

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX102220\  
 Data File : VX019014.D  
 Acq On : 22 Oct 2020 10:01  
 Operator : JC/SP  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

Manual Integrations  
 APPROVED

MMDadoda  
 10/23/2020 11:44:47 AM

Quant Time: Oct 23 08:49:26 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X102120W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Oct 22 17:51:42 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.63  | 168  | 259438   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.82  | 114  | 421650   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.09 | 117  | 394857   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.06 | 152  | 204120   | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|-------|---------|----------|
| 33) 1,2-Dichloroethane-d4   | 6.03  | 65   | 149322   | 48.05 | ug/l    | 0.00     |
| Spiked Amount               |       |      |          |       |         |          |
|                             |       |      | Recovery | =     | 96.10%  |          |
| 35) Dibromofluoromethane    | 5.46  | 113  | 131632   | 49.31 | ug/l    | -0.01    |
| Spiked Amount               |       |      |          |       |         |          |
|                             |       |      | Recovery | =     | 98.62%  |          |
| 50) Toluene-d8              | 8.70  | 98   | 505488   | 49.62 | ug/l    | 0.00     |
| Spiked Amount               |       |      |          |       |         |          |
|                             |       |      | Recovery | =     | 99.24%  |          |
| 62) 4-Bromofluorobenzene    | 11.12 | 95   | 182528   | 50.37 | ug/l    | 0.00     |
| Spiked Amount               |       |      |          |       |         |          |
|                             |       |      | Recovery | =     | 100.74% |          |

| Target Compounds              | R.T. | QIon | Response | Conc    | Units | Qvalue |
|-------------------------------|------|------|----------|---------|-------|--------|
| 2) Dichlorodifluoromethane    | 1.18 | 85   | 132677   | 51.341  | ug/l  | 99     |
| 3) Chloromethane              | 1.31 | 50   | 124931   | 48.622  | ug/l  | 99     |
| 4) Vinyl Chloride             | 1.39 | 62   | 151049   | 49.822  | ug/l  | 99     |
| 5) Bromomethane               | 1.64 | 94   | 140282   | 51.043  | ug/l  | 97     |
| 6) Chloroethane               | 1.71 | 64   | 102700   | 48.399  | ug/l  | 100    |
| 7) Trichlorofluoromethane     | 1.92 | 101  | 250307   | 48.856  | ug/l  | 99     |
| 8) Diethyl Ether              | 2.17 | 74   | 93818    | 46.765  | ug/l  | 99     |
| 9) 1,1,2-Trichlorotrifluoroet | 2.37 | 101  | 121644   | 50.117  | ug/l  | 100    |
| 10) Methyl Iodide             | 2.49 | 142  | 149630   | 44.317  | ug/l  | 99     |
| 11) Tert butyl alcohol        | 3.03 | 59   | 146902   | 233.400 | ug/l  | 100    |
| 12) 1,1-Dichloroethene        | 2.36 | 96   | 121448   | 48.095  | ug/l  | 97     |
| 13) Acrolein                  | 2.27 | 56   | 54286    | 229.888 | ug/l  | 97     |
| 14) Allyl chloride            | 2.70 | 41   | 162159   | 49.640  | ug/l  | 98     |
| 15) Acrylonitrile             | 3.11 | 53   | 282975   | 232.499 | ug/l  | 99     |
| 16) Acetone                   | 2.42 | 43   | 243580   | 230.118 | ug/l  | 100    |
| 17) Carbon Disulfide          | 2.55 | 76   | 344697   | 47.331  | ug/l  | 100    |
| 18) Methyl Acetate            | 2.75 | 43   | 124587   | 47.432  | ug/l  | 99     |
| 19) Methyl tert-butyl Ether   | 3.16 | 73   | 386790   | 48.356  | ug/l  | 99     |
| 20) Methylene Chloride        | 2.83 | 84   | 139184   | 47.232  | ug/l  | 99     |
| 21) trans-1,2-Dichloroethene  | 3.14 | 96   | 140667   | 47.739  | ug/l  | 98     |
| 22) Diisopropyl ether         | 3.82 | 45   | 318434   | 49.434  | ug/l  | 98     |
| 23) Vinyl Acetate             | 3.78 | 43   | 1503249  | 245.764 | ug/l  | 100    |
| 24) 1,1-Dichloroethane        | 3.67 | 63   | 227738   | 48.546  | ug/l  | 99     |
| 25) 2-Butanone                | 4.63 | 43   | 396931   | 237.325 | ug/l  | 98     |
| 26) 2,2-Dichloropropane       | 4.54 | 77   | 221309   | 51.094  | ug/l  | 99     |
| 27) cis-1,2-Dichloroethene    | 4.56 | 96   | 162132   | 48.484  | ug/l  | 100    |
| 28) Bromochloromethane        | 4.98 | 49   | 92867    | 46.620  | ug/l  | 99     |
| 29) Tetrahydrofuran           | 5.08 | 42   | 228283   | 228.360 | ug/l  | 99     |
| 30) Chloroform                | 5.17 | 83   | 252006   | 49.480  | ug/l  | 99     |
| 31) Cyclohexane               | 5.54 | 56   | 181449   | 49.859  | ug/l  | 99     |
| 32) 1,1,1-Trichloroethane     | 5.46 | 97   | 228126   | 49.386  | ug/l  | 100    |
| 36) 1,1-Dichloropropene       | 5.76 | 75   | 191659   | 50.657  | ug/l  | 98     |
| 37) Ethyl Acetate             | 4.79 | 43   | 157330   | 48.721  | ug/l  | 99     |
| 38) Carbon Tetrachloride      | 5.75 | 117  | 197590   | 49.756  | ug/l  | 98     |

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 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleID :  
 VSTDCCC050

Manual Integrations  
 APPROVED

MMDadoda  
 10/23/2020 11:44:47 AM

Quant Time: Oct 23 08:49:26 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X102120W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Oct 22 17:51:42 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 7.43  | 83   | 217276   | 51.259  | ug/l   | 97       |
| 40) Benzene                    | 6.10  | 78   | 559330   | 50.197  | ug/l   | 99       |
| 41) Methacrylonitrile          | 4.99  | 41   | 83133    | 47.925  | ug/l   | 99       |
| 42) 1,2-Dichloroethane         | 6.15  | 62   | 191499   | 50.359  | ug/l   | 100      |
| 43) Isopropyl Acetate          | 6.40  | 43   | 271352   | 49.616  | ug/l   | 100      |
| 44) Trichloroethene            | 7.18  | 130  | 160608   | 49.425  | ug/l   | 99       |
| 45) 1,2-Dichloropropane        | 7.49  | 63   | 134817   | 50.440  | ug/l   | 100      |
| 46) Dibromomethane             | 7.63  | 93   | 98773    | 48.520  | ug/l   | 99       |
| 47) Bromodichloromethane       | 7.87  | 83   | 205150   | 51.397  | ug/l   | 98       |
| 48) Methyl methacrylate        | 7.74  | 41   | 129388   | 48.015  | ug/l   | 99       |
| 49) 1,4-Dioxane                | 7.73  | 88   | 59003    | 969.070 | ug/l   | 99       |
| 51) 4-Methyl-2-Pentanone       | 8.62  | 43   | 804788   | 249.727 | ug/l   | 100      |
| 52) Toluene                    | 8.76  | 92   | 372848   | 50.661  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene      | 9.02  | 75   | 230971   | 51.243  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene    | 8.42  | 75   | 244563   | 51.381  | ug/l   | 97       |
| 55) 1,1,2-Trichloroethane      | 9.20  | 97   | 149819   | 49.936  | ug/l   | 99       |
| 56) Ethyl methacrylate         | 9.16  | 69   | 219848   | 50.933  | ug/l   | 99       |
| 57) 1,3-Dichloropropane        | 9.35  | 76   | 240373   | 50.476  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether  | 8.29  | 63   | 537378   | 236.995 | ug/l   | 99       |
| 59) 2-Hexanone                 | 9.47  | 43   | 620635   | 258.427 | ug/l   | 100      |
| 60) Dibromochloromethane       | 9.56  | 129  | 168319   | 51.473  | ug/l   | 100      |
| 61) 1,2-Dibromoethane          | 9.65  | 107  | 160202   | 49.906  | ug/l   | 99       |
| 64) Tetrachloroethene          | 9.32  | 164  | 148229   | 49.306  | ug/l   | 86       |
| 65) Chlorobenzene              | 10.12 | 112  | 408976   | 49.379  | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane  | 10.20 | 131  | 151367   | 51.404  | ug/l   | 100      |
| 67) Ethyl Benzene              | 10.23 | 91   | 723278   | 50.661  | ug/l   | 99       |
| 68) m/p-Xylenes                | 10.34 | 106  | 561571   | 102.683 | ug/l   | 99       |
| 69) o-Xylene                   | 10.68 | 106  | 265107   | 50.649  | ug/l   | 100      |
| 70) Styrene                    | 10.70 | 104  | 450620   | 50.708  | ug/l   | 99       |
| 71) Bromoform                  | 10.84 | 173  | 124598   | 52.415  | ug/l # | 99       |
| 73) Isopropylbenzene           | 11.00 | 105  | 720409   | 49.061  | ug/l   | 100      |
| 74) N-amyl acetate             | 10.88 | 43   | 230227   | 48.936  | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane  | 11.25 | 83   | 216006   | 48.830  | ug/l   | 100      |
| 76) 1,2,3-Trichloropropane     | 11.28 | 75   | 203491m  | 49.878  | ug/l   |          |
| 77) Bromobenzene               | 11.24 | 156  | 177000   | 47.729  | ug/l   | 99       |
| 78) n-propylbenzene            | 11.34 | 91   | 821707   | 49.385  | ug/l   | 100      |
| 79) 2-Chlorotoluene            | 11.40 | 91   | 476734   | 49.113  | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene     | 11.49 | 105  | 602725   | 49.706  | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-buten | 11.05 | 75   | 79215    | 49.469  | ug/l   | 95       |
| 82) 4-Chlorotoluene            | 11.49 | 91   | 563941   | 48.827  | ug/l   | 99       |
| 83) tert-Butylbenzene          | 11.76 | 119  | 599122   | 50.156  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene     | 11.79 | 105  | 610572   | 50.286  | ug/l   | 99       |
| 85) sec-Butylbenzene           | 11.93 | 105  | 724654   | 50.132  | ug/l   | 100      |
| 86) p-Isopropyltoluene         | 12.05 | 119  | 667111   | 50.509  | ug/l   | 100      |
| 87) 1,3-Dichlorobenzene        | 12.01 | 146  | 332067   | 48.813  | ug/l   | 100      |
| 88) 1,4-Dichlorobenzene        | 12.08 | 146  | 337094   | 48.286  | ug/l   | 99       |
| 89) n-Butylbenzene             | 12.37 | 91   | 622216   | 51.467  | ug/l   | 99       |
| 90) Hexachloroethane           | 12.58 | 117  | 107773   | 53.301  | ug/l   | 97       |
| 91) 1,2-Dichlorobenzene        | 12.37 | 146  | 308246   | 48.599  | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropropan | 12.98 | 75   | 48431    | 48.081  | ug/l   | 97       |

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Acq On : 22 Oct 2020 10:01  
Operator : JC/SP  
Sample : VSTDCCC050  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

Manual Integrations  
APPROVED

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10/23/2020 11:44:47 AM

Quant Time: Oct 23 08:49:26 2020  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X102120W.M  
Quant Title : SW846 8260  
QLast Update : Thu Oct 22 17:51:42 2020  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 13.63 | 180  | 220260   | 47.466 | ug/l  | 97       |
| 94) Hexachlorobutadiene    | 13.77 | 225  | 106571   | 49.537 | ug/l  | 97       |
| 95) Naphthalene            | 13.82 | 128  | 704178   | 48.231 | ug/l  | 100      |
| 96) 1,2,3-Trichlorobenzene | 14.00 | 180  | 216051   | 47.833 | ug/l  | 98       |

(#) = qualifier out of range (m) = manual integration (+) = signals summed

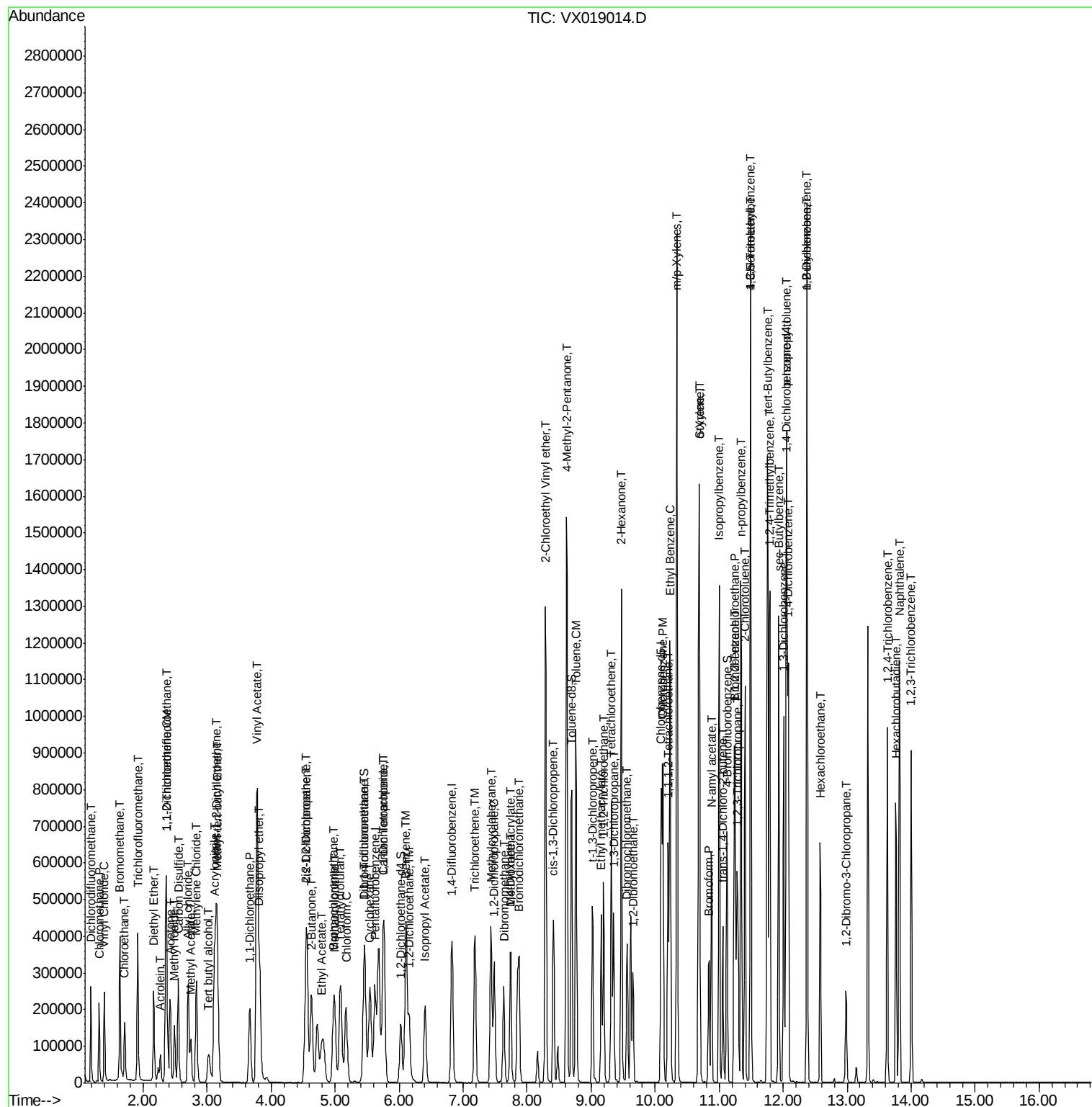
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 Data File : VX019014.D  
 Acq On : 22 Oct 2020 10:01  
 Operator : JC/SP  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 2 Sample Multiplier: 1

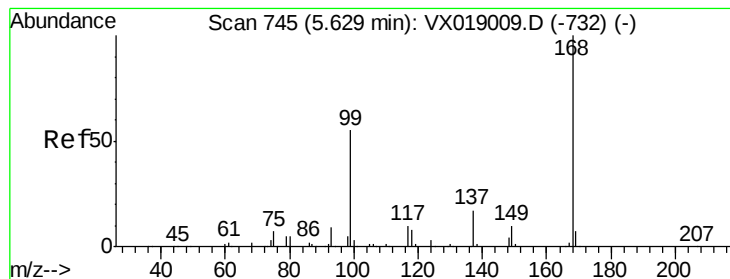
Instrument :  
 MSVOA\_X  
 ClientSampleID :  
 VSTDCCC050

Manual Integrations  
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX019014.D

Acq: 22 Oct 2020 10:01

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 259438

Ion Ratio Lower Upper

168 100

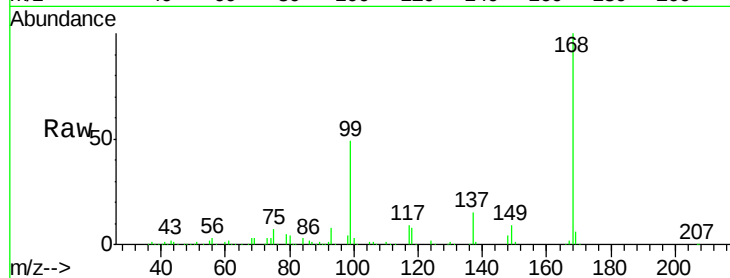
99 49.3 44.2 66.2

Manual Integrations

APPROVED

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10/23/2020 11:44:47 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

100000

80000

60000

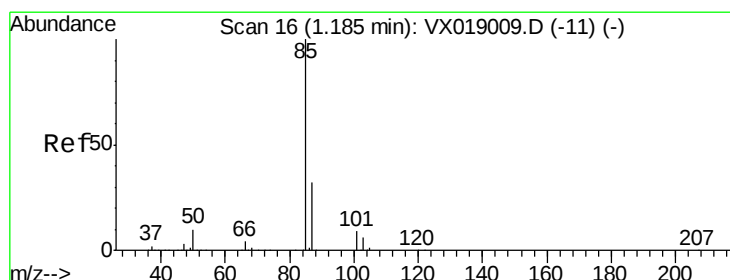
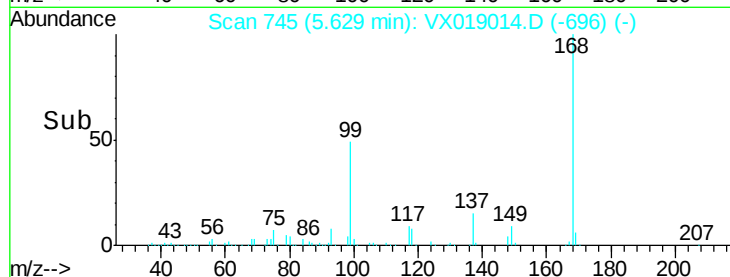
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 51.341 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX019014.D

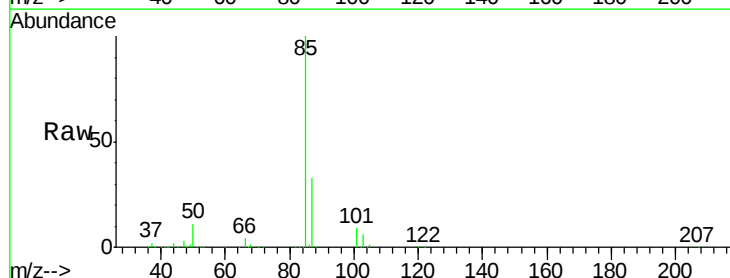
Acq: 22 Oct 2020 10:01

Tgt Ion: 85 Resp: 132677

Ion Ratio Lower Upper

85 100

87 32.8 16.2 48.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

150000

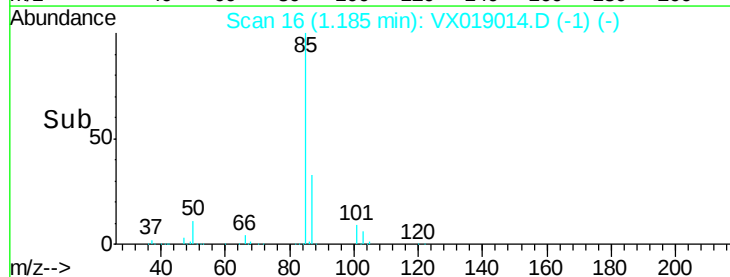
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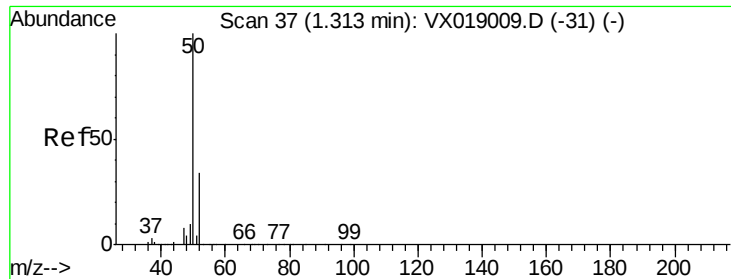
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Time-->

1.10 1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 48.622 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX019014.D

Acq: 22 Oct 2020 10:01

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 124931

Ion Ratio Lower Upper

50 100

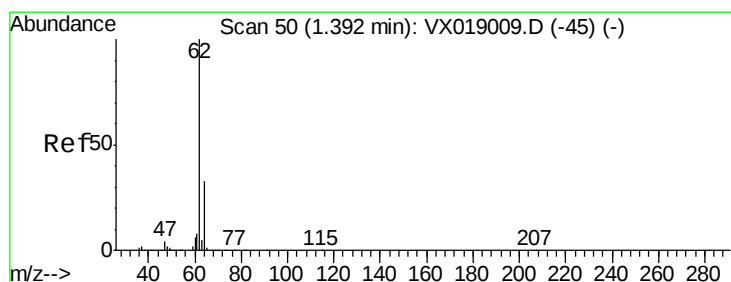
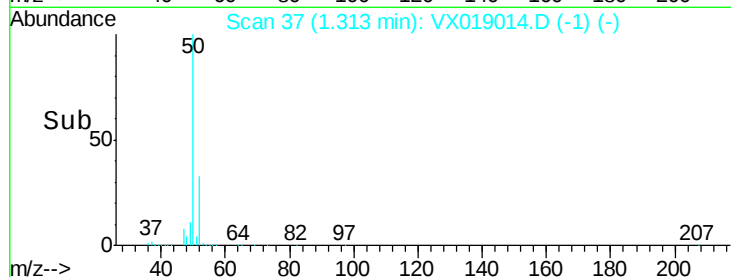
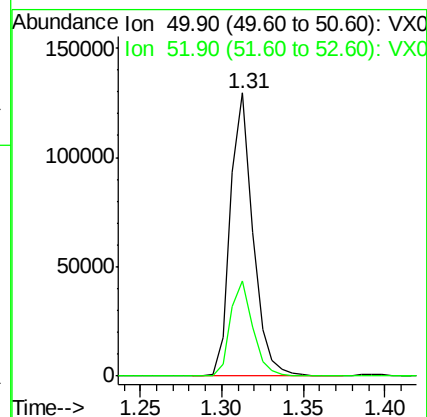
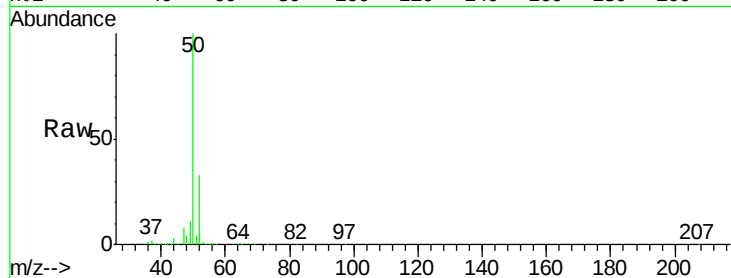
52 33.5 27.0 40.6

Manual Integrations

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10/23/2020 11:44:47 AM



#4

Vinyl Chloride

Concen: 49.822 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX019014.D

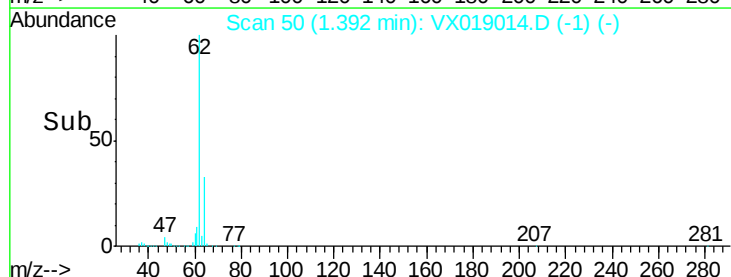
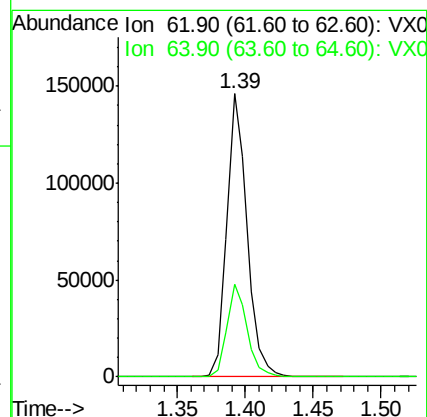
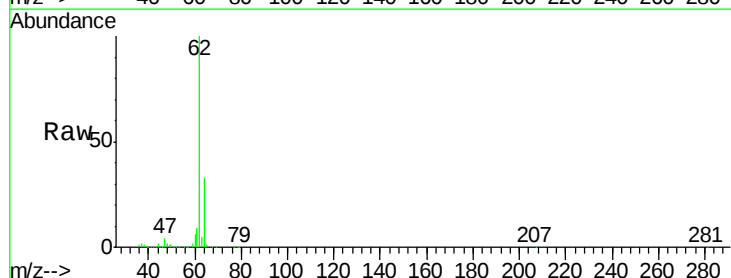
Acq: 22 Oct 2020 10:01

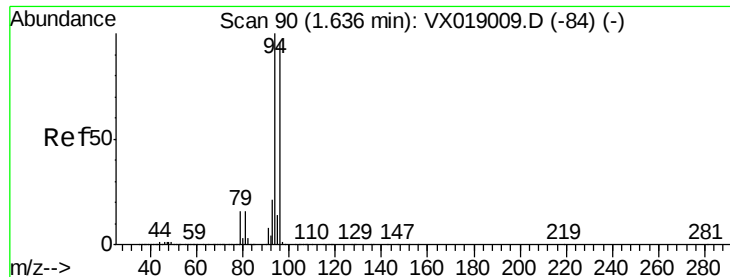
Tgt Ion: 62 Resp: 151049

Ion Ratio Lower Upper

62 100

64 32.7 26.5 39.7





#5

Bromomethane

Concen: 51.043 ug/l

RT: 1.64 min Scan# 90

Delta R.T. 0.00 min

Lab File: VX019014.D

Acq: 22 Oct 2020 10:01

Tot Ion: 94 Resp: 140282

Ion Ratio Lower Upper

94 100

96 93.6 77.1 115.7

Instrument :

MSVOA\_X

ClientSampleId :

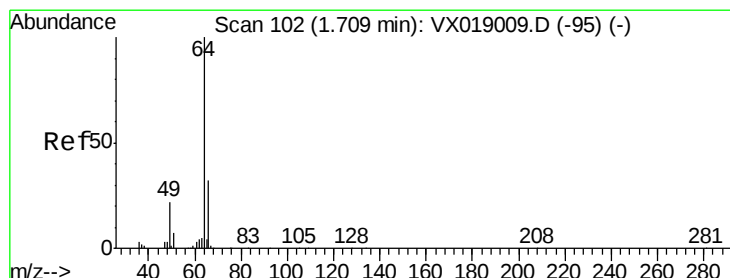
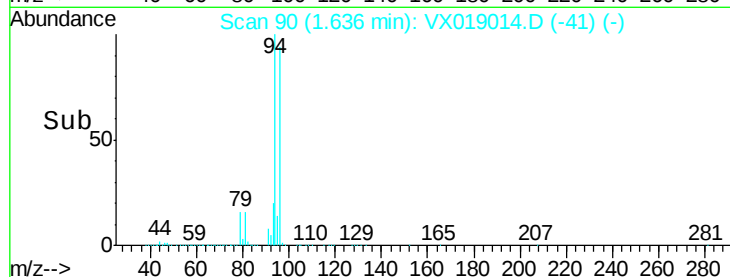
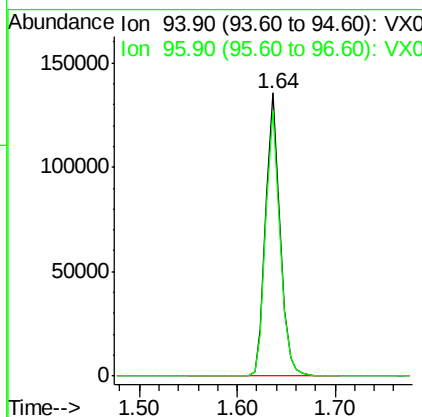
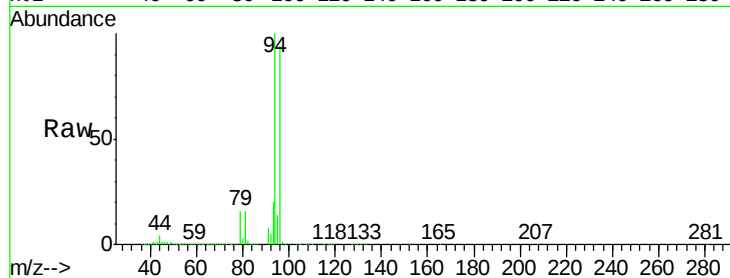
VSTDCCC050

Manual Integrations

APPROVED

MMDadoda

10/23/2020 11:44:47 AM



#6

Chloroethane

Concen: 48.399 ug/l

RT: 1.71 min Scan# 102

Delta R.T. -0.00 min

Lab File: VX019014.D

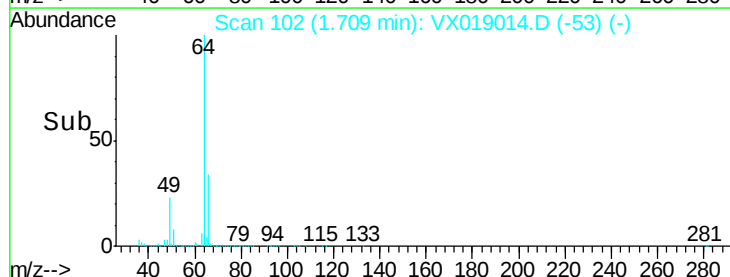
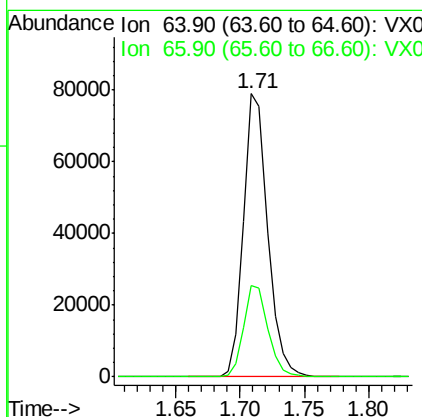
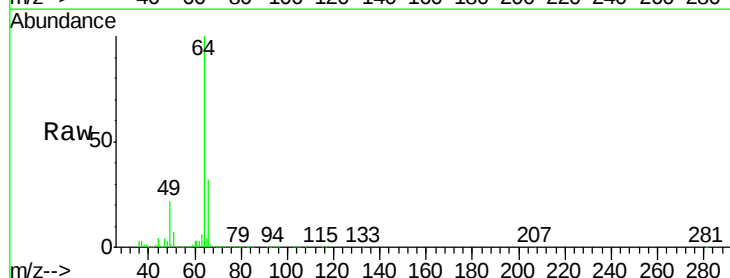
Acq: 22 Oct 2020 10:01

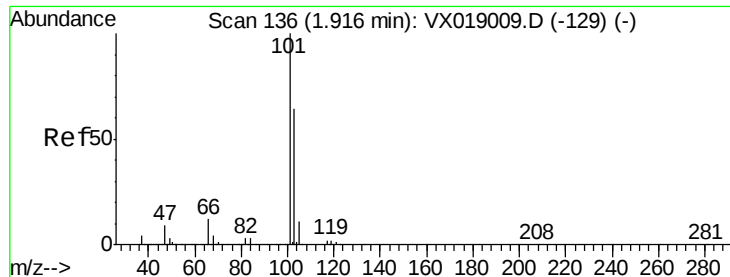
Tgt Ion: 64 Resp: 102700

Ion Ratio Lower Upper

64 100

66 32.1 25.7 38.5





#7

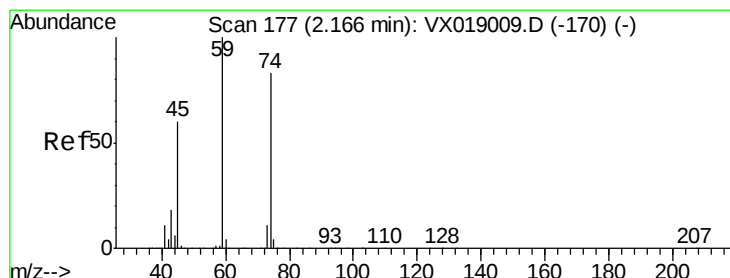
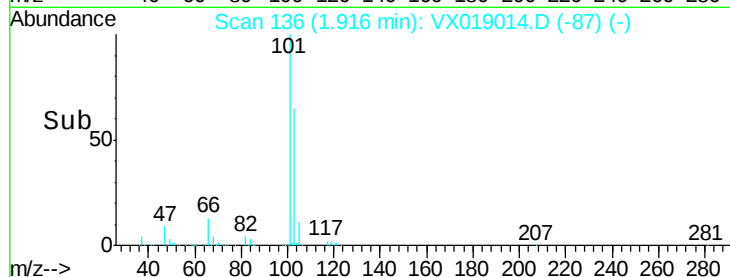
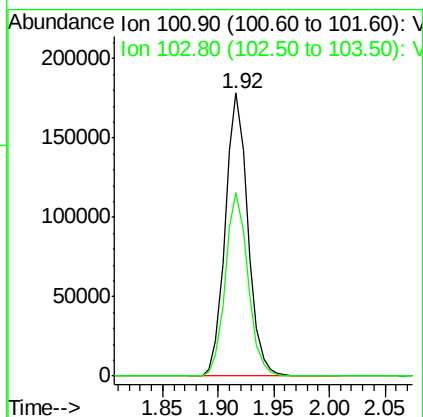
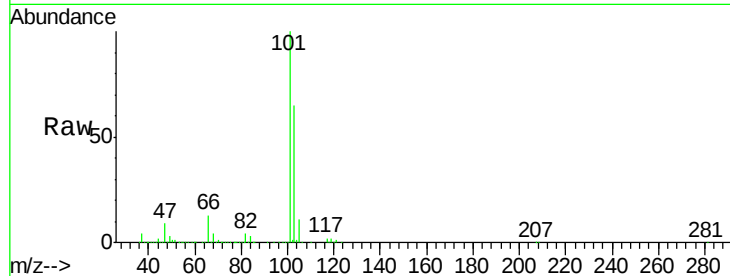
Trichlorofluoromethane  
Concen: 48.856 ug/l  
RT: 1.92 min Scan# 136  
Delta R.T. -0.00 min  
Lab File: VX019014.D  
Acq: 22 Oct 2020 10:01

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 101     | 100   |       |       |
| 103     | 64.7  | 51.2  | 76.8  |

Manual Integrations  
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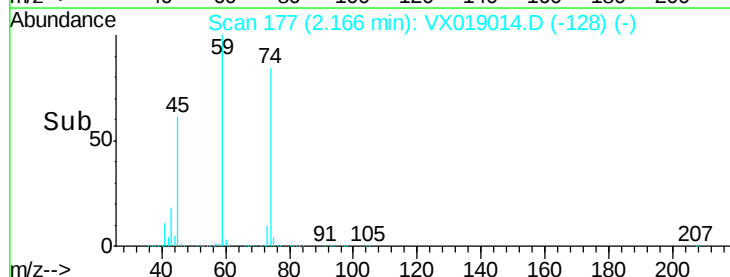
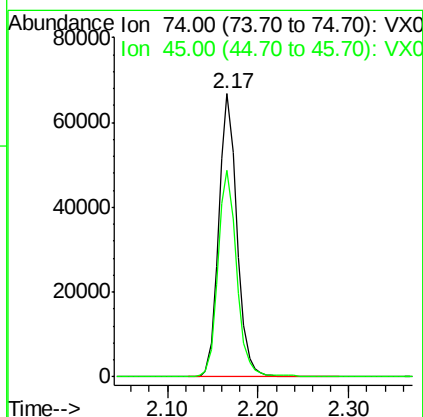
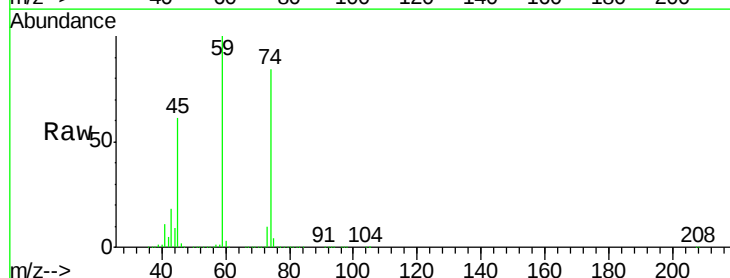
MMDadoda  
10/23/2020 11:44:47 AM

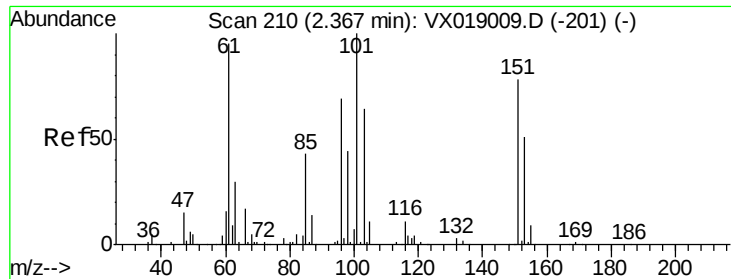


#8

Diethyl Ether  
Concen: 46.765 ug/l  
RT: 2.17 min Scan# 177  
Delta R.T. -0.00 min  
Lab File: VX019014.D  
Acq: 22 Oct 2020 10:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 74      | 100   |       |       |
| 45      | 74.3  | 36.8  | 110.4 |





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.117 ug/l

RT: 2.37 min Scan# 210

Delta R.T. -0.00 min

Lab File: VX019014.D

Acq: 22 Oct 2020 10:01

Instrument :

MSVOA\_X

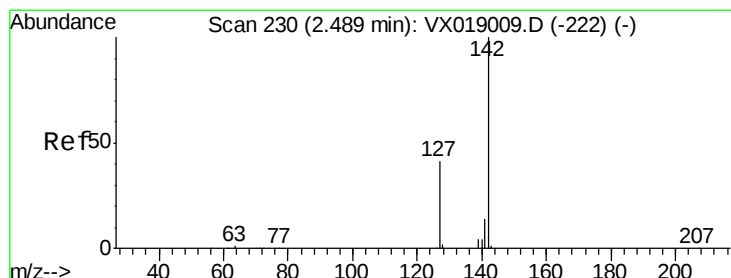
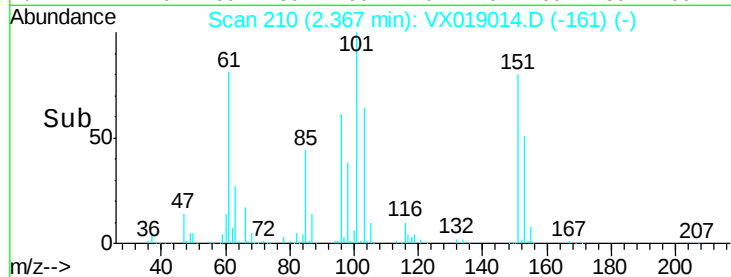
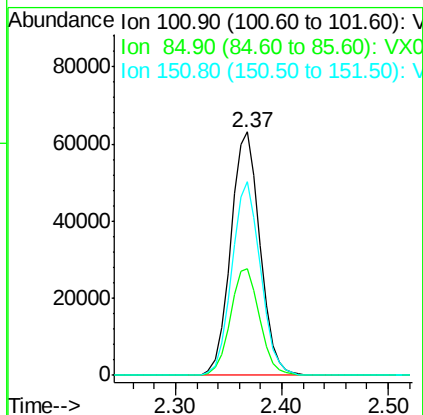
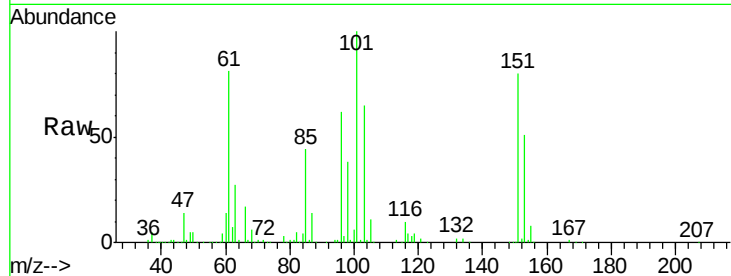
ClientSampleId :

VSTDCCC050

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 101   | Resp: | 121644 |
| Ion Ratio | Lower | Upper |        |
| 101       | 100   |       |        |
| 85        | 43.9  | 35.2  | 52.8   |
| 151       | 78.0  | 62.4  | 93.6   |

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10/23/2020 11:44:47 AM



#10

Methyl Iodide

Concen: 44.317 ug/l

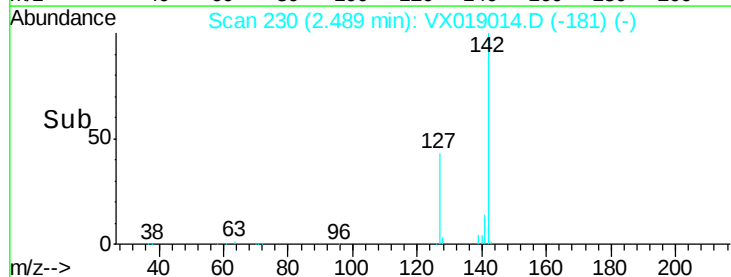
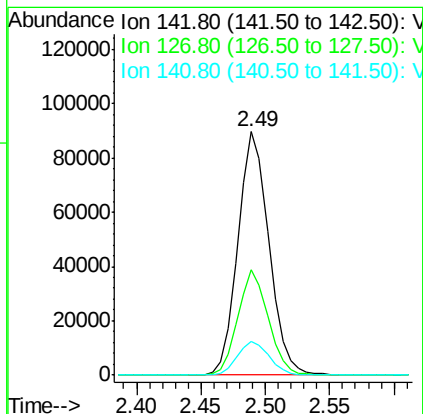
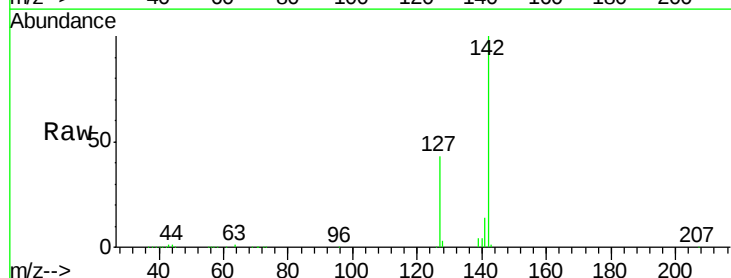
RT: 2.49 min Scan# 230

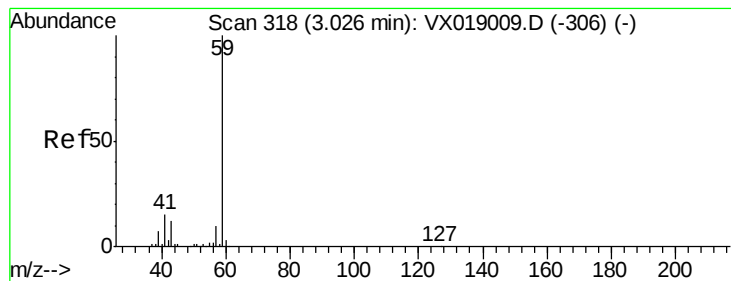
Delta R.T. 0.00 min

Lab File: VX019014.D

Acq: 22 Oct 2020 10:01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 142   | Resp: | 149630 |
| Ion Ratio | Lower | Upper |        |
| 142       | 100   |       |        |
| 127       | 42.5  | 33.6  | 50.4   |
| 141       | 14.1  | 11.2  | 16.8   |





#11

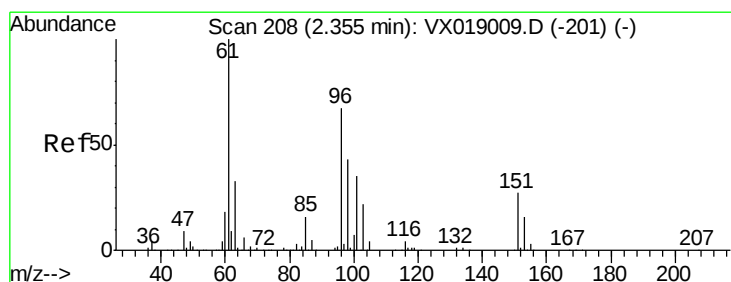
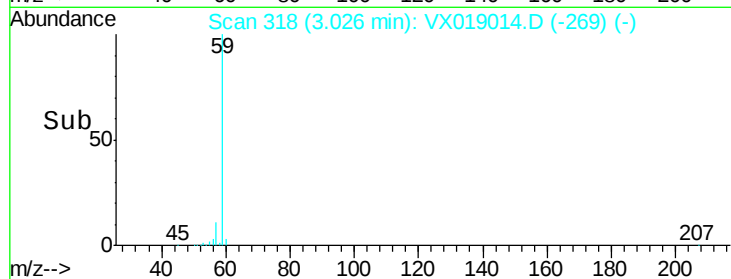
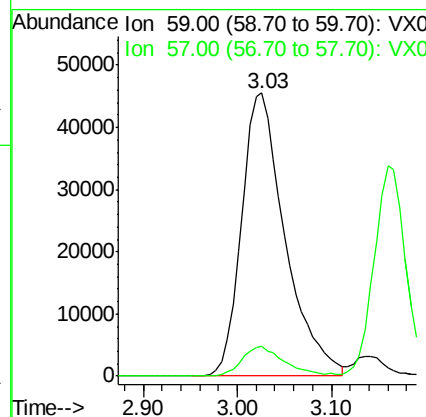
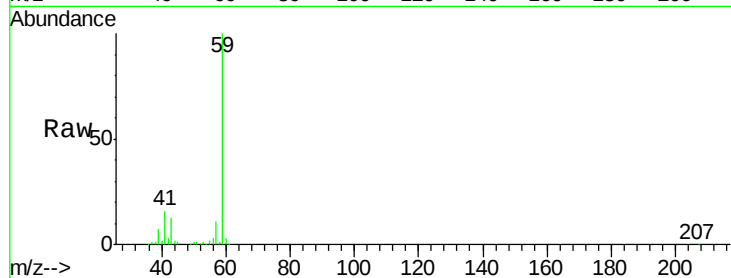
Tert butyl alcohol  
Concen: 233.400 ug/l  
RT: 3.03 min Scan# 318  
Delta R.T. -0.00 min  
Lab File: VX019014.D  
Acq: 22 Oct 2020 10:01

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

| Tot Ion | 59 | 57 | Ratio | 100 | 10.3 | Resp | 146902 | Lower | 8.2 | Upper | 12.2 |
|---------|----|----|-------|-----|------|------|--------|-------|-----|-------|------|
| Ion     |    |    |       |     |      |      |        |       |     |       |      |

Manual Integrations  
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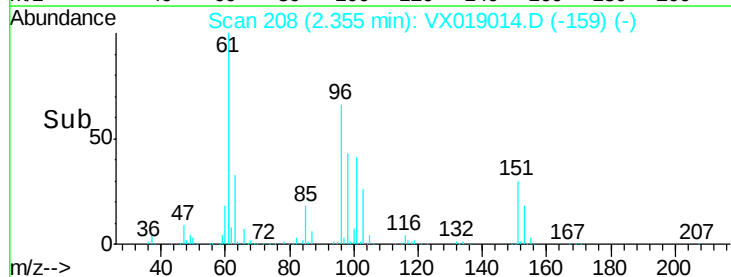
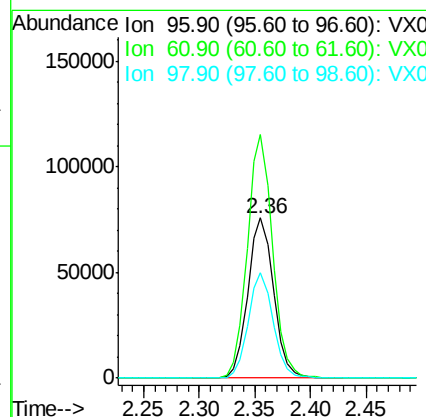
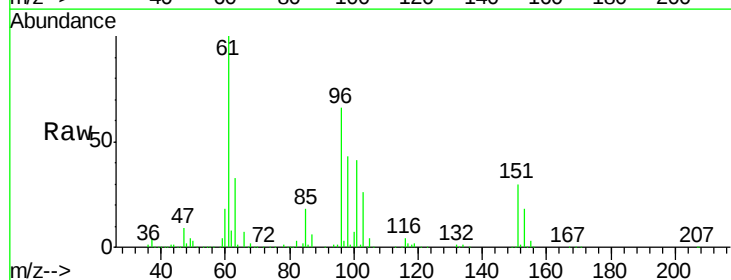
MMDadoda  
10/23/2020 11:44:47 AM

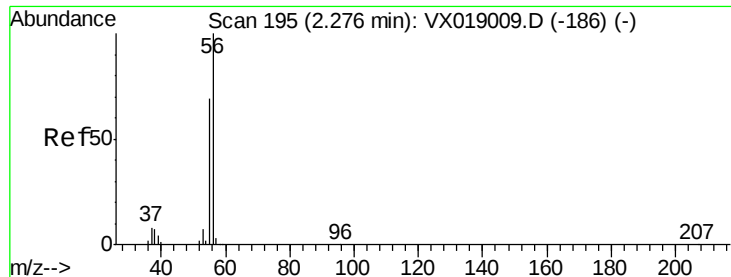


#12

1,1-Dichloroethene  
Concen: 48.095 ug/l  
RT: 2.36 min Scan# 208  
Delta R.T. -0.00 min  
Lab File: VX019014.D  
Acq: 22 Oct 2020 10:01

| Tgt Ion | 96 | 61 | 98 | Ratio | 100 | 152.3 | 66.2 | Resp | 121448 | Lower | 119.0 | Upper | 178.6 | 76.4 |
|---------|----|----|----|-------|-----|-------|------|------|--------|-------|-------|-------|-------|------|
| Ion     |    |    |    |       |     |       |      |      |        |       |       |       |       |      |





#13

Acrolein

Concen: 229.888 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.01 min

Lab File: VX019014.D

Acq: 22 Oct 2020 10:01

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 54286

Ion Ratio Lower Upper

56 100

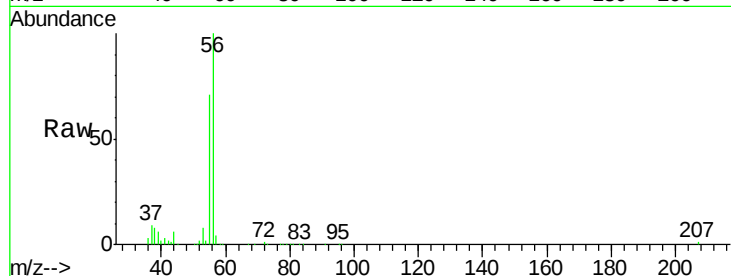
55 70.5 54.2 81.4

Manual Integrations

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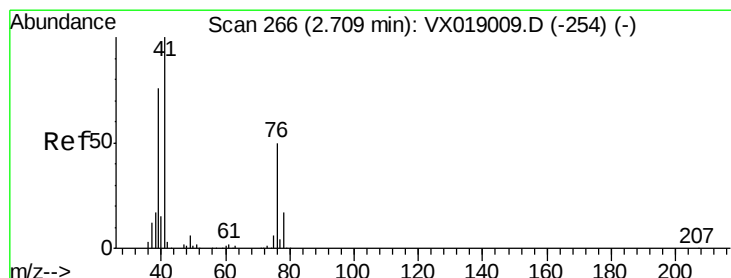
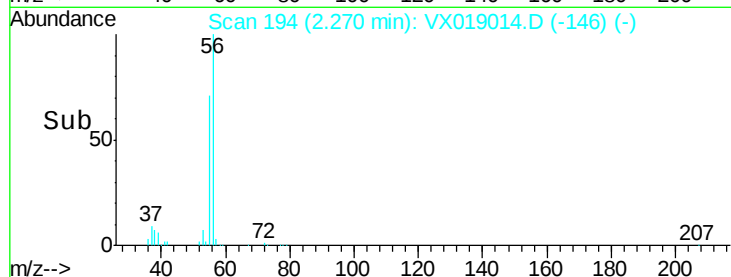
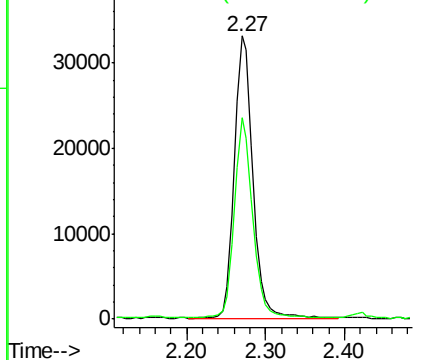
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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 49.640 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX019014.D

Acq: 22 Oct 2020 10:01

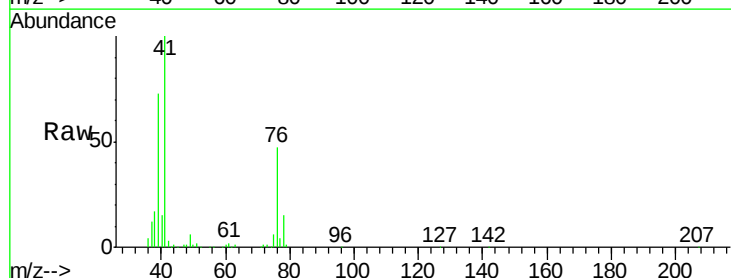
Tgt Ion: 41 Resp: 162159

Ion Ratio Lower Upper

41 100

39 69.4 57.4 86.0

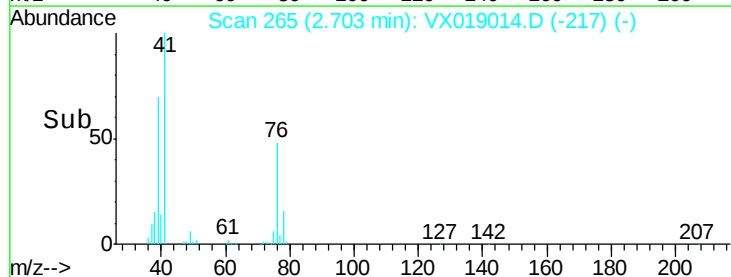
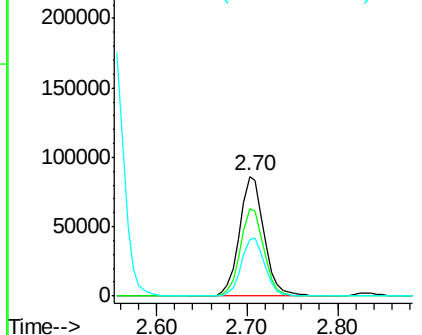
76 46.4 37.7 56.5

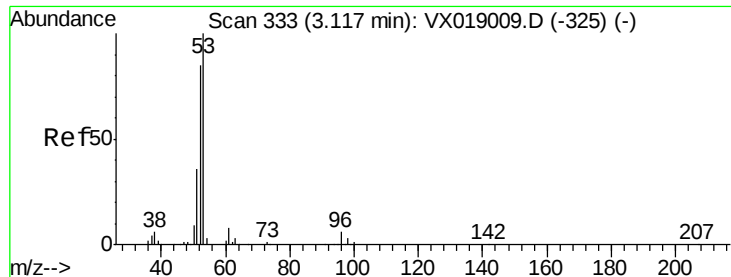


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 232.499 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX019014.D

Acq: 22 Oct 2020 10:01

Instrument :

MSVOA\_X

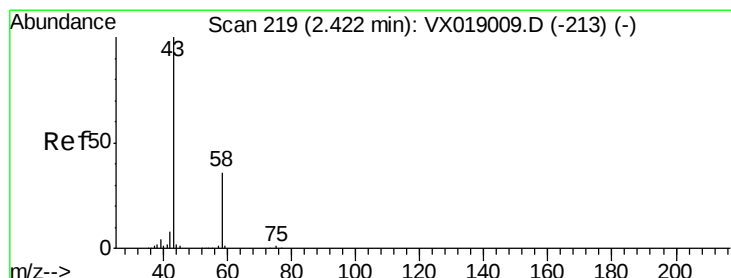
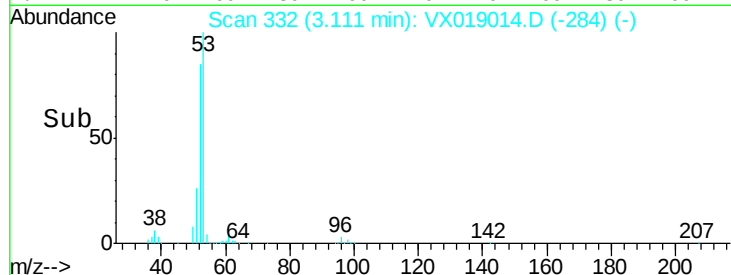
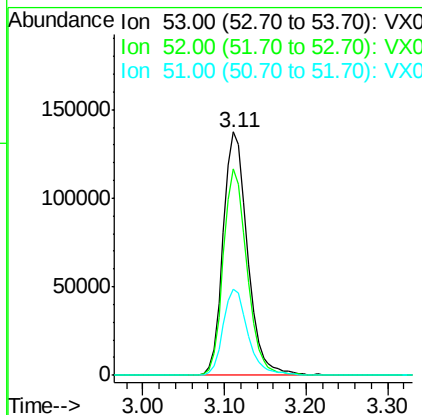
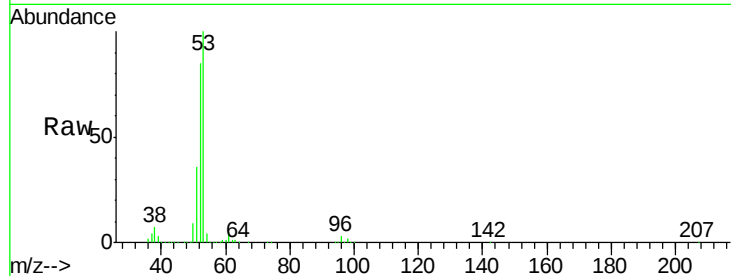
ClientSampleId :

VSTDCCC050

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 53    | Resp: | 282975 |
| Ion Ratio | Lower | Upper |        |
| 53        | 100   |       |        |
| 52        | 83.1  | 65.9  | 98.9   |
| 51        | 35.9  | 28.3  | 42.5   |

Manual Integrations  
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#16

Acetone

Concen: 230.118 ug/l

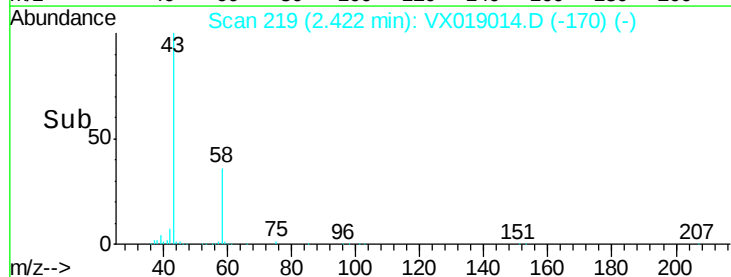
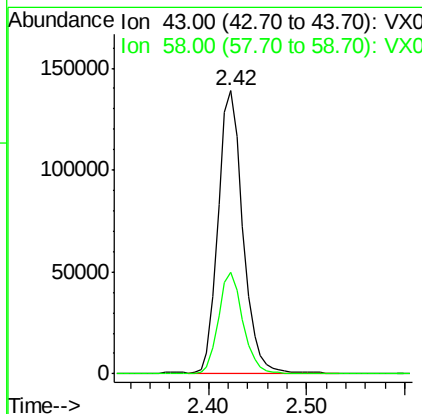
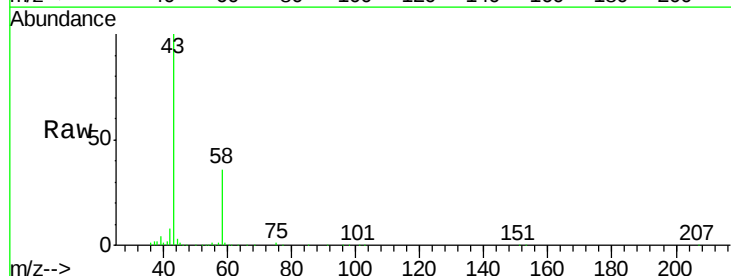
RT: 2.42 min Scan# 219

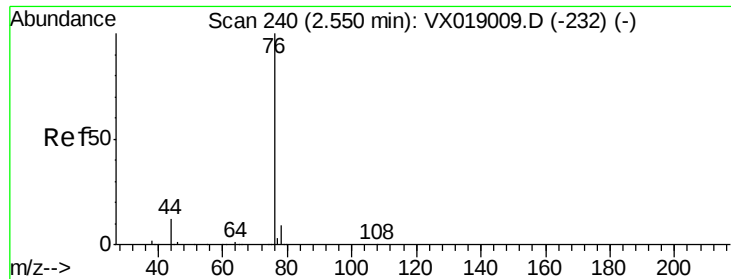
Delta R.T. -0.00 min

Lab File: VX019014.D

Acq: 22 Oct 2020 10:01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 43    | Resp: | 243580 |
| Ion Ratio | Lower | Upper |        |
| 43        | 100   |       |        |
| 58        | 35.8  | 28.6  | 42.8   |





#17

Carbon Disulfide

Concen: 47.331 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX019014.D

Acq: 22 Oct 2020 10:01

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 344697

Ion Ratio Lower Upper

76 100

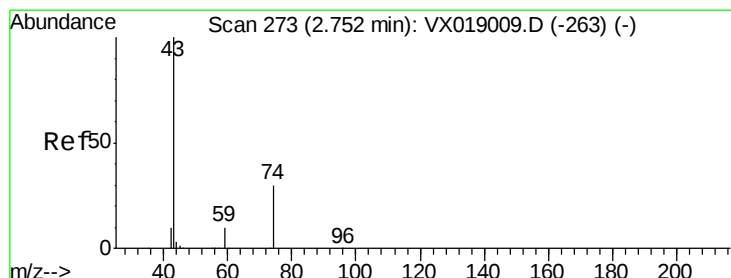
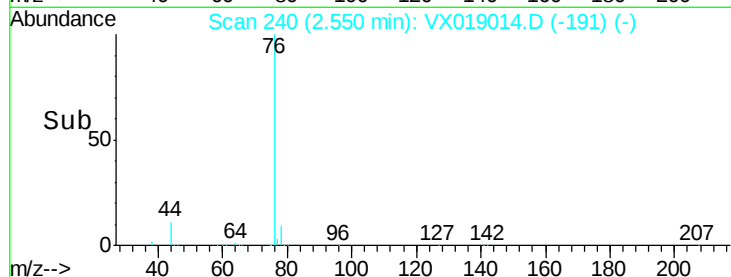
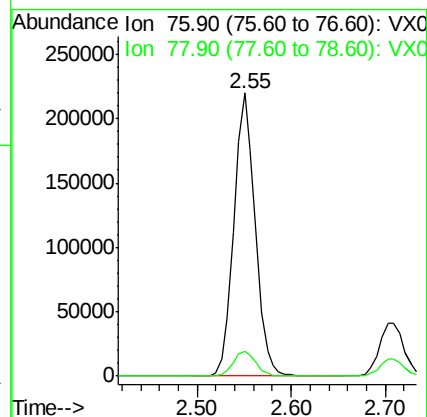
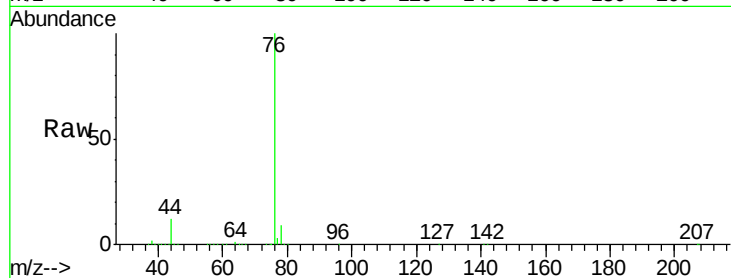
78 8.8 7.1 10.7

Manual Integrations

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#18

Methyl Acetate

Concen: 47.432 ug/l

RT: 2.75 min Scan# 272

Delta R.T. -0.01 min

Lab File: VX019014.D

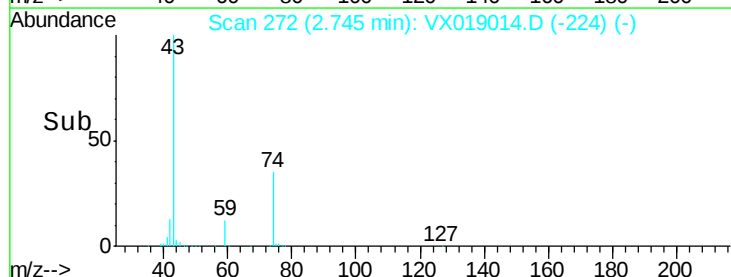
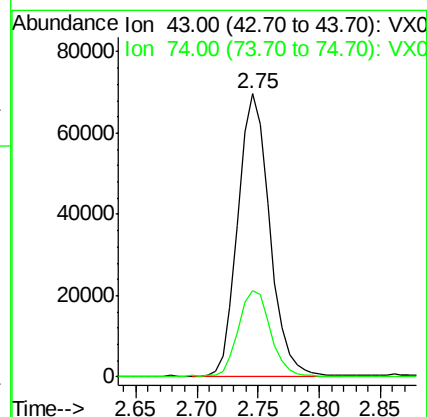
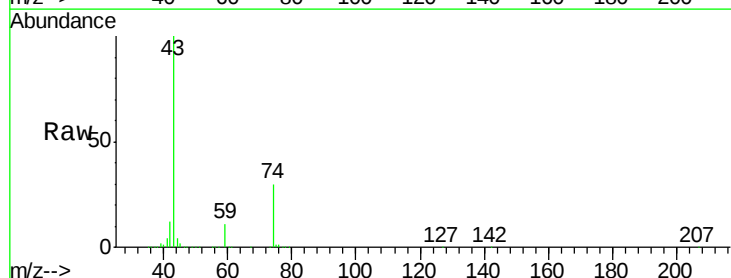
Acq: 22 Oct 2020 10:01

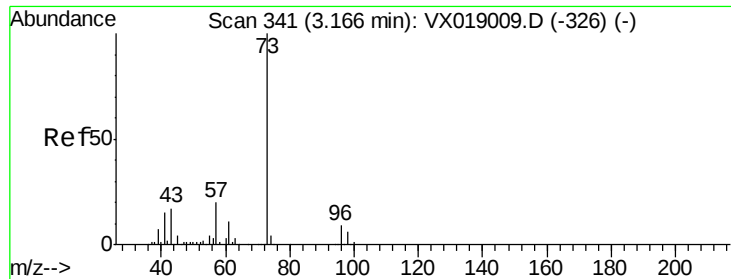
Tgt Ion: 43 Resp: 124587

Ion Ratio Lower Upper

43 100

74 31.7 24.9 37.3





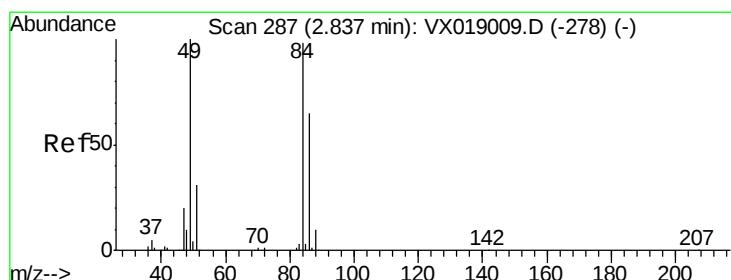
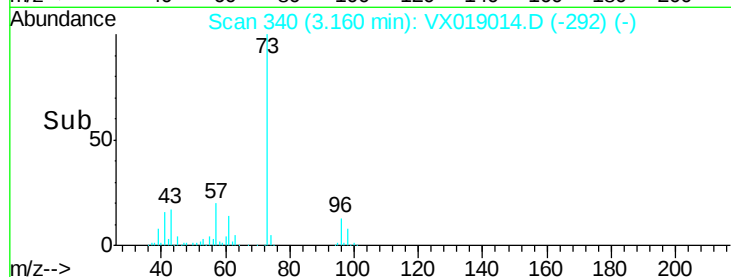
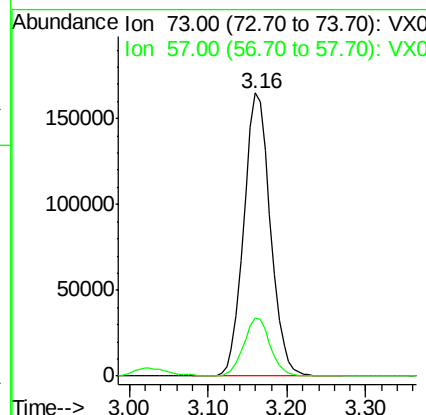
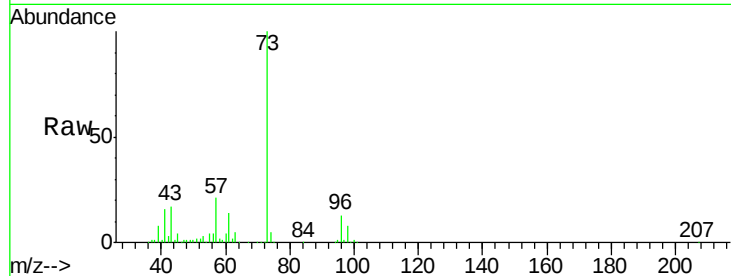
#19  
Methyl tert-butyl Ether  
Concen: 48.356 ug/l  
RT: 3.16 min Scan# 340  
Delta R.T. -0.01 min  
Lab File: VX019014.D  
Acq: 22 Oct 2020 10:01

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

| Tot Ion   | 73    | Resp  | 386790 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 73        | 100   |       |        |
| 57        | 20.5  | 16.2  | 24.2   |

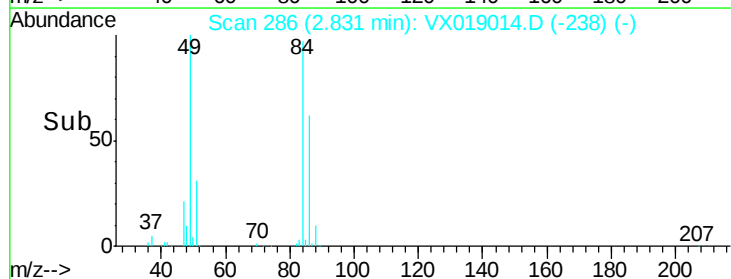
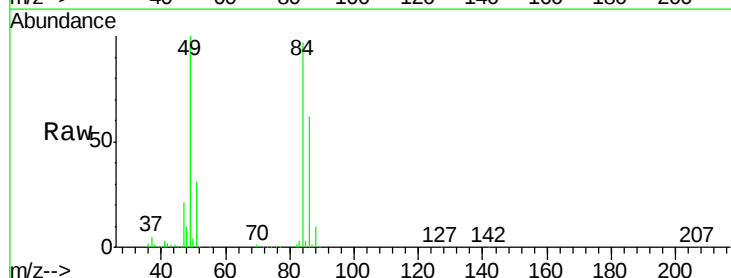
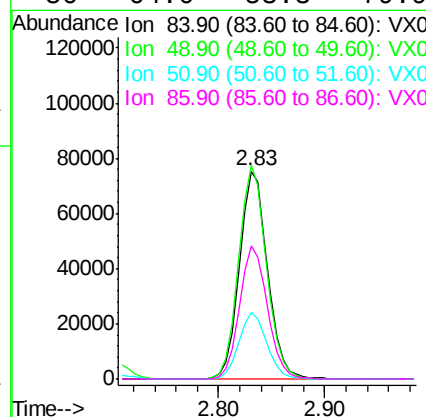
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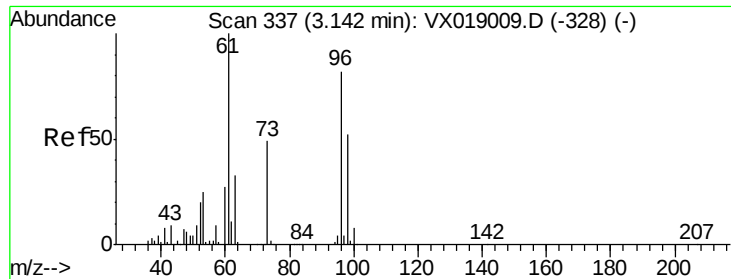
MMDadoda  
10/23/2020 11:44:47 AM



#20  
Methylene Chloride  
Concen: 47.232 ug/l  
RT: 2.83 min Scan# 286  
Delta R.T. -0.01 min  
Lab File: VX019014.D  
Acq: 22 Oct 2020 10:01

| Tgt Ion   | 84    | Resp  | 139184 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 84        | 100   |       |        |
| 49        | 102.8 | 81.6  | 122.4  |
| 51        | 32.0  | 25.6  | 38.4   |
| 86        | 64.0  | 53.3  | 79.9   |





#21

trans-1,2-Dichloroethene

Concen: 47.739 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX019014.D

Acq: 22 Oct 2020 10:01

Instrument :

MSVOA\_X

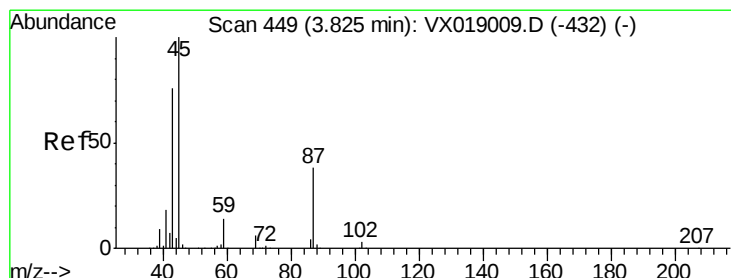
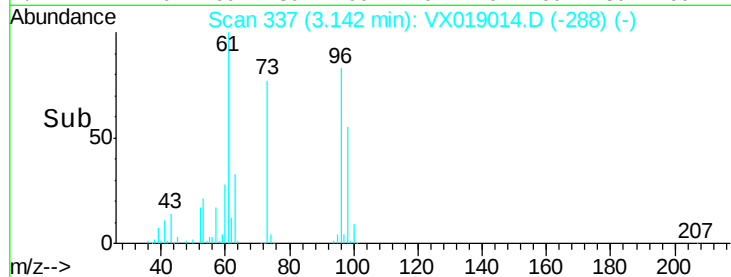
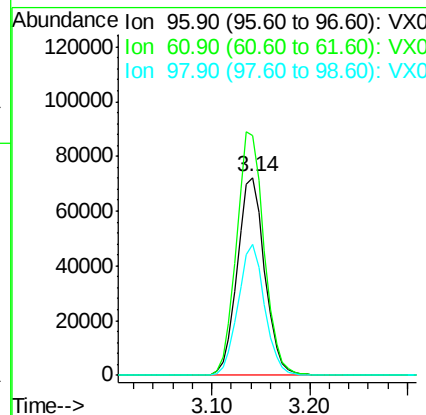
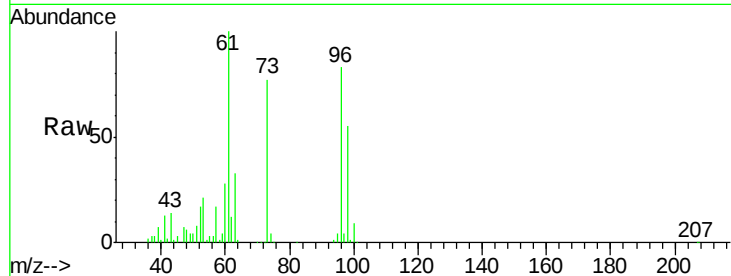
ClientSampleId :

VSTDCCC050

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 96    | Resp: | 140667 |
| Ion      | Ratio | Lower | Upper  |
| 96       | 100   |       |        |
| 61       | 121.1 | 97.8  | 146.6  |
| 98       | 66.0  | 50.7  | 76.1   |

Manual Integrations  
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#22

Diisopropyl ether

Concen: 49.434 ug/l

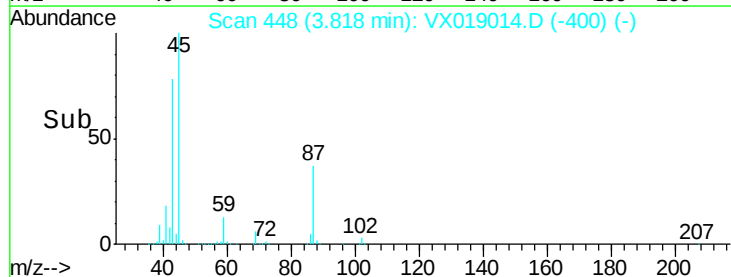
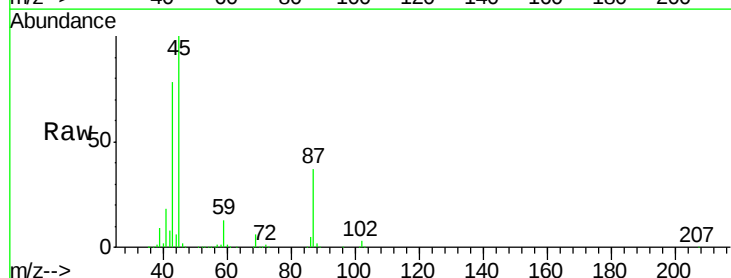
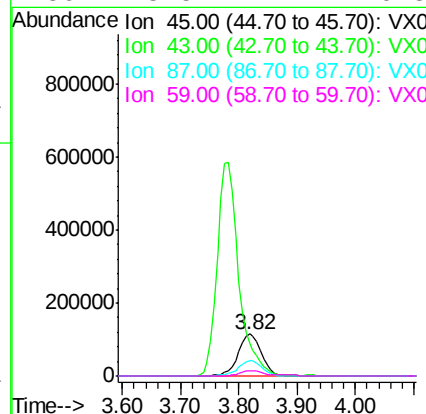
RT: 3.82 min Scan# 448

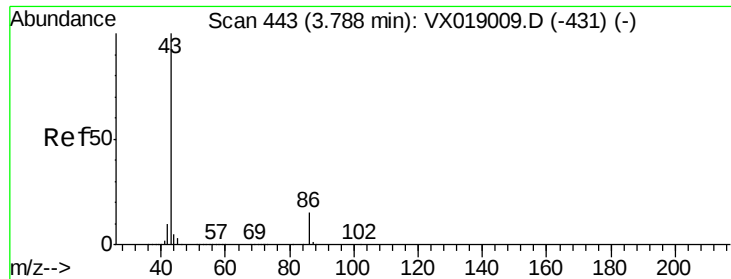
Delta R.T. -0.01 min

Lab File: VX019014.D

Acq: 22 Oct 2020 10:01

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 45    | Resp: | 318434 |
| Ion      | Ratio | Lower | Upper  |
| 45       | 100   |       |        |
| 43       | 77.8  | 60.4  | 90.6   |
| 87       | 36.8  | 30.4  | 45.6   |
| 59       | 13.5  | 11.2  | 16.8   |





#23

Vinyl Acetate

Concen: 245.764 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX019014.D

Acq: 22 Oct 2020 10:01

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1503249

Ion Ratio Lower Upper

43 100

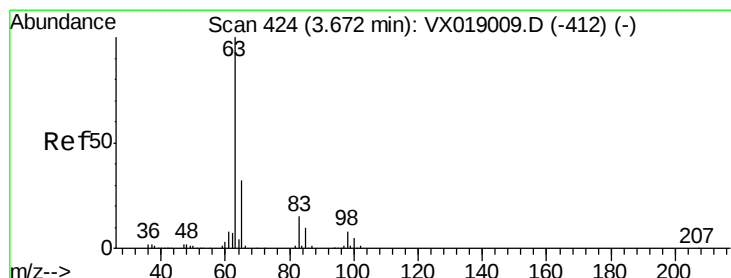
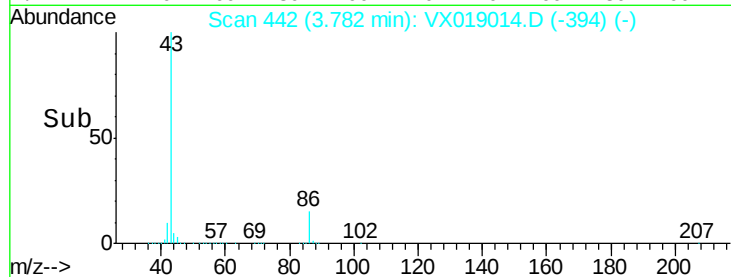
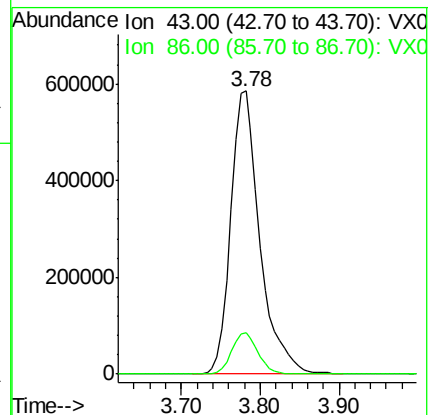
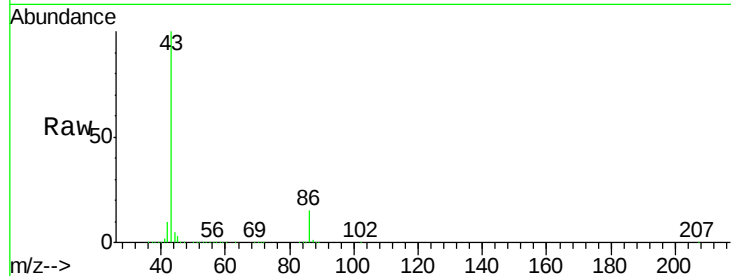
86 14.7 11.7 17.5

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#24

1,1-Dichloroethane

Concen: 48.546 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX019014.D

Acq: 22 Oct 2020 10:01

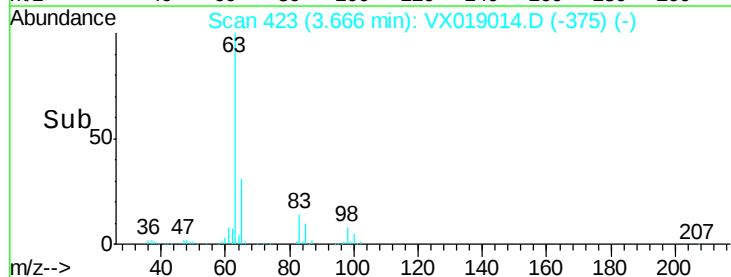
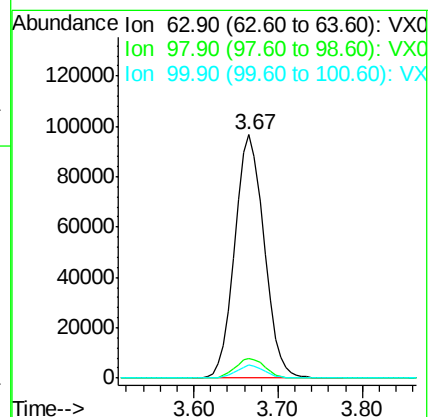
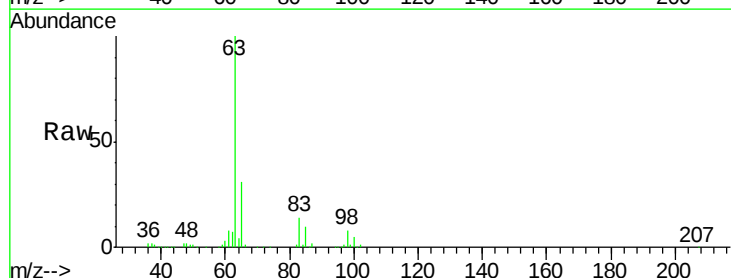
Tgt Ion: 63 Resp: 227738

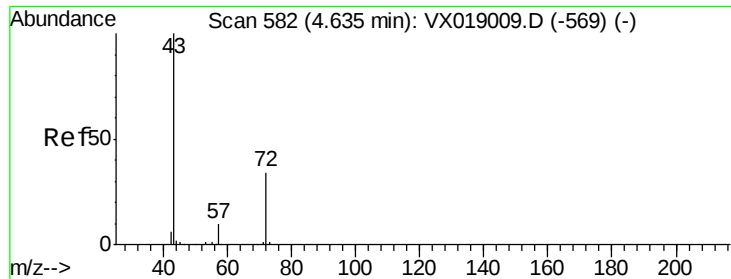
Ion Ratio Lower Upper

63 100

98 8.3 4.0 12.0

100 5.2 2.5 7.4





#25

2-Butanone

Concen: 237.325 ug/l

RT: 4.63 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX019014.D

Acq: 22 Oct 2020 10:01

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 396931

Ion Ratio Lower Upper

43 100

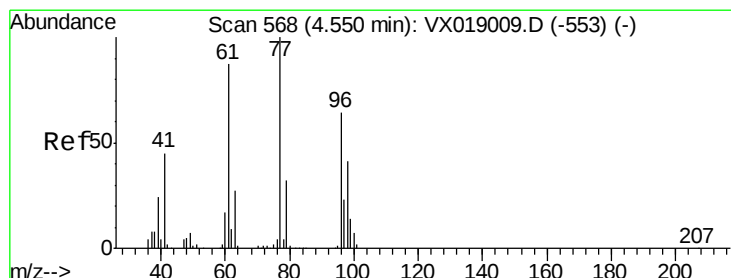
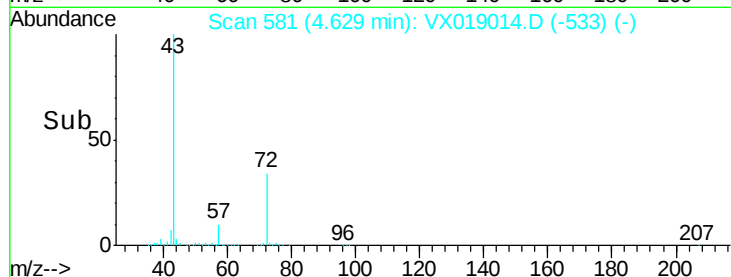
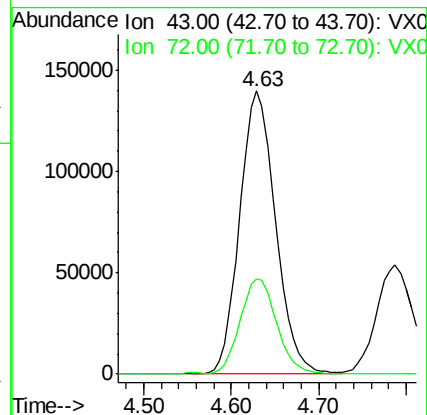
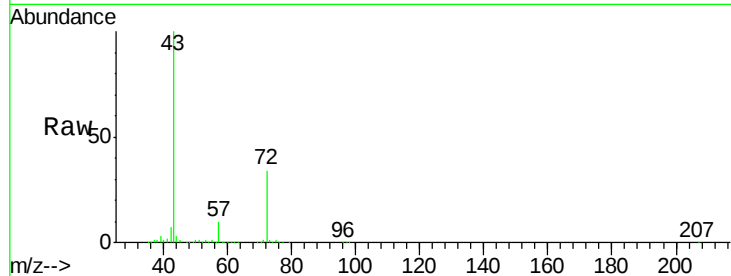
72 33.6 27.8 41.6

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#26

2,2-Dichloropropane

Concen: 51.094 ug/l

RT: 4.54 min Scan# 567

Delta R.T. -0.01 min

Lab File: VX019014.D

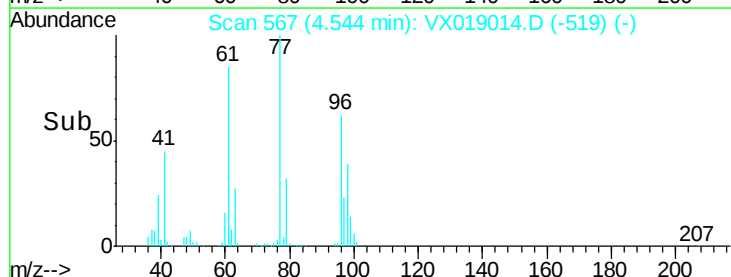
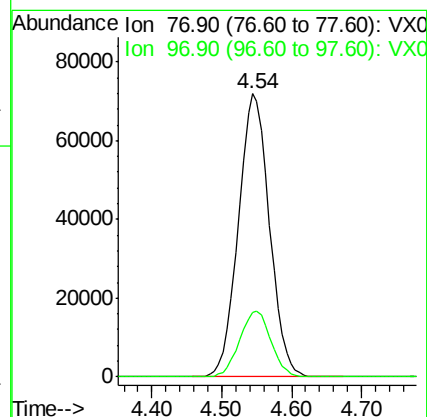
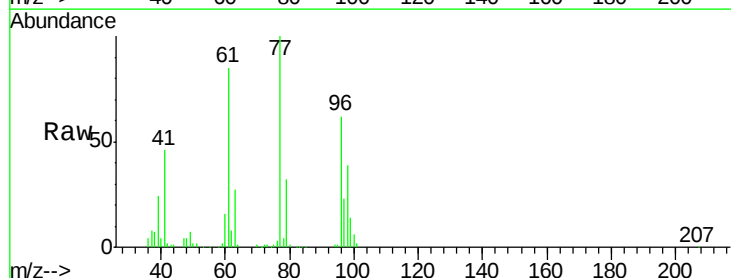
Acq: 22 Oct 2020 10:01

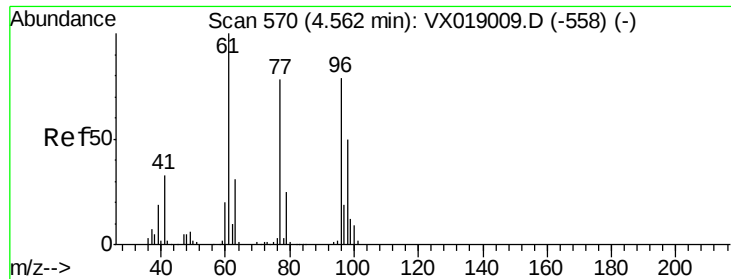
Tgt Ion: 77 Resp: 221309

Ion Ratio Lower Upper

77 100

97 23.5 11.9 35.7





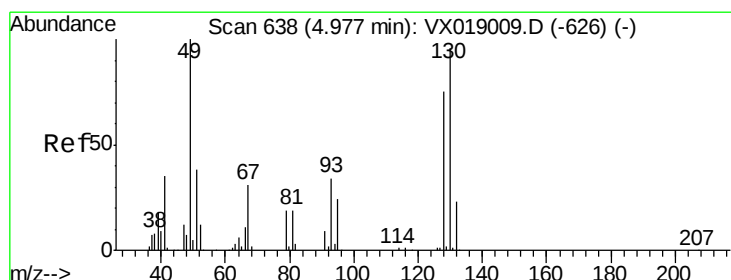
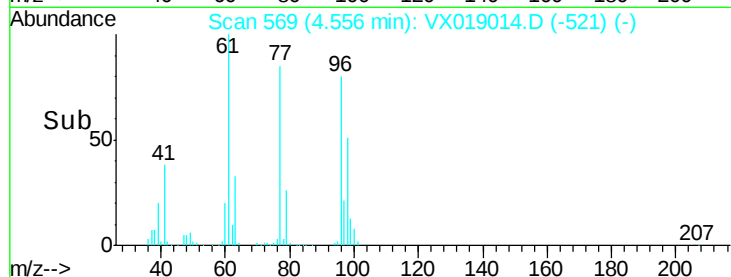
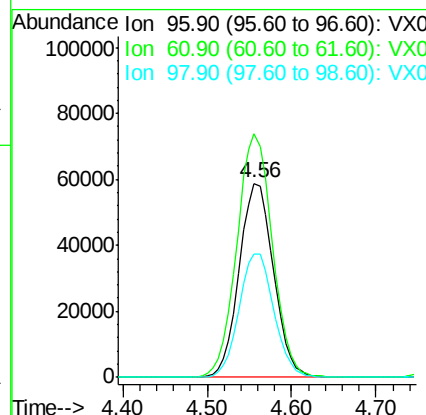
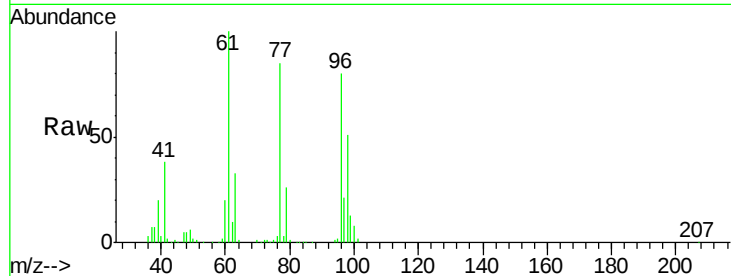
#27  
 cis-1,2-Dichloroethene  
 Concen: 48.484 ug/l  
 RT: 4.56 min Scan# 569  
 Delta R.T. -0.01 min  
 Lab File: VX019014.D  
 Acq: 22 Oct 2020 10:01

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 96      | 100   | 162132 |       |       |
| 61      | 130.2 | 0.0    | 260.0 |       |
| 98      | 64.8  | 0.0    | 131.4 |       |

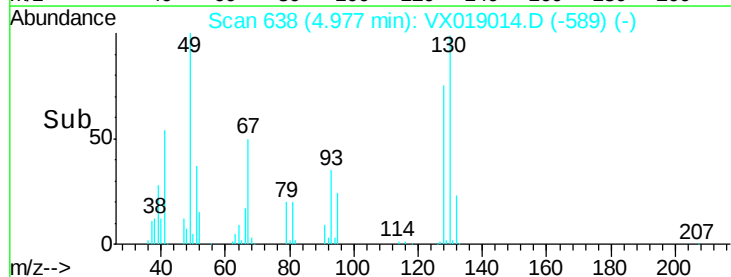
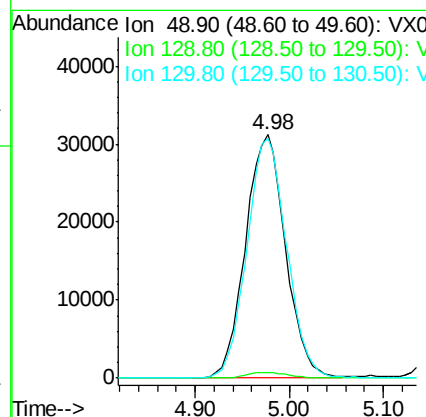
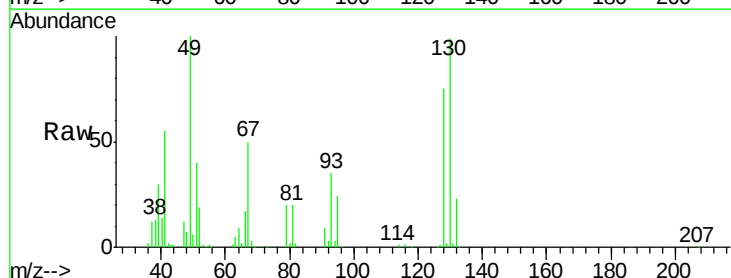
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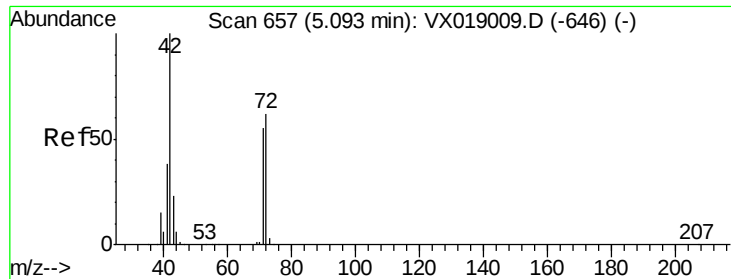
MMDadoda  
 10/23/2020 11:44:47 AM



#28  
 Bromochloromethane  
 Concen: 46.620 ug/l  
 RT: 4.98 min Scan# 638  
 Delta R.T. -0.00 min  
 Lab File: VX019014.D  
 Acq: 22 Oct 2020 10:01

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 49      | 100   | 92867 |       |       |
| 129     | 2.4   | 0.0   | 5.2   |       |
| 130     | 98.3  | 79.0  | 118.6 |       |





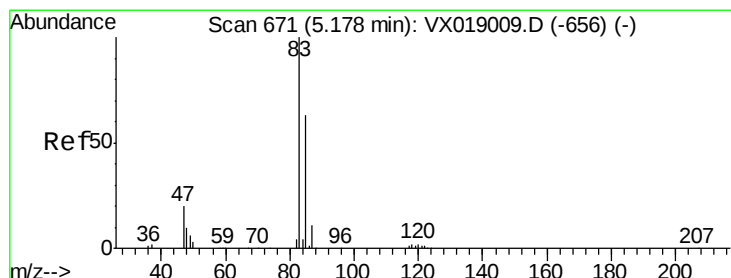
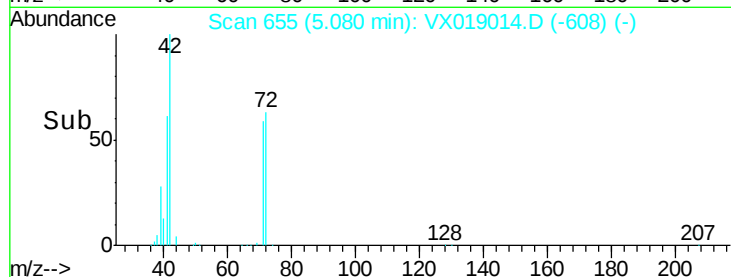
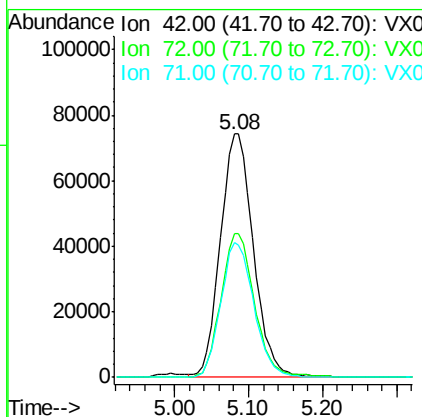
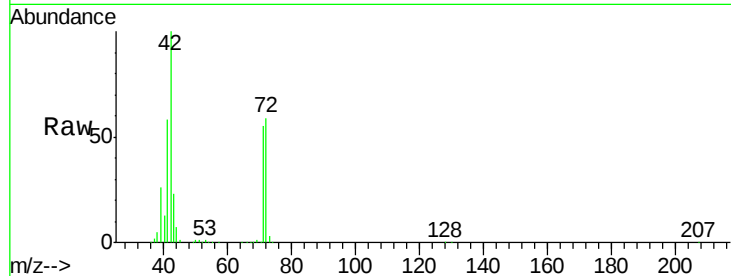
#29  
Tetrahydrofuran  
Concen: 228.360 ug/l  
RT: 5.08 min Scan# 655  
Delta R.T. -0.01 min  
Lab File: VX019014.D  
Acq: 22 Oct 2020 10:01

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 72      | 60.5  | 49.1  | 73.7  |
| 71      | 55.8  | 44.2  | 66.4  |

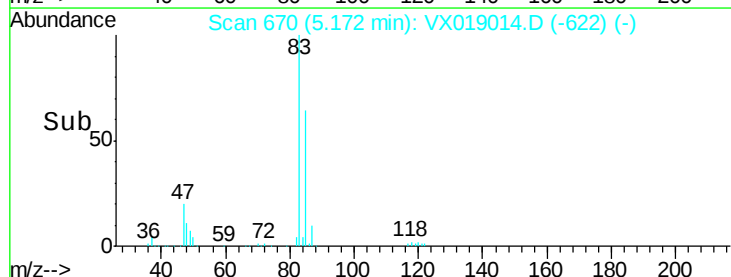
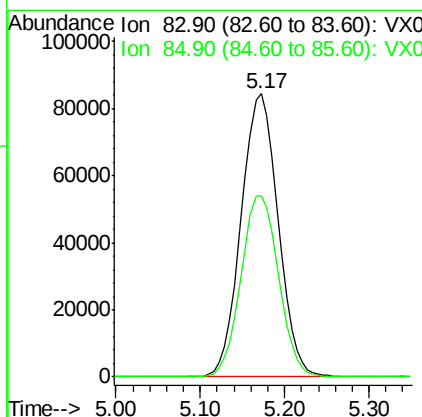
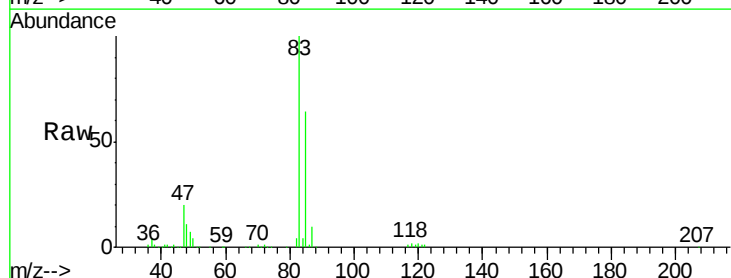
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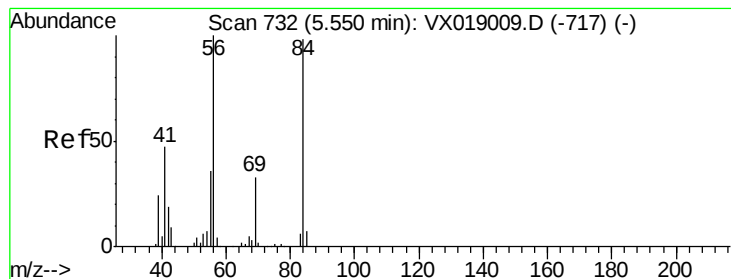
MMDadoda  
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#30  
Chloroform  
Concen: 49.480 ug/l  
RT: 5.17 min Scan# 670  
Delta R.T. -0.01 min  
Lab File: VX019014.D  
Acq: 22 Oct 2020 10:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 64.0  | 50.5  | 75.7  |





#31

Cyclohexane

Concen: 49.859 ug/l

RT: 5.54 min Scan# 731

Delta R.T. -0.01 min

Lab File: VX019014.D

Acq: 22 Oct 2020 10:01

Instrument :

MSVOA\_X

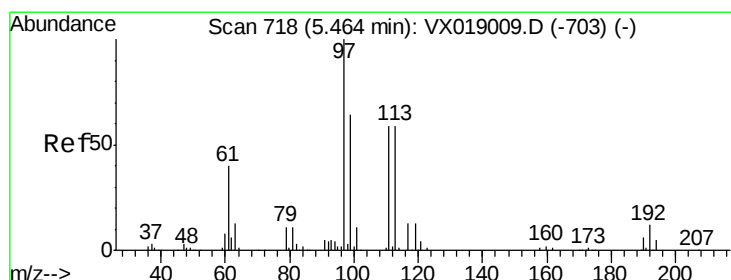
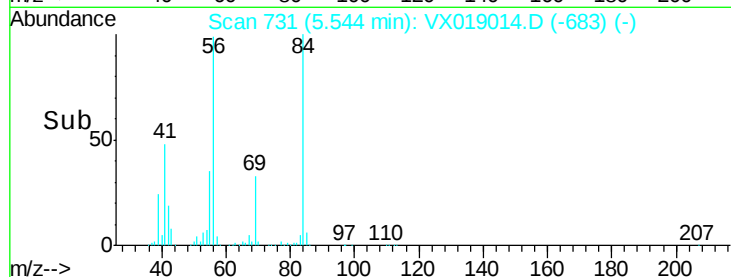
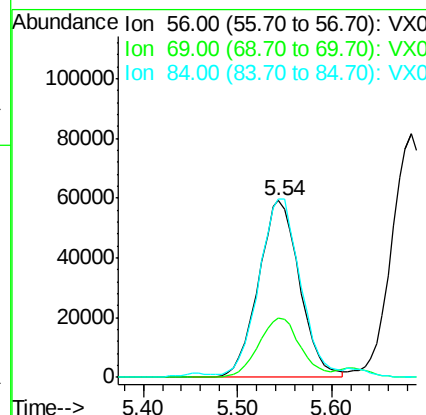
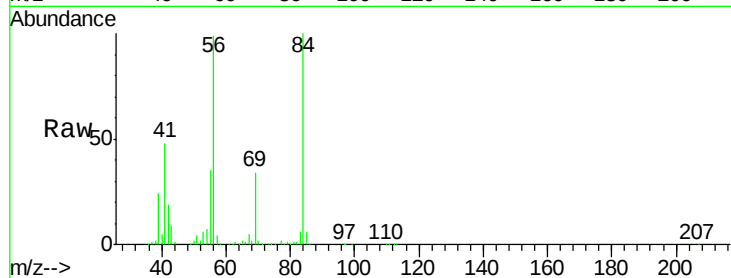
ClientSampleId :

VSTDCCC050

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 56    | Resp: | 181449 |
| Ion      | Ratio | Lower | Upper  |
| 56       | 100   |       |        |
| 69       | 33.8  | 26.2  | 39.2   |
| 84       | 98.7  | 78.3  | 117.5  |

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#32

1,1,1-Trichloroethane

Concen: 49.386 ug/l

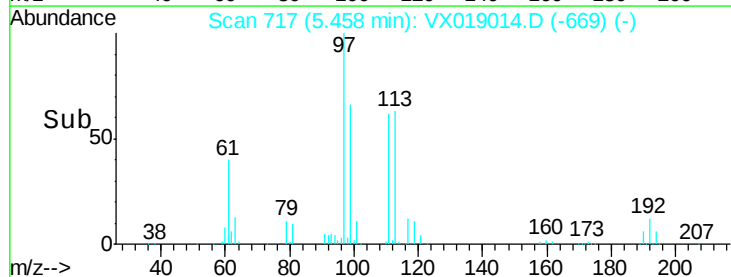
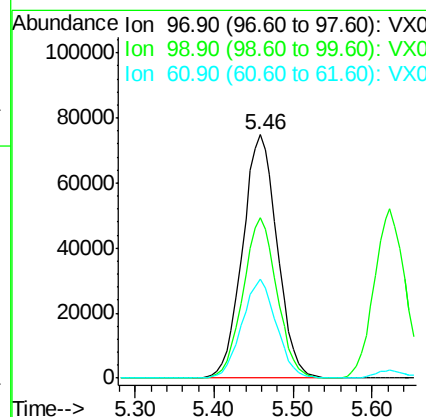
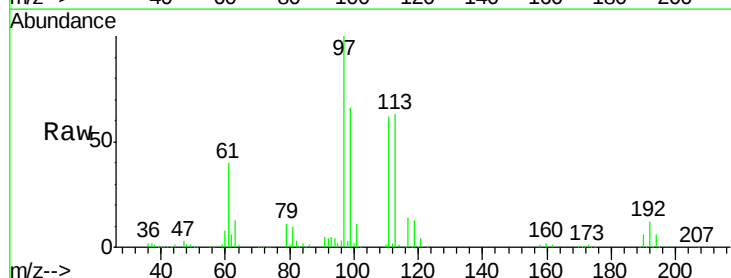
RT: 5.46 min Scan# 717

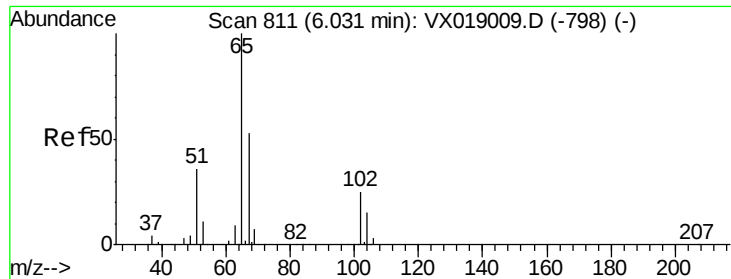
Delta R.T. -0.01 min

Lab File: VX019014.D

Acq: 22 Oct 2020 10:01

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 97    | Resp: | 228126 |
| Ion      | Ratio | Lower | Upper  |
| 97       | 100   |       |        |
| 99       | 64.4  | 51.3  | 76.9   |
| 61       | 40.2  | 31.9  | 47.9   |





#33

1,2-Dichloroethane-d4

Concen: 48.050 ug/l

RT: 6.03 min Scan# 810

Delta R.T. -0.01 min

Lab File: VX019014.D

Acq: 22 Oct 2020 10:01

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

Tot Ion: 65 Resp: 149322

Ion Ratio Lower Upper

65 100

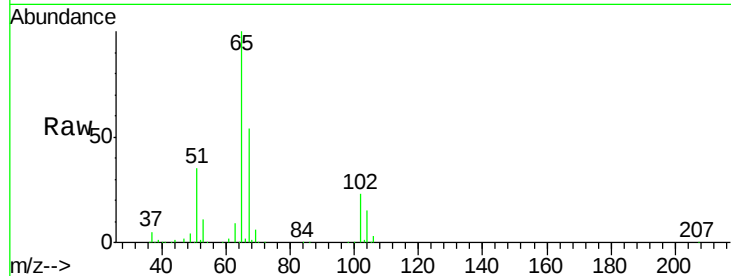
67 53.0 0.0 107.0

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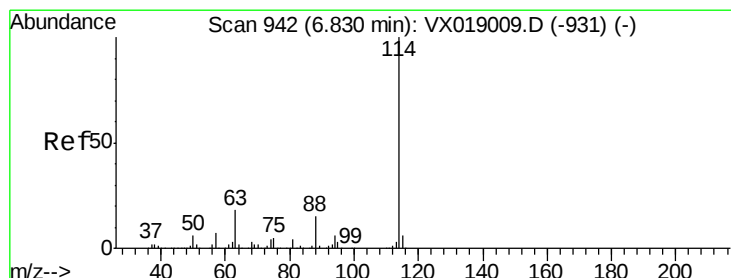
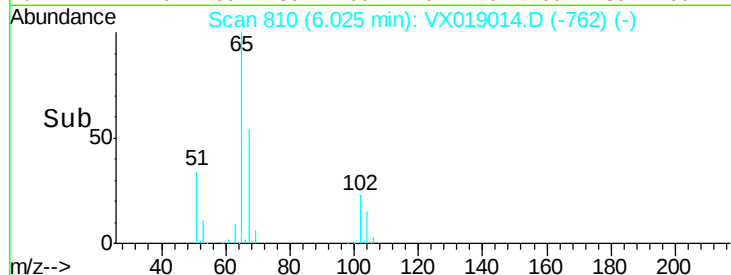
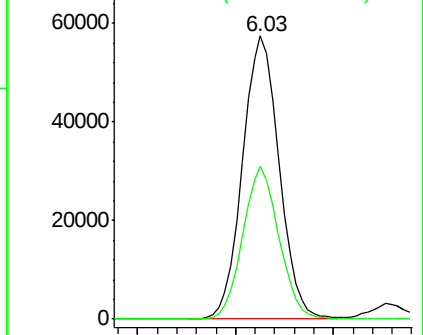
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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.82 min Scan# 941

Delta R.T. -0.01 min

Lab File: VX019014.D

Acq: 22 Oct 2020 10:01

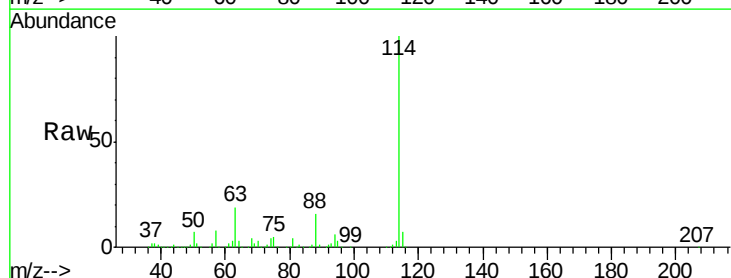
Tgt Ion: 114 Resp: 421650

Ion Ratio Lower Upper

114 100

63 18.8 0.0 36.8

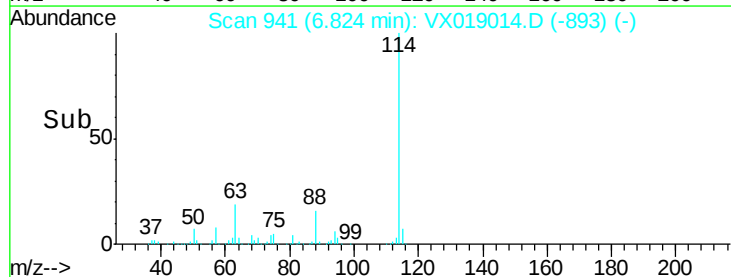
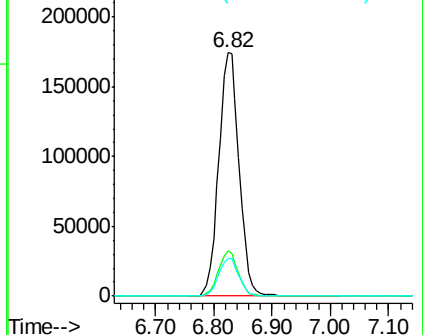
88 15.7 0.0 30.2

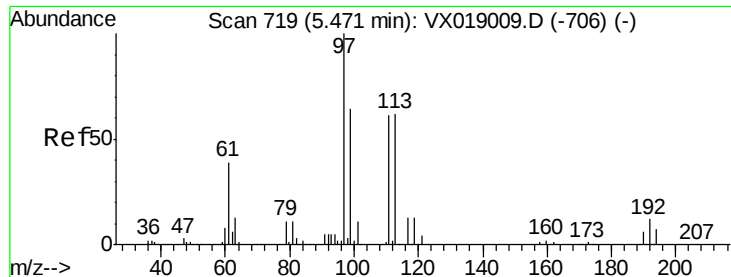


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





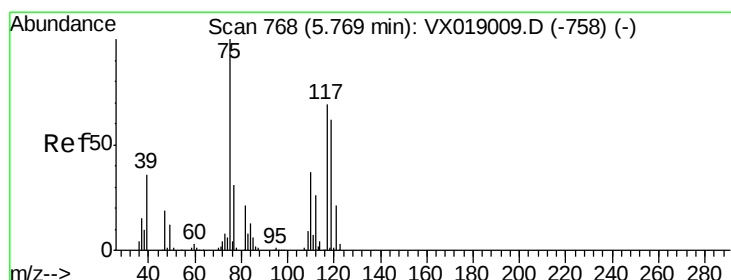
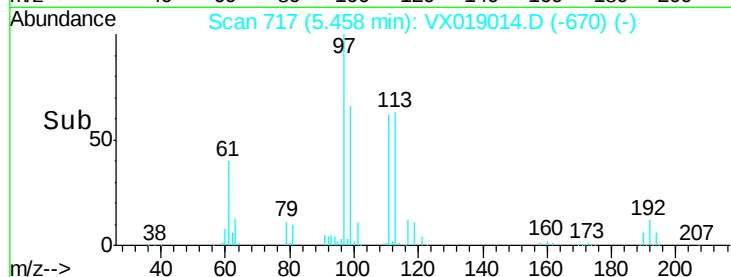
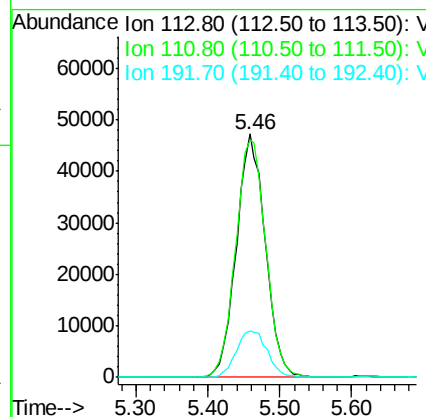
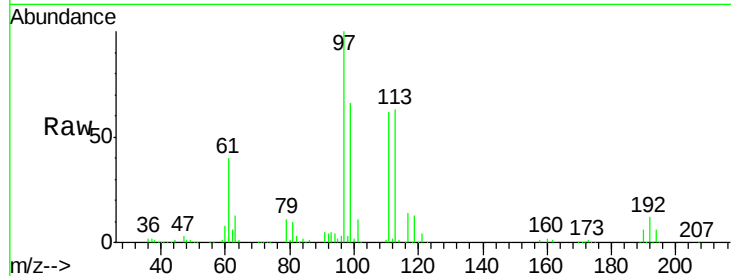
#35  
 Dibromofluoromethane  
 Concen: 49.308 ug/l  
 RT: 5.46 min Scan# 717  
 Delta R.T. -0.01 min  
 Lab File: VX019014.D  
 Acq: 22 Oct 2020 10:01

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 113     | 100   | 131632 |       |       |
| 111     | 101.9 | 81.5   | 122.3 |       |
| 192     | 20.5  | 16.3   | 24.5  |       |

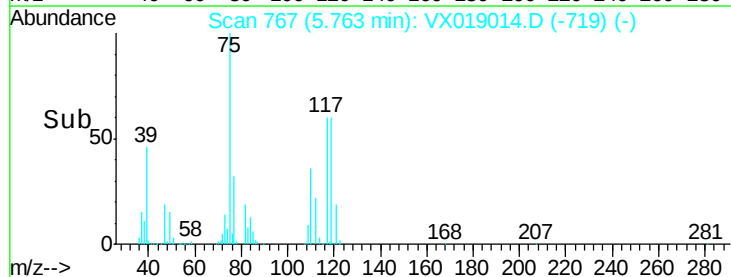
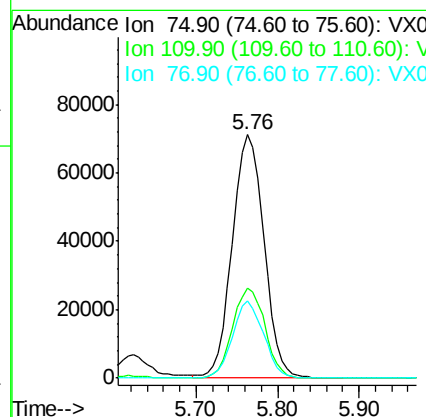
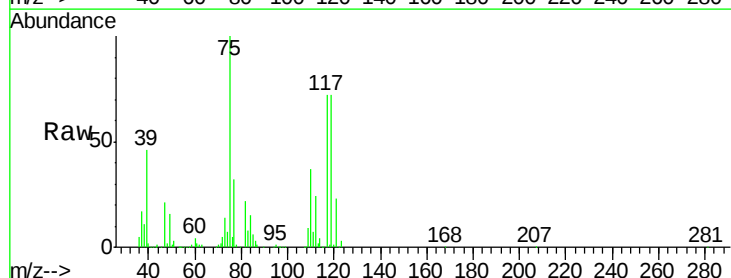
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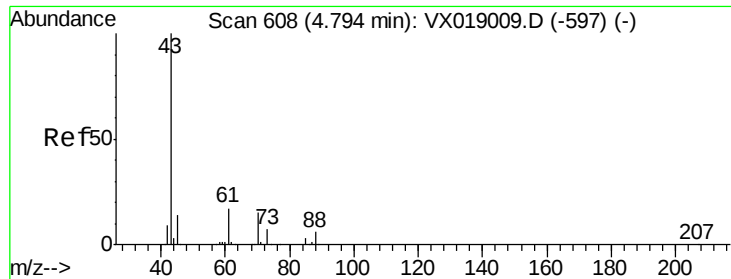
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#36  
 1,1-Dichloropropene  
 Concen: 50.657 ug/l  
 RT: 5.76 min Scan# 767  
 Delta R.T. -0.01 min  
 Lab File: VX019014.D  
 Acq: 22 Oct 2020 10:01

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 75      | 100   | 191659 |       |       |
| 110     | 37.5  | 19.4   | 58.2  |       |
| 77      | 31.0  | 25.2   | 37.8  |       |





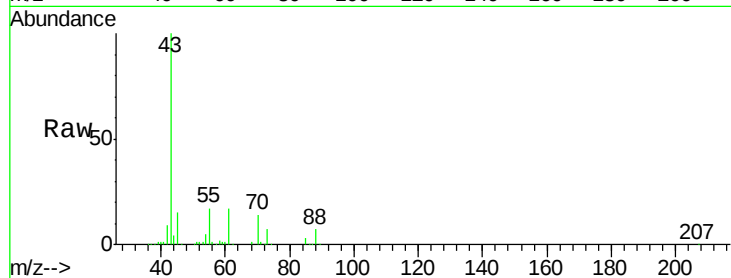
#37  
Ethyl Acetate  
Concen: 48.721 ug/l  
RT: 4.79 min Scan# 607  
Delta R.T. -0.01 min  
Lab File: VX019014.D  
Acq: 22 Oct 2020 10:01

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 17.0  | 13.8  | 20.8  |
| 70      | 14.1  | 11.4  | 17.2  |

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MMDadoda  
10/23/2020 11:44:47 AM

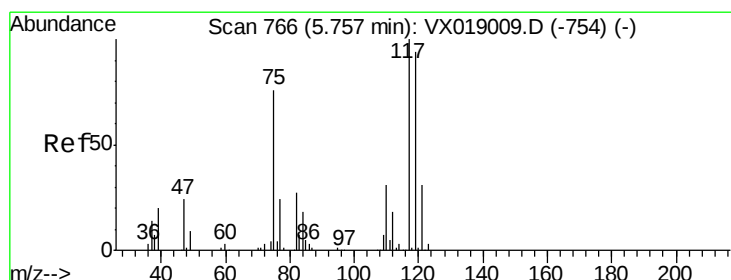
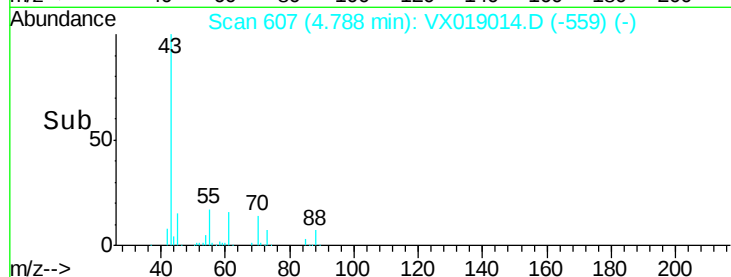
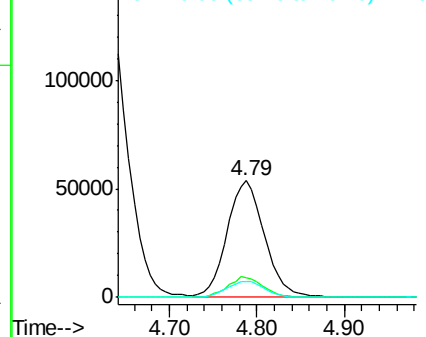


Abundance

Ion 43.00 (42.70 to 43.70): VX019009.D (-597) (-)

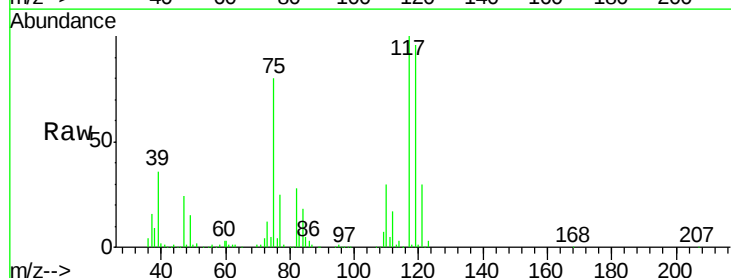
Ion 60.90 (60.60 to 61.60): VX019009.D (-597) (-)

Ion 70.00 (69.70 to 70.70): VX019009.D (-597) (-)



#38  
Carbon Tetrachloride  
Concen: 49.756 ug/l  
RT: 5.75 min Scan# 765  
Delta R.T. -0.01 min  
Lab File: VX019014.D  
Acq: 22 Oct 2020 10:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 96.4  | 75.4  | 113.0 |
| 121     | 30.3  | 25.0  | 37.6  |

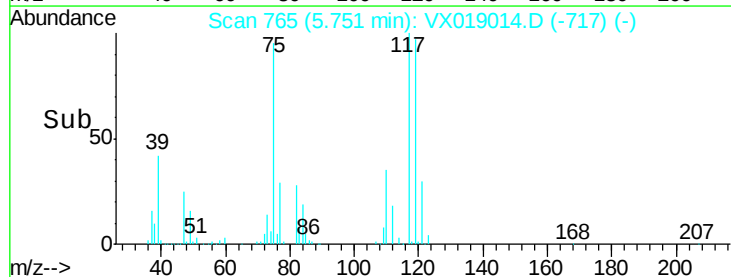
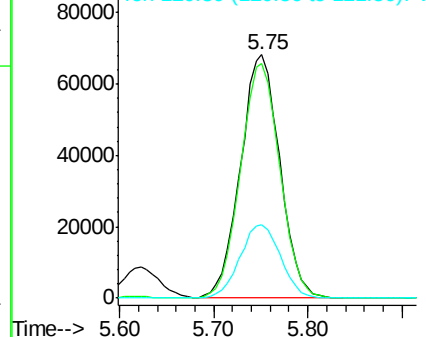


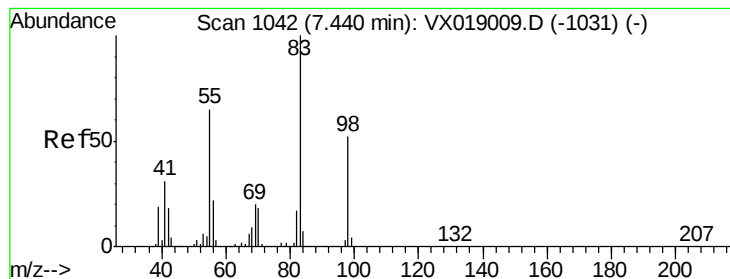
Abundance

Ion 116.80 (116.50 to 117.50): VX019009.D (-754) (-)

Ion 118.80 (118.50 to 119.50): VX019009.D (-754) (-)

Ion 120.80 (120.50 to 121.50): VX019009.D (-754) (-)





#39

Methvlcvclohexane

Concen: 51.259 ug/l

RT: 7.43 min Scan# 1041

Delta R.T. -0.01 min

Lab File: VX019014.D

Acq: 22 Oct 2020 10:01

Instrument :

MSVOA\_X

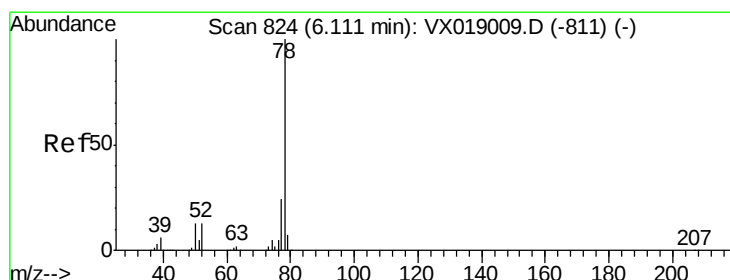
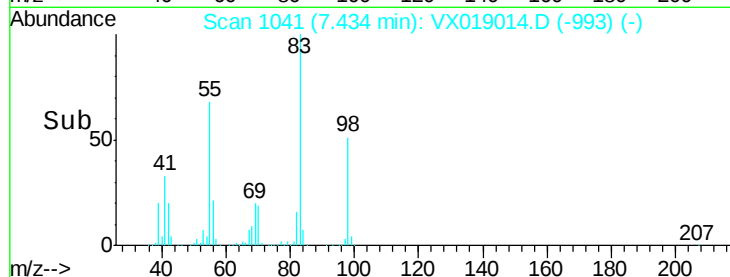
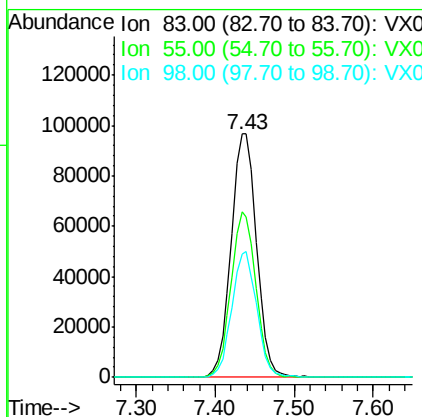
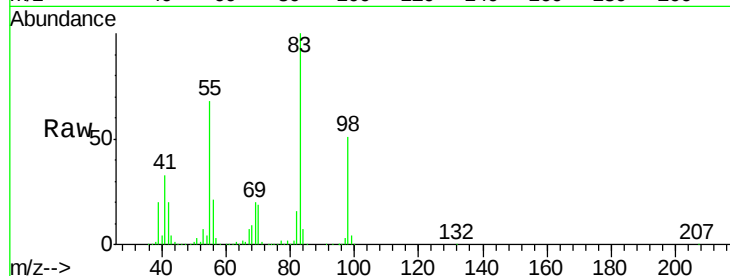
ClientSampleId :

VSTDCCC050

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 83    | Resp: | 217276 |
| Ion      | Ratio | Lower | Upper  |
| 83       | 100   |       |        |
| 55       | 68.1  | 51.8  | 77.6   |
| 98       | 50.8  | 41.4  | 62.2   |

Manual Integrations  
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#40

Benzene

Concen: 50.197 ug/l

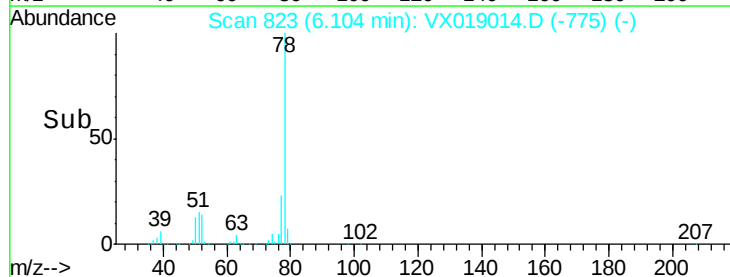
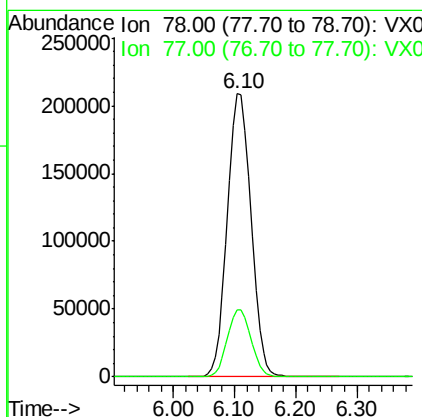
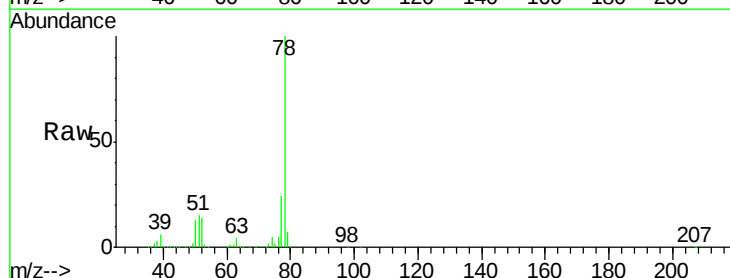
RT: 6.10 min Scan# 823

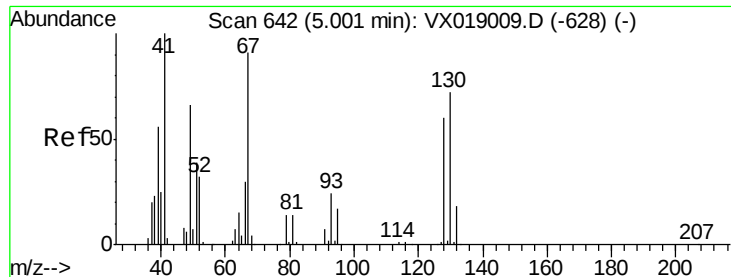
Delta R.T. -0.01 min

Lab File: VX019014.D

Acq: 22 Oct 2020 10:01

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 78    | Resp: | 559330 |
| Ion      | Ratio | Lower | Upper  |
| 78       | 100   |       |        |
| 77       | 23.7  | 19.3  | 28.9   |





#41

Methacrylonitrile

Concen: 47.925 ug/l

RT: 4.99 min Scan# 641

Delta R.T. -0.01 min

Lab File: VX019014.D

Acq: 22 Oct 2020 10:01

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

Tot Ion: 41 Resp: 83133

Ion Ratio Lower Upper

41 100

39 56.9 44.6 67.0

67 95.3 76.1 114.1

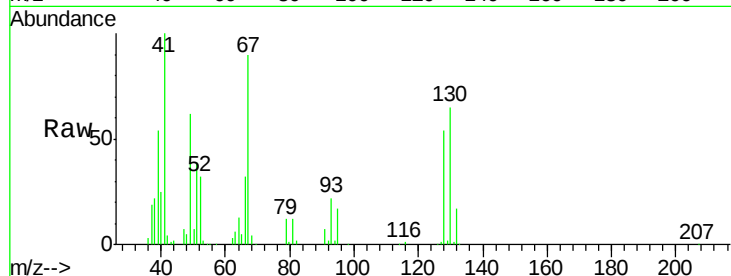
52 34.8 28.3 42.5

Manual Integrations

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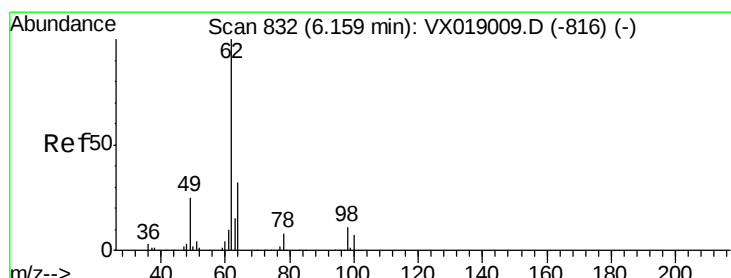
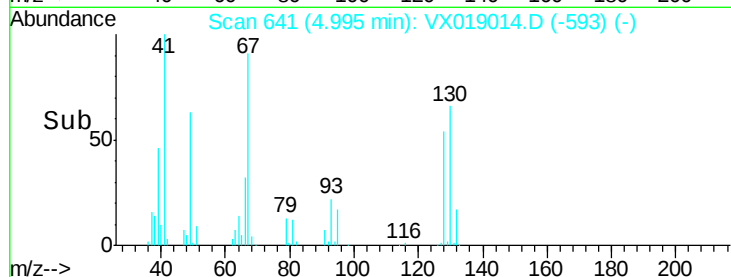
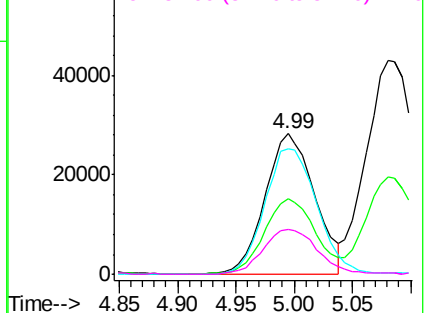


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 50.359 ug/l

RT: 6.15 min Scan# 831

Delta R.T. -0.01 min

Lab File: VX019014.D

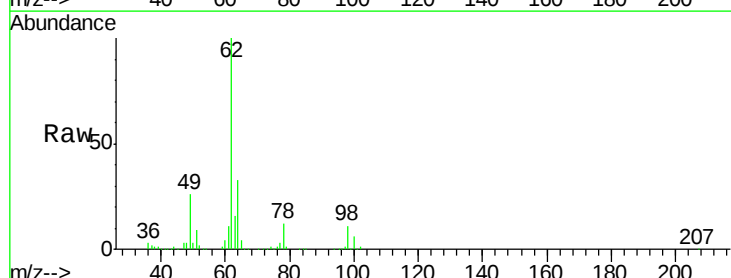
Acq: 22 Oct 2020 10:01

Tgt Ion: 62 Resp: 191499

Ion Ratio Lower Upper

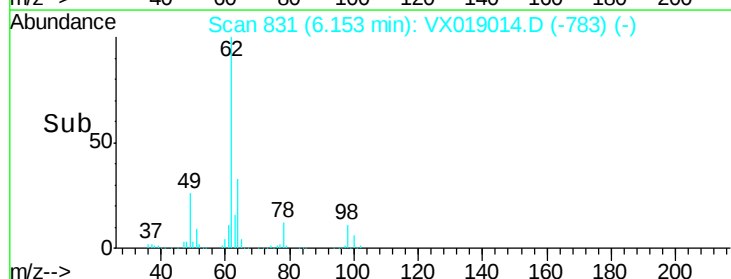
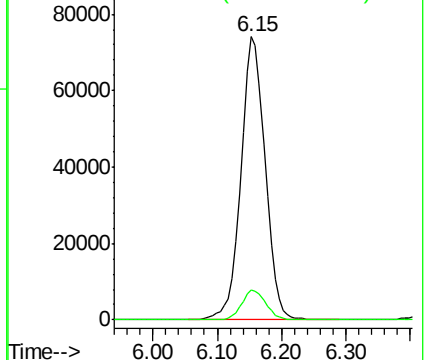
62 100

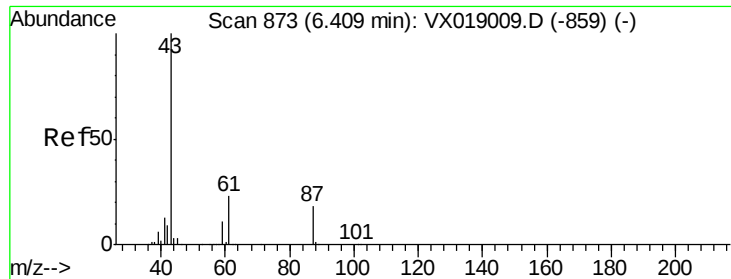
98 10.6 0.0 20.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





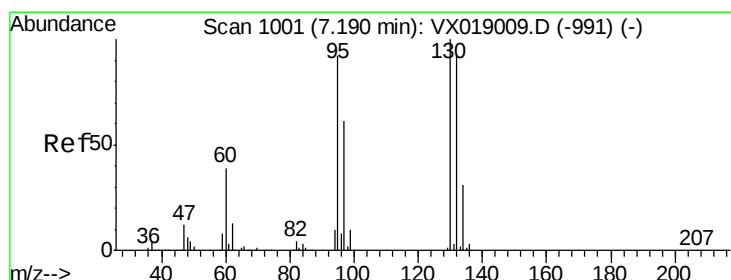
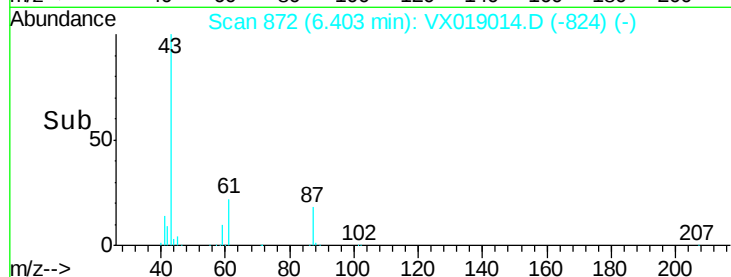
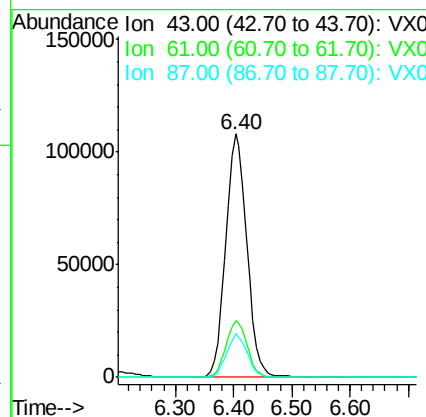
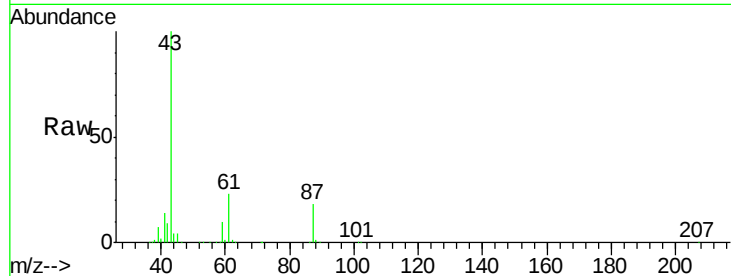
#43  
Isopropyl Acetate  
Concen: 49.616 ug/l  
RT: 6.40 min Scan# 872  
Delta R.T. -0.01 min  
Lab File: VX019014.D  
Acq: 22 Oct 2020 10:01

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 23.7  | 18.7  | 28.1  |
| 87      | 17.6  | 14.2  | 21.4  |

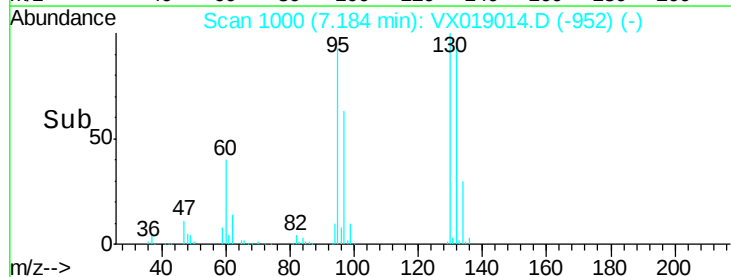
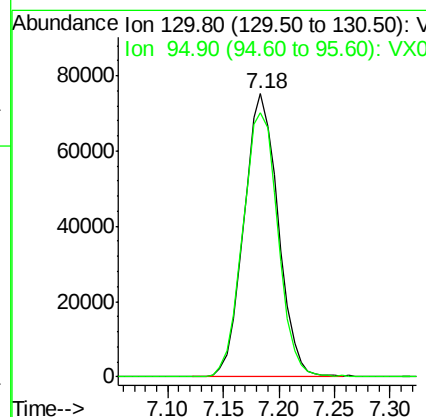
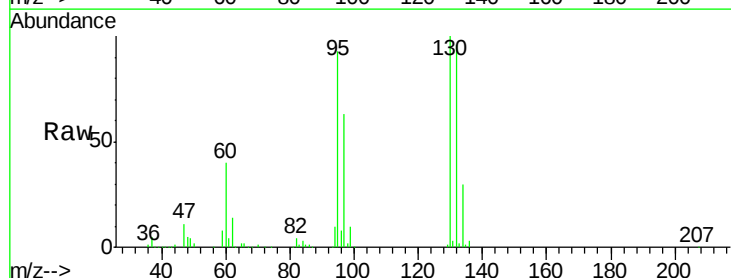
Manual Integrations  
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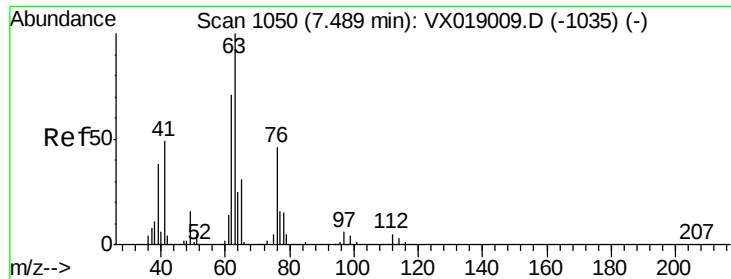
MMDadoda  
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#44  
Trichloroethene  
Concen: 49.425 ug/l  
RT: 7.18 min Scan# 1000  
Delta R.T. -0.01 min  
Lab File: VX019014.D  
Acq: 22 Oct 2020 10:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 130     | 100   |       |       |
| 95      | 93.1  | 0.0   | 184.2 |





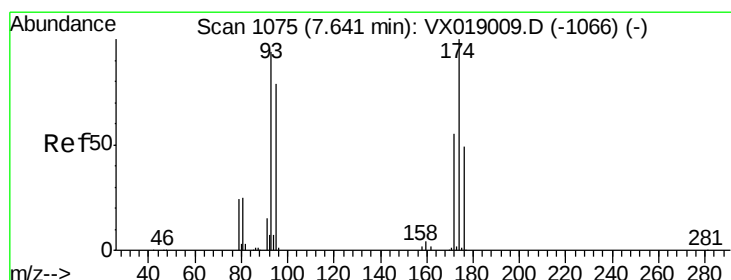
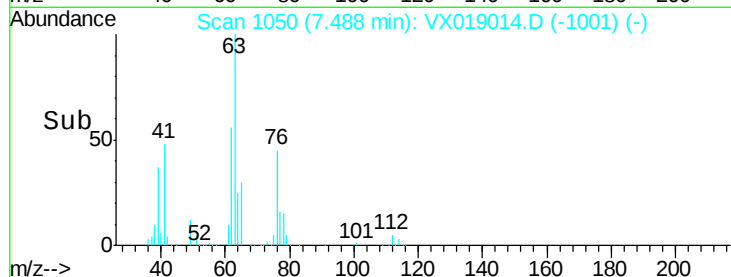
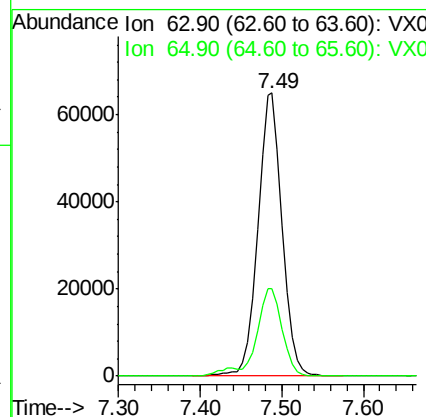
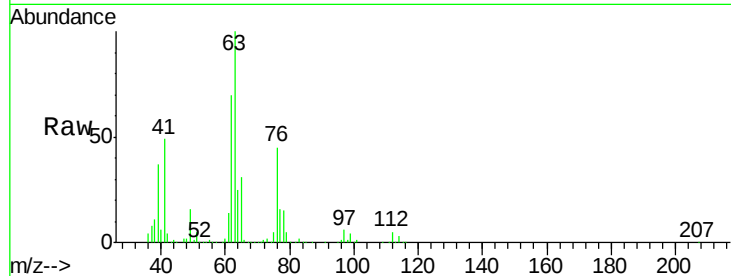
#45  
 1,2-Dichloropropane  
 Concen: 50.440 ug/l  
 RT: 7.49 min Scan# 1050  
 Delta R.T. -0.00 min  
 Lab File: VX019014.D  
 Acq: 22 Oct 2020 10:01

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 63      | 100   |       |       |
| 65      | 30.9  | 24.9  | 37.3  |

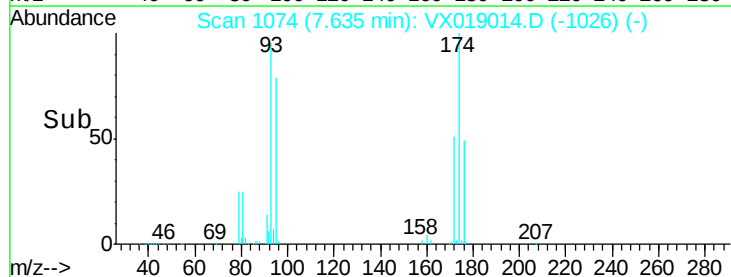
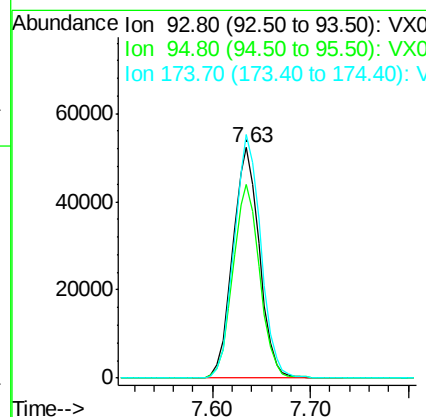
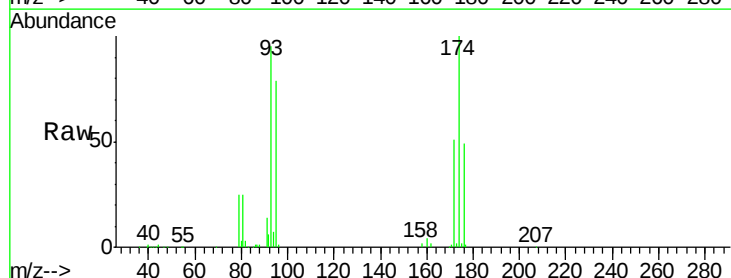
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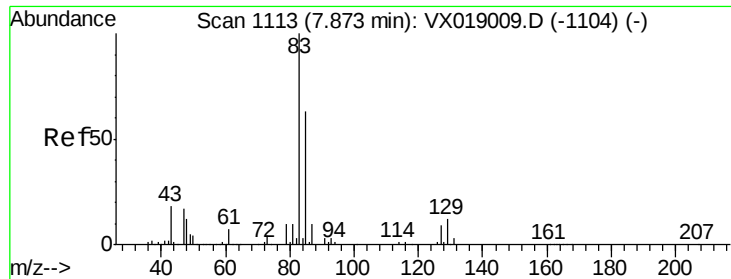
MMDadoda  
 10/23/2020 11:44:47 AM



#46  
 Dibromomethane  
 Concen: 48.520 ug/l  
 RT: 7.63 min Scan# 1074  
 Delta R.T. -0.01 min  
 Lab File: VX019014.D  
 Acq: 22 Oct 2020 10:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 84.5  | 66.8  | 100.2 |
| 174     | 105.7 | 83.8  | 125.8 |





#47

Bromodichloromethane

Concen: 51.397 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.00 min

Lab File: VX019014.D

Acq: 22 Oct 2020 10:01

Instrument :

MSVOA\_X

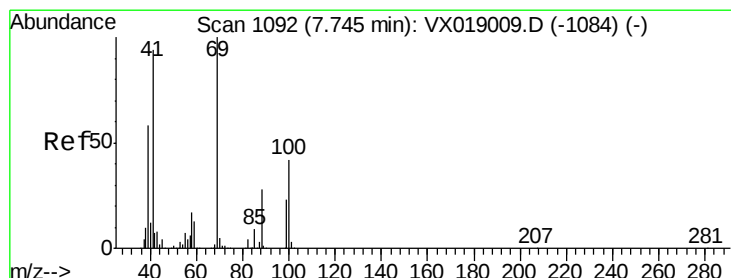
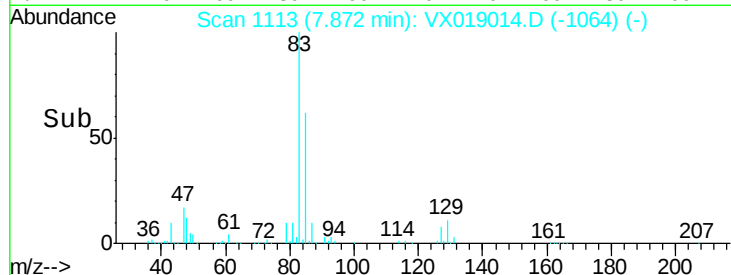
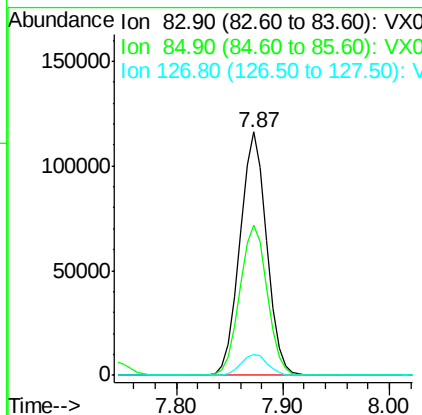
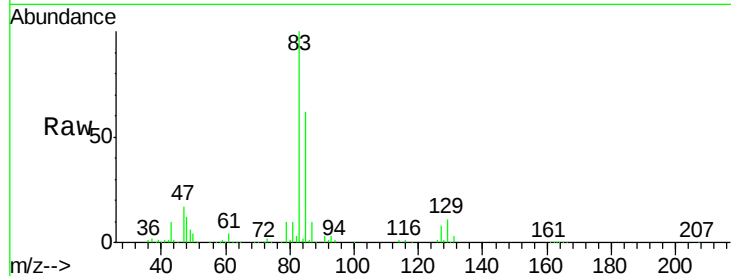
ClientSampleId :

VSTDCCC050

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 83    | Resp: | 205150 |
| Ion Ratio | Lower | Upper |        |
| 83        | 100   |       |        |
| 85        | 61.7  | 50.7  | 76.1   |
| 127       | 8.3   | 6.8   | 10.2   |

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#48

Methyl methacrylate

Concen: 48.015 ug/l

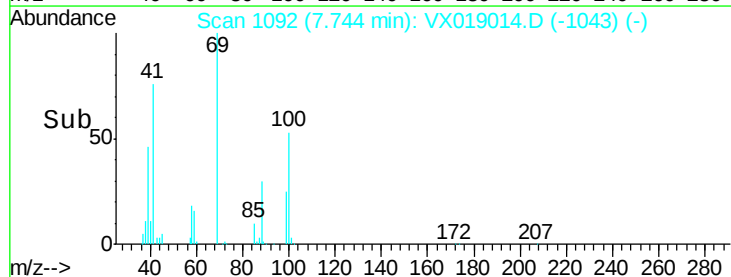
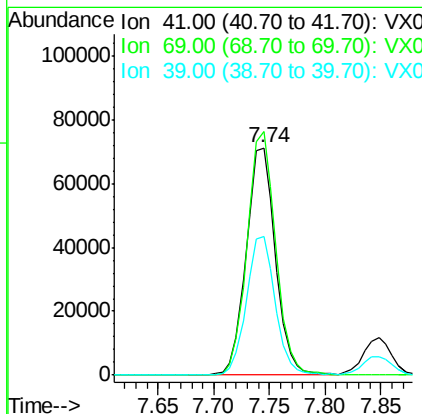
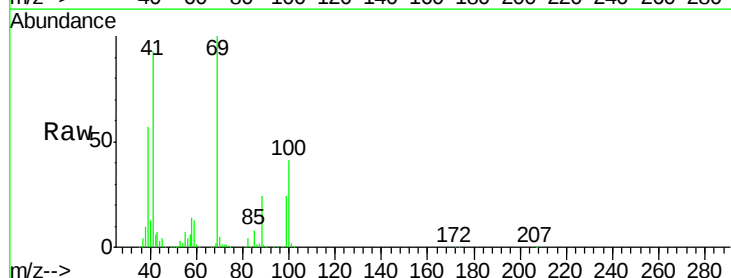
RT: 7.74 min Scan# 1092

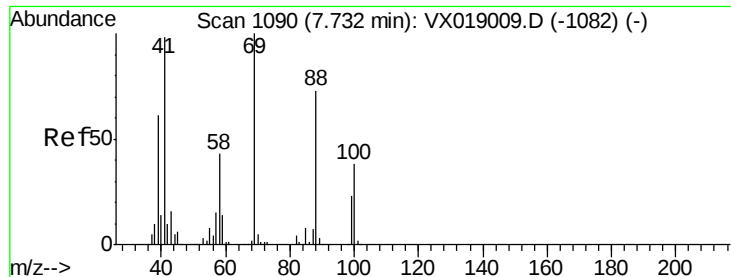
Delta R.T. -0.00 min

Lab File: VX019014.D

Acq: 22 Oct 2020 10:01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 41    | Resp: | 129388 |
| Ion Ratio | Lower | Upper |        |
| 41        | 100   |       |        |
| 69        | 105.6 | 85.5  | 128.3  |
| 39        | 60.3  | 49.3  | 73.9   |





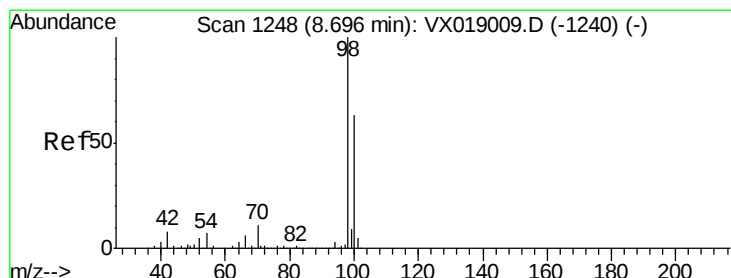
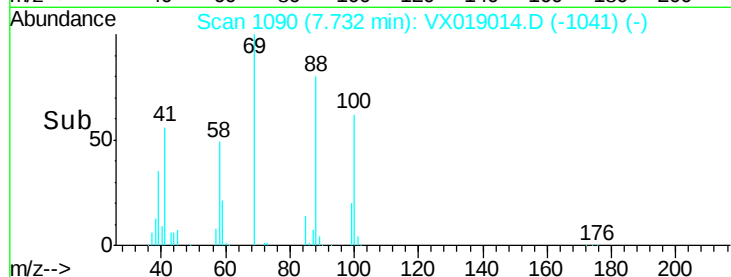
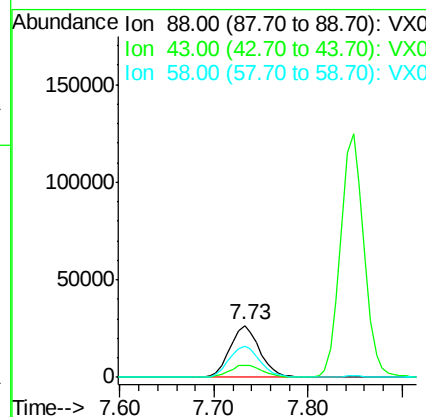
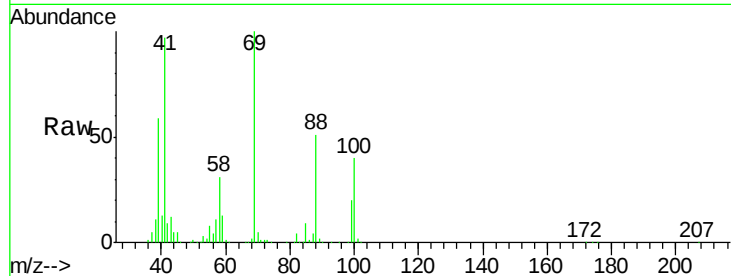
#49  
1,4-Dioxane  
Concen: 969.070 ug/l  
RT: 7.73 min Scan# 1090  
Delta R.T. -0.00 min  
Lab File: VX019014.D  
Acq: 22 Oct 2020 10:01

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 43      | 25.5  | 20.3  | 30.5  |
| 58      | 61.6  | 48.4  | 72.6  |

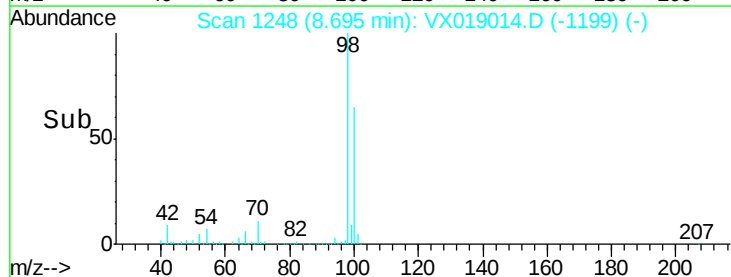
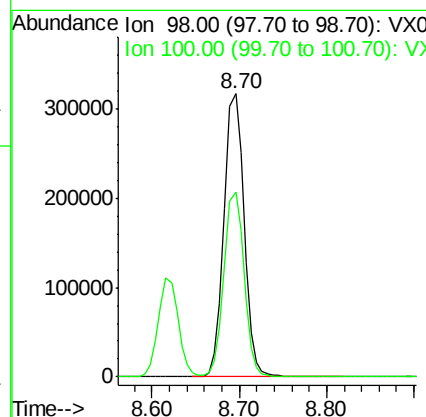
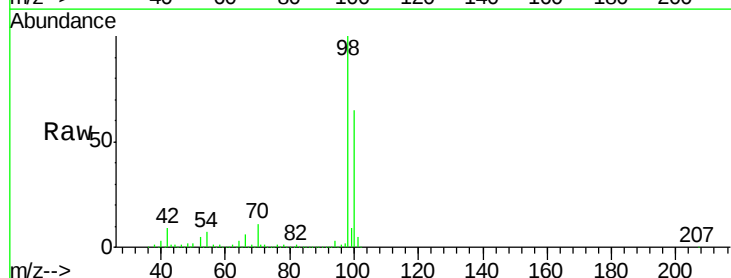
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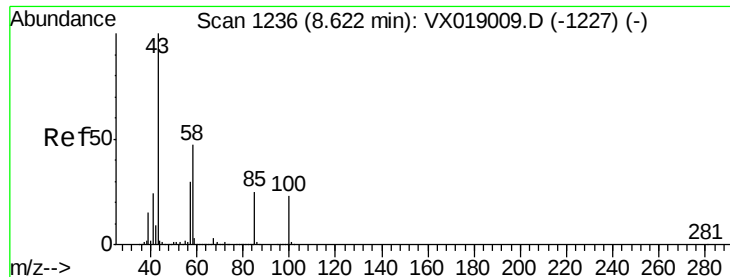
MMDadoda  
10/23/2020 11:44:47 AM



#50  
Toluene-d8  
Concen: 49.620 ug/l  
RT: 8.70 min Scan# 1248  
Delta R.T. -0.00 min  
Lab File: VX019014.D  
Acq: 22 Oct 2020 10:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 98      | 100   |       |       |
| 100     | 65.5  | 52.1  | 78.1  |





#51

4-Methyl-2-Pentanone

Concen: 249.727 ug/l

RT: 8.62 min Scan# 1235

Delta R.T. -0.01 min

Lab File: VX019014.D

Acq: 22 Oct 2020 10:01

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 804788

Ion Ratio Lower Upper

43 100

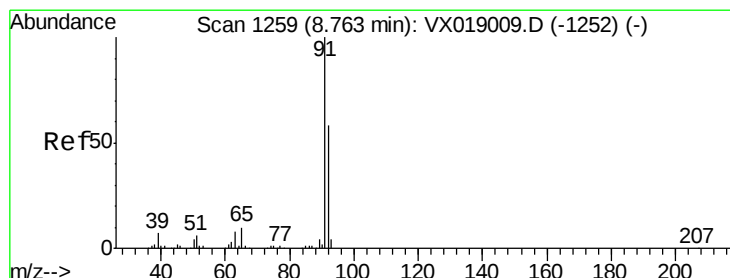
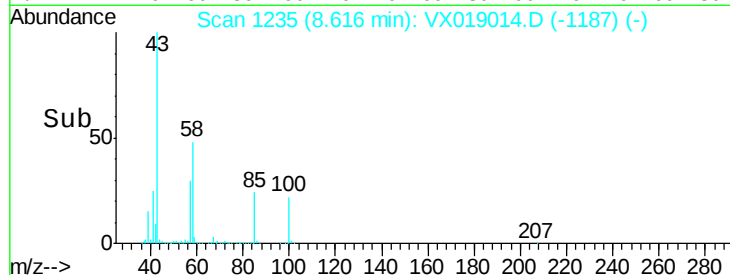
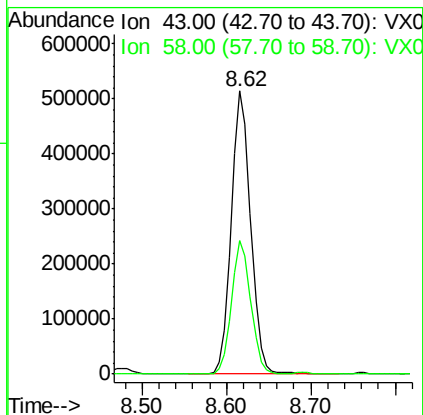
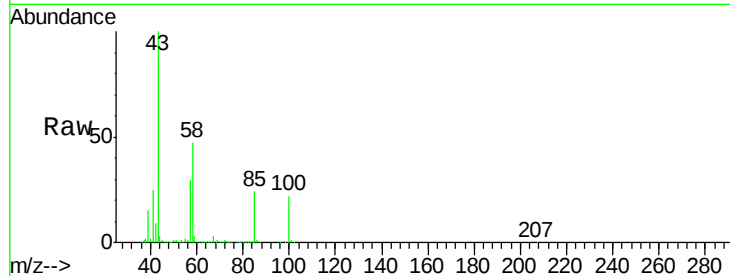
58 46.8 37.4 56.0

Manual Integrations

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10/23/2020 11:44:47 AM



#52

Toluene

Concen: 50.661 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.00 min

Lab File: VX019014.D

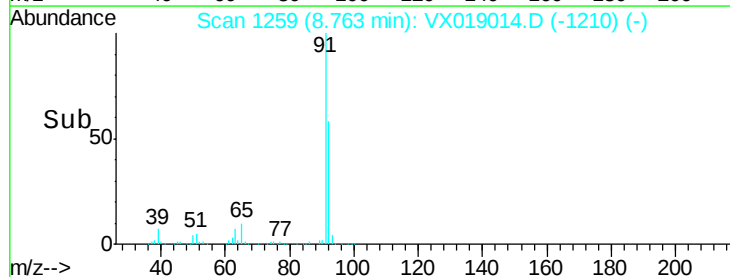
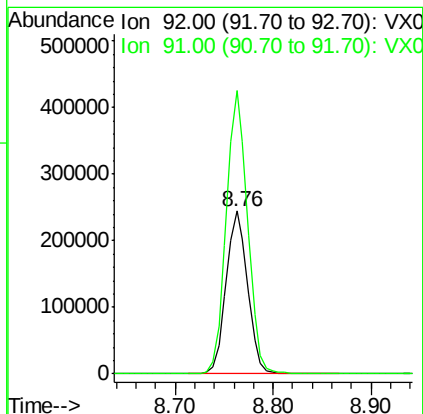
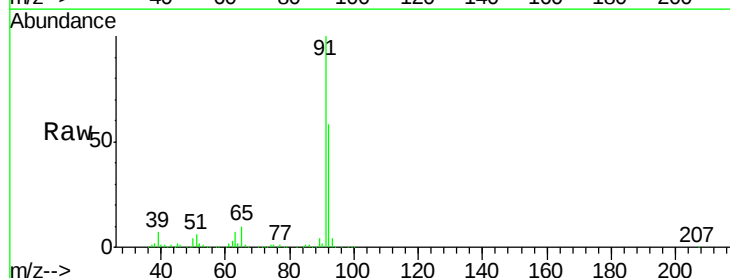
Acq: 22 Oct 2020 10:01

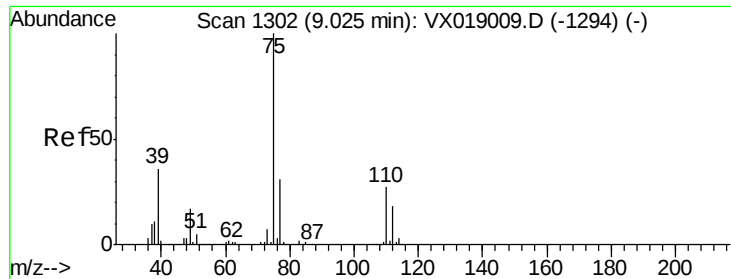
Tgt Ion: 92 Resp: 372848

Ion Ratio Lower Upper

92 100

91 172.4 138.6 208.0





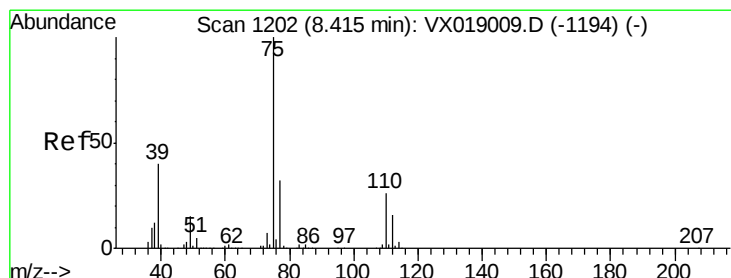
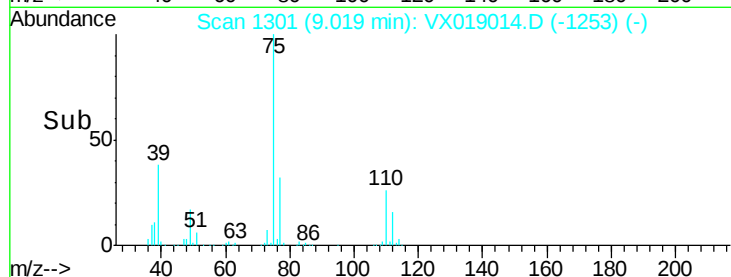
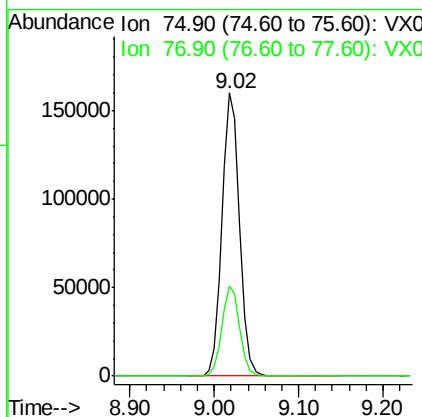
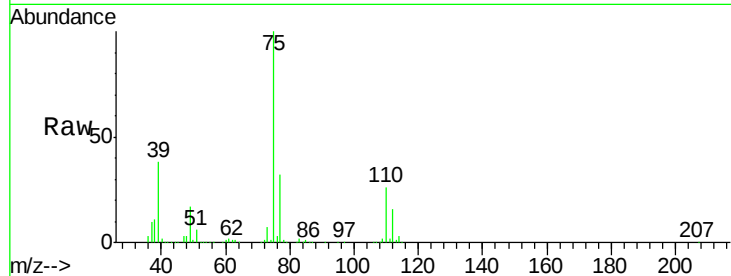
#53  
t-1,3-Dichloropropene  
Concen: 51.243 ug/l  
RT: 9.02 min Scan# 1301  
Delta R.T. -0.01 min  
Lab File: VX019014.D  
Acq: 22 Oct 2020 10:01

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

Tot Ion: 75 Resp: 230971  
Ion Ratio Lower Upper  
75 100  
77 32.0 25.1 37.7

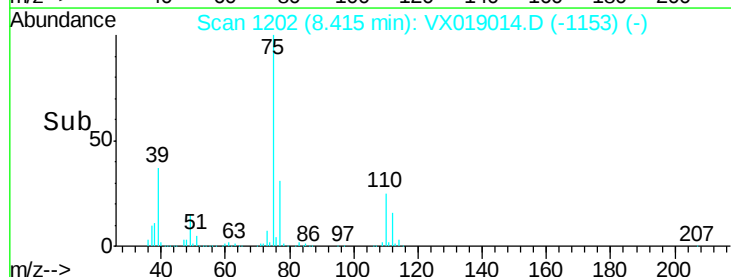
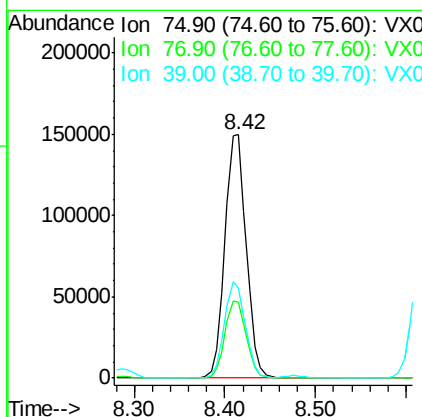
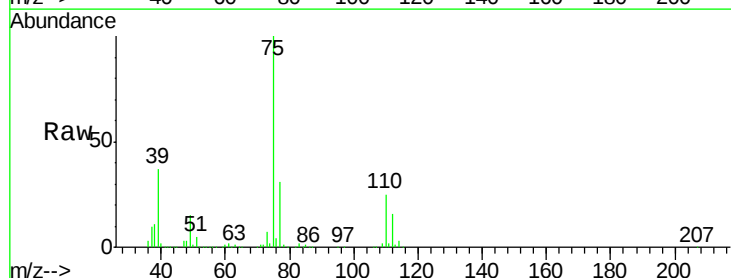
Manual Integrations  
APPROVED

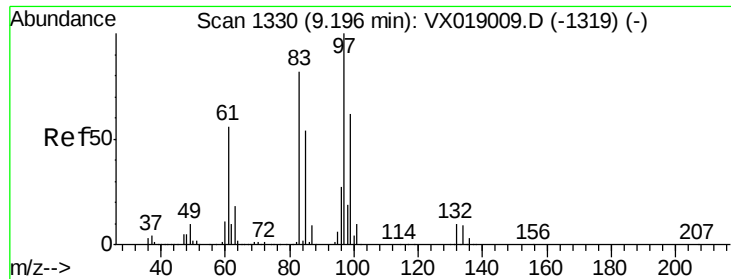
MMDadoda  
10/23/2020 11:44:47 AM



#54  
cis-1,3-Dichloropropene  
Concen: 51.381 ug/l  
RT: 8.42 min Scan# 1202  
Delta R.T. -0.00 min  
Lab File: VX019014.D  
Acq: 22 Oct 2020 10:01

Tgt Ion: 75 Resp: 244563  
Ion Ratio Lower Upper  
75 100  
77 31.1 25.9 38.9  
39 37.1 31.7 47.5





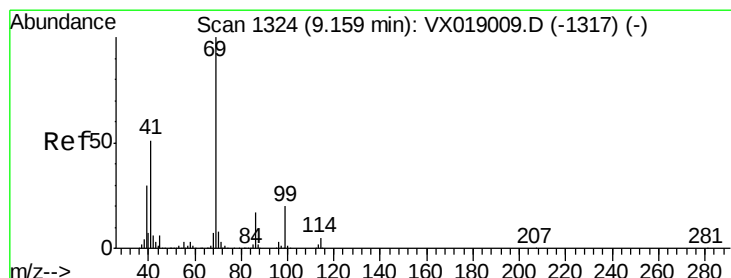
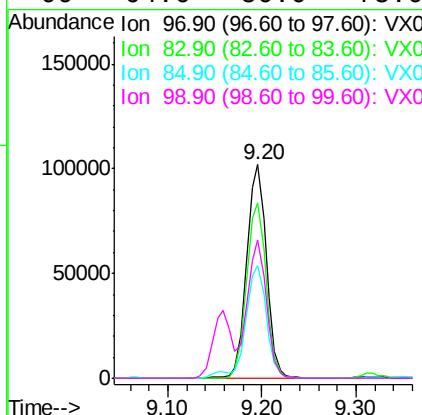
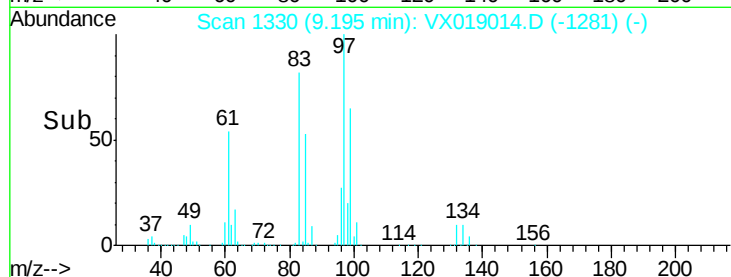
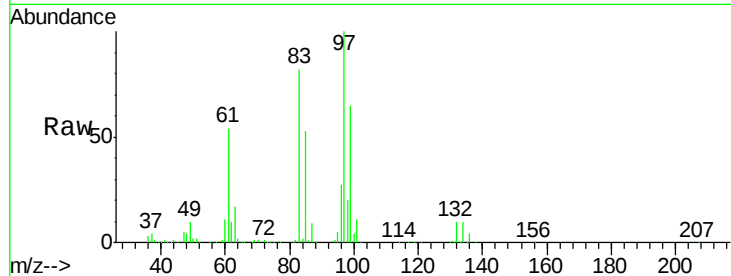
#55  
 1,1,2-Trichloroethane  
 Concen: 49.936 ug/l  
 RT: 9.20 min Scan# 1330  
 Delta R.T. -0.00 min  
 Lab File: VX019014.D  
 Acq: 22 Oct 2020 10:01

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 97    | Resp: | 149819 |
| Ion Ratio | Lower | Upper |        |
| 97        | 100   |       |        |
| 83        | 81.9  | 65.4  | 98.2   |
| 85        | 52.7  | 43.3  | 64.9   |
| 99        | 64.6  | 50.0  | 75.0   |

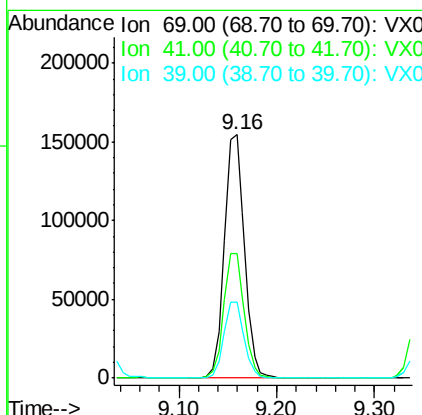
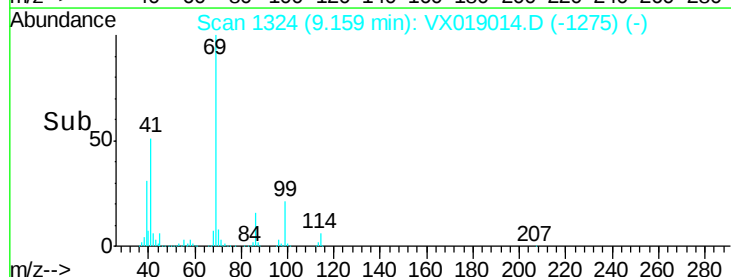
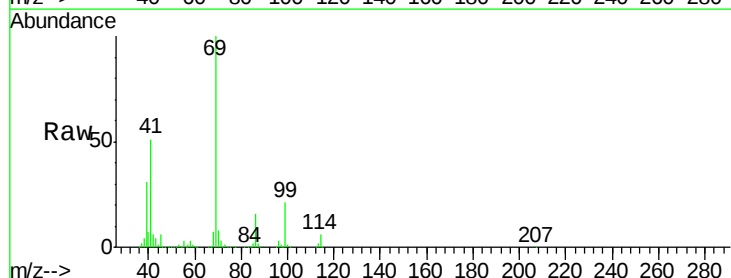
Manual Integrations  
 APPROVED

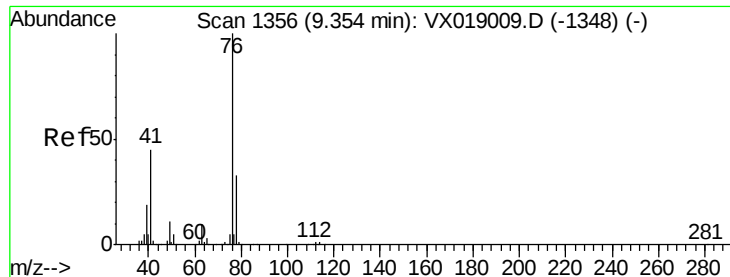
MMDadoda  
 10/23/2020 11:44:47 AM



#56  
 Ethyl methacrylate  
 Concen: 50.933 ug/l  
 RT: 9.16 min Scan# 1324  
 Delta R.T. -0.00 min  
 Lab File: VX019014.D  
 Acq: 22 Oct 2020 10:01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 69    | Resp: | 219848 |
| Ion Ratio | Lower | Upper |        |
| 69        | 100   |       |        |
| 41        | 51.9  | 41.1  | 61.7   |
| 39        | 31.4  | 24.6  | 37.0   |





#57

1,3-Dichloropropane

Concen: 50.476 ug/l

RT: 9.35 min Scan# 1355

Delta R.T. -0.01 min

Lab File: VX019014.D

Acq: 22 Oct 2020 10:01

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 240373

Ion Ratio Lower Upper

76 100

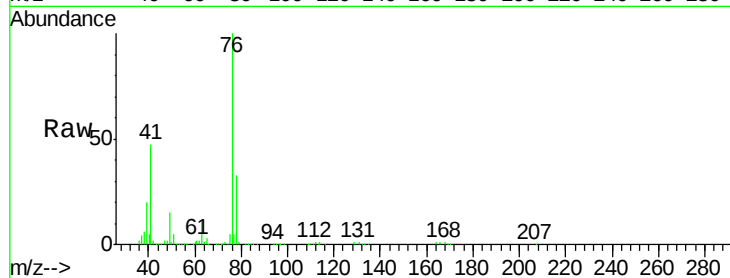
78 32.8 26.2 39.4

Manual Integrations

APPROVED

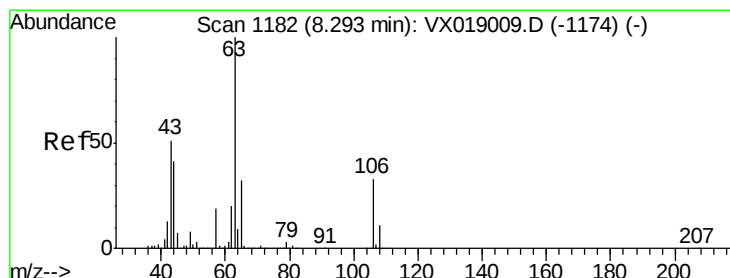
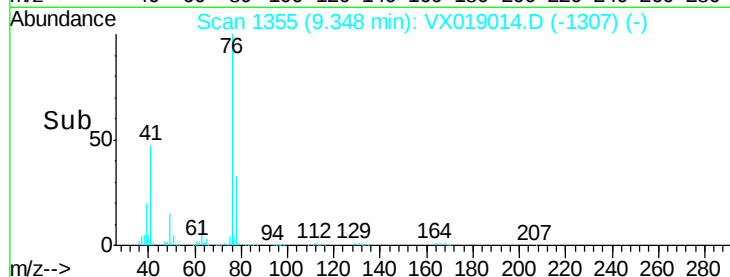
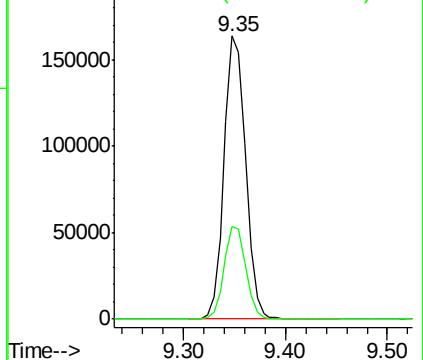
MMDadoda

10/23/2020 11:44:47 AM



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 236.995 ug/l

RT: 8.29 min Scan# 1181

Delta R.T. -0.01 min

Lab File: VX019014.D

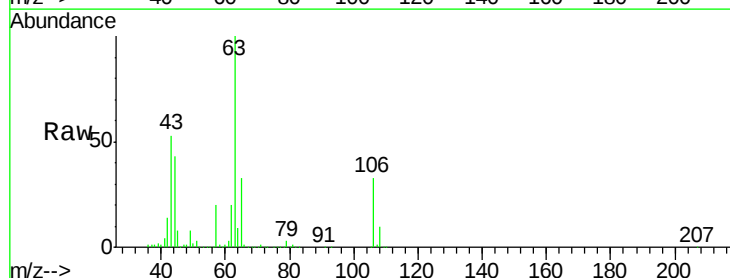
Acq: 22 Oct 2020 10:01

Tgt Ion: 63 Resp: 537378

Ion Ratio Lower Upper

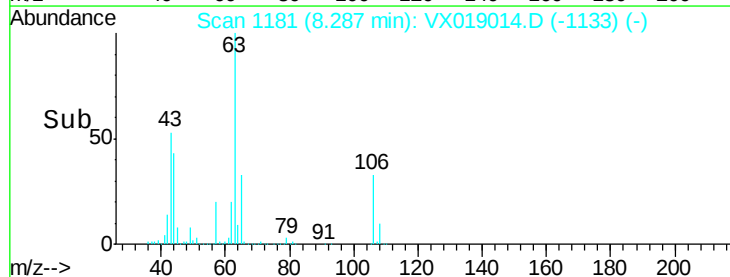
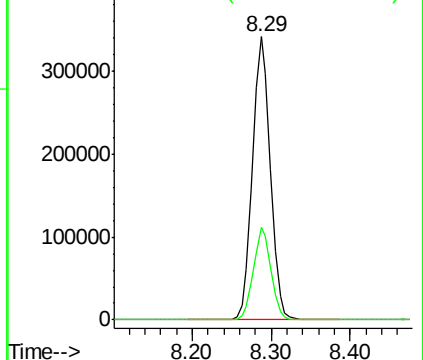
63 100

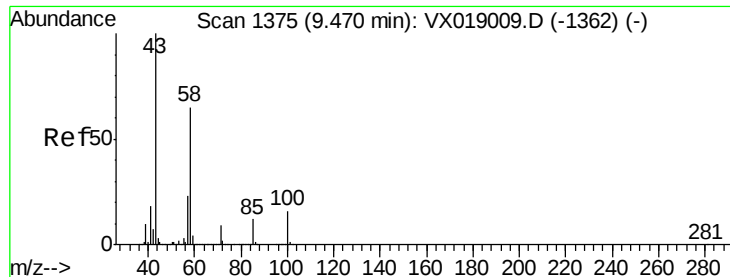
106 32.2 26.0 39.0



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V





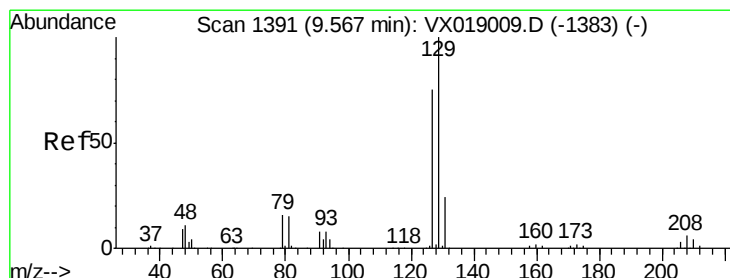
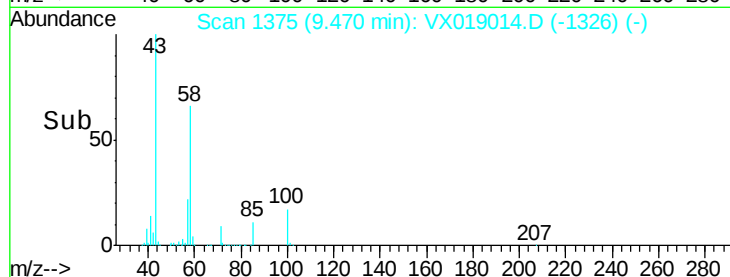
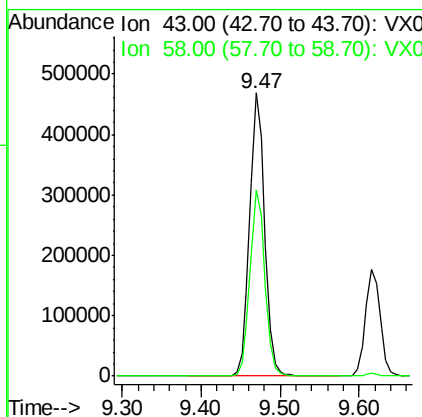
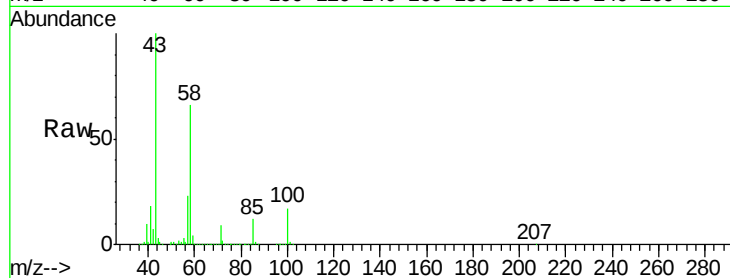
#59  
2-Hexanone  
Concen: 258.427 ug/l  
RT: 9.47 min Scan# 1375  
Delta R.T. -0.00 min  
Lab File: VX019014.D  
Acq: 22 Oct 2020 10:01

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 58      | 65.6  | 32.8  | 98.4  |

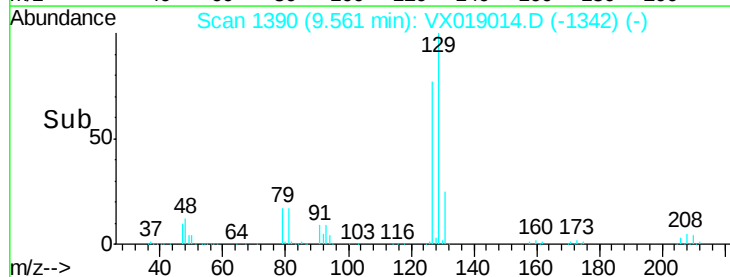
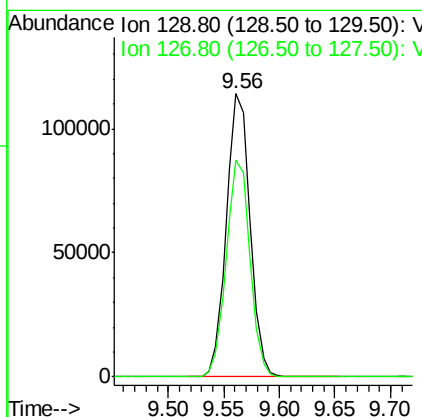
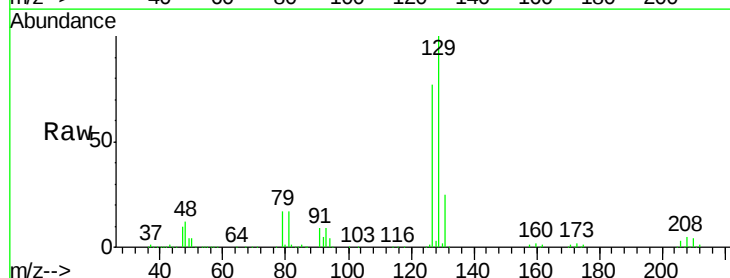
Manual Integrations  
APPROVED

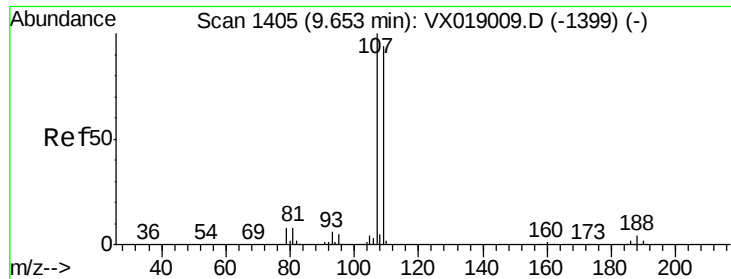
MMDadoda  
10/23/2020 11:44:47 AM



#60  
Dibromochloromethane  
Concen: 51.473 ug/l  
RT: 9.56 min Scan# 1390  
Delta R.T. -0.01 min  
Lab File: VX019014.D  
Acq: 22 Oct 2020 10:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 129     | 100   |       |       |
| 127     | 76.7  | 38.6  | 115.7 |





#61

1,2-Dibromoethane

Concen: 49.906 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX019014.D

Acq: 22 Oct 2020 10:01

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

Tot Ion: 107 Resp: 160202

Ion Ratio Lower Upper

107 100

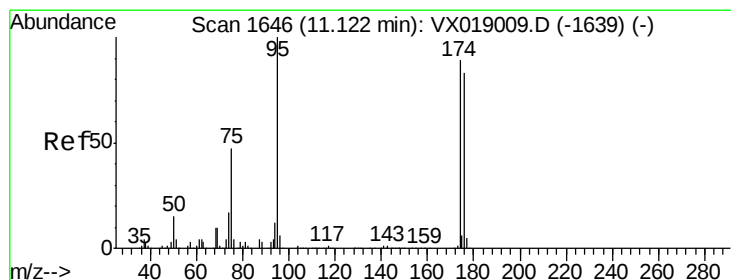
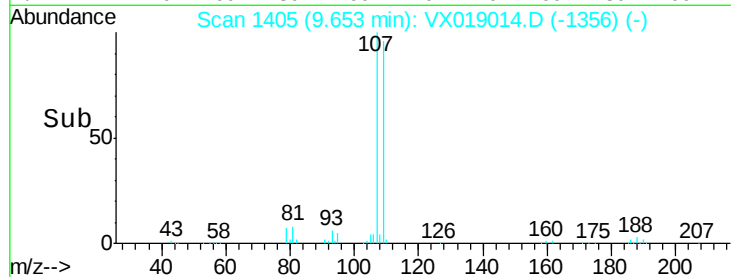
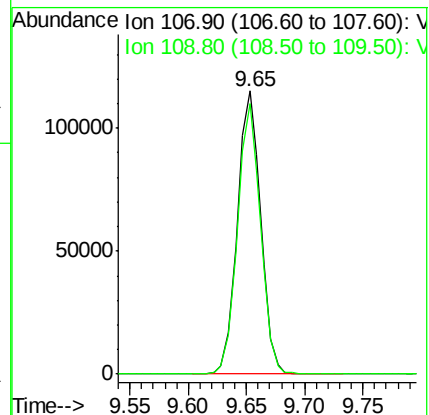
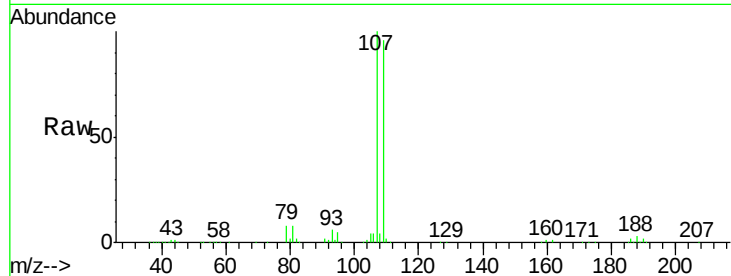
109 95.0 75.0 112.6

Manual Integrations

APPROVED

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10/23/2020 11:44:47 AM



#62

4-Bromofluorobenzene

Concen: 50.371 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX019014.D

Acq: 22 Oct 2020 10:01

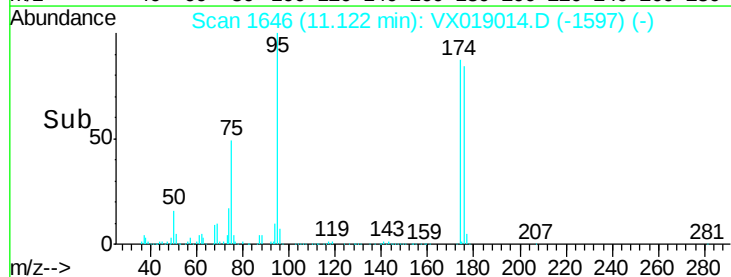
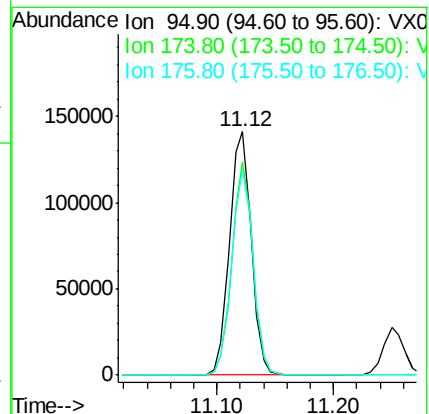
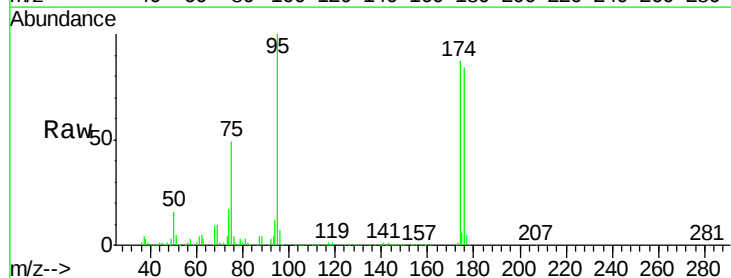
Tgt Ion: 95 Resp: 182528

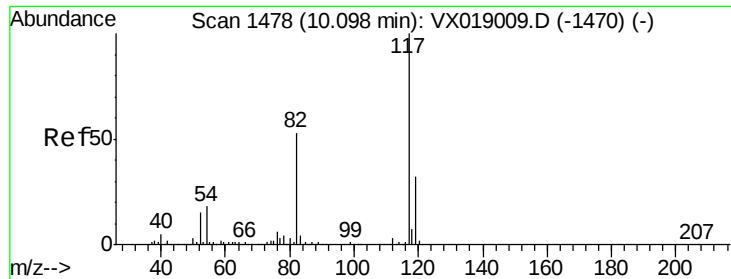
Ion Ratio Lower Upper

95 100

174 84.7 0.0 167.6

176 83.7 0.0 165.2





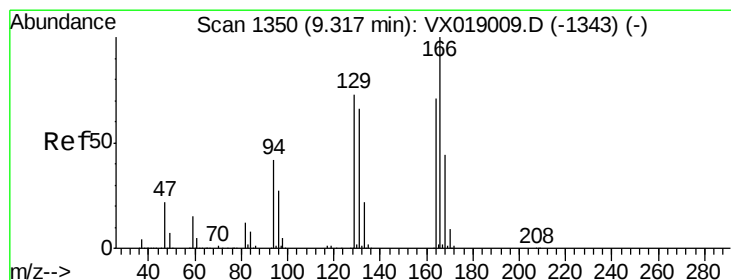
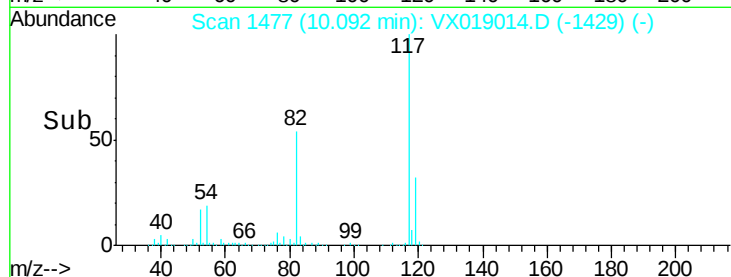
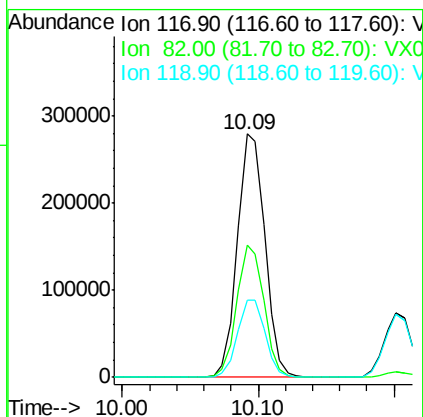
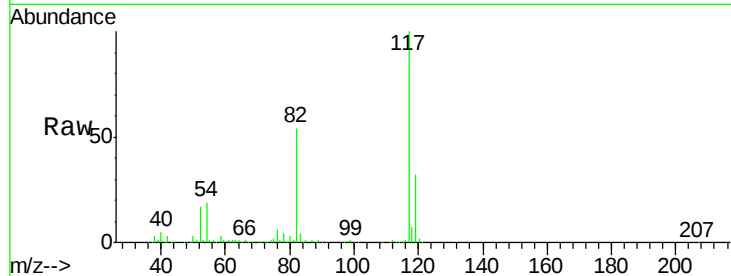
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.09 min Scan# 1477  
Delta R.T. -0.01 min  
Lab File: VX019014.D  
Acq: 22 Oct 2020 10:01

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 117     | 100   | 394857 |       |       |
| 82      | 54.1  | 42.4   | 63.6  |       |
| 119     | 31.5  | 25.6   | 38.4  |       |

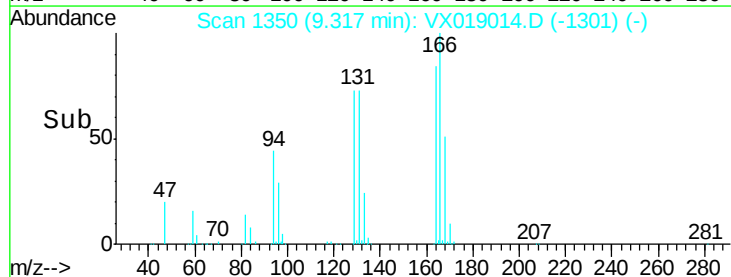
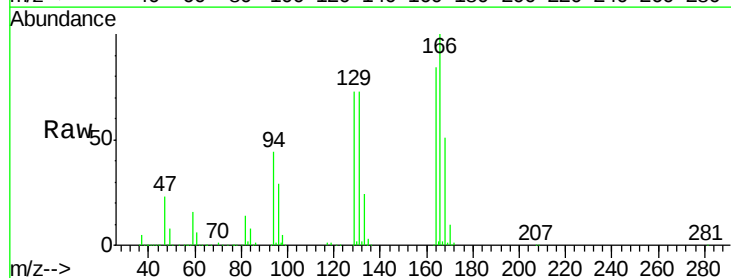
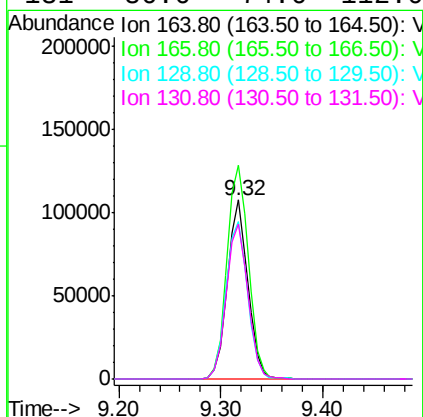
Manual Integrations  
APPROVED

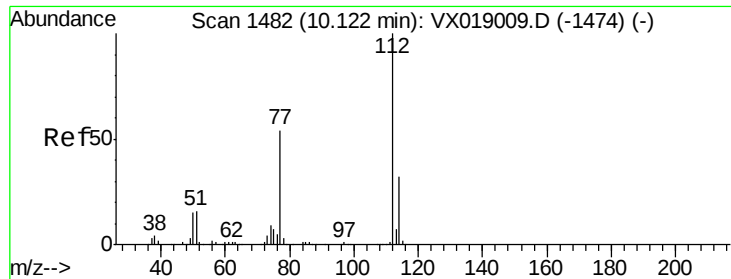
MMDadoda  
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#64  
Tetrachloroethene  
Concen: 49.306 ug/l  
RT: 9.32 min Scan# 1350  
Delta R.T. -0.00 min  
Lab File: VX019014.D  
Acq: 22 Oct 2020 10:01

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 164     | 100   | 148229 |       |       |
| 166     | 119.3 | 112.2  | 168.4 |       |
| 129     | 87.6  | 81.8   | 122.8 |       |
| 131     | 86.6  | 74.6   | 112.0 |       |





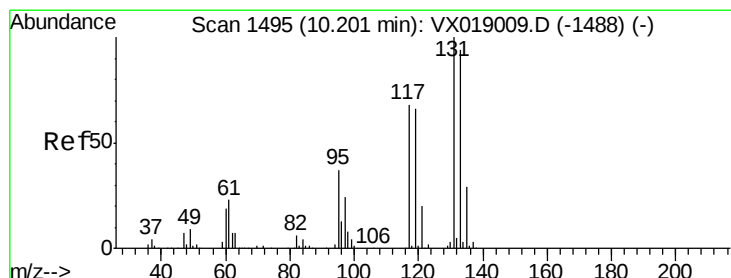
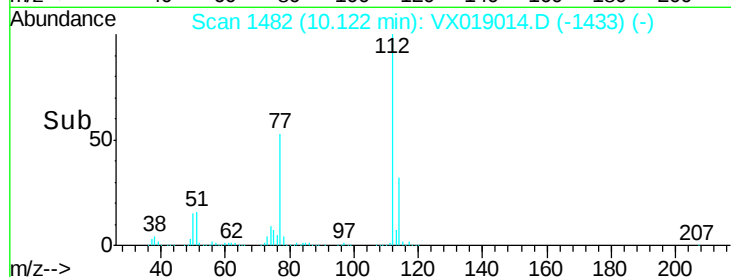
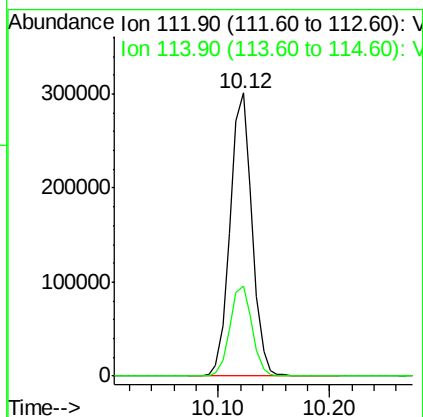
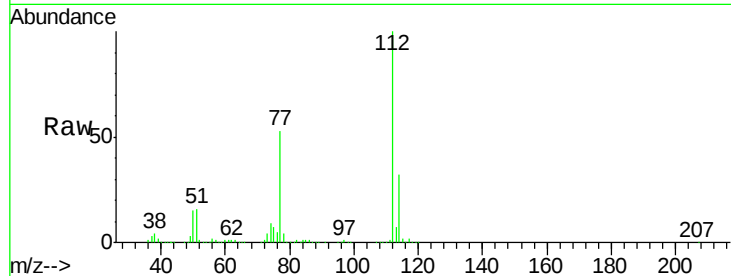
#65  
Chlorobenzene  
Concen: 49.379 ug/l  
RT: 10.12 min Scan# 1482  
Delta R.T. -0.00 min  
Lab File: VX019014.D  
Acq: 22 Oct 2020 10:01

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 114     | 32.0  | 25.5  | 38.3  |

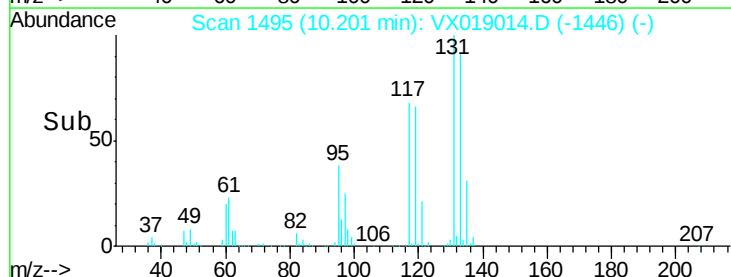
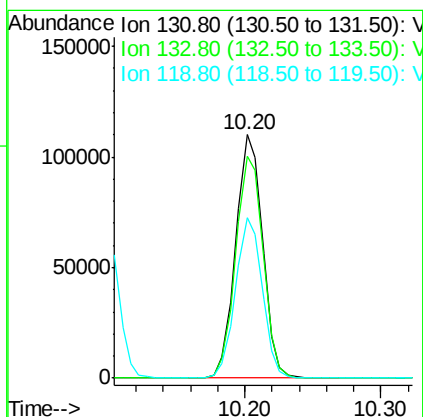
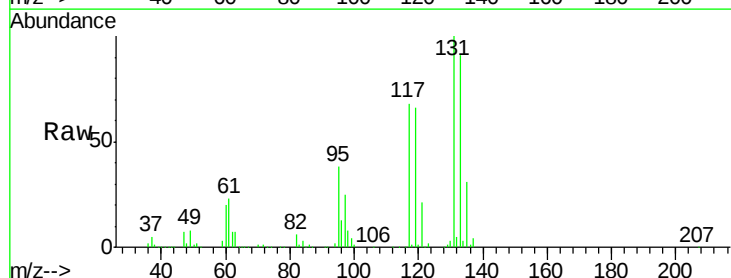
Manual Integrations  
APPROVED

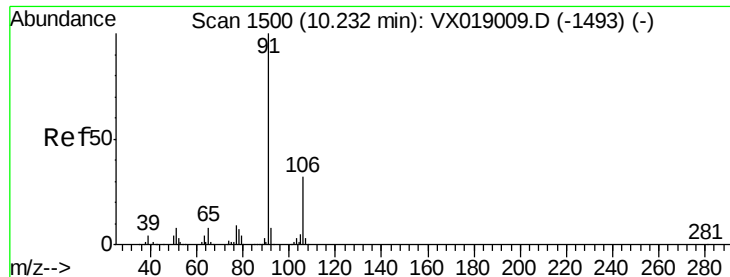
MMDadoda  
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#66  
1,1,1,2-Tetrachloroethane  
Concen: 51.404 ug/l  
RT: 10.20 min Scan# 1495  
Delta R.T. -0.00 min  
Lab File: VX019014.D  
Acq: 22 Oct 2020 10:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 131     | 100   |       |       |
| 133     | 93.5  | 47.0  | 141.2 |
| 119     | 65.8  | 32.9  | 98.7  |





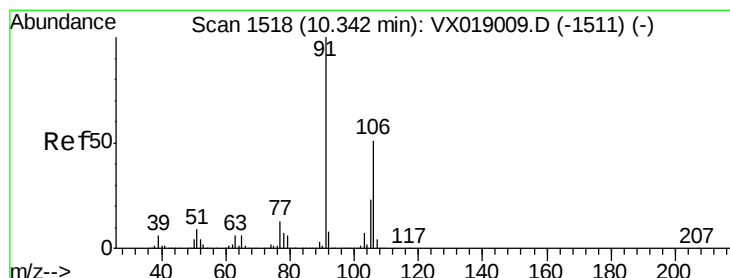
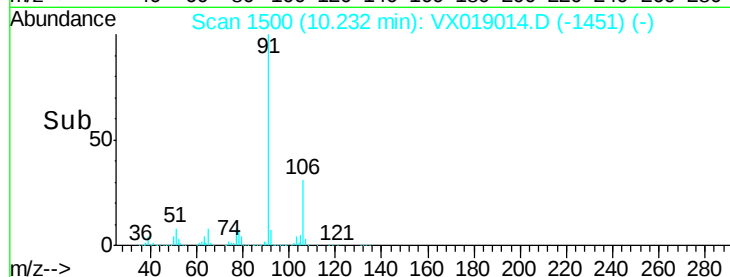
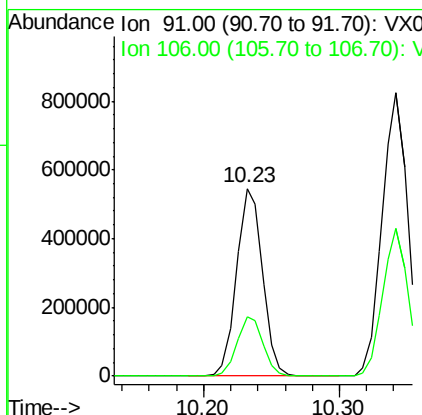
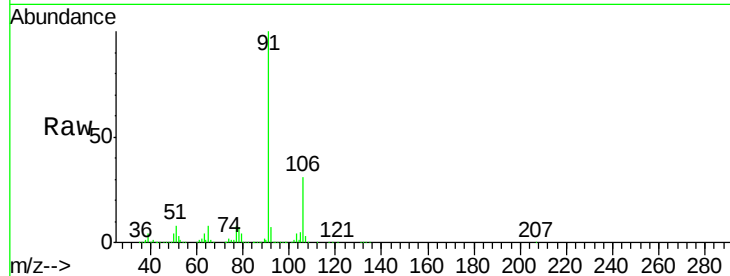
#67  
Ethyl Benzene  
Concen: 50.661 ug/l  
RT: 10.23 min Scan# 1500  
Delta R.T. -0.00 min  
Lab File: VX019014.D  
Acq: 22 Oct 2020 10:01

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 106     | 31.3  | 25.3  | 37.9  |

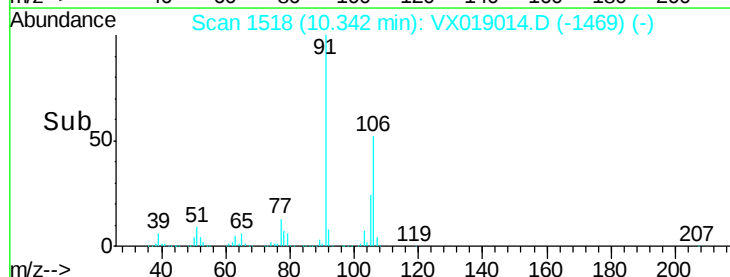
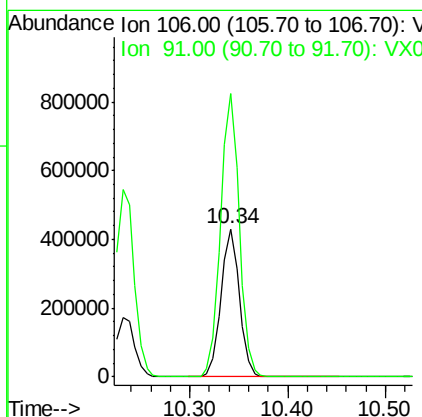
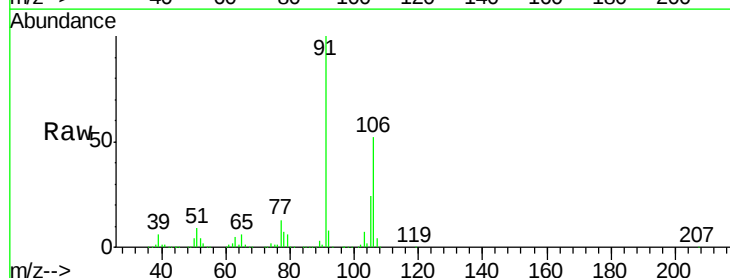
Manual Integrations  
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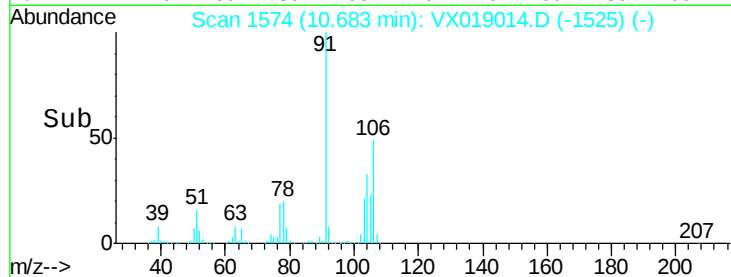
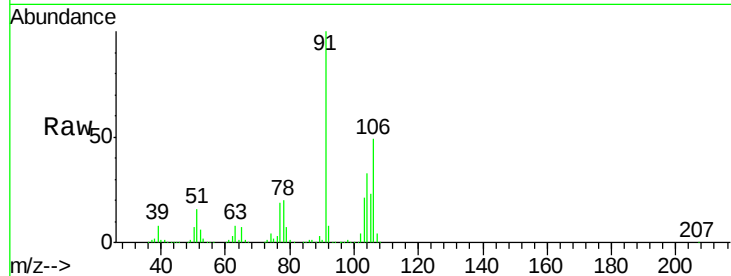
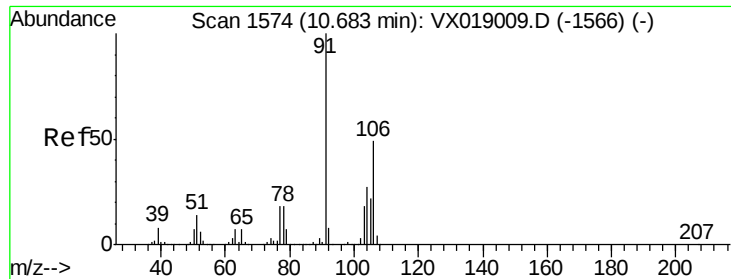
MMDadoda  
10/23/2020 11:44:47 AM



#68  
m/p-Xylenes  
Concen: 102.683 ug/l  
RT: 10.34 min Scan# 1518  
Delta R.T. -0.00 min  
Lab File: VX019014.D  
Acq: 22 Oct 2020 10:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 106     | 100   |       |       |
| 91      | 194.8 | 156.9 | 235.3 |





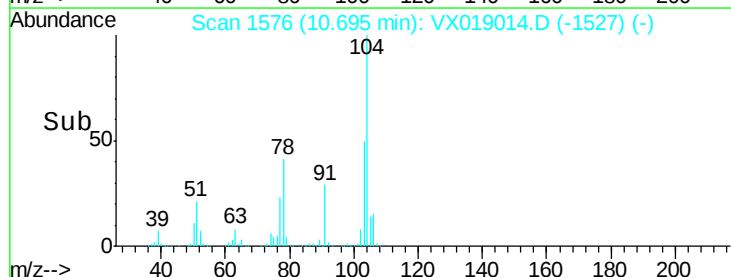
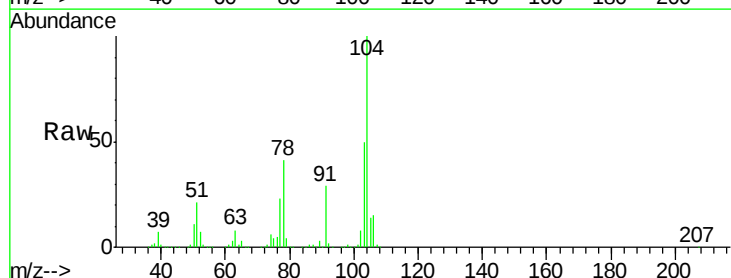
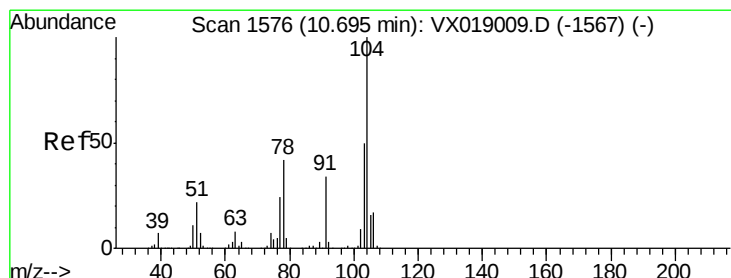
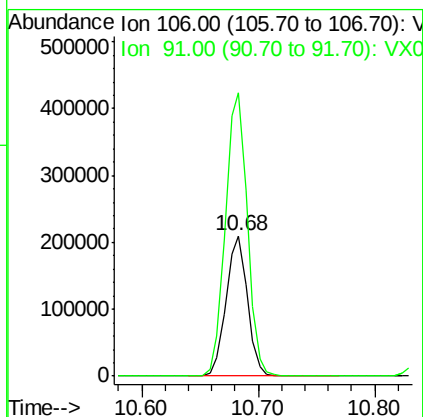
#69  
o-Xylene  
Concen: 50.649 ug/l  
RT: 10.68 min Scan# 1574  
Delta R.T. -0.00 min  
Lab File: VX019014.D  
Acq: 22 Oct 2020 10:01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 106     | 100   | 265107 |       |       |
| 91      | 207.9 | 104.0  | 312.0 |       |

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

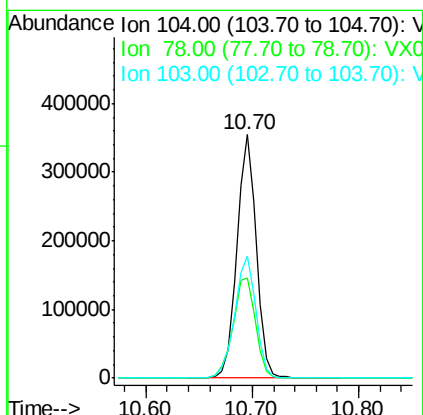
Manual Integrations  
APPROVED

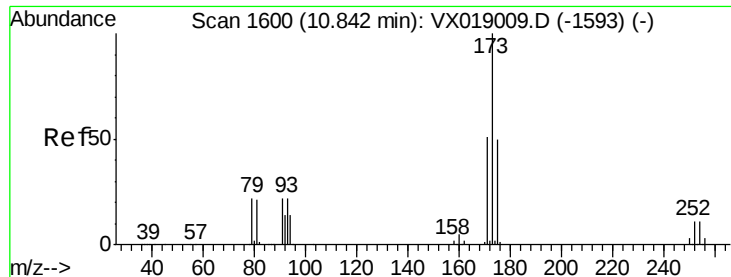
MMDadoda  
10/23/2020 11:44:47 AM



#70  
Styrene  
Concen: 50.708 ug/l  
RT: 10.70 min Scan# 1576  
Delta R.T. -0.00 min  
Lab File: VX019014.D  
Acq: 22 Oct 2020 10:01

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 104     | 100   | 450620 |       |       |
| 78      | 48.1  | 37.7   | 56.5  |       |
| 103     | 55.1  | 43.5   | 65.3  |       |





#71

Bromoform

Concen: 52.415 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX019014.D

Acq: 22 Oct 2020 10:01

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

Tot Ion:173 Resp: 124598

Ion Ratio Lower Upper

173 100

175 47.7 24.1 72.4

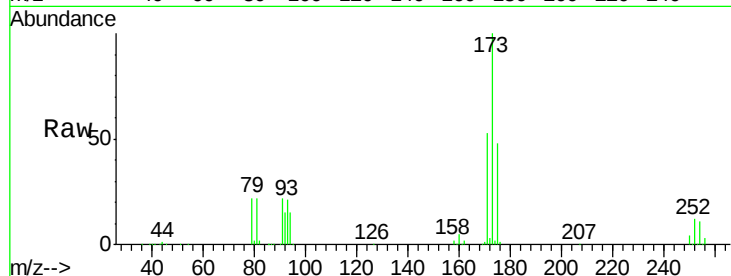
254 0.2 0.1 0.1#

Manual Integrations

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MMDadoda

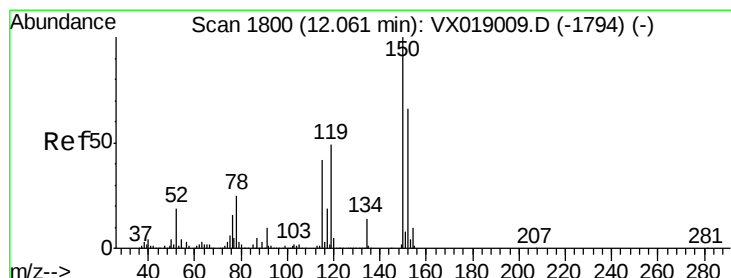
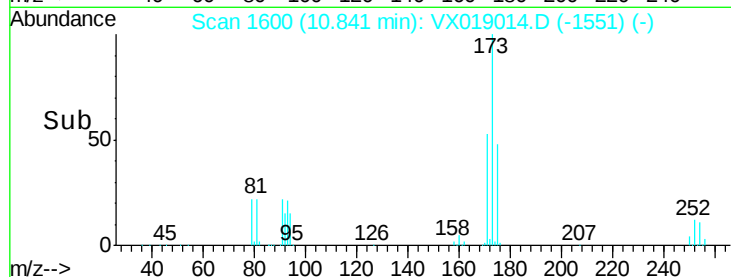
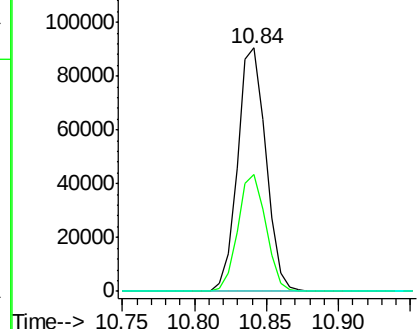
10/23/2020 11:44:47 AM



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX019014.D

Acq: 22 Oct 2020 10:01

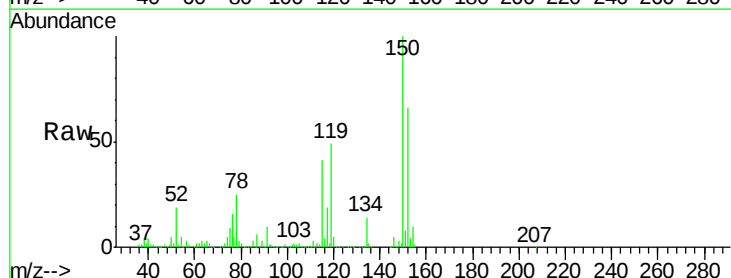
Tgt Ion:152 Resp: 204120

Ion Ratio Lower Upper

152 100

115 81.2 40.8 122.5

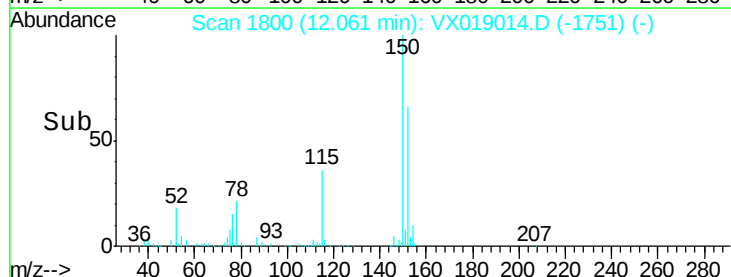
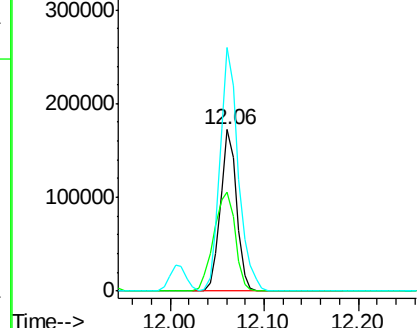
150 170.6 0.0 345.6

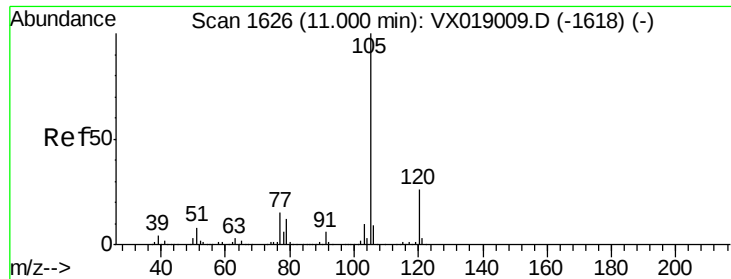


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 49.061 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX019014.D

Acq: 22 Oct 2020 10:01

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

Tot Ion: 105 Resp: 720409

Ion Ratio Lower Upper

105 100

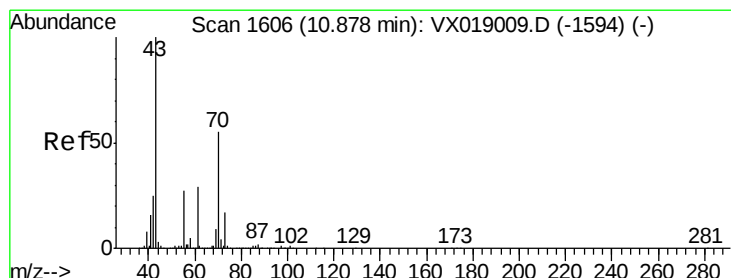
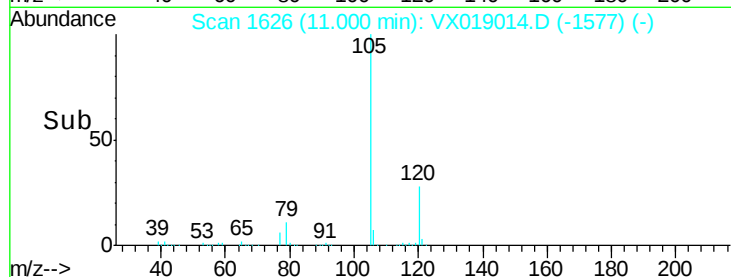
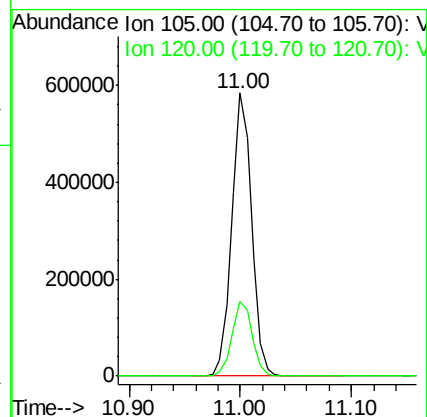
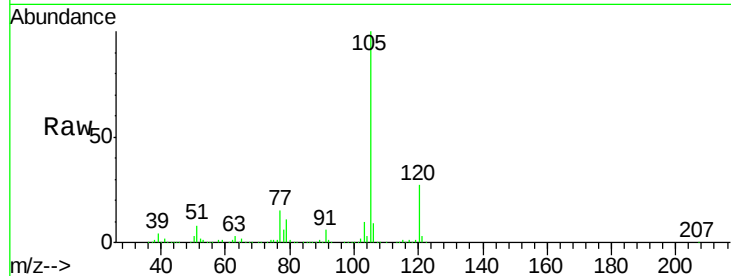
120 27.0 13.4 40.1

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#74

N-ethyl acetate

Concen: 48.936 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX019014.D

Acq: 22 Oct 2020 10:01

Tgt Ion: 43 Resp: 230227

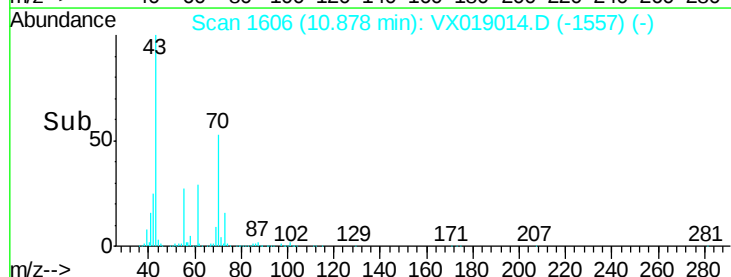
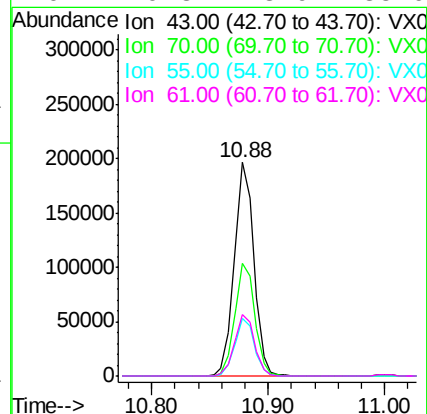
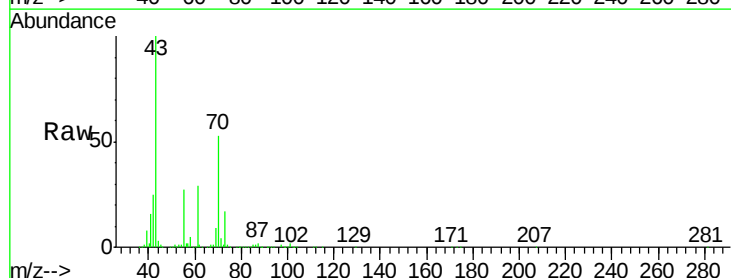
Ion Ratio Lower Upper

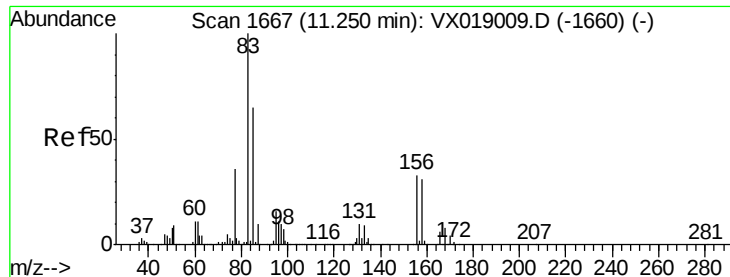
43 100

70 53.9 44.5 66.7

55 27.3 21.9 32.9

61 29.3 23.9 35.9





#75

1,1,2,2-Tetrachloroethane

Concen: 48.830 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX019014.D

Acq: 22 Oct 2020 10:01

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

Tot Ion: 83 Resp: 216006

Ion Ratio Lower Upper

83 100

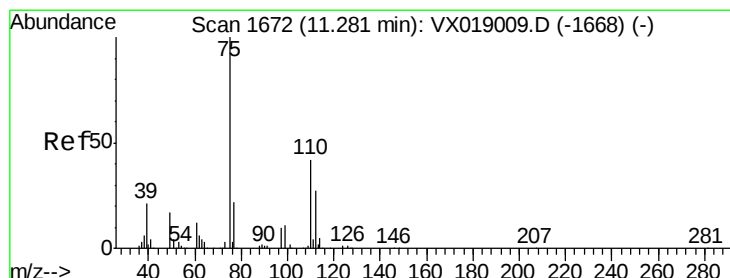
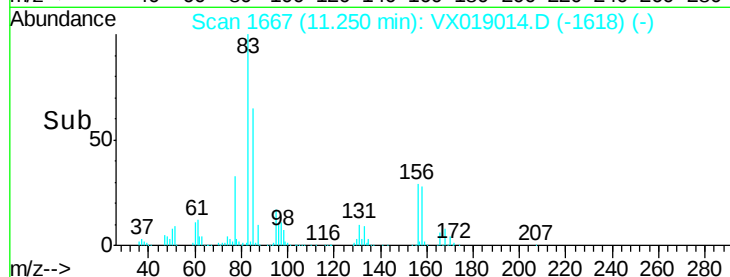
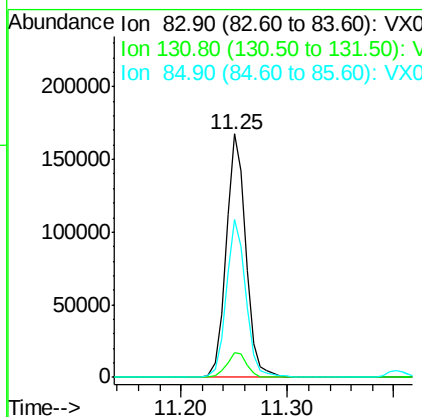
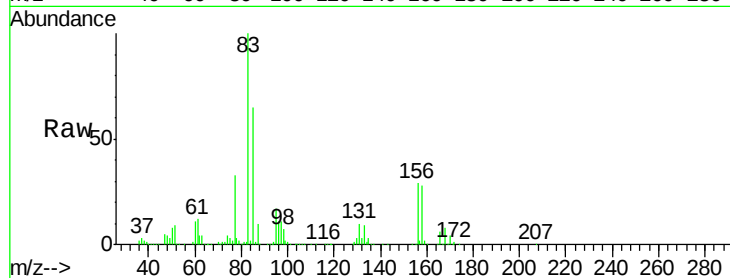
131 10.4 5.1 15.4

85 64.3 32.3 96.8

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#76

1,2,3-Trichloropropane

Concen: 49.878 ug/l m

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX019014.D

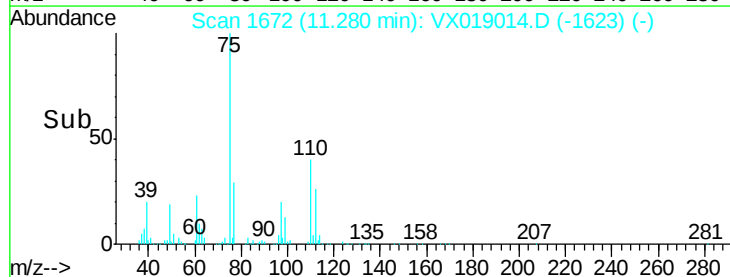
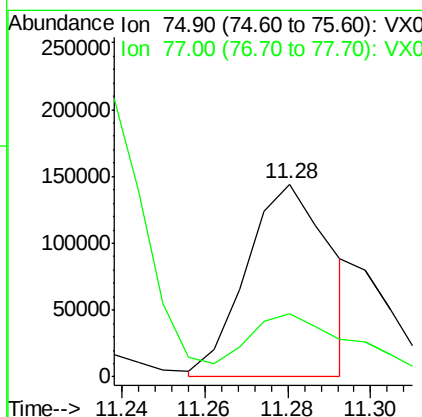
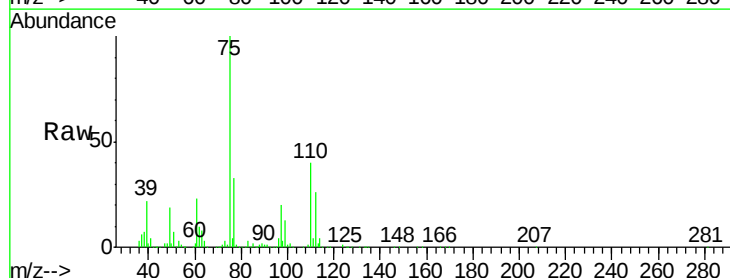
Acq: 22 Oct 2020 10:01

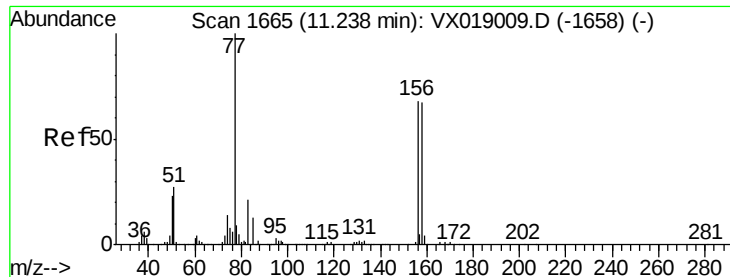
Tgt Ion: 75 Resp: 203491

Ion Ratio Lower Upper

75 100

77 40.6 20.7 62.1





#77

Bromobenzene

Concen: 47.729 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX019014.D

Acq: 22 Oct 2020 10:01

Instrument :

MSVOA\_X

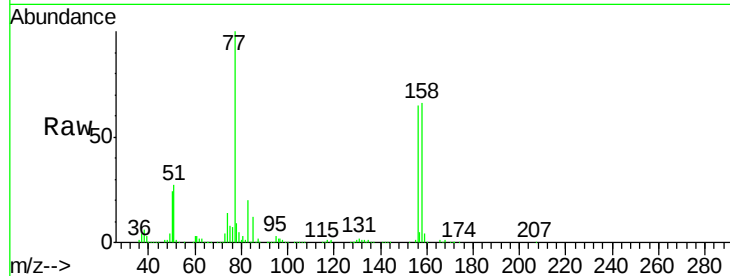
ClientSampleId :

VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 156     | 100   |       |       |
| 77      | 149.8 | 74.4  | 223.1 |
| 158     | 98.2  | 48.8  | 146.3 |

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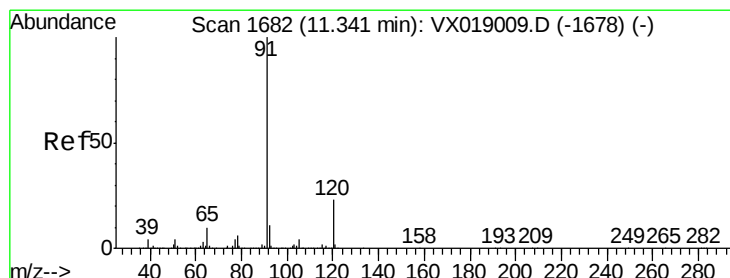
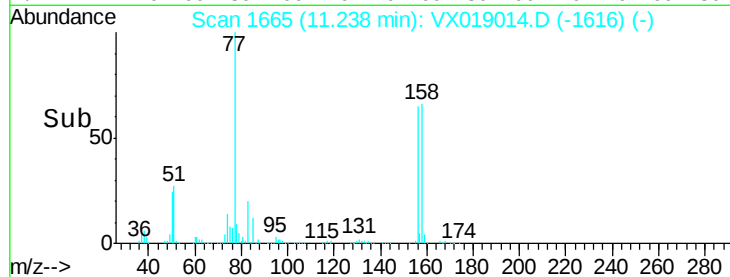
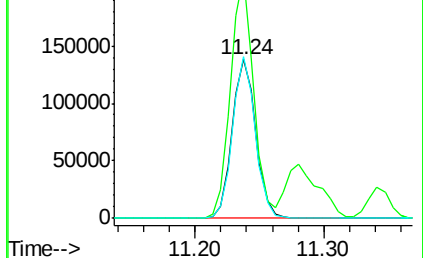
Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V

11.24

11.30



#78

n-propylbenzene

Concen: 49.385 ug/l

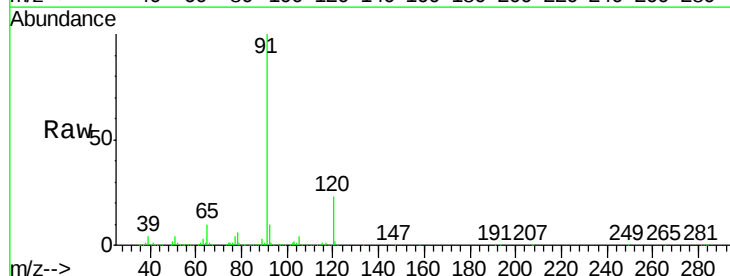
RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX019014.D

Acq: 22 Oct 2020 10:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 120     | 24.1  | 12.1  | 36.3  |

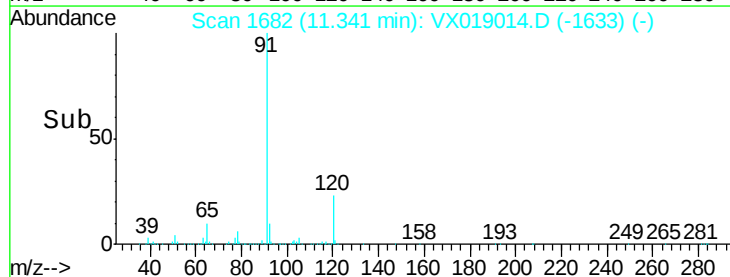
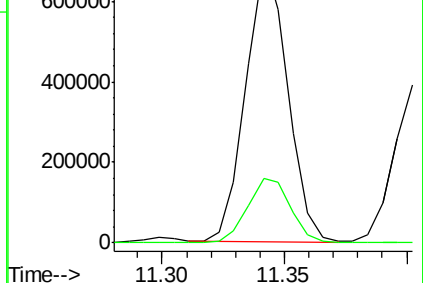


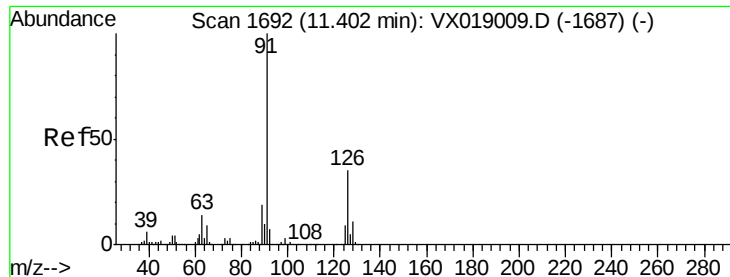
Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

11.34

11.35





#79

2-Chlorotoluene

Concen: 49.113 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX019014.D

Acq: 22 Oct 2020 10:01

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 476734

Ion Ratio Lower Upper

91 100

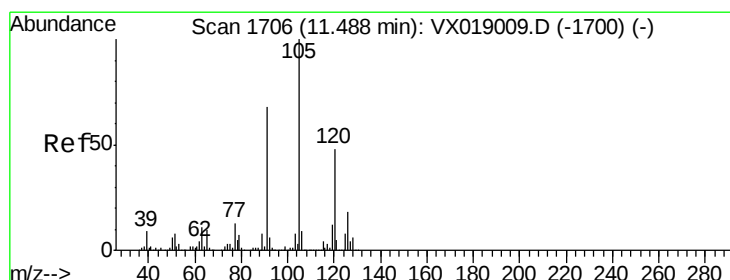
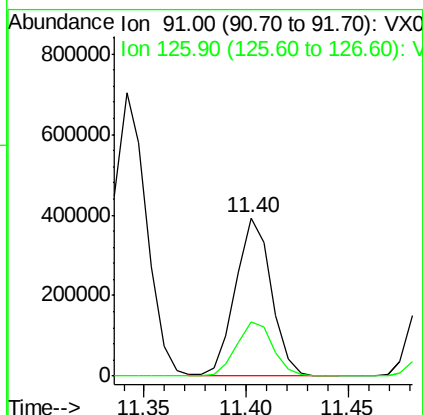
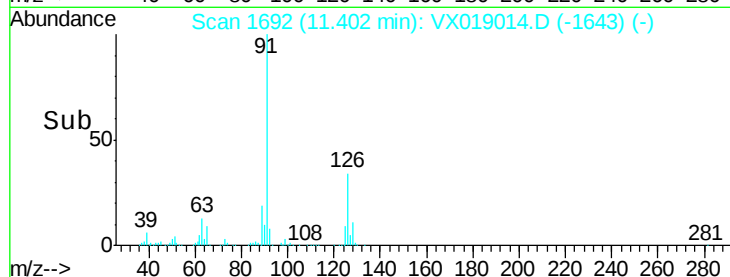
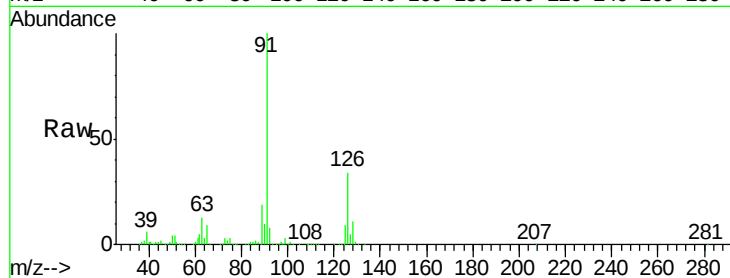
126 35.0 17.5 52.5

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#80

1,3,5-Trimethylbenzene

Concen: 49.706 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.00 min

Lab File: VX019014.D

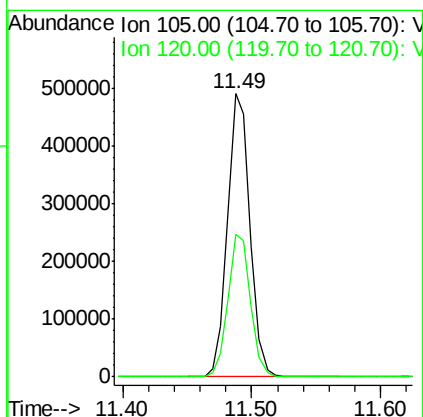
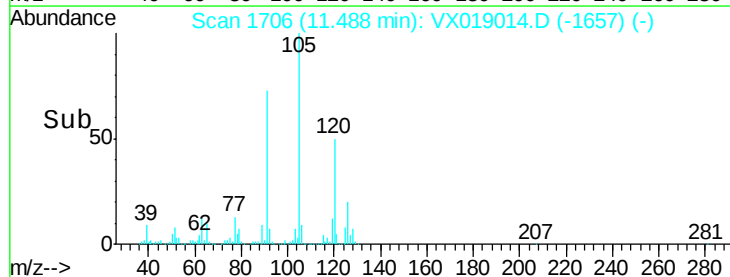
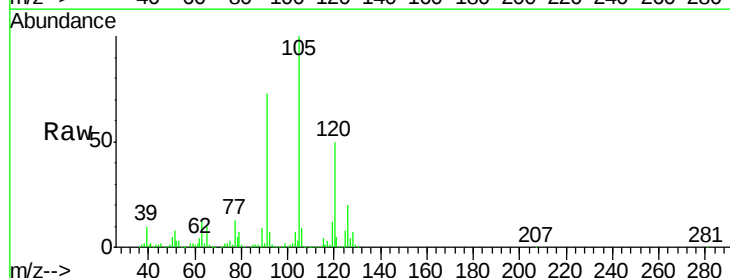
Acq: 22 Oct 2020 10:01

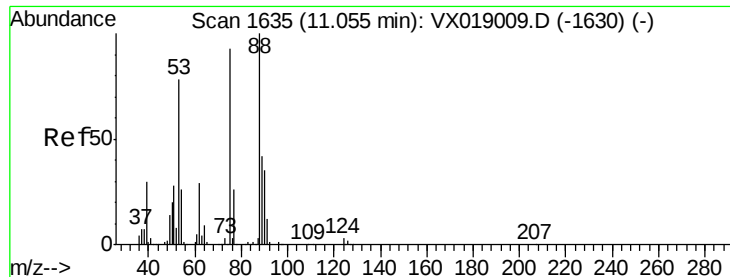
Tgt Ion: 105 Resp: 602725

Ion Ratio Lower Upper

105 100

120 50.5 25.2 75.6





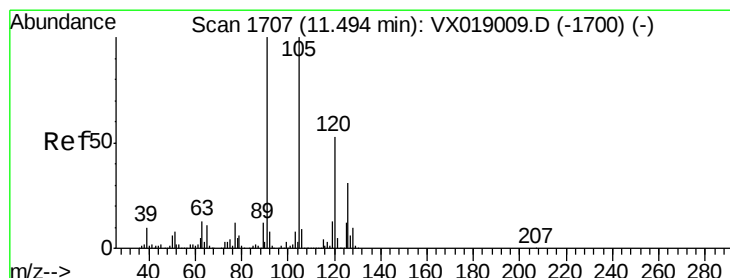
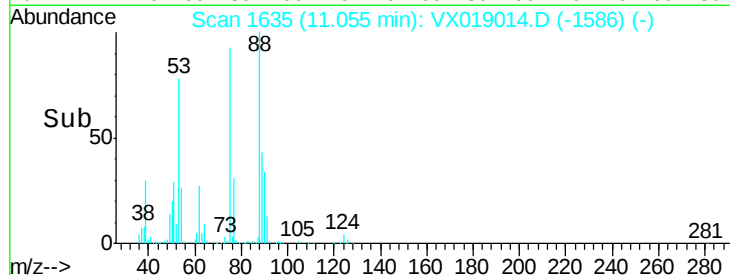
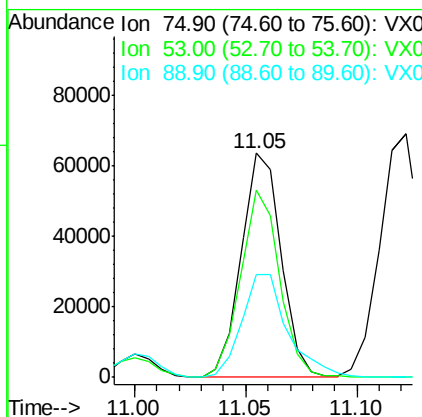
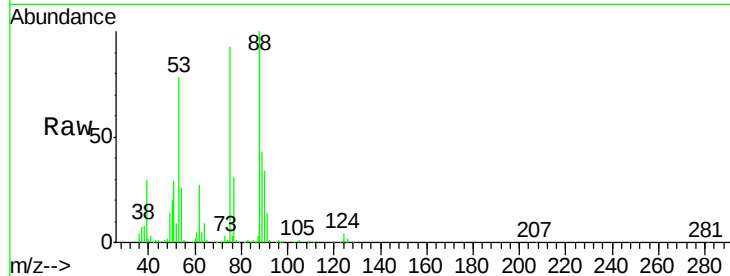
#81  
trans-1,4-Dichloro-2-butene  
Concen: 49.469 ug/l  
RT: 11.05 min Scan# 1635  
Delta R.T. -0.00 min  
Lab File: VX019014.D  
Acq: 22 Oct 2020 10:01

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 53      | 82.0  | 67.4  | 101.2 |
| 89      | 53.5  | 37.2  | 55.8  |

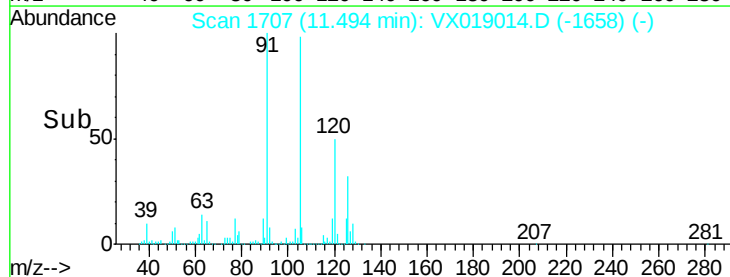
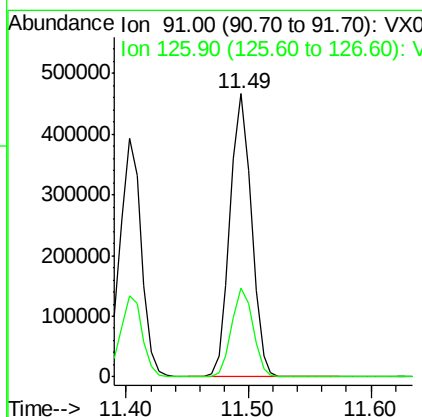
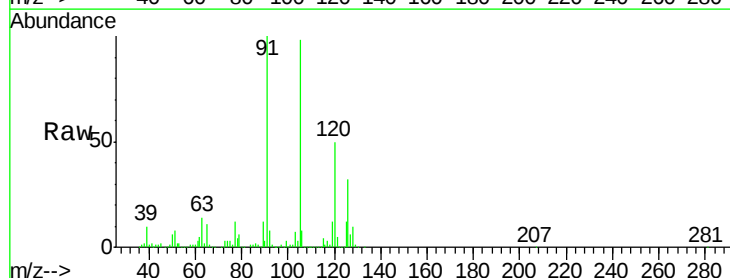
Manual Integrations  
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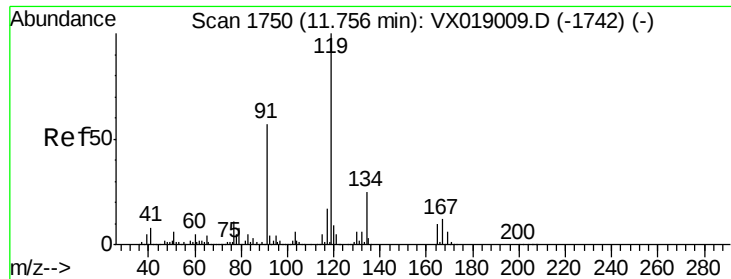
MMDadoda  
10/23/2020 11:44:47 AM



#82  
4-Chlorotoluene  
Concen: 48.827 ug/l  
RT: 11.49 min Scan# 1707  
Delta R.T. -0.00 min  
Lab File: VX019014.D  
Acq: 22 Oct 2020 10:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 126     | 31.4  | 15.6  | 46.7  |





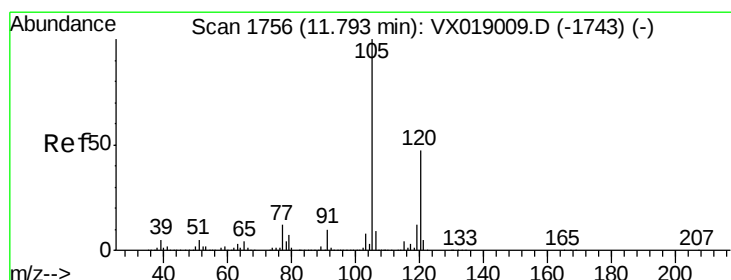
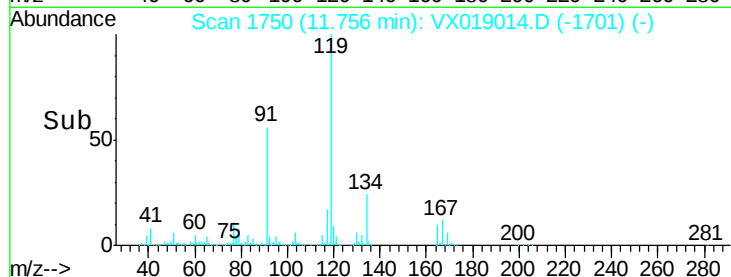
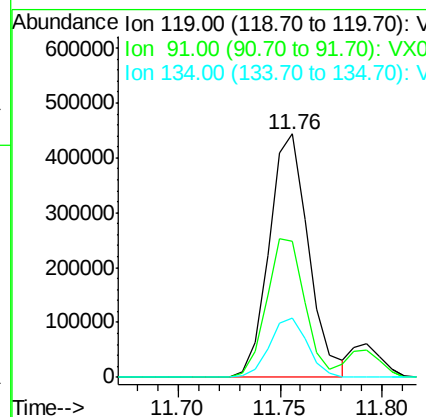
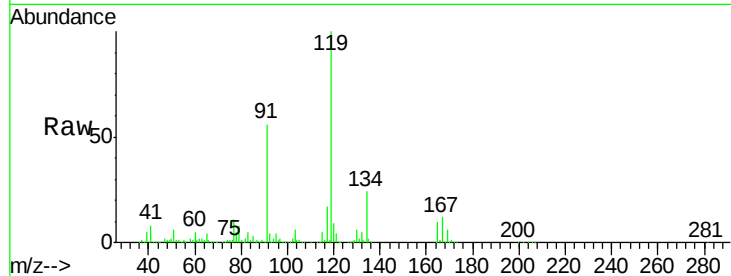
#83  
tert-Butylbenzene  
Concen: 50.156 ug/l  
RT: 11.76 min Scan# 1750  
Delta R.T. -0.00 min  
Lab File: VX019014.D  
Acq: 22 Oct 2020 10:01

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 119     | 100   | 599122 |       |       |
| 91      | 55.1  | 28.1   | 84.4  |       |
| 134     | 23.5  | 11.8   | 35.3  |       |

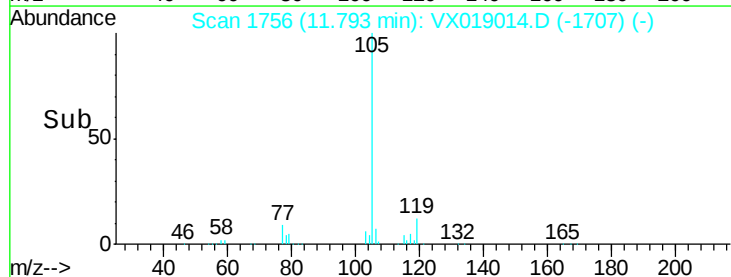
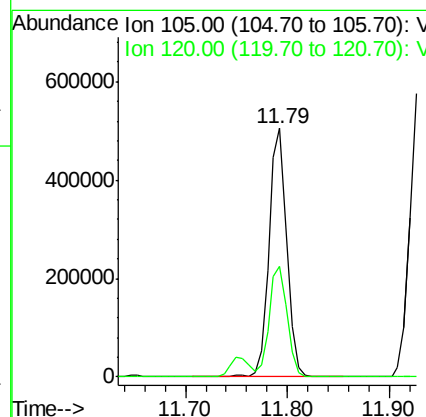
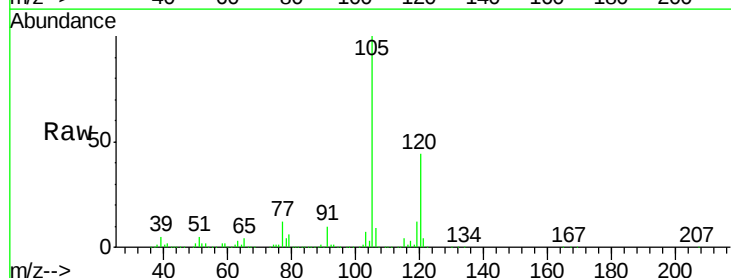
Manual Integrations  
APPROVED

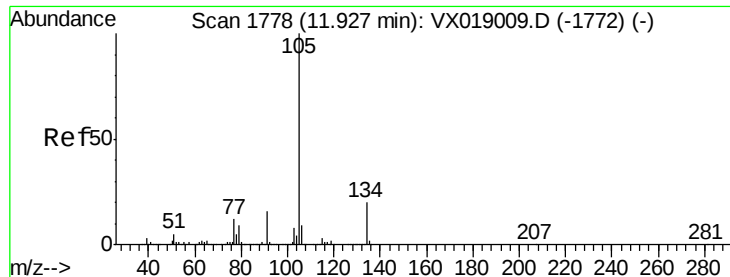
MMDadoda  
10/23/2020 11:44:47 AM



#84  
1,2,4-Trimethylbenzene  
Concen: 50.286 ug/l  
RT: 11.79 min Scan# 1756  
Delta R.T. -0.00 min  
Lab File: VX019014.D  
Acq: 22 Oct 2020 10:01

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 610572 |       |       |
| 120     | 45.2  | 22.9   | 68.8  |       |





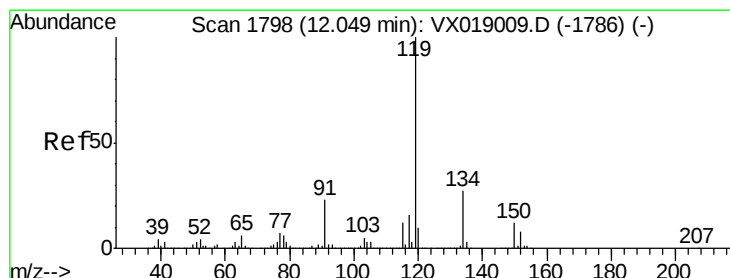
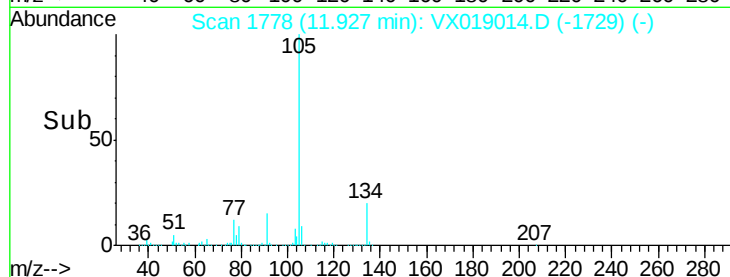
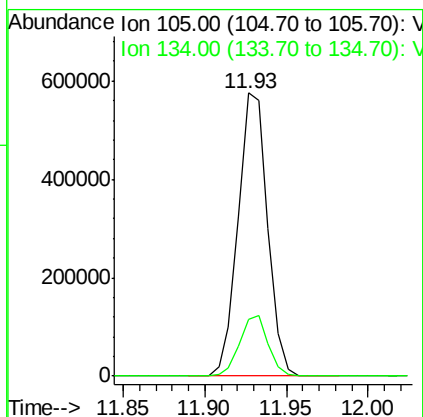
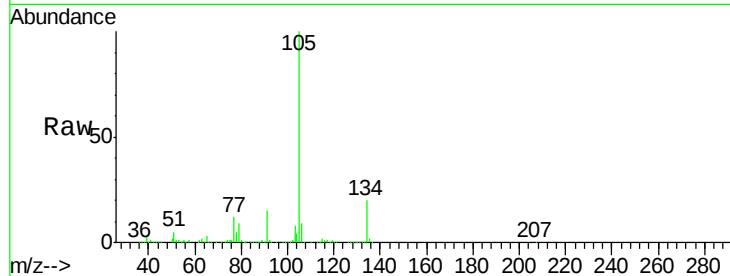
#85  
 sec-Butylbenzene  
 Concen: 50.132 ug/l  
 RT: 11.93 min Scan# 1778  
 Delta R.T. -0.00 min  
 Lab File: VX019014.D  
 Acq: 22 Oct 2020 10:01

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 134     | 20.7  | 10.4  | 31.1  |

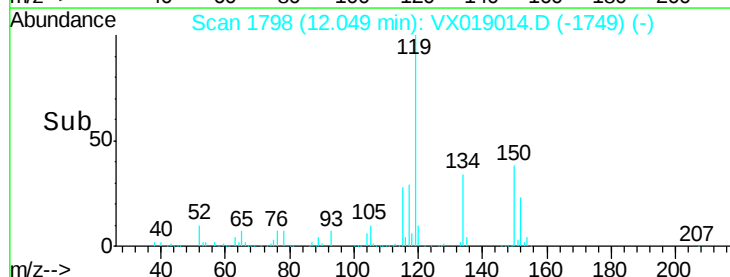
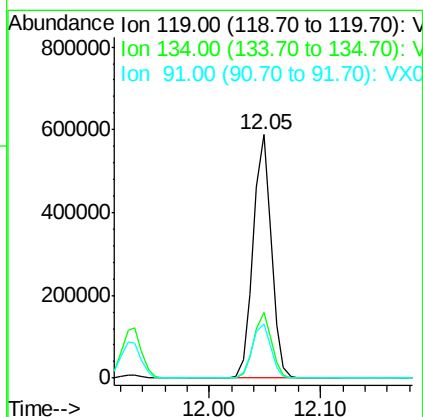
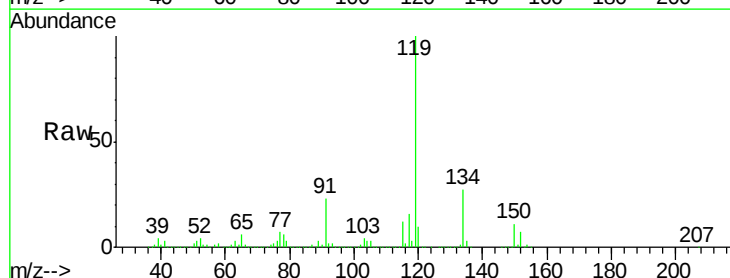
Manual Integrations  
 APPROVED

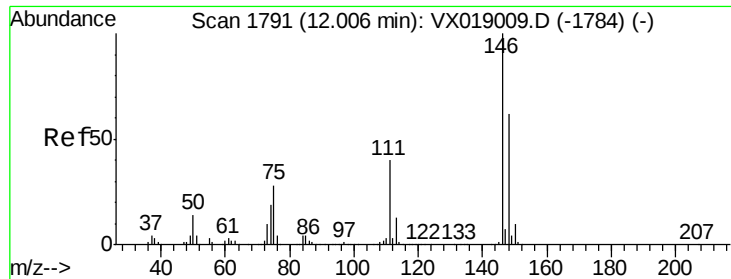
MMDadoda  
 10/23/2020 11:44:47 AM



#86  
 p-Isopropyltoluene  
 Concen: 50.509 ug/l  
 RT: 12.05 min Scan# 1798  
 Delta R.T. -0.00 min  
 Lab File: VX019014.D  
 Acq: 22 Oct 2020 10:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 119     | 100   |       |       |
| 134     | 26.7  | 13.3  | 39.8  |
| 91      | 23.1  | 11.4  | 34.2  |





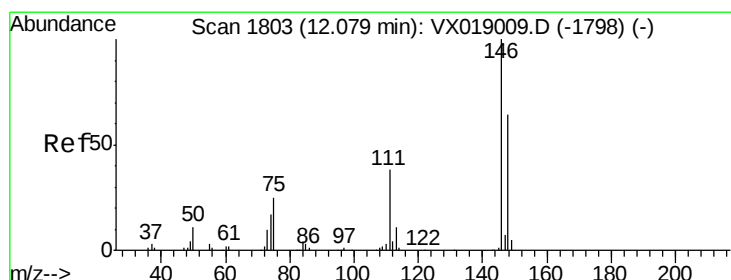
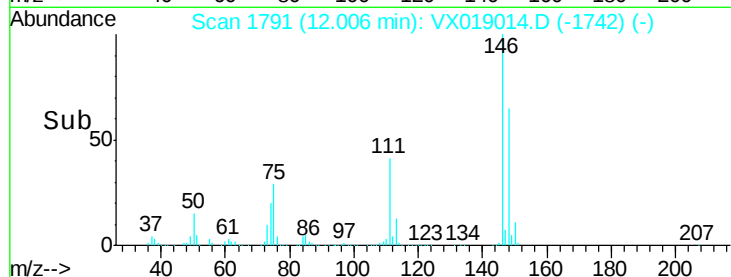
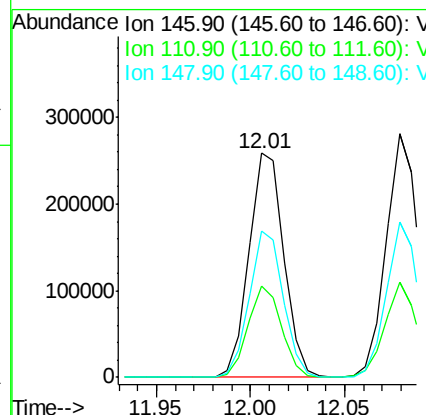
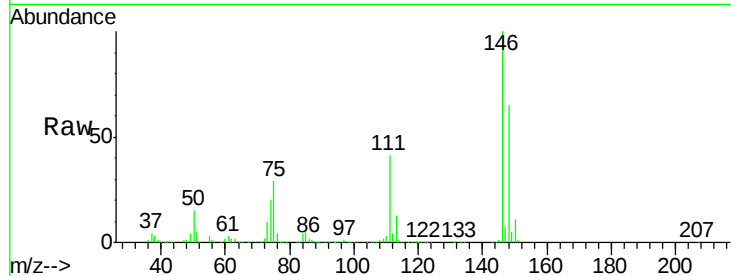
#87  
 1,3-Dichlorobenzene  
 Concen: 48.813 ug/l  
 RT: 12.01 min Scan# 1791  
 Delta R.T. -0.00 min  
 Lab File: VX019014.D  
 Acq: 22 Oct 2020 10:01

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 39.2  | 19.7  | 59.1  |
| 148     | 63.8  | 32.0  | 96.0  |

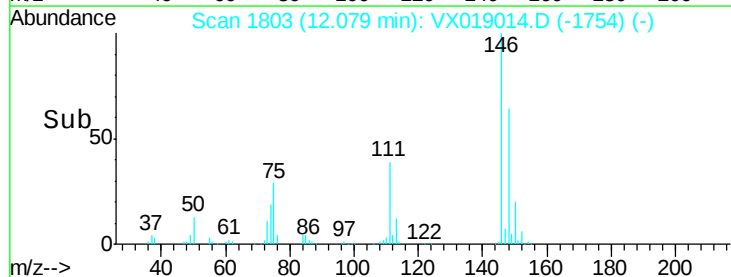
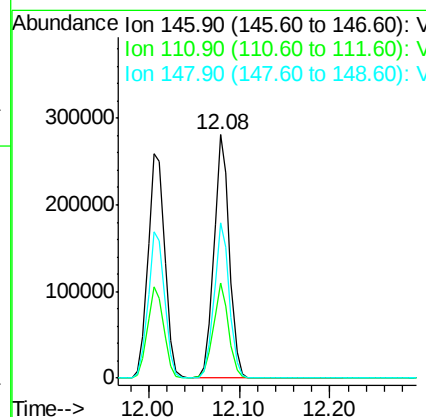
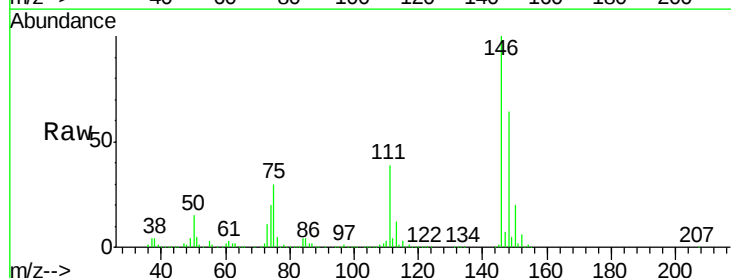
Manual Integrations  
 APPROVED

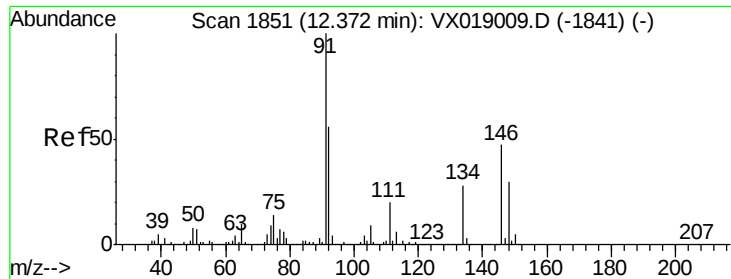
MMDadoda  
 10/23/2020 11:44:47 AM



#88  
 1,4-Dichlorobenzene  
 Concen: 48.286 ug/l  
 RT: 12.08 min Scan# 1803  
 Delta R.T. -0.00 min  
 Lab File: VX019014.D  
 Acq: 22 Oct 2020 10:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 38.5  | 19.4  | 58.2  |
| 148     | 62.9  | 32.2  | 96.6  |





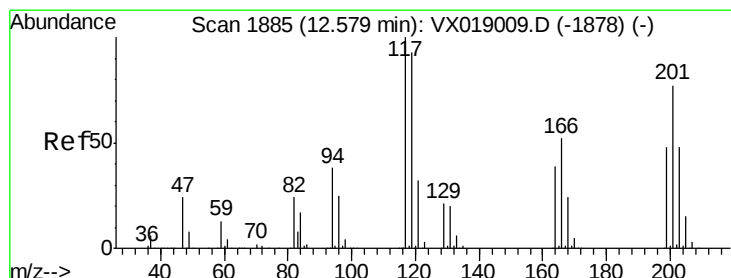
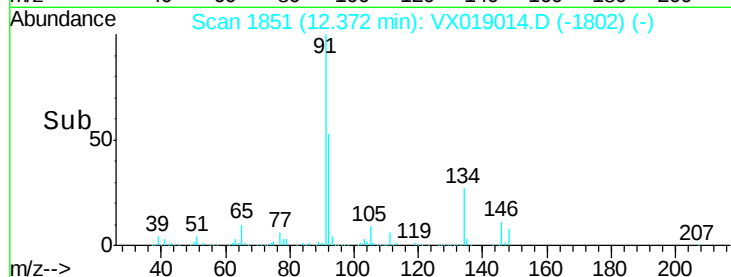
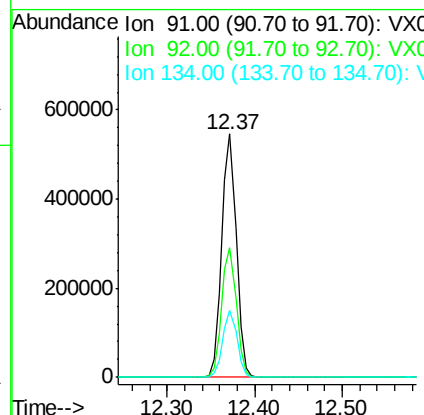
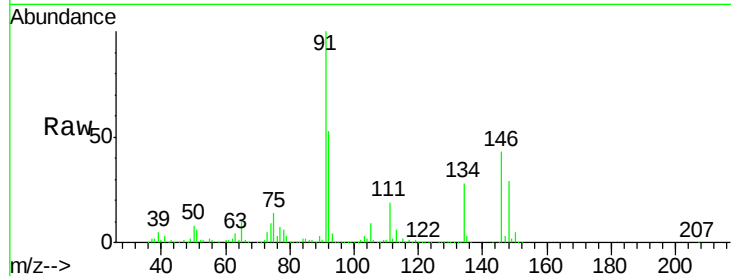
#89  
n-Butylbenzene  
Concen: 51.467 ug/l  
RT: 12.37 min Scan# 1851  
Delta R.T. -0.00 min  
Lab File: VX019014.D  
Acq: 22 Oct 2020 10:01

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 92      | 53.7  | 27.3  | 81.9  |
| 134     | 27.0  | 13.6  | 40.7  |

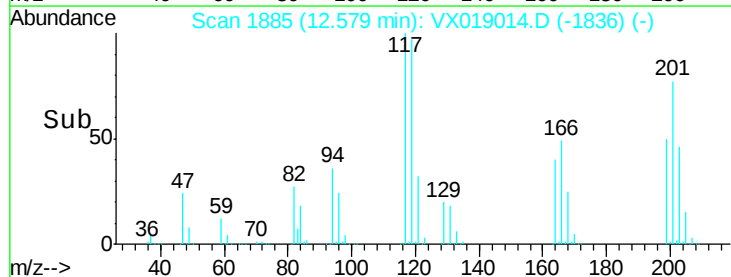
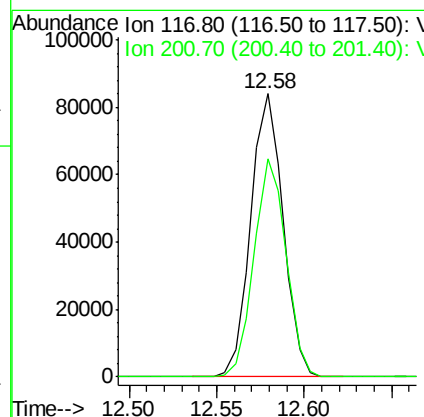
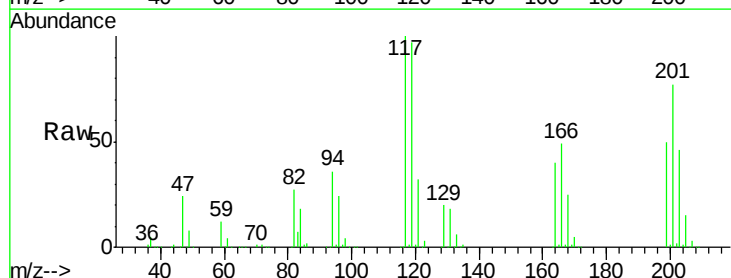
Manual Integrations  
APPROVED

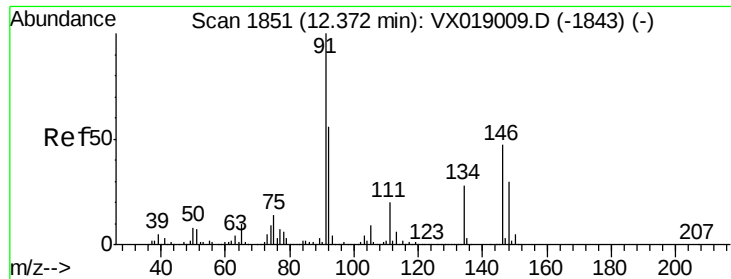
MMDadoda  
10/23/2020 11:44:47 AM



#90  
Hexachloroethane  
Concen: 53.301 ug/l  
RT: 12.58 min Scan# 1885  
Delta R.T. -0.00 min  
Lab File: VX019014.D  
Acq: 22 Oct 2020 10:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 201     | 76.7  | 37.1  | 111.3 |





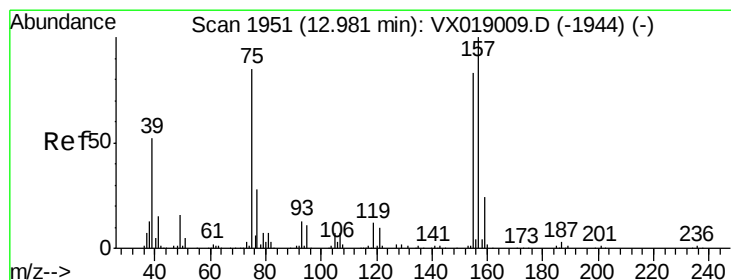
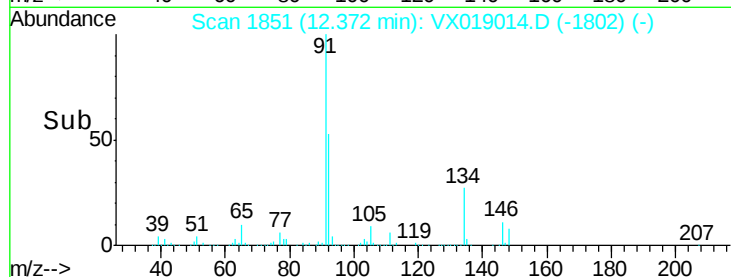
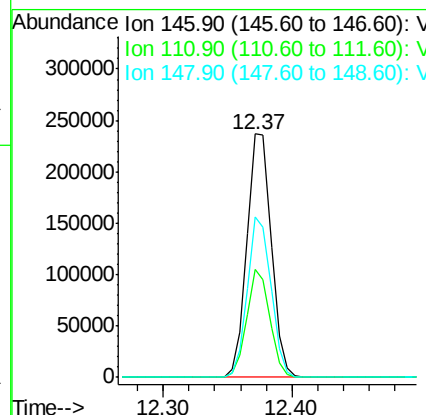
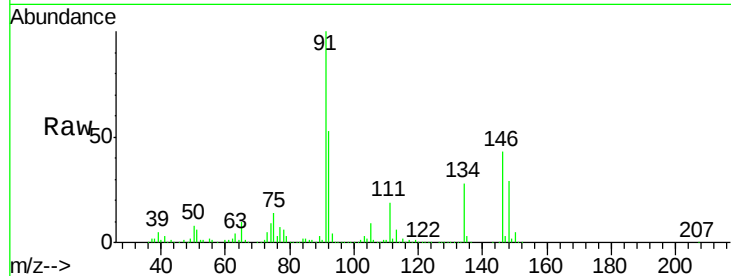
#91  
 1,2-Dichlorobenzene  
 Concen: 48.599 ug/l  
 RT: 12.37 min Scan# 1851  
 Delta R.T. -0.00 min  
 Lab File: VX019014.D  
 Acq: 22 Oct 2020 10:01

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 41.9  | 19.9  | 59.7  |
| 148     | 64.0  | 31.4  | 94.3  |

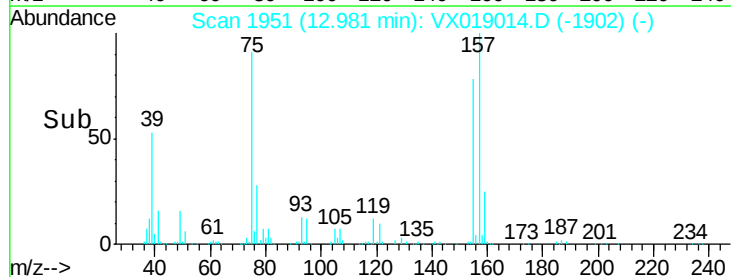
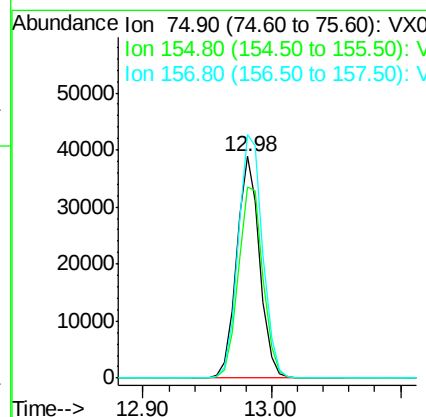
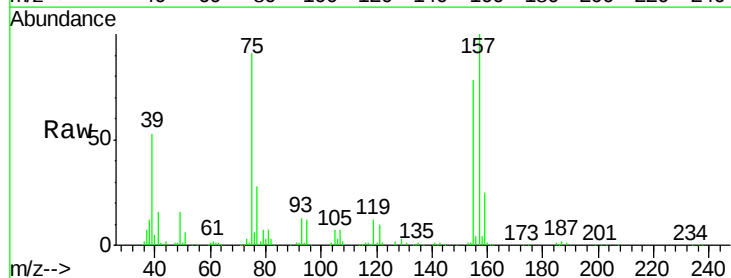
Manual Integrations  
 APPROVED

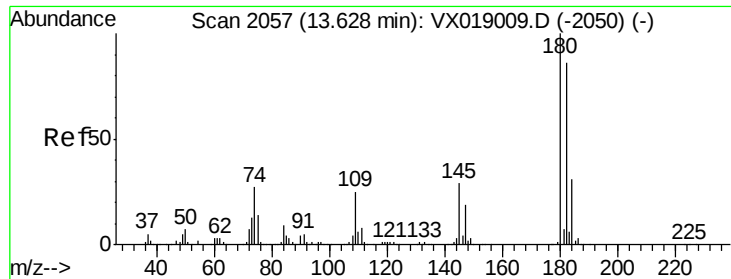
MMDadoda  
 10/23/2020 11:44:47 AM



#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 48.081 ug/l  
 RT: 12.98 min Scan# 1951  
 Delta R.T. -0.00 min  
 Lab File: VX019014.D  
 Acq: 22 Oct 2020 10:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 155     | 91.8  | 47.3  | 142.0 |
| 157     | 116.1 | 59.7  | 179.0 |





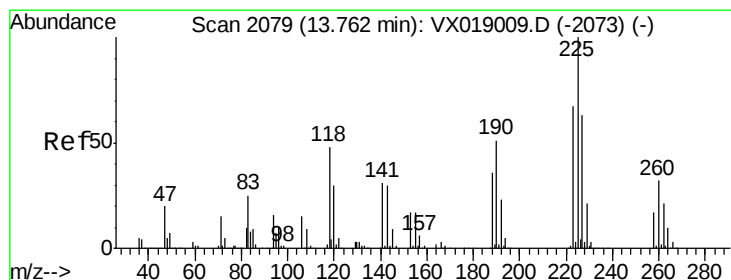
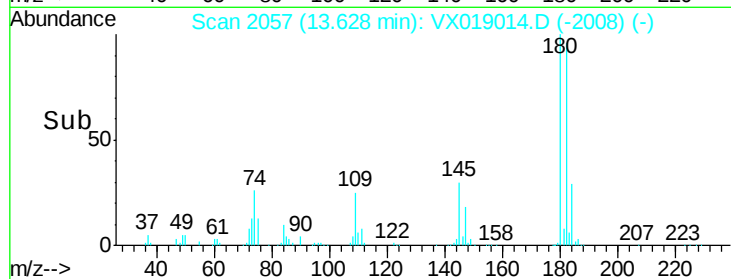
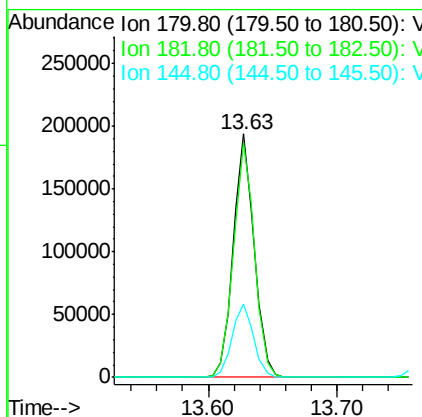
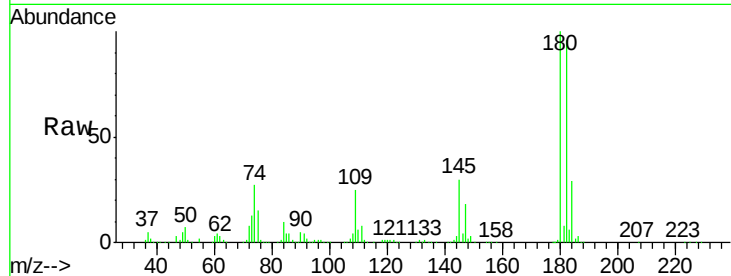
#93  
 1,2,4-Trichlorobenzene  
 Concen: 47.466 ug/l  
 RT: 13.63 min Scan# 2057  
 Delta R.T. -0.00 min  
 Lab File: VX019014.D  
 Acq: 22 Oct 2020 10:01

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 96.9  | 46.4  | 139.2 |
| 145     | 31.0  | 15.2  | 45.6  |

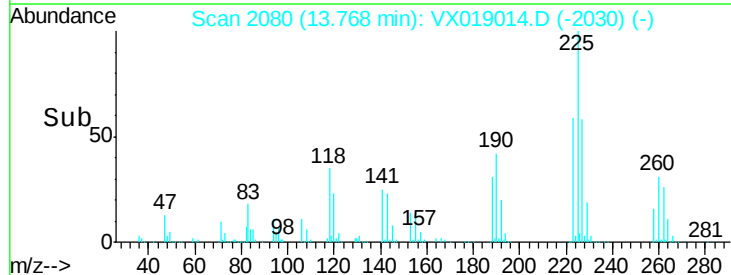
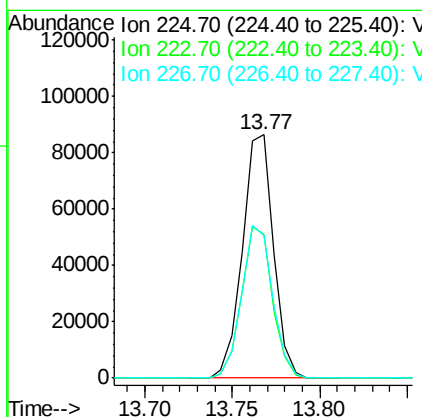
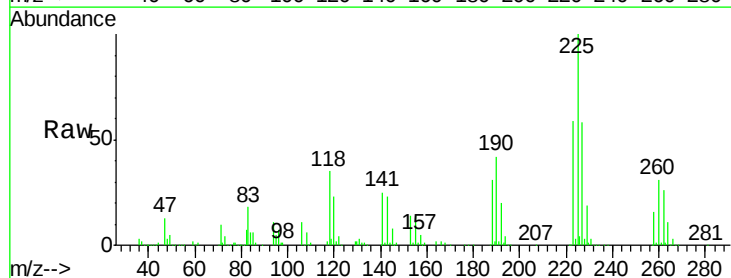
Manual Integrations  
 APPROVED

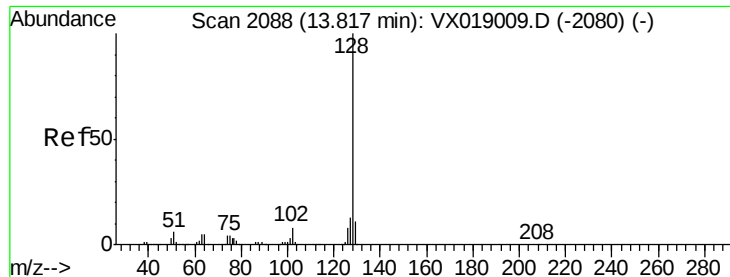
MMDadoda  
 10/23/2020 11:44:47 AM



#94  
 Hexachlorobutadiene  
 Concen: 49.537 ug/l  
 RT: 13.77 min Scan# 2080  
 Delta R.T. 0.01 min  
 Lab File: VX019014.D  
 Acq: 22 Oct 2020 10:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 61.6  | 32.5  | 97.4  |
| 227     | 62.5  | 31.9  | 95.7  |





#95

Naphthalene

Concen: 48.231 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX019014.D

Acq: 22 Oct 2020 10:01

Instrument :

MSVOA\_X

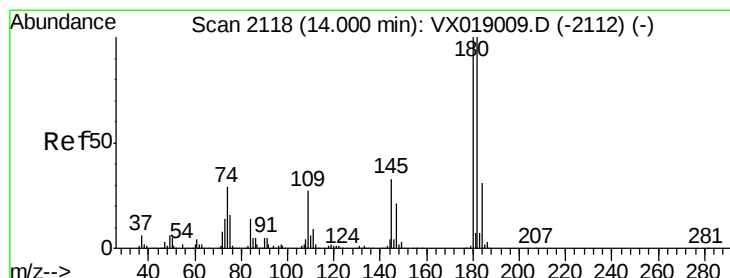
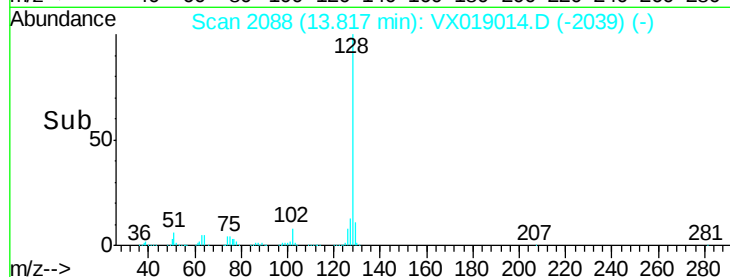
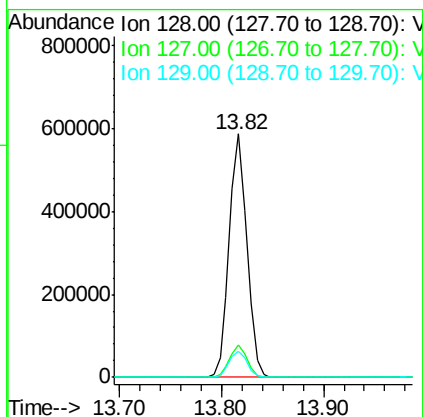
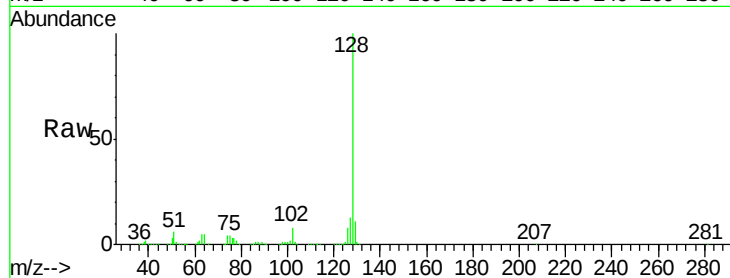
ClientSampleId :

VSTDCCC050

|           |      |       |        |
|-----------|------|-------|--------|
| Tot Ion:  | 128  | Resp: | 704178 |
| Ion Ratio |      | Lower | Upper  |
| 128       | 100  |       |        |
| 127       | 13.1 | 10.5  | 15.7   |
| 129       | 11.1 | 8.7   | 13.1   |

Manual Integrations  
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#96

1,2,3-Trichlorobenzene

Concen: 47.833 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VX019014.D

Acq: 22 Oct 2020 10:01

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 180  | Resp: | 216051 |
| Ion Ratio |      | Lower | Upper  |
| 180       | 100  |       |        |
| 182       | 96.4 | 47.3  | 142.0  |
| 145       | 32.7 | 15.9  | 47.6   |

