

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX112120\  
 Data File : VX019532.D  
 Acq On : 21 Nov 2020 07:04  
 Operator : JC/MD  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 51 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleID :  
 VSTDCCC050EC

Manual Integrations  
 APPROVED

MMDadoda  
 11/23/2020 11:05:50 AM

Quant Time: Nov 21 07:52:33 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X112120W.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Nov 21 01:57:45 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.62  | 168  | 281934   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.83  | 114  | 483292   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.10 | 117  | 430949   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.06 | 152  | 209655   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |       |          |          |      |         |
|---------------------------|--------|-------|----------|----------|------|---------|
| 33) 1,2-Dichloroethane-d4 | 6.03   | 65    | 186593   | 51.04    | ug/l | 0.00    |
| Spiked Amount             | 50.000 | Range | 61 - 141 | Recovery | =    | 102.08% |
| 35) Dibromofluoromethane  | 5.46   | 113   | 151520   | 49.95    | ug/l | 0.00    |
| Spiked Amount             | 50.000 | Range | 69 - 133 | Recovery | =    | 99.90%  |
| 50) Toluene-d8            | 8.70   | 98    | 567158   | 48.11    | ug/l | 0.00    |
| Spiked Amount             | 50.000 | Range | 65 - 126 | Recovery | =    | 96.22%  |
| 62) 4-Bromofluorobenzene  | 11.12  | 95    | 210721   | 49.68    | ug/l | 0.00    |
| Spiked Amount             | 50.000 | Range | 58 - 135 | Recovery | =    | 99.36%  |

## Target Compounds

|                               |      |     |         |         |      | Qvalue |
|-------------------------------|------|-----|---------|---------|------|--------|
| 2) Dichlorodifluoromethane    | 1.18 | 85  | 135612  | 49.463  | ug/l | 100    |
| 3) Chloromethane              | 1.31 | 50  | 140486  | 44.654  | ug/l | 99     |
| 4) Vinyl Chloride             | 1.39 | 62  | 165811  | 48.959  | ug/l | 99     |
| 5) Bromomethane               | 1.62 | 94  | 43231   | 33.701  | ug/l | 100    |
| 6) Chloroethane               | 1.69 | 64  | 41207   | 49.940  | ug/l | 96     |
| 7) Trichlorofluoromethane     | 1.90 | 101 | 237345  | 48.555  | ug/l | 98     |
| 8) Diethyl Ether              | 2.17 | 74  | 101032  | 51.609  | ug/l | 95     |
| 9) 1,1,2-Trichlorotrifluoroet | 2.36 | 101 | 129236  | 47.390  | ug/l | 99     |
| 10) Methyl Iodide             | 2.48 | 142 | 140514  | 39.221  | ug/l | 100    |
| 11) Tert butyl alcohol        | 3.05 | 59  | 199701  | 288.665 | ug/l | 100    |
| 12) 1,1-Dichloroethene        | 2.34 | 96  | 136830  | 48.885  | ug/l | 99     |
| 13) Acrolein                  | 2.28 | 56  | 99186   | 213.290 | ug/l | 100    |
| 14) Allyl chloride            | 2.70 | 41  | 211555  | 48.247  | ug/l | 99     |
| 15) Acrylonitrile             | 3.12 | 53  | 426644  | 261.500 | ug/l | 100    |
| 16) Acetone                   | 2.43 | 43  | 347266  | 245.652 | ug/l | 100    |
| 17) Carbon Disulfide          | 2.54 | 76  | 359477  | 47.806  | ug/l | 99     |
| 18) Methyl Acetate            | 2.75 | 43  | 184188  | 53.100  | ug/l | 99     |
| 19) Methyl tert-butyl Ether   | 3.17 | 73  | 525435  | 54.384  | ug/l | 97     |
| 20) Methylene Chloride        | 2.83 | 84  | 167744  | 47.475  | ug/l | 98     |
| 21) trans-1,2-Dichloroethene  | 3.14 | 96  | 157658  | 49.714  | ug/l | 98     |
| 22) Diisopropyl ether         | 3.82 | 45  | 470670  | 51.887  | ug/l | 98     |
| 23) Vinyl Acetate             | 3.79 | 43  | 2043126 | 268.528 | ug/l | 99     |
| 24) 1,1-Dichloroethane        | 3.67 | 63  | 282351  | 50.890  | ug/l | 100    |
| 25) 2-Butanone                | 4.64 | 43  | 545703  | 256.974 | ug/l | 99     |
| 26) 2,2-Dichloropropane       | 4.54 | 77  | 169175  | 34.933  | ug/l | 98     |
| 27) cis-1,2-Dichloroethene    | 4.56 | 96  | 187589  | 51.496  | ug/l | 99     |
| 28) Bromochloromethane        | 4.98 | 49  | 123359  | 46.504  | ug/l | 98     |
| 29) Tetrahydrofuran           | 5.09 | 42  | 350460  | 258.653 | ug/l | 99     |
| 30) Chloroform                | 5.17 | 83  | 295560  | 50.945  | ug/l | 99     |
| 31) Cyclohexane               | 5.54 | 56  | 230504  | 48.482  | ug/l | 95     |
| 32) 1,1,1-Trichloroethane     | 5.46 | 97  | 260794  | 52.331  | ug/l | 99     |
| 36) 1,1-Dichloropropene       | 5.76 | 75  | 214380  | 47.315  | ug/l | 99     |
| 37) Ethyl Acetate             | 4.79 | 43  | 216019  | 50.786  | ug/l | 99     |
| 38) Carbon Tetrachloride      | 5.75 | 117 | 216204  | 49.299  | ug/l | 99     |

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 Sample : VSTDCCC050  
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 ALS Vial : 51 Sample Multiplier: 1

Instrument :  
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 ClientSampleID :  
 VSTDCCC050EC

Manual Integrations  
 APPROVED

MMDadoda  
 11/23/2020 11:05:50 AM

Quant Time: Nov 21 07:52:33 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X112120W.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Nov 21 01:57:45 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc     | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|----------|--------|----------|
| 39) Methylcyclohexane          | 7.44  | 83   | 234241   | 44.401   | ug/l   | 99       |
| 40) Benzene                    | 6.11  | 78   | 674900   | 48.480   | ug/l   | 99       |
| 41) Methacrylonitrile          | 5.01  | 41   | 118732   | 50.619   | ug/l   | 99       |
| 42) 1,2-Dichloroethane         | 6.16  | 62   | 233986   | 49.038   | ug/l   | 100      |
| 43) Isopropyl Acetate          | 6.42  | 43   | 363983   | 50.905   | ug/l   | 100      |
| 44) Trichloroethene            | 7.18  | 130  | 173609   | 47.610   | ug/l   | 99       |
| 45) 1,2-Dichloropropane        | 7.49  | 63   | 168668   | 49.216   | ug/l   | 100      |
| 46) Dibromomethane             | 7.63  | 93   | 117545   | 50.113   | ug/l   | 99       |
| 47) Bromodichloromethane       | 7.87  | 83   | 233540   | 51.310   | ug/l   | 98       |
| 48) Methyl methacrylate        | 7.74  | 41   | 176674   | 52.760   | ug/l   | 99       |
| 49) 1,4-Dioxane                | 7.72  | 88   | 78623    | 1034.078 | ug/l   | 99       |
| 51) 4-Methyl-2-Pentanone       | 8.62  | 43   | 1071646  | 257.019  | ug/l   | 99       |
| 52) Toluene                    | 8.76  | 92   | 422683   | 49.633   | ug/l   | 99       |
| 53) t-1,3-Dichloropropene      | 9.02  | 75   | 246396   | 50.125   | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene    | 8.42  | 75   | 266992   | 48.943   | ug/l   | 99       |
| 55) 1,1,2-Trichloroethane      | 9.20  | 97   | 171086   | 49.328   | ug/l   | 99       |
| 56) Ethyl methacrylate         | 9.16  | 69   | 265983   | 54.197   | ug/l   | 99       |
| 57) 1,3-Dichloropropane        | 9.35  | 76   | 290596   | 50.044   | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether  | 8.29  | 63   | 692925   | 240.957  | ug/l   | 99       |
| 59) 2-Hexanone                 | 9.48  | 43   | 808729   | 255.745  | ug/l   | 99       |
| 60) Dibromochloromethane       | 9.57  | 129  | 177825   | 52.344   | ug/l   | 99       |
| 61) 1,2-Dibromoethane          | 9.65  | 107  | 180903   | 50.601   | ug/l   | 99       |
| 64) Tetrachloroethene          | 9.32  | 164  | 148137   | 43.731   | ug/l   | 95       |
| 65) Chlorobenzene              | 10.12 | 112  | 433272   | 48.900   | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane  | 10.20 | 131  | 164961   | 51.184   | ug/l   | 98       |
| 67) Ethyl Benzene              | 10.23 | 91   | 782400   | 50.406   | ug/l   | 98       |
| 68) m/p-Xylenes                | 10.34 | 106  | 586205   | 101.368  | ug/l   | 98       |
| 69) o-Xylene                   | 10.68 | 106  | 281470   | 50.916   | ug/l   | 99       |
| 70) Styrene                    | 10.70 | 104  | 482567   | 47.252   | ug/l   | 99       |
| 71) Bromoform                  | 10.84 | 173  | 125718   | 46.333   | ug/l # | 98       |
| 73) Isopropylbenzene           | 11.00 | 105  | 750350   | 51.736   | ug/l   | 99       |
| 74) N-amyl acetate             | 10.88 | 43   | 312535   | 57.507   | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane  | 11.25 | 83   | 263713   | 50.845   | ug/l   | 100      |
| 76) 1,2,3-Trichloropropane     | 11.28 | 75   | 231622m  | 50.624   | ug/l   |          |
| 77) Bromobenzene               | 11.24 | 156  | 185327   | 50.055   | ug/l   | 99       |
| 78) n-propylbenzene            | 11.34 | 91   | 838093   | 50.371   | ug/l   | 100      |
| 79) 2-Chlorotoluene            | 11.40 | 91   | 516055   | 51.143   | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene     | 11.49 | 105  | 625385   | 51.402   | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-buten | 11.06 | 75   | 76809    | 45.736   | ug/l   | 98       |
| 82) 4-Chlorotoluene            | 11.49 | 91   | 601055   | 50.600   | ug/l   | 100      |
| 83) tert-Butylbenzene          | 11.76 | 119  | 616926   | 52.412   | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene     | 11.79 | 105  | 639969   | 51.986   | ug/l   | 99       |
| 85) sec-Butylbenzene           | 11.93 | 105  | 690894   | 49.339   | ug/l   | 100      |
| 86) p-Isopropyltoluene         | 12.05 | 119  | 629430   | 49.508   | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene        | 12.01 | 146  | 338028   | 49.713   | ug/l   | 100      |
| 88) 1,4-Dichlorobenzene        | 12.08 | 146  | 338964   | 48.396   | ug/l   | 99       |
| 89) n-Butylbenzene             | 12.37 | 91   | 531899   | 46.277   | ug/l   | 98       |
| 90) Hexachloroethane           | 12.58 | 117  | 110513   | 51.947   | ug/l   | 100      |
| 91) 1,2-Dichlorobenzene        | 12.37 | 146  | 341218   | 49.964   | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropropan | 12.98 | 75   | 57262    | 54.117   | ug/l   | 99       |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112120\  
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Sample : VSTDCCC050  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 51 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Manual Integrations  
APPROVED

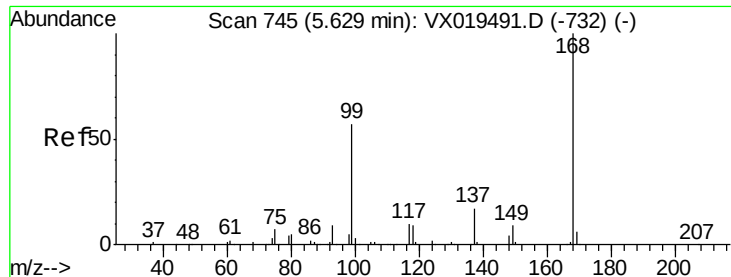
MMDadoda  
11/23/2020 11:05:50 AM

Quant Time: Nov 21 07:52:33 2020  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X112120W.M  
Quant Title : SW846 8260  
QLast Update : Sat Nov 21 01:57:45 2020  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 13.63 | 180  | 218026   | 49.726 | ug/l  | 98       |
| 94) Hexachlorobutadiene    | 13.76 | 225  | 83900    | 42.006 | ug/l  | 97       |
| 95) Naphthalene            | 13.82 | 128  | 769819   | 49.790 | ug/l  | 100      |
| 96) 1,2,3-Trichlorobenzene | 14.00 | 180  | 223164   | 50.885 | ug/l  | 97       |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.62 min Scan# 744

Delta R.T. -0.01 min

Lab File: VX019532.D

Acq: 21 Nov 2020 07:04

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 281934

Ion Ratio Lower Upper

168 100

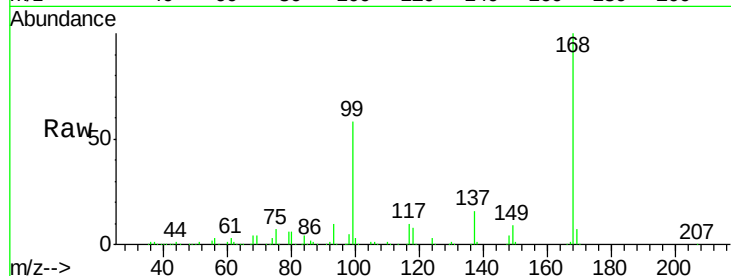
99 58.4 45.8 68.6

Manual Integrations

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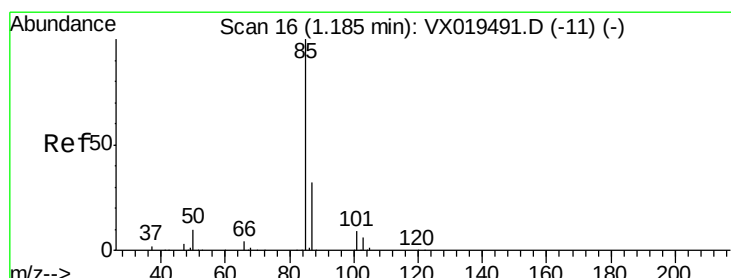
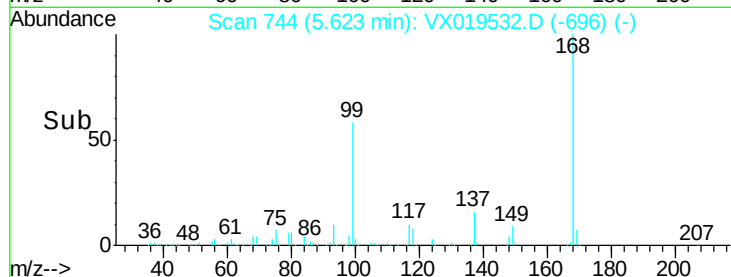
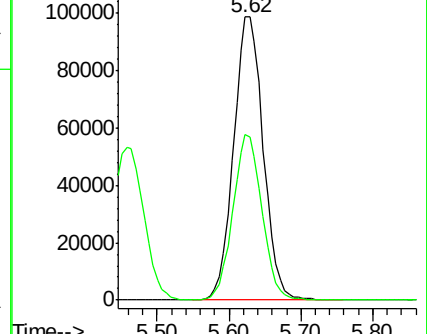
MMDadoda

11/23/2020 11:05:50 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 49.463 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX019532.D

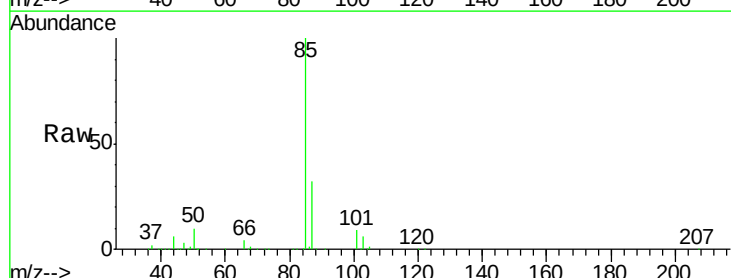
Acq: 21 Nov 2020 07:04

Tgt Ion: 85 Resp: 135612

Ion Ratio Lower Upper

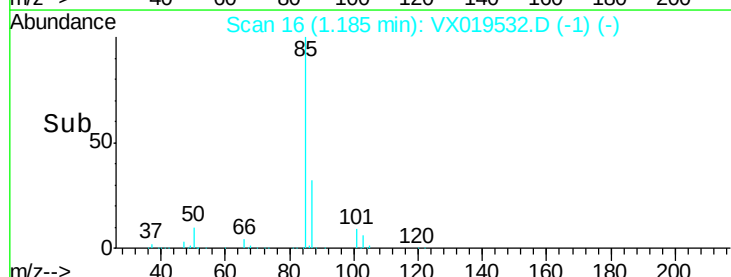
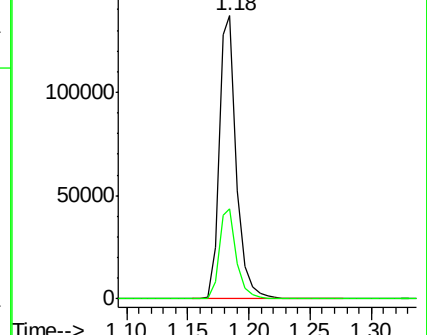
85 100

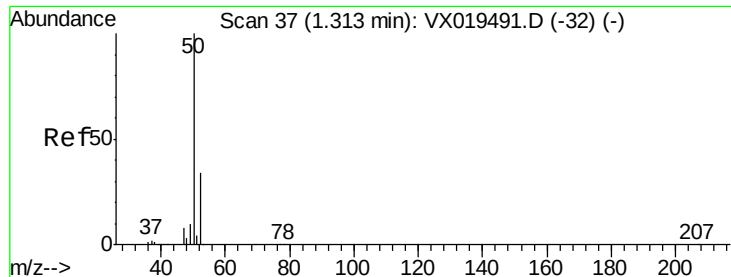
87 32.0 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 44.654 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX019532.D

Acq: 21 Nov 2020 07:04

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 140486

Ion Ratio Lower Upper

50 100

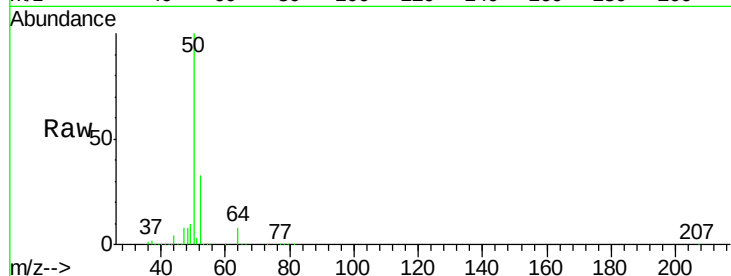
52 33.5 27.0 40.6

Manual Integrations

APPROVED

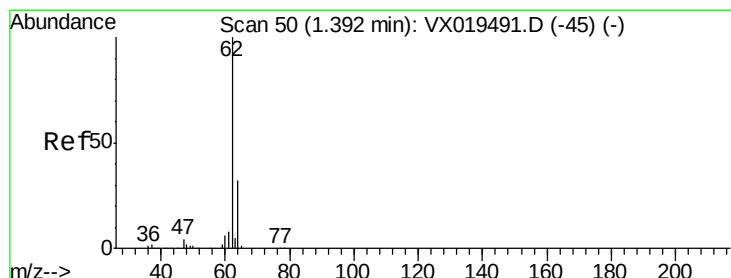
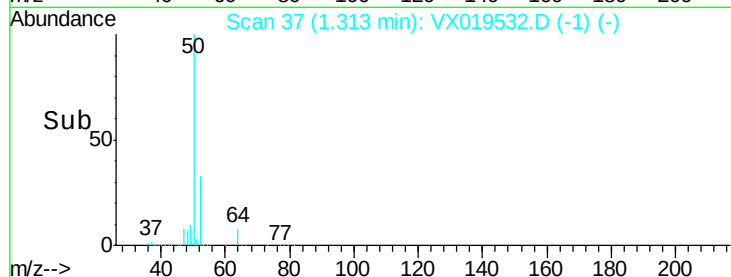
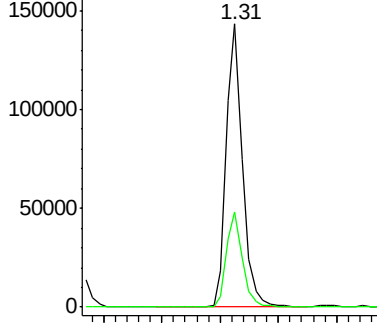
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11/23/2020 11:05:50 AM



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 48.959 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX019532.D

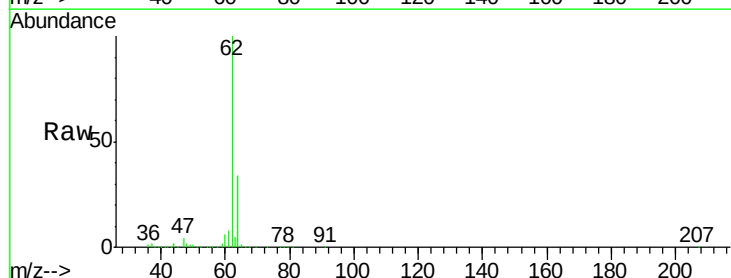
Acq: 21 Nov 2020 07:04

Tgt Ion: 62 Resp: 165811

Ion Ratio Lower Upper

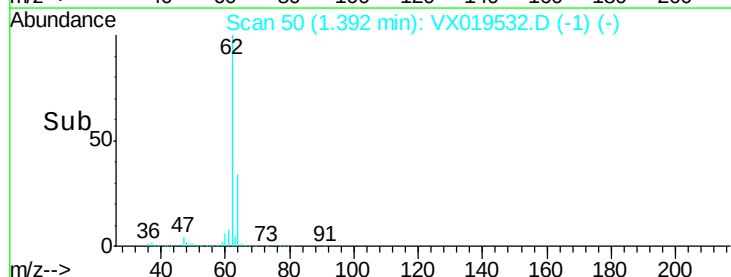
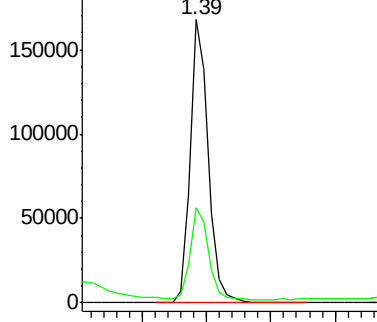
62 100

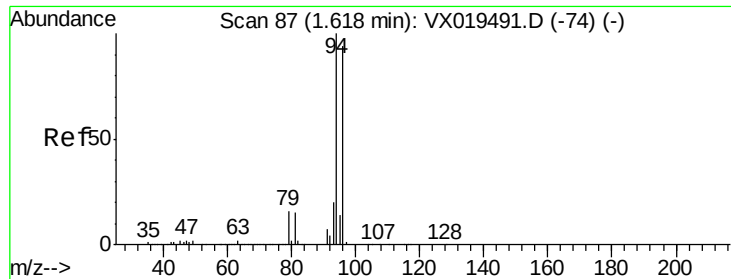
64 32.3 25.4 38.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 33.701 ug/l

RT: 1.62 min Scan# 87

Delta R.T. -0.00 min

Lab File: VX019532.D

Acq: 21 Nov 2020 07:04

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 43231

Ion Ratio Lower Upper

94 100

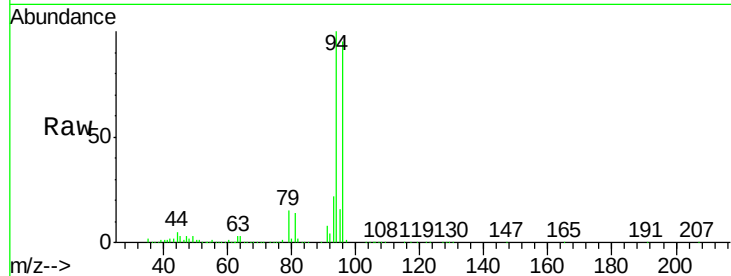
96 94.7 75.6 113.4

Manual Integrations

APPROVED

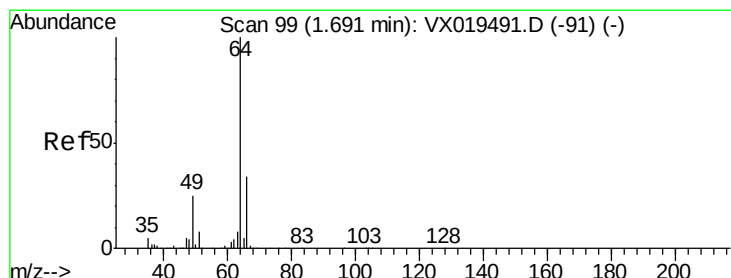
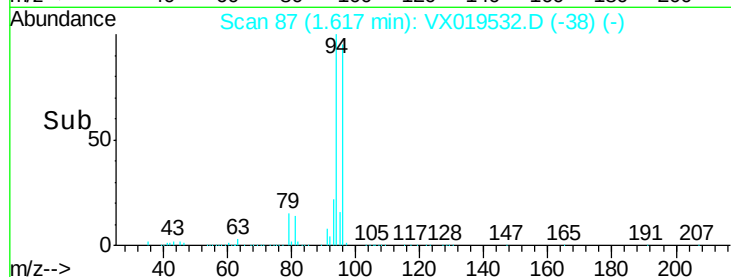
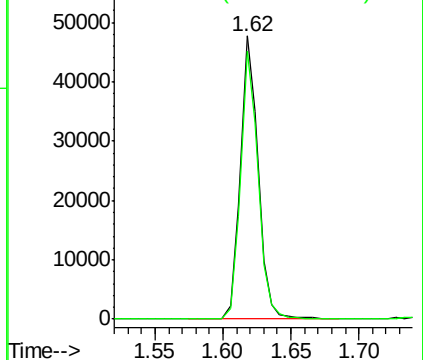
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 49.940 ug/l

RT: 1.69 min Scan# 99

Delta R.T. 0.00 min

Lab File: VX019532.D

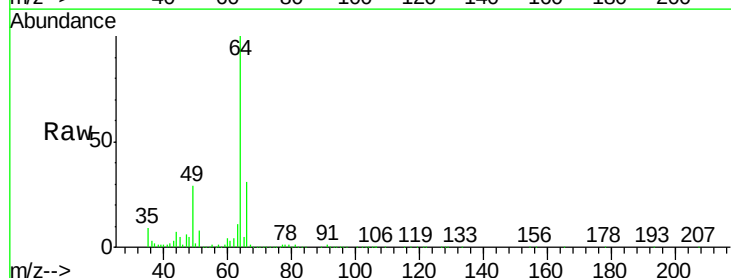
Acq: 21 Nov 2020 07:04

Tgt Ion: 64 Resp: 41207

Ion Ratio Lower Upper

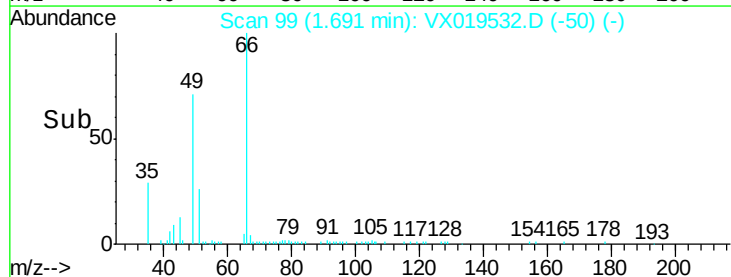
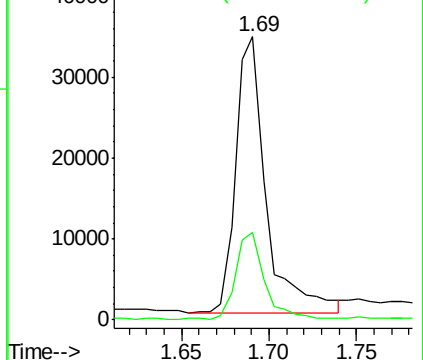
64 100

66 31.3 27.1 40.7

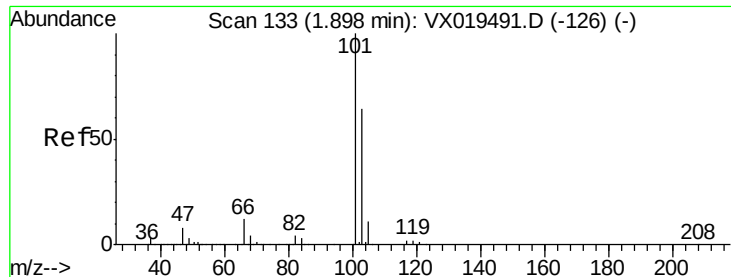


Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0







#7

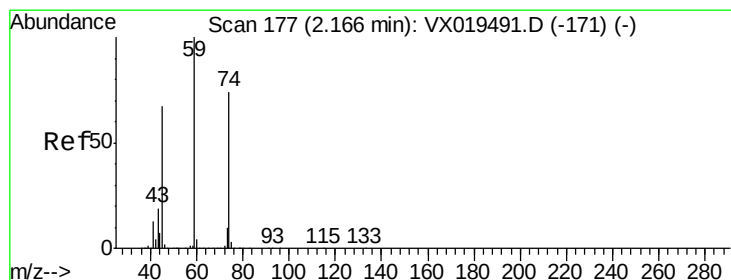
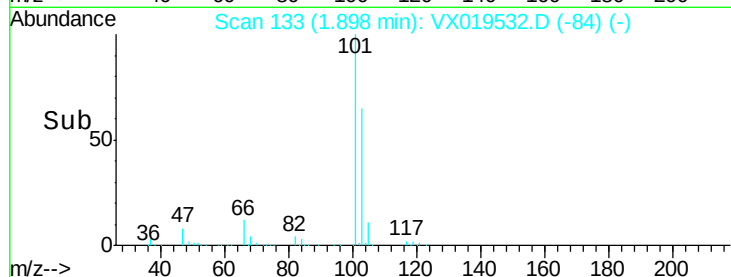
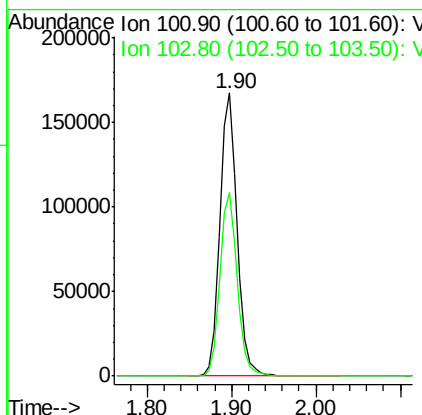
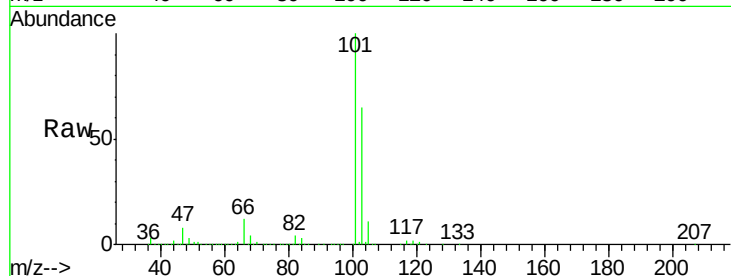
Trichlorofluoromethane  
Concen: 48.555 ug/l  
RT: 1.90 min Scan# 133  
Delta R.T. -0.00 min  
Lab File: VX019532.D  
Acq: 21 Nov 2020 07:04

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 101     | 100   |       |       |
| 103     | 64.9  | 50.9  | 76.3  |

Manual Integrations  
APPROVED

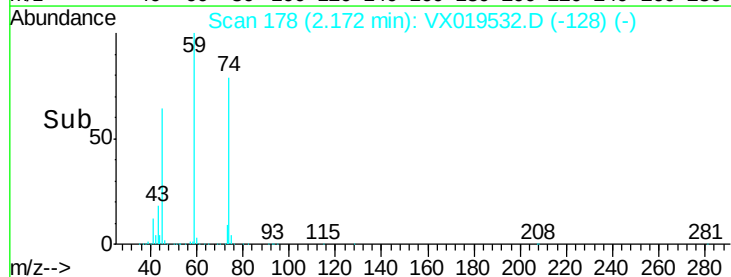
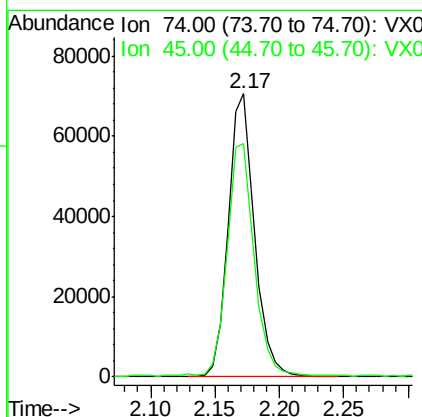
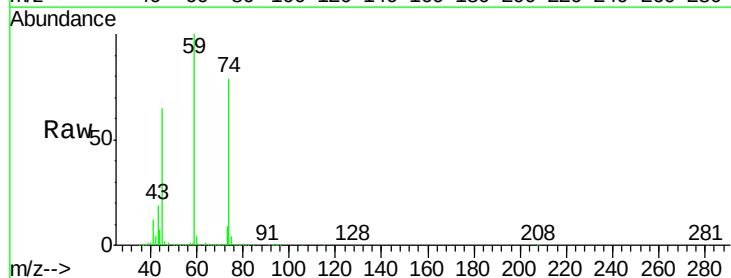
MMDadoda  
11/23/2020 11:05:50 AM



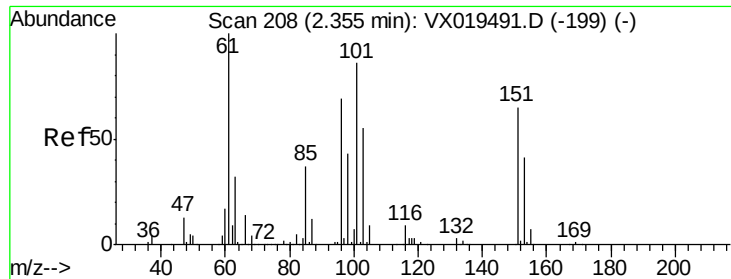
#8

Diethyl Ether  
Concen: 51.609 ug/l  
RT: 2.17 min Scan# 178  
Delta R.T. 0.01 min  
Lab File: VX019532.D  
Acq: 21 Nov 2020 07:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 74      | 100   |       |       |
| 45      | 84.5  | 44.4  | 133.2 |







#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.390 ug/l

RT: 2.36 min Scan# 208

Delta R.T. -0.00 min

Lab File: VX019532.D

Acq: 21 Nov 2020 07:04

Instrument :

MSVOA\_X

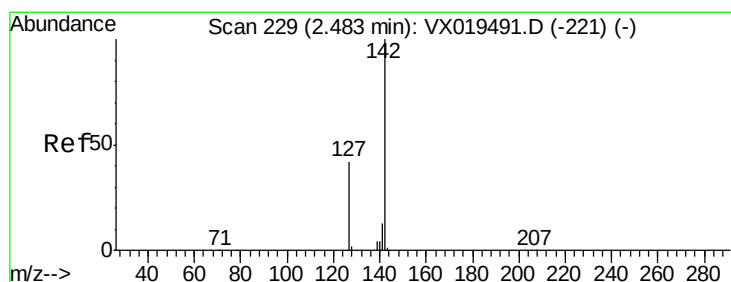
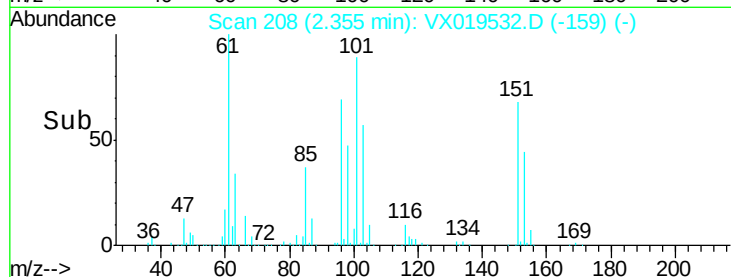
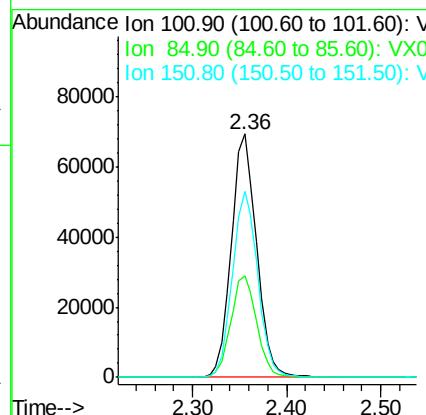
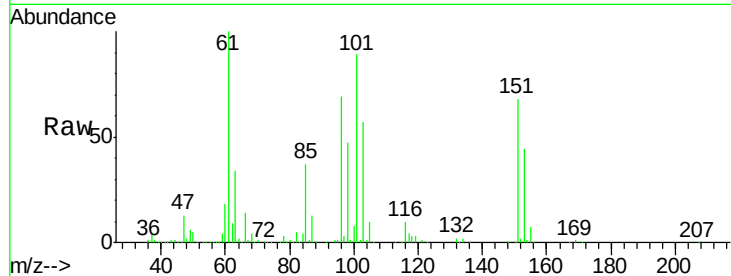
ClientSampleId :

VSTDCCC050EC

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 101   | Resp: | 129236 |
| Ion Ratio | Lower | Upper |        |
| 101       | 100   |       |        |
| 85        | 42.7  | 33.9  | 50.9   |
| 151       | 76.8  | 60.9  | 91.3   |

Manual Integrations  
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MMDadoda  
11/23/2020 11:05:50 AM



#10

Methyl Iodide

Concen: 39.221 ug/l

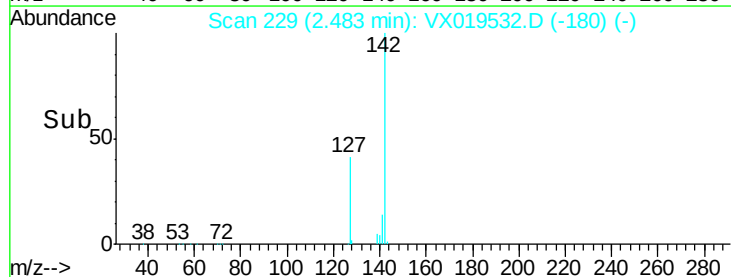
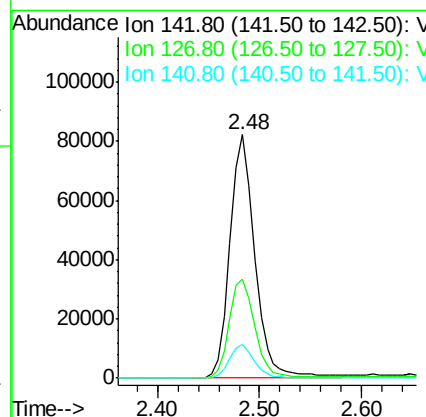
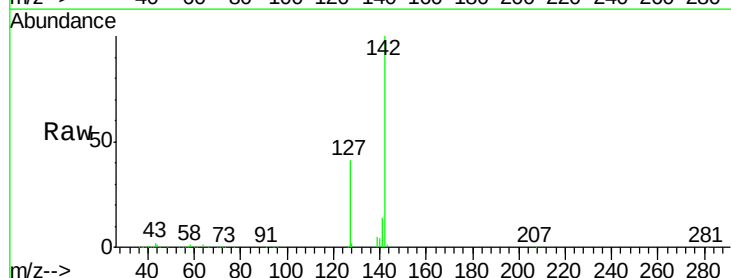
RT: 2.48 min Scan# 229

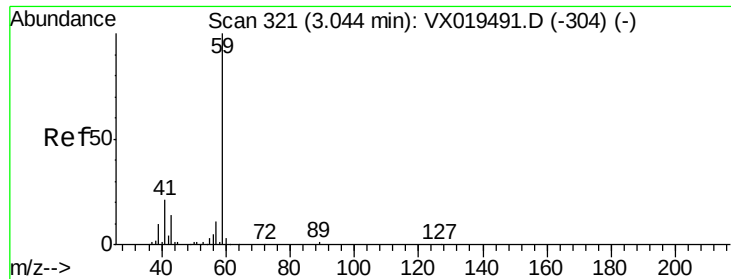
Delta R.T. -0.00 min

Lab File: VX019532.D

Acq: 21 Nov 2020 07:04

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 142   | Resp: | 140514 |
| Ion Ratio | Lower | Upper |        |
| 142       | 100   |       |        |
| 127       | 42.0  | 33.8  | 50.6   |
| 141       | 14.0  | 11.0  | 16.6   |





#11

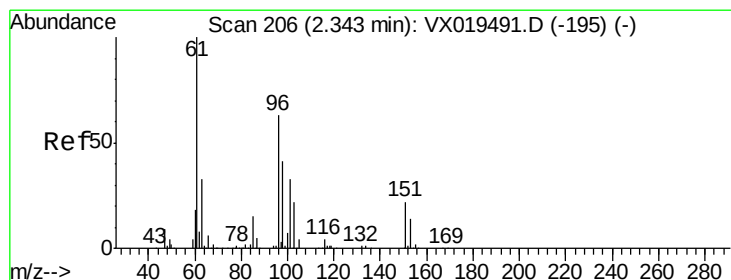
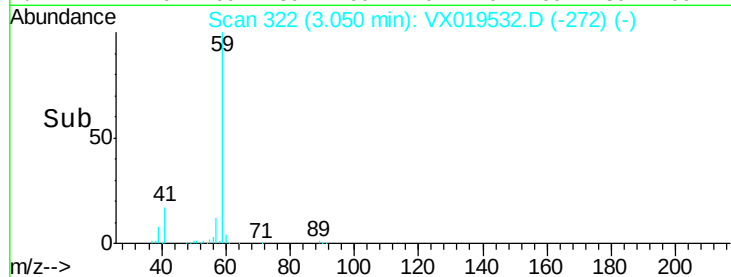
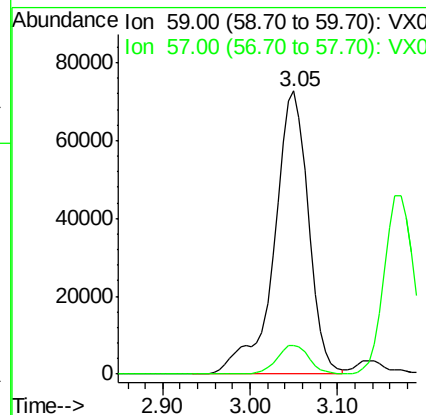
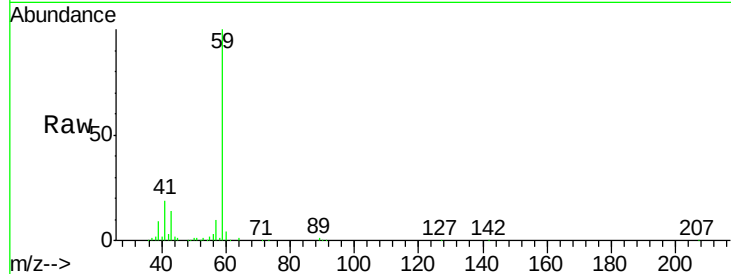
Tert butyl alcohol  
Concen: 288.665 ug/l  
RT: 3.05 min Scan# 322  
Delta R.T. 0.01 min  
Lab File: VX019532.D  
Acq: 21 Nov 2020 07:04

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ion | Ratio | Resp   | Lower | Upper |
|---------|-----|-------|--------|-------|-------|
| 59      | 59  | 100   | 199701 |       |       |
| 57      | 57  | 9.7   |        | 7.9   | 11.9  |

Manual Integrations  
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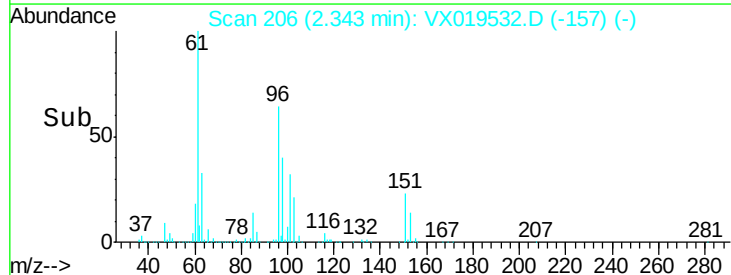
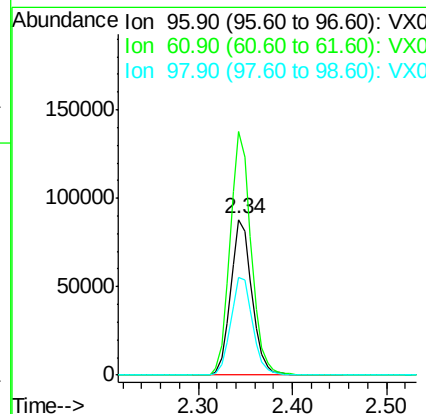
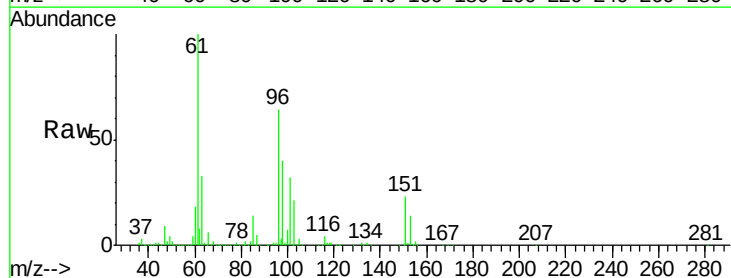
MMDadoda  
11/23/2020 11:05:50 AM

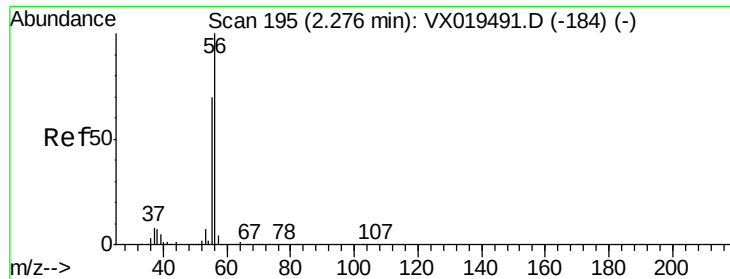


#12

1,1-Dichloroethene  
Concen: 48.885 ug/l  
RT: 2.34 min Scan# 206  
Delta R.T. -0.00 min  
Lab File: VX019532.D  
Acq: 21 Nov 2020 07:04

| Tgt Ion | Ion | Ratio | Resp   | Lower | Upper |
|---------|-----|-------|--------|-------|-------|
| 96      | 96  | 100   | 136830 |       |       |
| 61      | 61  | 156.7 |        | 126.0 | 189.0 |
| 98      | 98  | 62.9  |        | 52.0  | 78.0  |





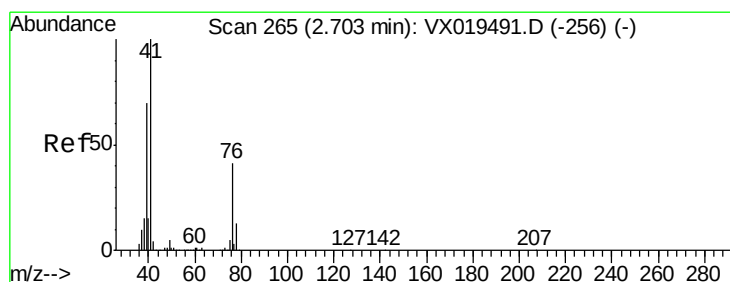
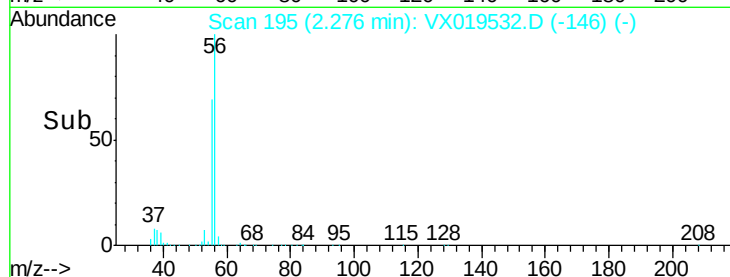
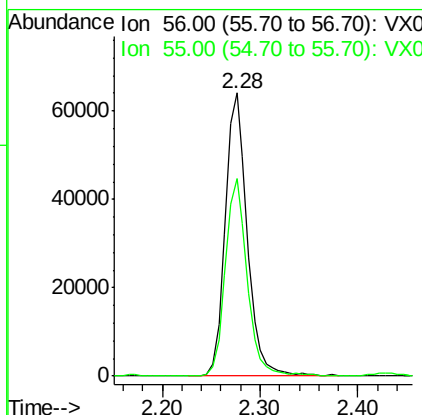
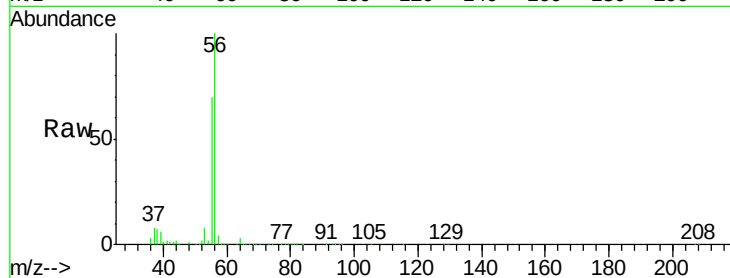
#13  
Acrolein  
Concen: 213.290 ug/l  
RT: 2.28 min Scan# 195  
Delta R.T. -0.00 min  
Lab File: VX019532.D  
Acq: 21 Nov 2020 07:04

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 56      | 100   |       |       |
| 55      | 69.4  | 55.5  | 83.3  |

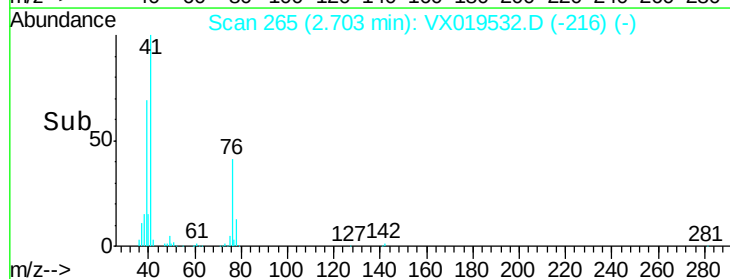
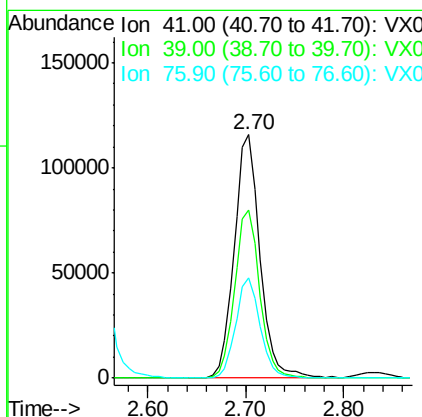
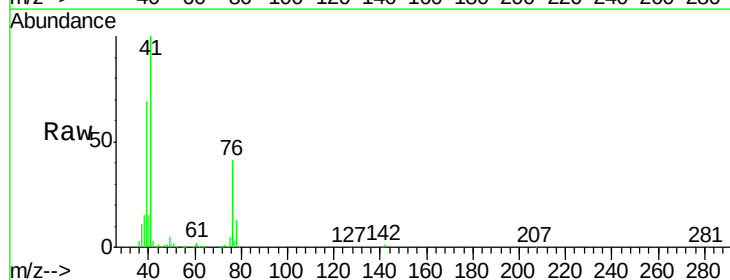
Manual Integrations  
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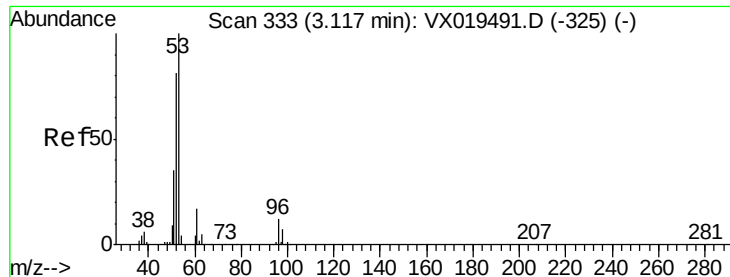
MMDadoda  
11/23/2020 11:05:50 AM



#14  
Allyl chloride  
Concen: 48.247 ug/l  
RT: 2.70 min Scan# 265  
Delta R.T. -0.00 min  
Lab File: VX019532.D  
Acq: 21 Nov 2020 07:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 41      | 100   |       |       |
| 39      | 66.8  | 53.0  | 79.4  |
| 76      | 39.3  | 31.0  | 46.6  |





#15

Acrylonitrile

Concen: 261.500 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX019532.D

Acq: 21 Nov 2020 07:04

Instrument :

MSVOA\_X

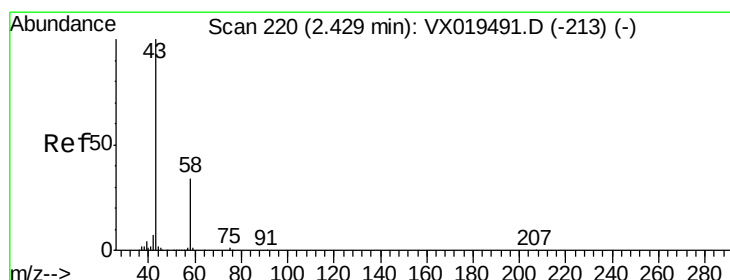
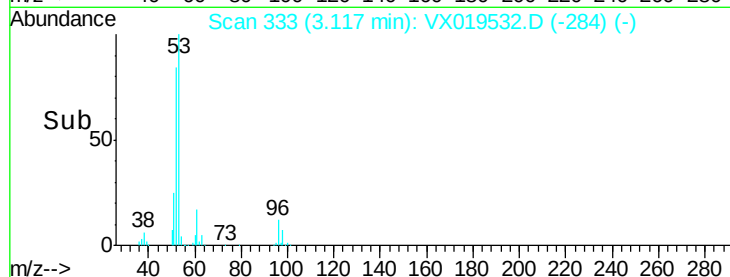
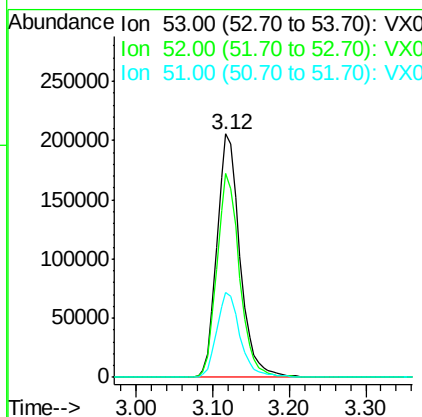
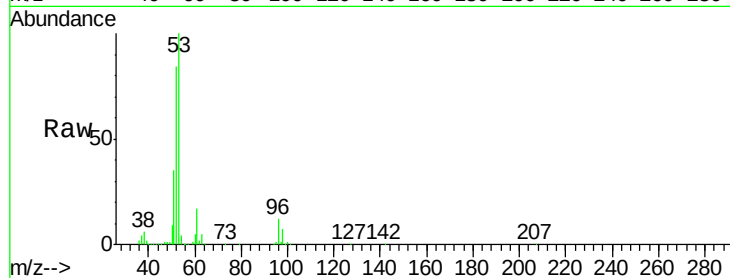
ClientSampleId :

VSTDCCC050EC

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 53    | Resp: | 426644 |
| Ion      | Ratio | Lower | Upper  |
| 53       | 100   |       |        |
| 52       | 82.9  | 66.2  | 99.2   |
| 51       | 35.5  | 28.5  | 42.7   |

Manual Integrations  
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11/23/2020 11:05:50 AM



#16

Acetone

Concen: 245.652 ug/l

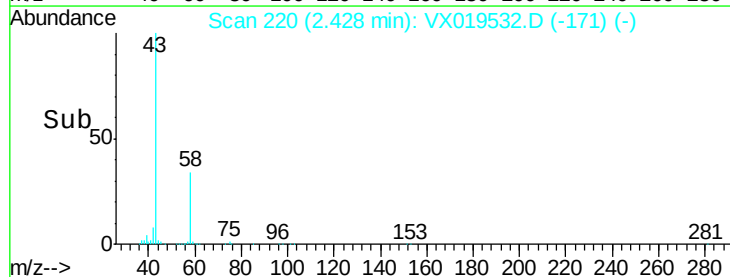
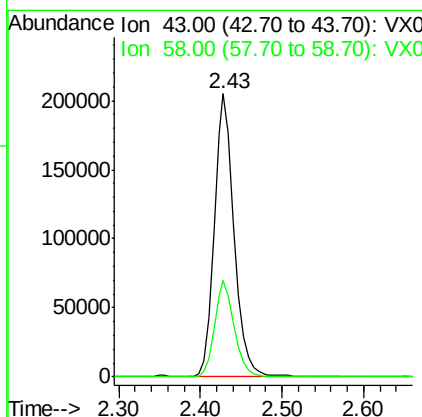
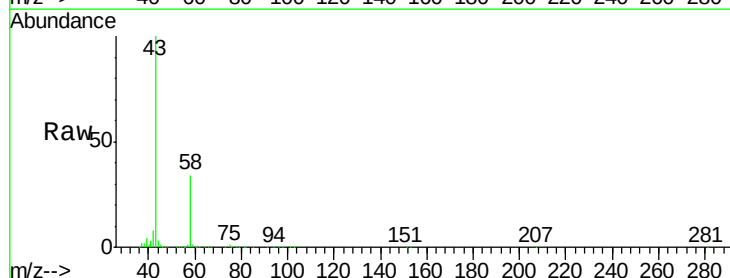
RT: 2.43 min Scan# 220

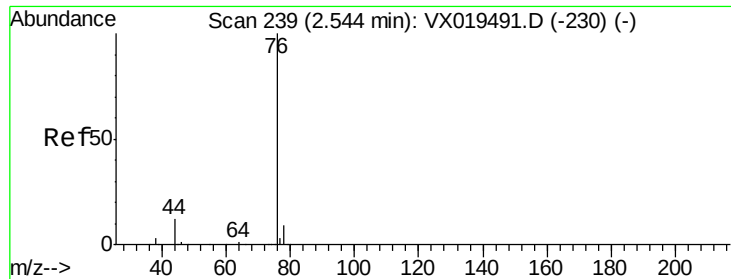
Delta R.T. -0.00 min

Lab File: VX019532.D

Acq: 21 Nov 2020 07:04

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 43    | Resp: | 347266 |
| Ion      | Ratio | Lower | Upper  |
| 43       | 100   |       |        |
| 58       | 34.2  | 27.4  | 41.2   |





#17

Carbon Disulfide

Concen: 47.806 ug/l

RT: 2.54 min Scan# 238

Delta R.T. -0.01 min

Lab File: VX019532.D

Acq: 21 Nov 2020 07:04

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 359477

Ion Ratio Lower Upper

76 100

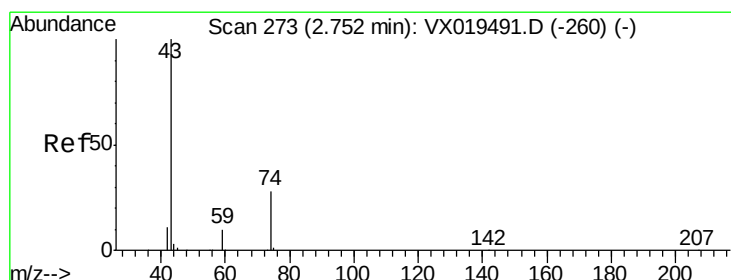
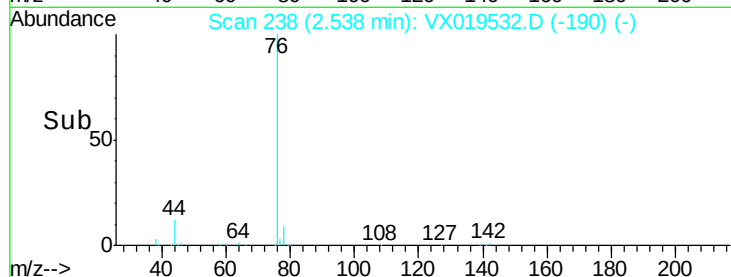
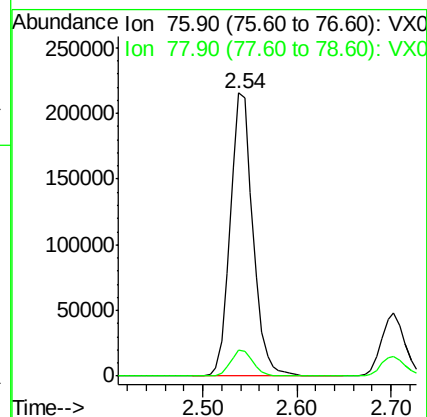
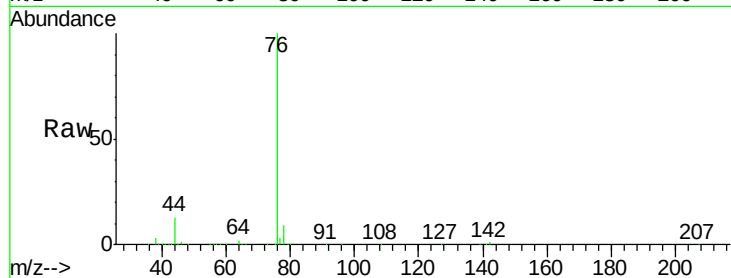
78 9.2 7.2 10.8

Manual Integrations

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#18

Methyl Acetate

Concen: 53.100 ug/l

RT: 2.75 min Scan# 273

Delta R.T. 0.00 min

Lab File: VX019532.D

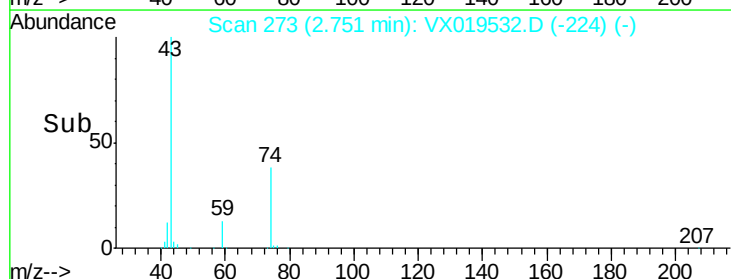
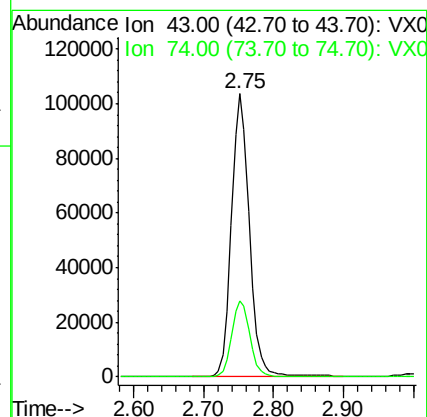
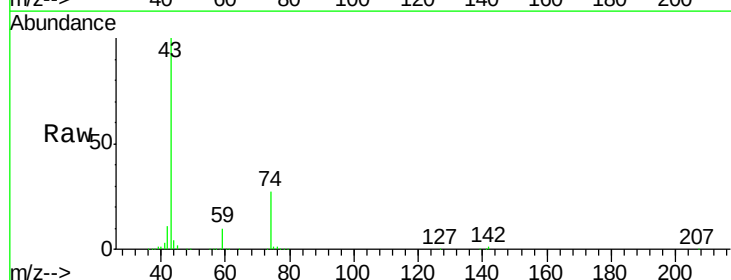
Acq: 21 Nov 2020 07:04

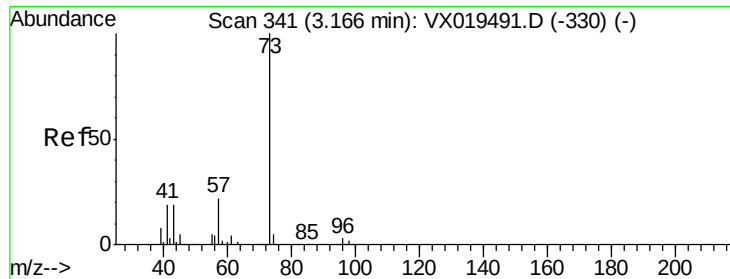
Tgt Ion: 43 Resp: 184188

Ion Ratio Lower Upper

43 100

74 27.5 22.2 33.4





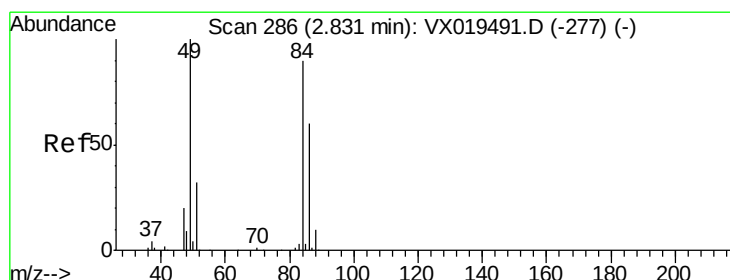
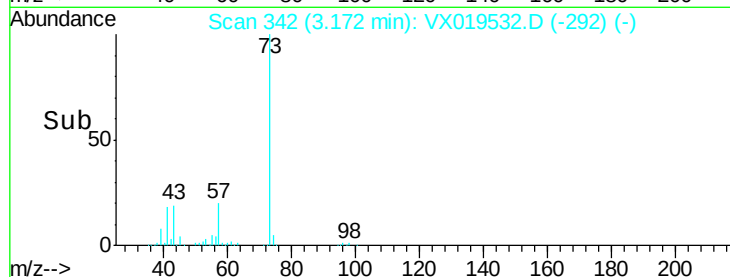
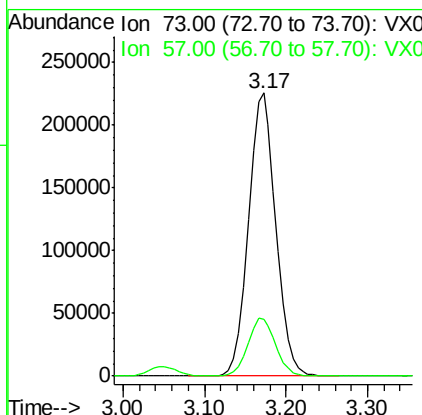
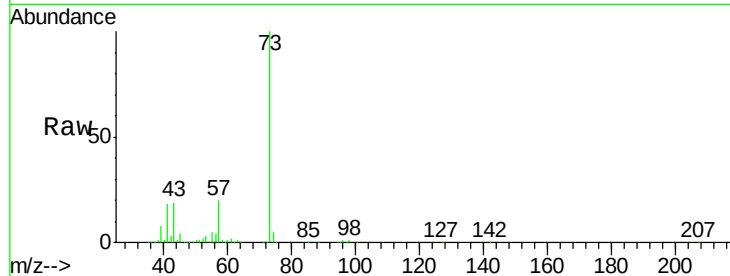
#19  
Methyl tert-butyl Ether  
Concen: 54.384 ug/l  
RT: 3.17 min Scan# 342  
Delta R.T. 0.01 min  
Lab File: VX019532.D  
Acq: 21 Nov 2020 07:04

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 73      | 100   |       |       |
| 57      | 20.3  | 17.3  | 25.9  |

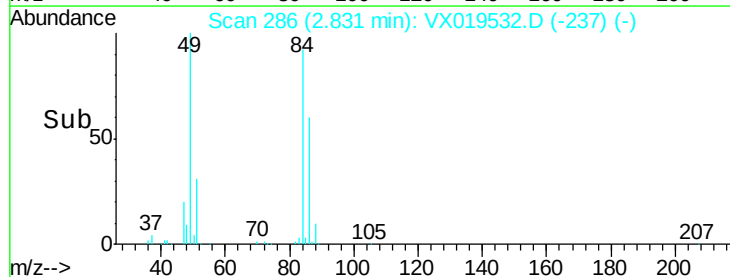
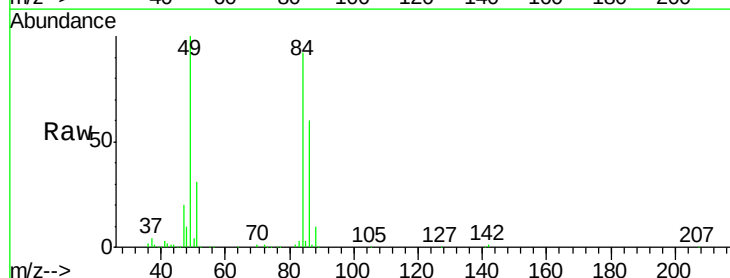
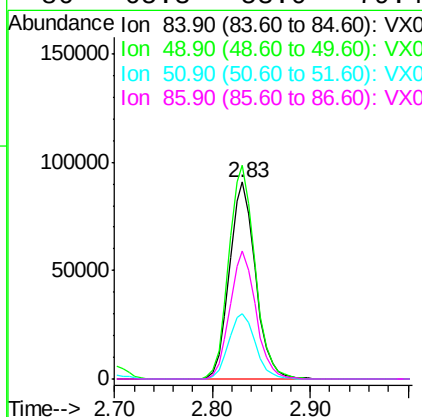
Manual Integrations  
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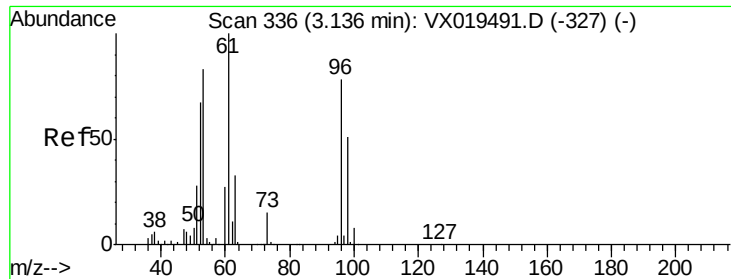
MMDadoda  
11/23/2020 11:05:50 AM



#20  
Methylene Chloride  
Concen: 47.475 ug/l  
RT: 2.83 min Scan# 286  
Delta R.T. -0.00 min  
Lab File: VX019532.D  
Acq: 21 Nov 2020 07:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 84      | 100   |       |       |
| 49      | 108.6 | 88.5  | 132.7 |
| 51      | 33.5  | 28.0  | 42.0  |
| 86      | 65.3  | 53.0  | 79.4  |





#21

trans-1,2-Dichloroethene

Concen: 49.714 ug/l

RT: 3.14 min Scan# 336

Delta R.T. -0.00 min

Lab File: VX019532.D

Acq: 21 Nov 2020 07:04

Instrument :

MSVOA\_X

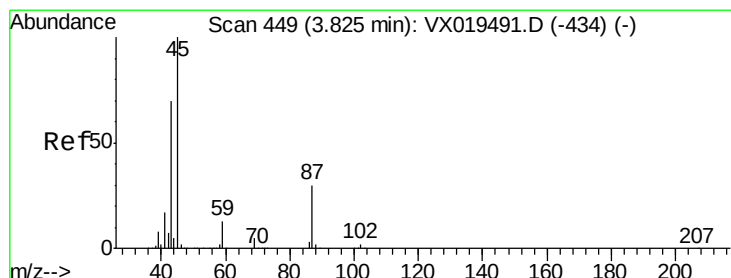
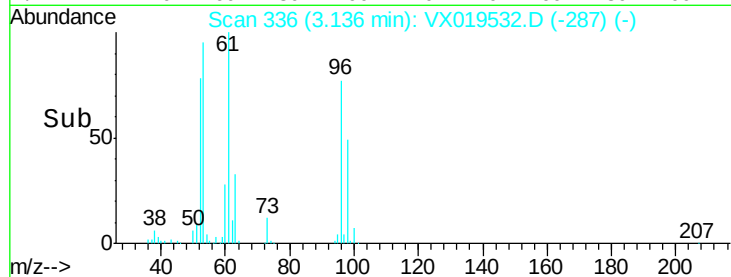
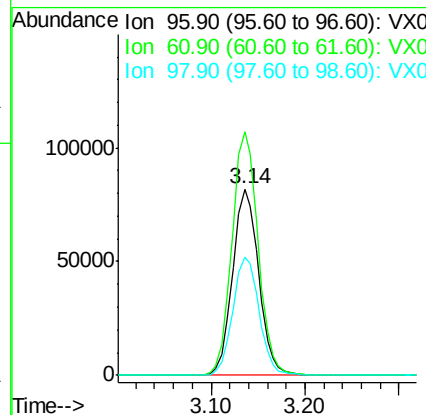
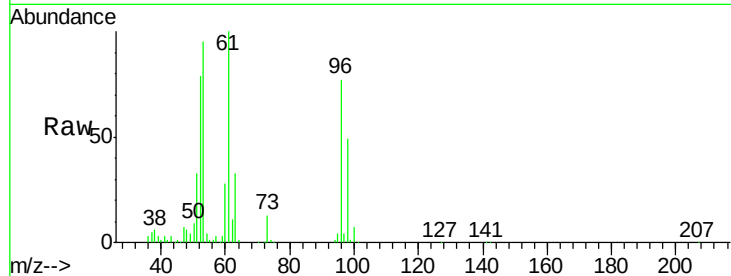
ClientSampleId :

VSTDCCC050EC

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 96    | Resp: | 157658 |
| Ion      | Ratio | Lower | Upper  |
| 96       | 100   |       |        |
| 61       | 130.5 | 102.9 | 154.3  |
| 98       | 63.4  | 52.1  | 78.1   |

Manual Integrations  
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#22

Diisopropyl ether

Concen: 51.887 ug/l

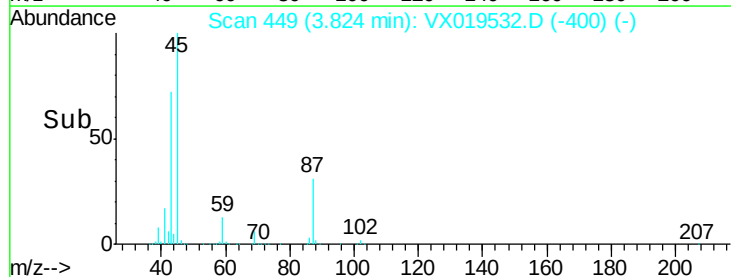
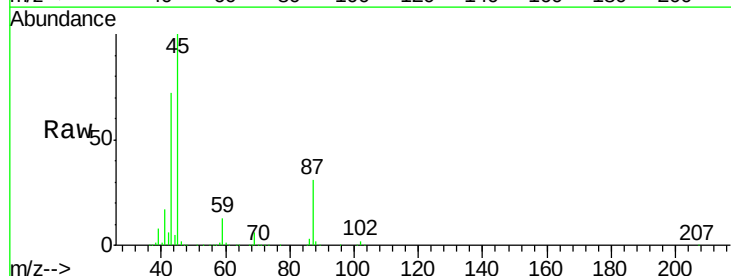
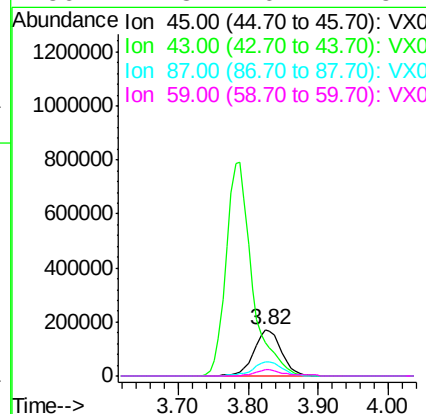
RT: 3.82 min Scan# 449

Delta R.T. -0.00 min

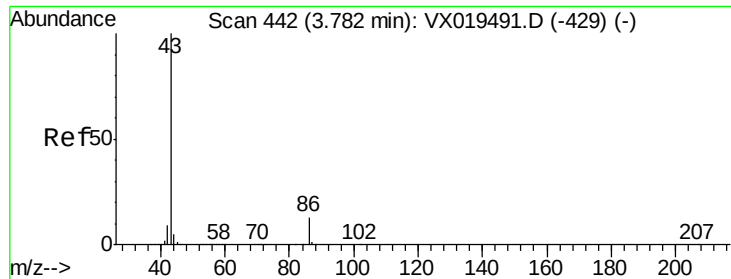
Lab File: VX019532.D

Acq: 21 Nov 2020 07:04

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 45    | Resp: | 470670 |
| Ion      | Ratio | Lower | Upper  |
| 45       | 100   |       |        |
| 43       | 72.1  | 56.1  | 84.1   |
| 87       | 31.2  | 24.2  | 36.2   |
| 59       | 12.8  | 10.2  | 15.2   |







#23

Vinyl Acetate

Concen: 268.528 ug/l

RT: 3.79 min Scan# 443

Delta R.T. 0.01 min

Lab File: VX019532.D

Acq: 21 Nov 2020 07:04

Tot Ion: 43 Resp: 2043126

Ion Ratio Lower Upper

43 100

86 13.0 10.2 15.2

Instrument :

MSVOA\_X

ClientSampleId :

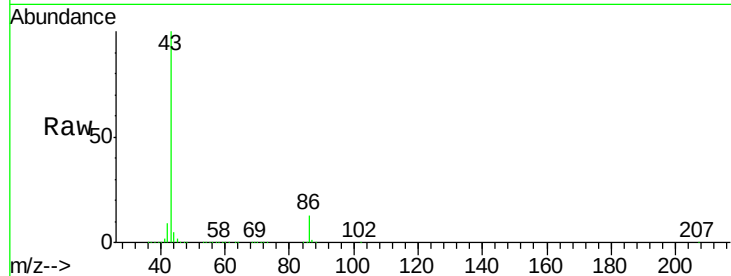
VSTDCCC050EC

Manual Integrations

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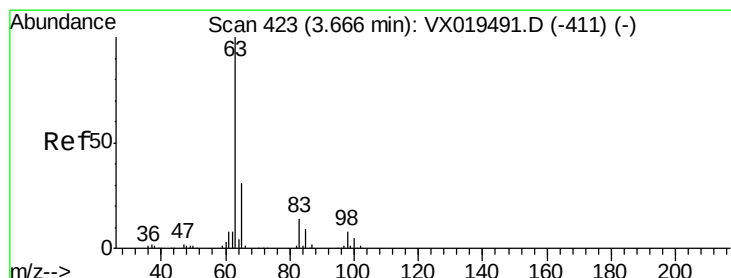
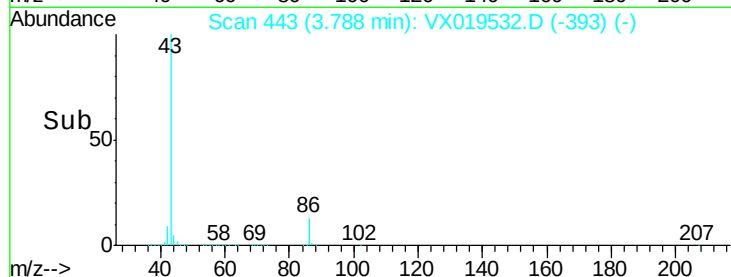
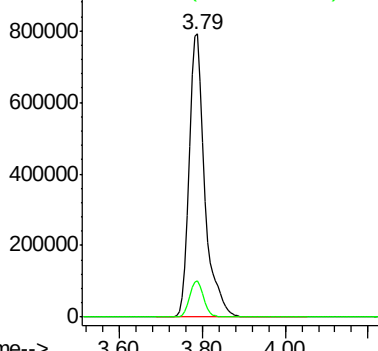
MMDadoda

11/23/2020 11:05:50 AM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 50.890 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX019532.D

Acq: 21 Nov 2020 07:04

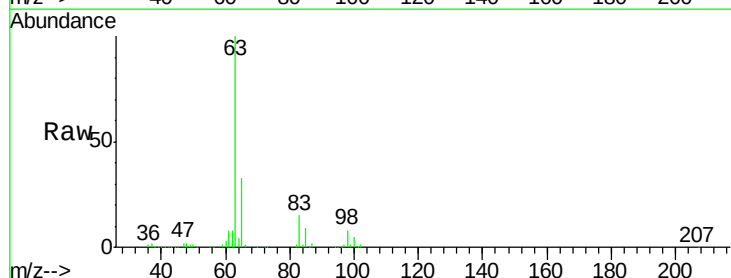
Tgt Ion: 63 Resp: 282351

Ion Ratio Lower Upper

63 100

98 7.6 3.9 11.7

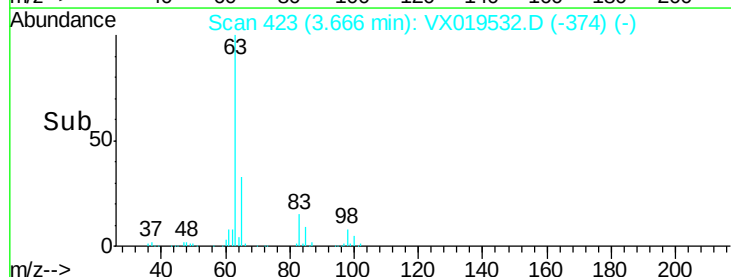
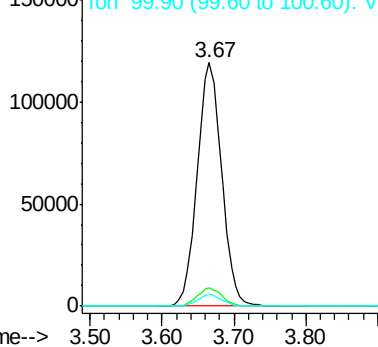
100 4.7 2.4 7.1

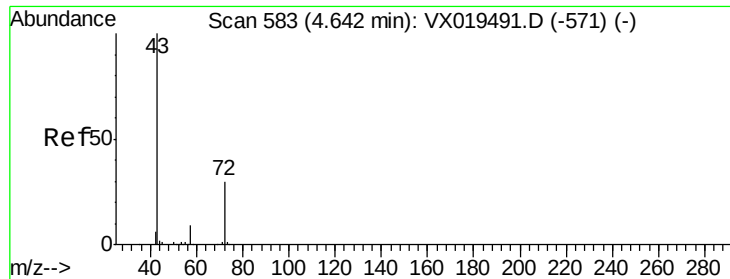


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 256.974 ug/l

RT: 4.64 min Scan# 583

Delta R.T. -0.00 min

Lab File: VX019532.D

Acq: 21 Nov 2020 07:04

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 545703

Ion Ratio Lower Upper

43 100

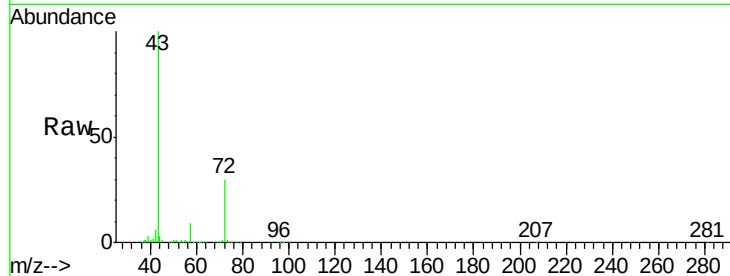
72 30.3 24.0 36.0

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.64

200000

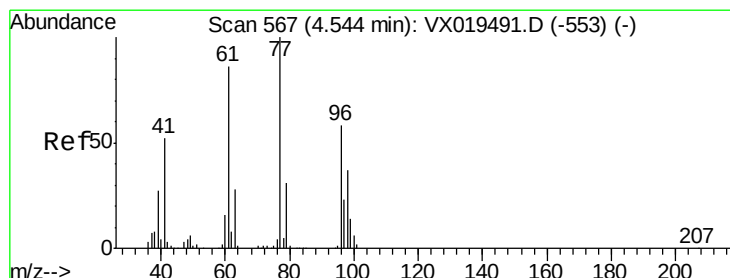
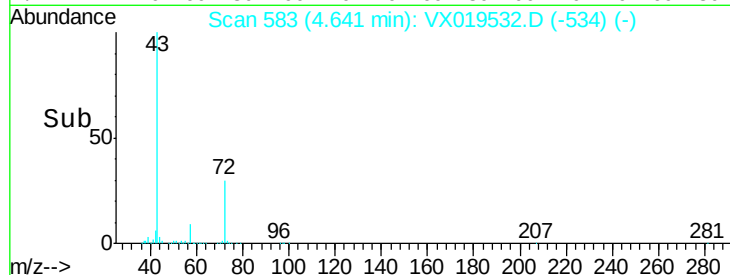
150000

100000

50000

0

Time-->



#26

2,2-Dichloropropane

Concen: 34.933 ug/l

RT: 4.54 min Scan# 567

Delta R.T. -0.00 min

Lab File: VX019532.D

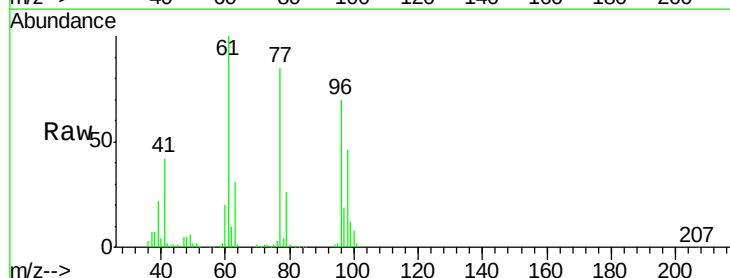
Acq: 21 Nov 2020 07:04

Tgt Ion: 77 Resp: 169175

Ion Ratio Lower Upper

77 100

97 24.2 11.6 34.8



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

4.54

60000

50000

40000

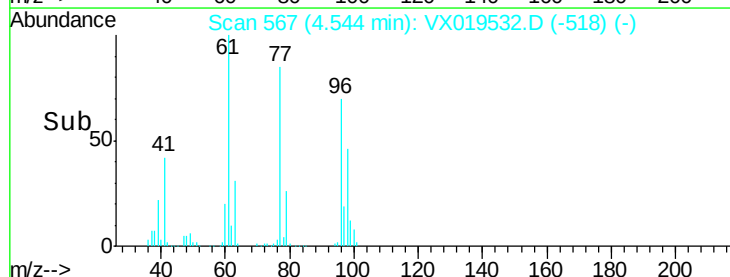
30000

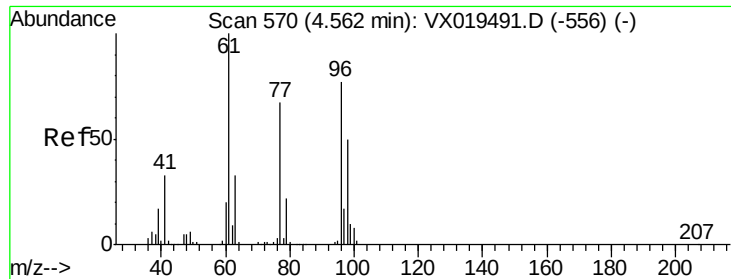
20000

10000

0

Time-->





#27

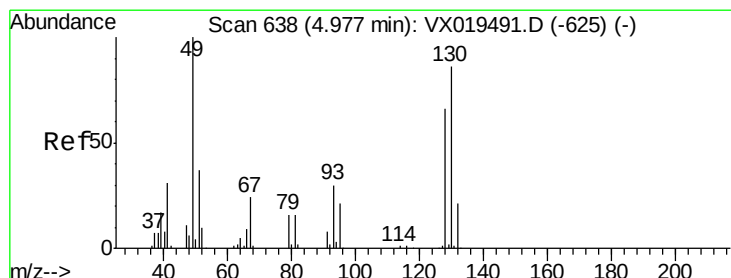
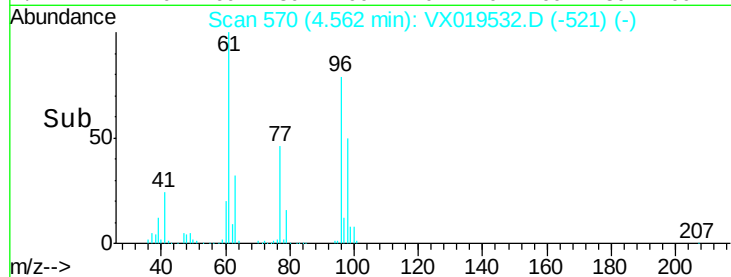
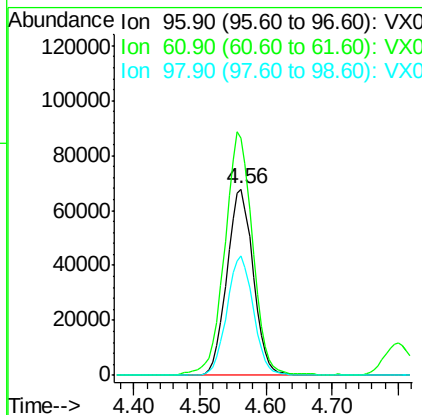
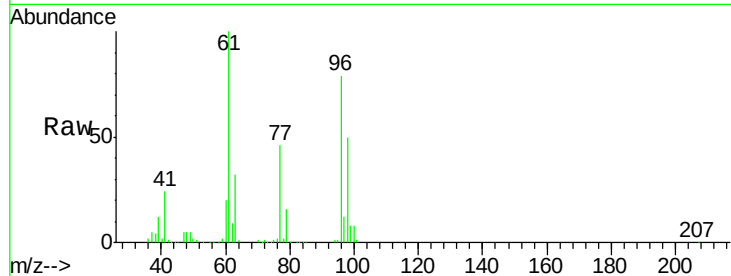
cis-1,2-Dichloroethene  
Concen: 51.496 ug/l  
RT: 4.56 min Scan# 570  
Delta R.T. -0.00 min  
Lab File: VX019532.D  
Acq: 21 Nov 2020 07:04

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 96      | 100   | 187589 |       |       |
| 61      | 138.3 | 0.0    | 279.2 |       |
| 98      | 64.1  | 0.0    | 129.8 |       |

Manual Integrations  
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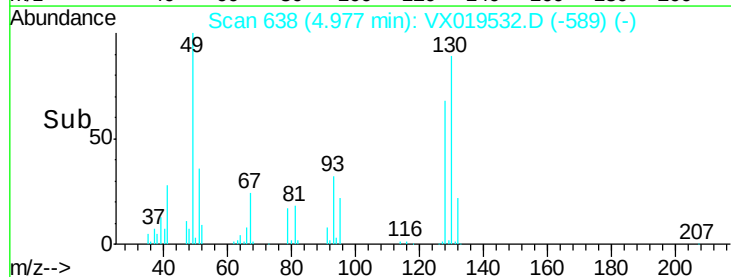
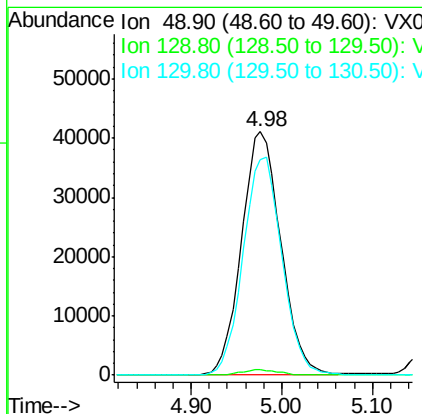
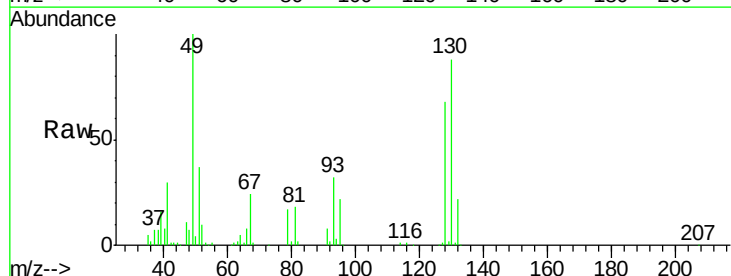
MMDadoda  
11/23/2020 11:05:50 AM

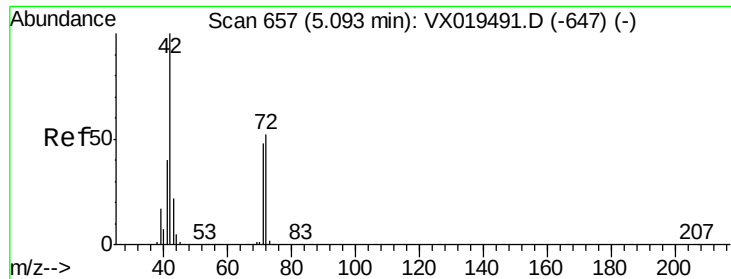


#28

Bromochloromethane  
Concen: 46.504 ug/l  
RT: 4.98 min Scan# 638  
Delta R.T. -0.00 min  
Lab File: VX019532.D  
Acq: 21 Nov 2020 07:04

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 49      | 100   | 123359 |       |       |
| 129     | 2.1   | 0.0    | 4.2   |       |
| 130     | 88.5  | 69.0   | 103.6 |       |





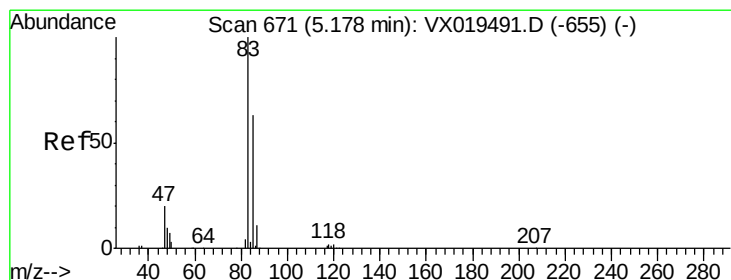
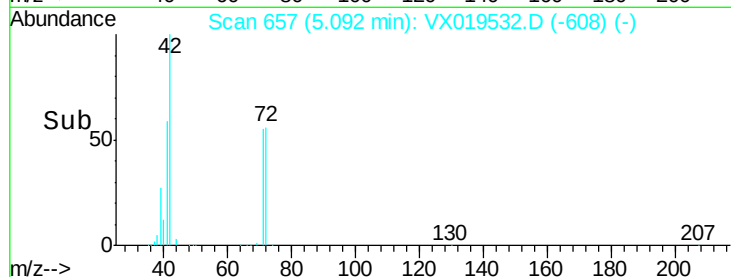
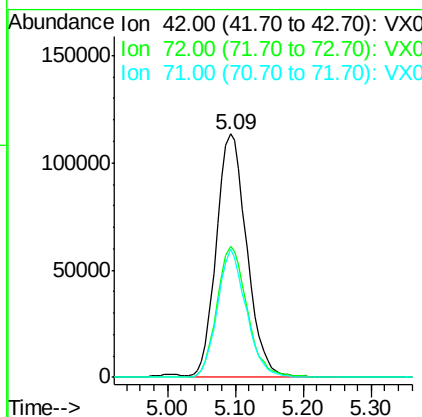
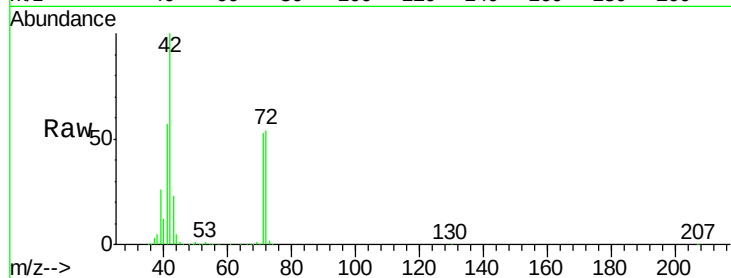
#29  
Tetrahydrofuran  
Concen: 258.653 ug/l  
RT: 5.09 min Scan# 657  
Delta R.T. -0.00 min  
Lab File: VX019532.D  
Acq: 21 Nov 2020 07:04

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 42    | Resp: | 350460 |
| Ion      | Ratio | Lower | Upper  |
| 42       | 100   |       |        |
| 72       | 53.8  | 42.6  | 63.8   |
| 71       | 50.1  | 39.0  | 58.6   |

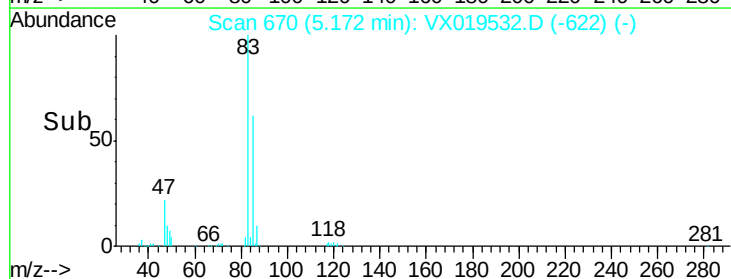
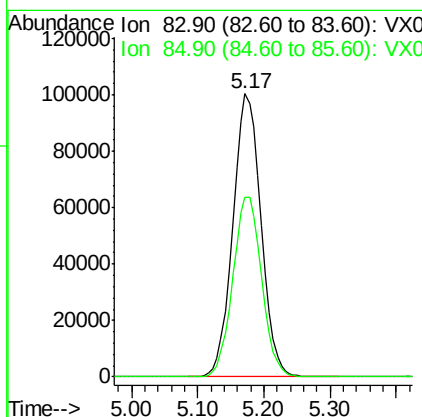
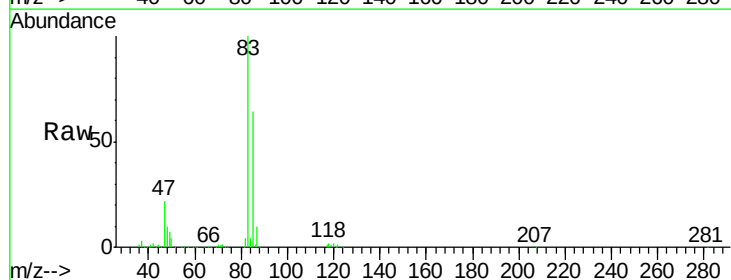
Manual Integrations  
APPROVED

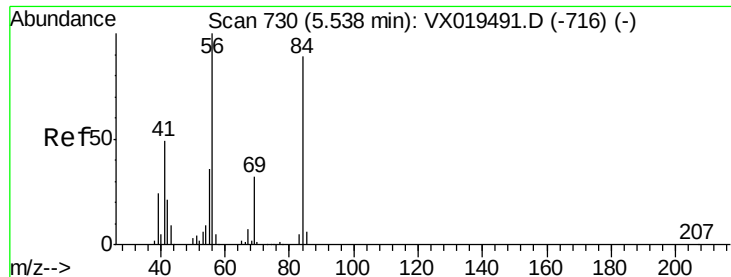
MMDadoda  
11/23/2020 11:05:50 AM



#30  
Chloroform  
Concen: 50.945 ug/l  
RT: 5.17 min Scan# 670  
Delta R.T. -0.01 min  
Lab File: VX019532.D  
Acq: 21 Nov 2020 07:04

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 83    | Resp: | 295560 |
| Ion      | Ratio | Lower | Upper  |
| 83       | 100   |       |        |
| 85       | 63.6  | 50.5  | 75.7   |





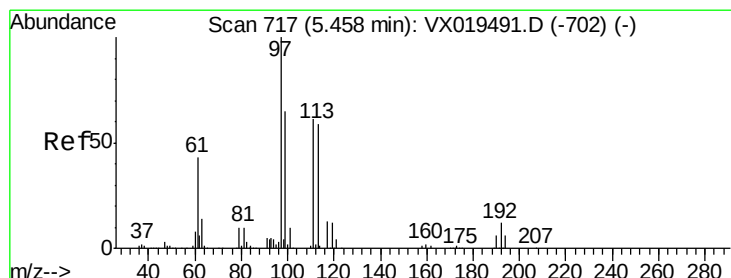
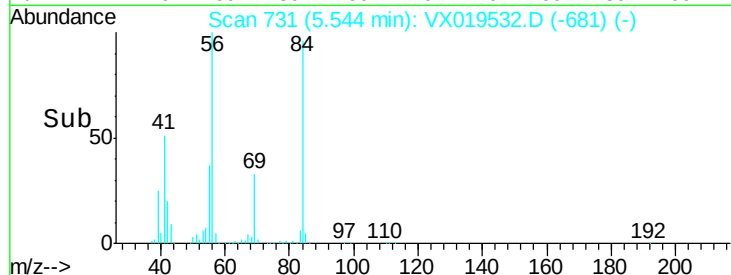
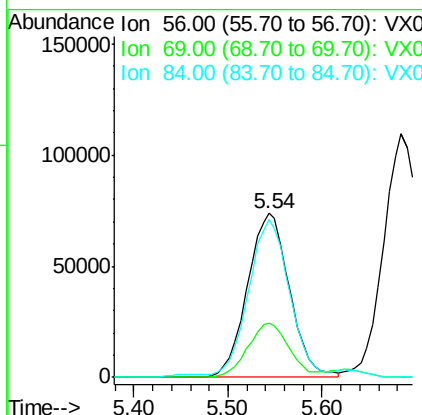
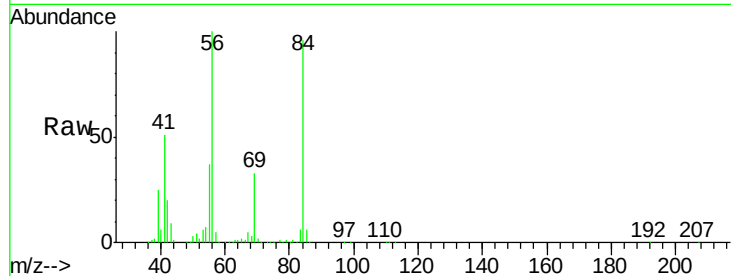
#31  
Cyclohexane  
Concen: 48.482 ug/l  
RT: 5.54 min Scan# 731  
Delta R.T. 0.01 min  
Lab File: VX019532.D  
Acq: 21 Nov 2020 07:04

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 56      | 100   |       |       |
| 69      | 33.3  | 25.5  | 38.3  |
| 84      | 94.6  | 71.1  | 106.7 |

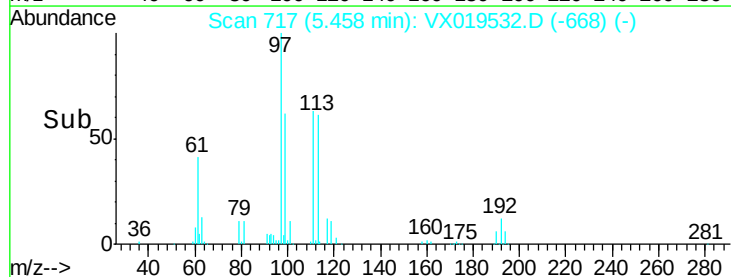
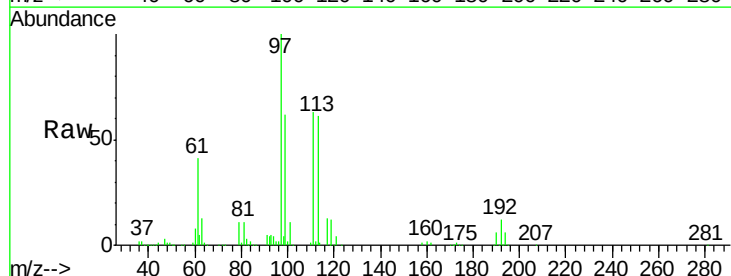
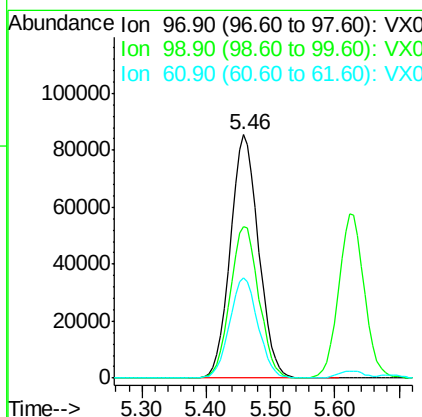
Manual Integrations  
APPROVED

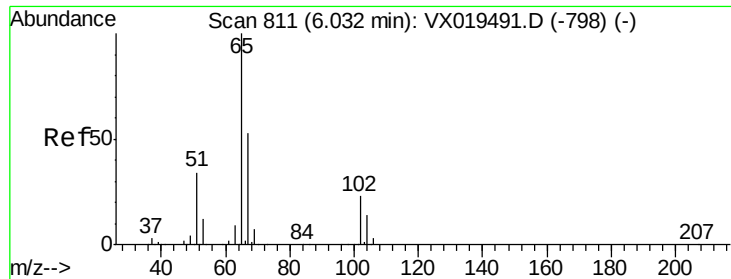
MMDadoda  
11/23/2020 11:05:50 AM



#32  
1,1,1-Trichloroethane  
Concen: 52.331 ug/l  
RT: 5.46 min Scan# 717  
Delta R.T. -0.00 min  
Lab File: VX019532.D  
Acq: 21 Nov 2020 07:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 97      | 100   |       |       |
| 99      | 63.5  | 51.4  | 77.0  |
| 61      | 41.6  | 34.2  | 51.2  |





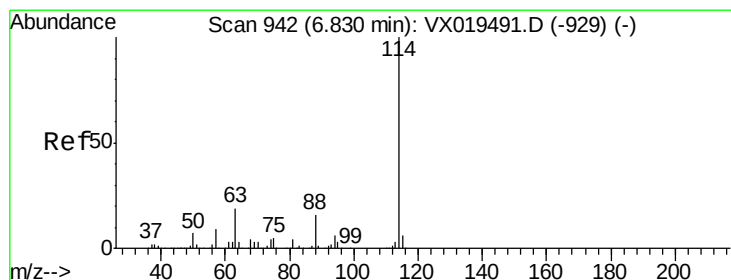
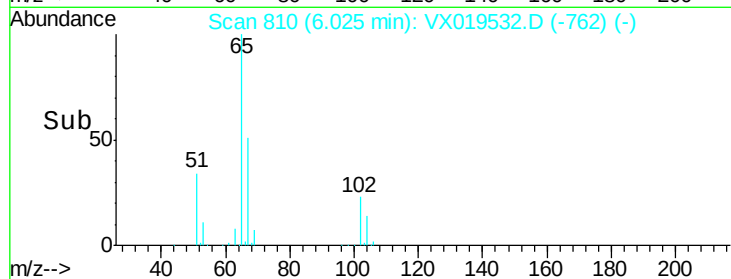
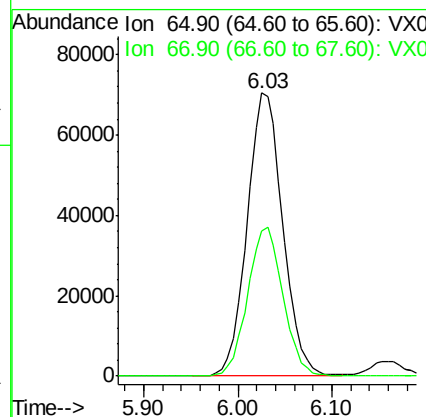
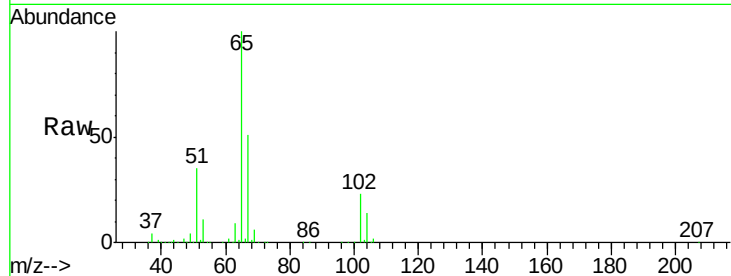
#33  
 1,2-Dichloroethane-d4  
 Concen: 51.044 ug/l  
 RT: 6.03 min Scan# 810  
 Delta R.T. -0.01 min  
 Lab File: VX019532.D  
 Acq: 21 Nov 2020 07:04

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 65      | 100   | 186593 |       |       |
| 67      | 52.4  | 0.0    | 105.0 |       |

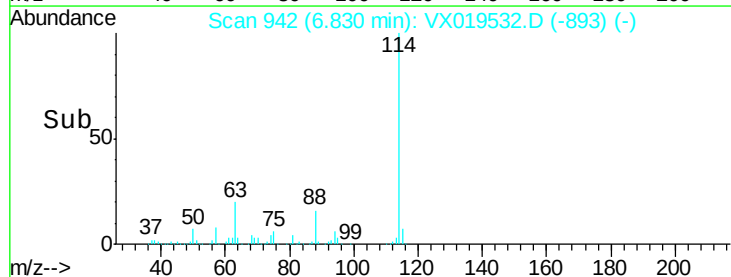
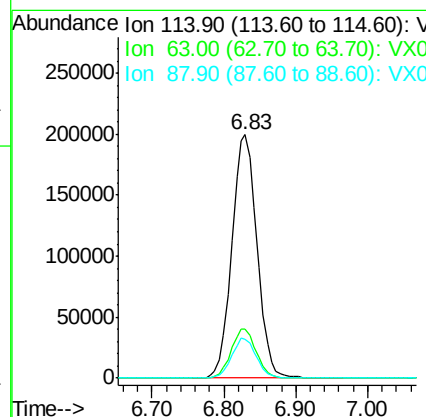
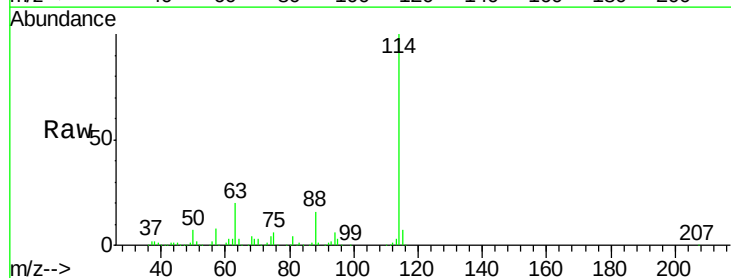
Manual Integrations  
 APPROVED

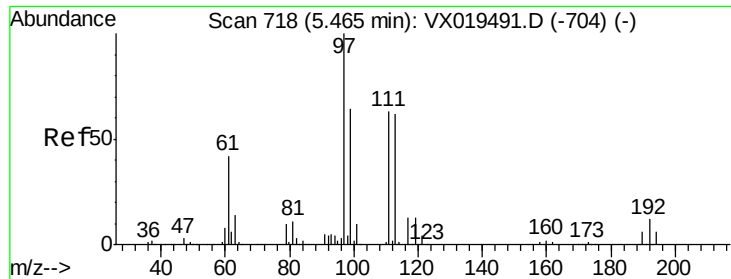
MMDadoda  
 11/23/2020 11:05:50 AM



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 6.83 min Scan# 942  
 Delta R.T. -0.00 min  
 Lab File: VX019532.D  
 Acq: 21 Nov 2020 07:04

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 114     | 100   | 483292 |       |       |
| 63      | 20.3  | 0.0    | 38.8  |       |
| 88      | 16.1  | 0.0    | 31.6  |       |





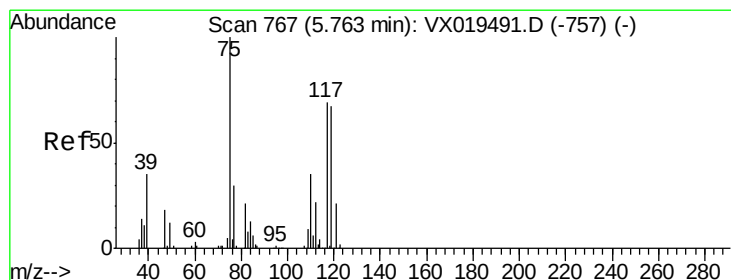
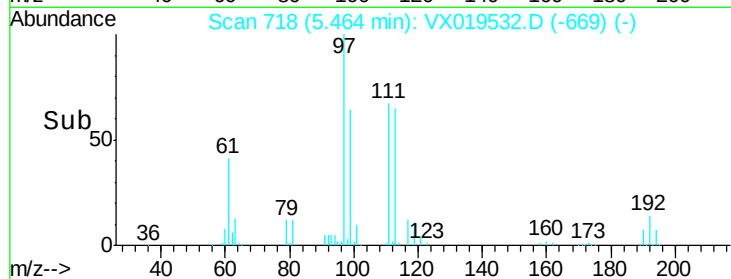
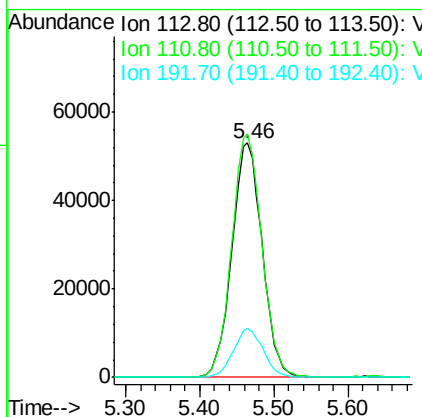
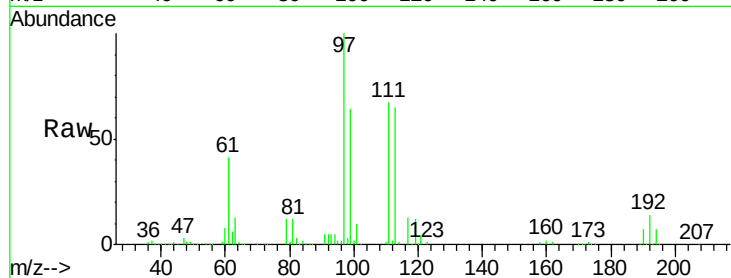
#35  
Dibromofluoromethane  
Concen: 49.947 ug/l  
RT: 5.46 min Scan# 718  
Delta R.T. -0.00 min  
Lab File: VX019532.D  
Acq: 21 Nov 2020 07:04

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 113     | 100   | 151520 |       |       |
| 111     | 103.0 | 81.5   | 122.3 |       |
| 192     | 20.6  | 16.2   | 24.2  |       |

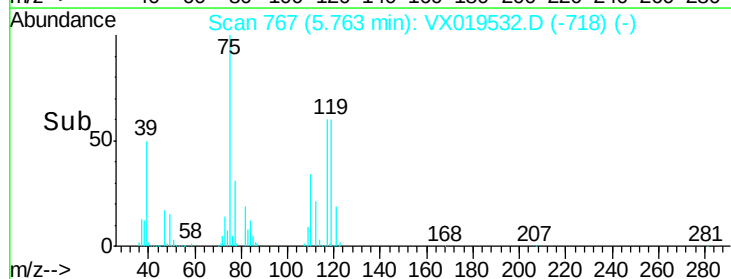
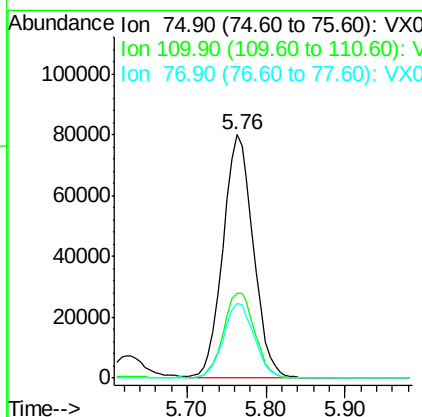
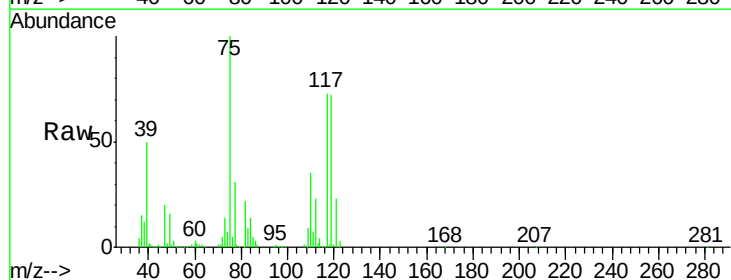
Manual Integrations  
APPROVED

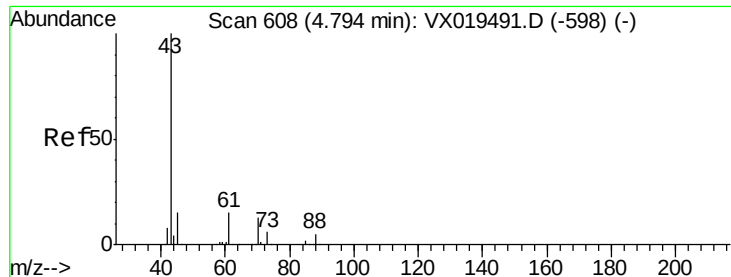
MMDadoda  
11/23/2020 11:05:50 AM



#36  
1,1-Dichloropropene  
Concen: 47.315 ug/l  
RT: 5.76 min Scan# 767  
Delta R.T. -0.00 min  
Lab File: VX019532.D  
Acq: 21 Nov 2020 07:04

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 75      | 100   | 214380 |       |       |
| 110     | 36.2  | 18.1   | 54.3  |       |
| 77      | 31.0  | 24.2   | 36.4  |       |





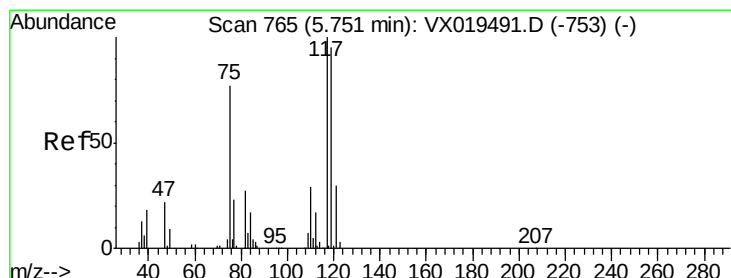
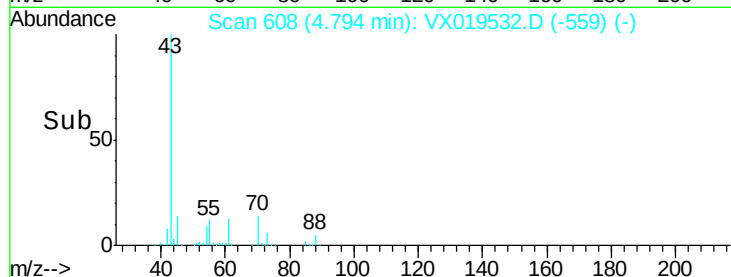
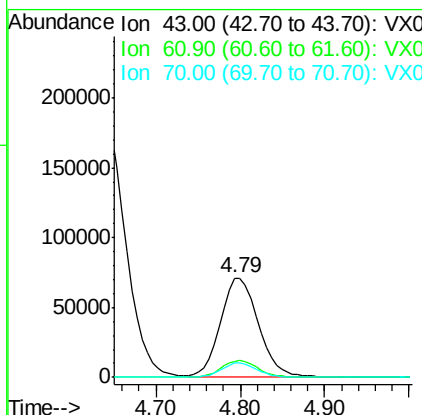
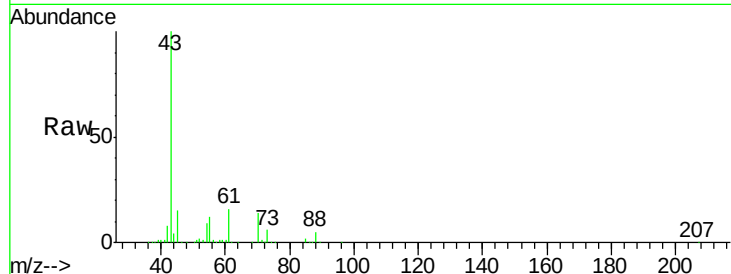
#37  
Ethyl Acetate  
Concen: 50.786 ug/l  
RT: 4.79 min Scan# 608  
Delta R.T. -0.00 min  
Lab File: VX019532.D  
Acq: 21 Nov 2020 07:04

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 16.0  | 12.7  | 19.1  |
| 70      | 13.5  | 10.2  | 15.2  |

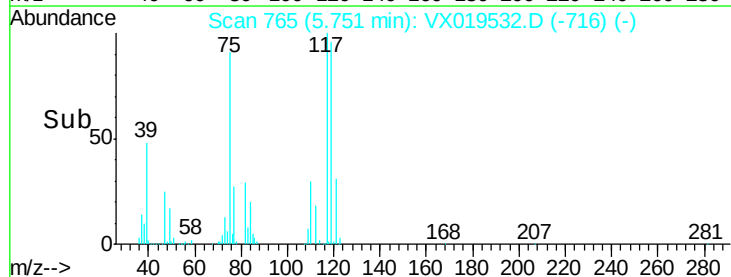
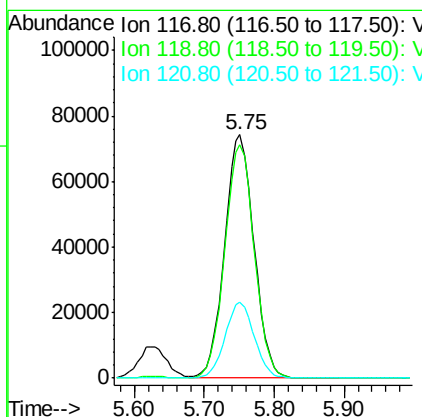
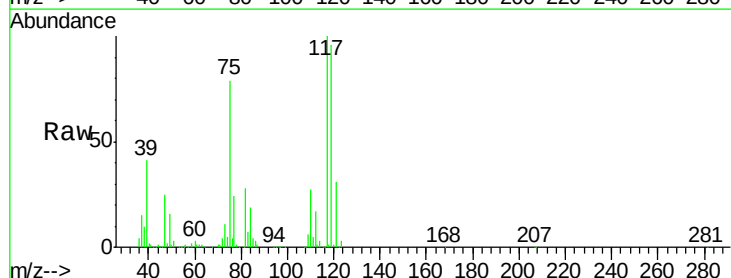
Manual Integrations  
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MMDadoda  
11/23/2020 11:05:50 AM

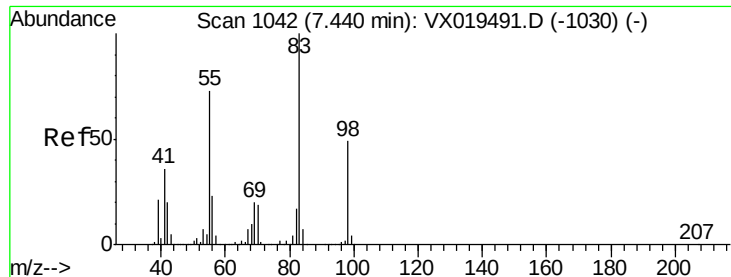


#38  
Carbon Tetrachloride  
Concen: 49.299 ug/l  
RT: 5.75 min Scan# 765  
Delta R.T. -0.00 min  
Lab File: VX019532.D  
Acq: 21 Nov 2020 07:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 95.9  | 75.9  | 113.9 |
| 121     | 31.2  | 24.0  | 36.0  |







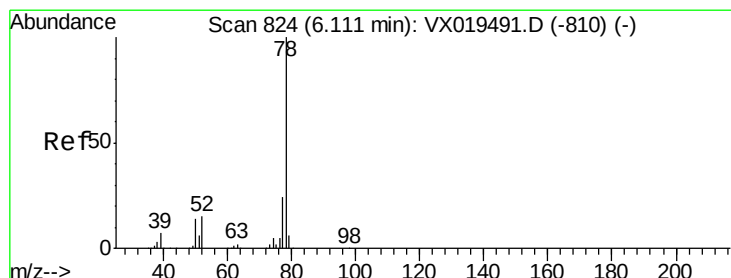
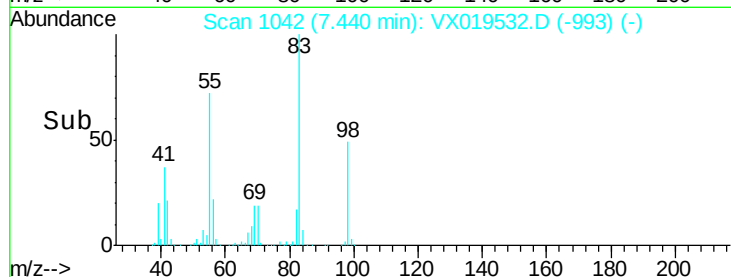
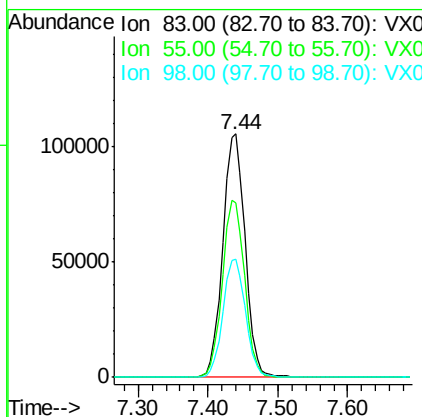
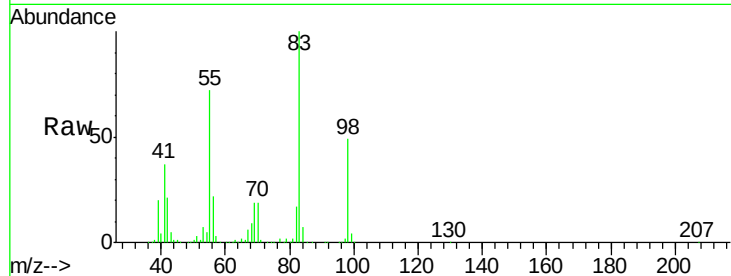
#39  
Methylvlcyclohexane  
Concen: 44.401 ug/l  
RT: 7.44 min Scan# 1042  
Delta R.T. -0.00 min  
Lab File: VX019532.D  
Acq: 21 Nov 2020 07:04

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 55      | 71.8  | 58.3  | 87.5  |
| 98      | 48.5  | 38.9  | 58.3  |

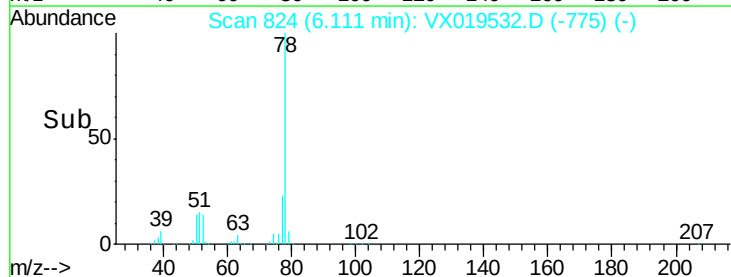
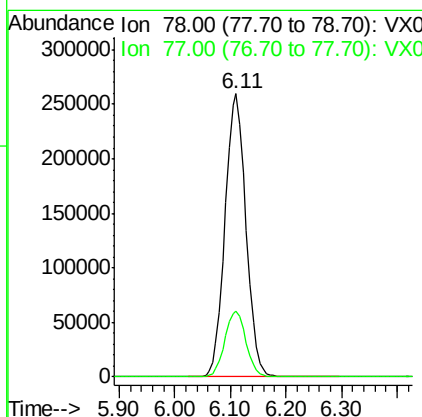
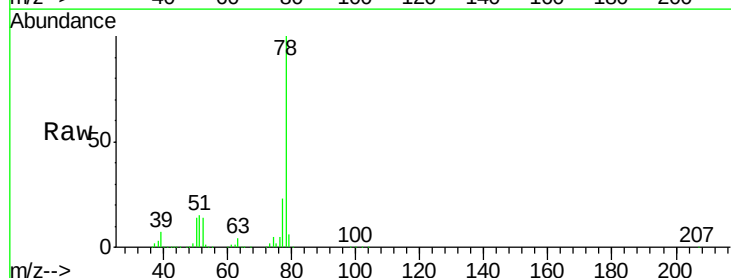
Manual Integrations  
APPROVED

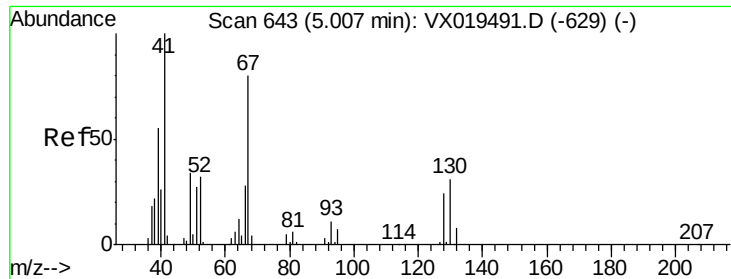
MMDadoda  
11/23/2020 11:05:50 AM



#40  
Benzene  
Concen: 48.480 ug/l  
RT: 6.11 min Scan# 824  
Delta R.T. -0.00 min  
Lab File: VX019532.D  
Acq: 21 Nov 2020 07:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 78      | 100   |       |       |
| 77      | 23.3  | 18.9  | 28.3  |





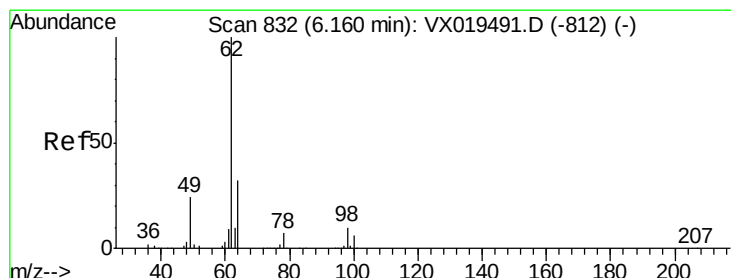
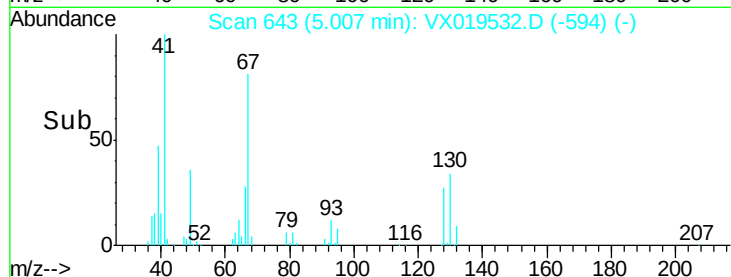
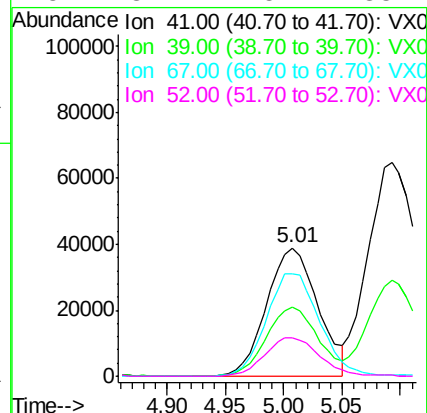
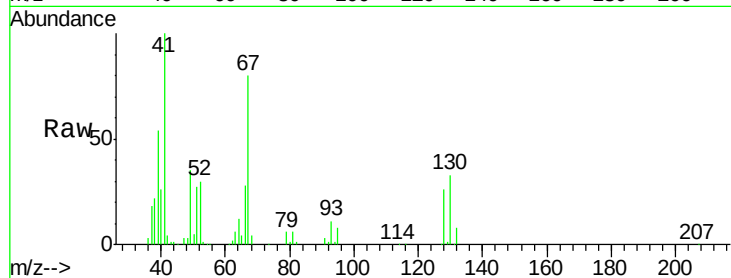
#41  
Methacrylonitrile  
Concen: 50.619 ug/l  
RT: 5.01 min Scan# 643  
Delta R.T. -0.00 min  
Lab File: VX019532.D  
Acq: 21 Nov 2020 07:04

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 41      | 100  |       |      |       |       |
| 39      | 54.1 | 43.3  | 64.9 |       |       |
| 67      | 84.1 | 66.0  | 99.0 |       |       |
| 52      | 31.4 | 25.4  | 38.2 |       |       |

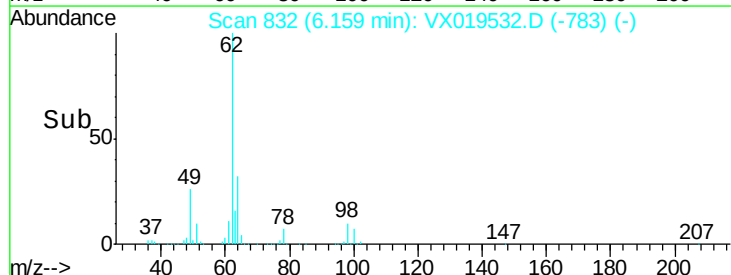
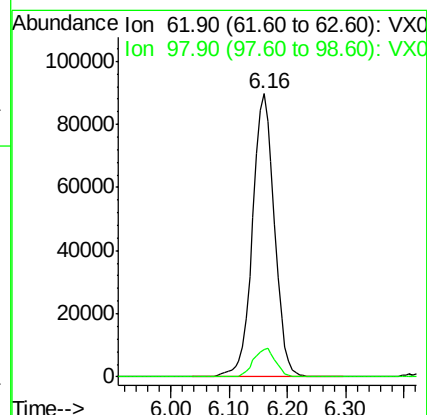
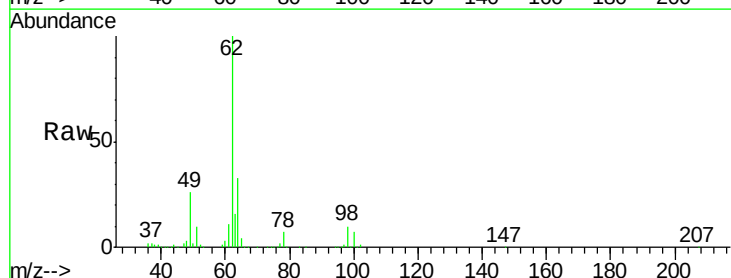
Manual Integrations  
APPROVED

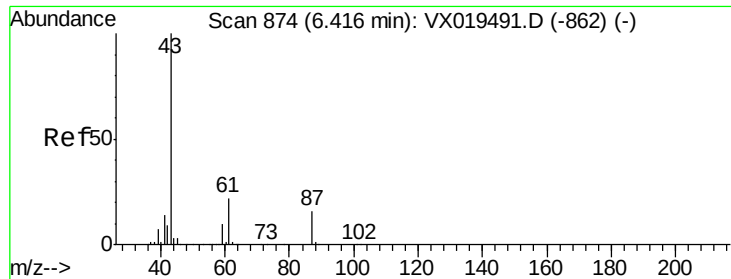
MMDadoda  
11/23/2020 11:05:50 AM



#42  
1,2-Dichloroethane  
Concen: 49.038 ug/l  
RT: 6.16 min Scan# 832  
Delta R.T. -0.00 min  
Lab File: VX019532.D  
Acq: 21 Nov 2020 07:04

| Tgt Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 62      | 100  |       |      |       |       |
| 98      | 10.1 | 0.0   | 20.0 |       |       |





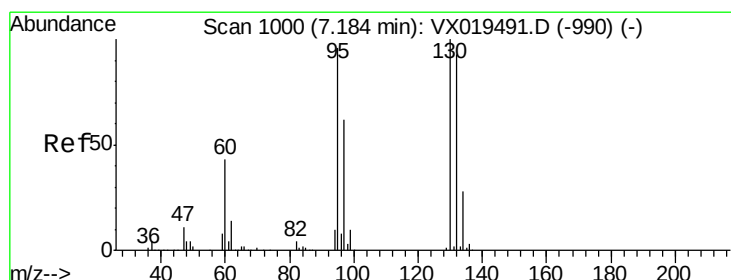
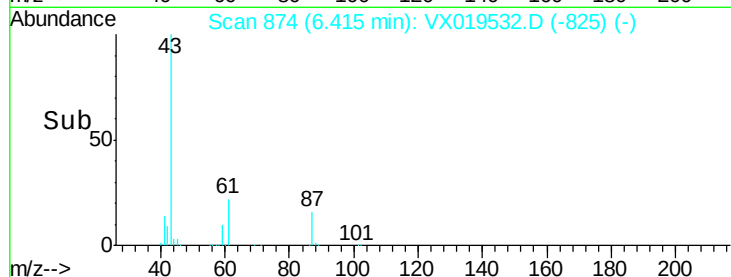
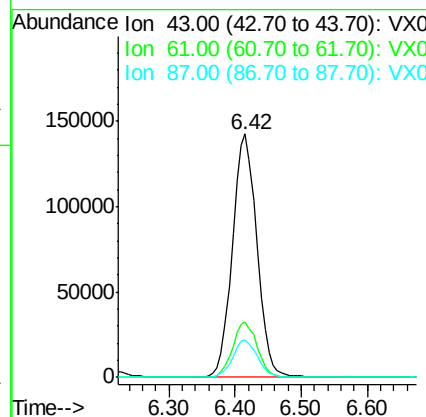
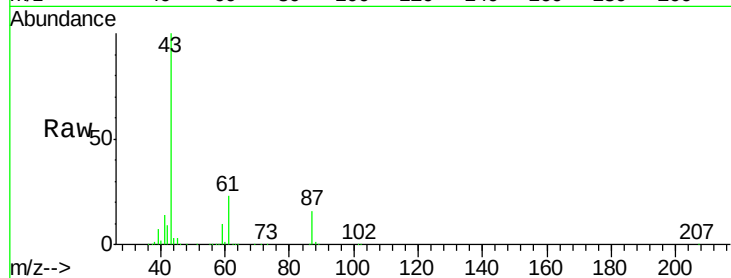
#43  
Isopropyl Acetate  
Concen: 50.905 ug/l  
RT: 6.42 min Scan# 874  
Delta R.T. -0.00 min  
Lab File: VX019532.D  
Acq: 21 Nov 2020 07:04

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 22.9  | 18.2  | 27.2  |
| 87      | 15.7  | 12.6  | 18.8  |

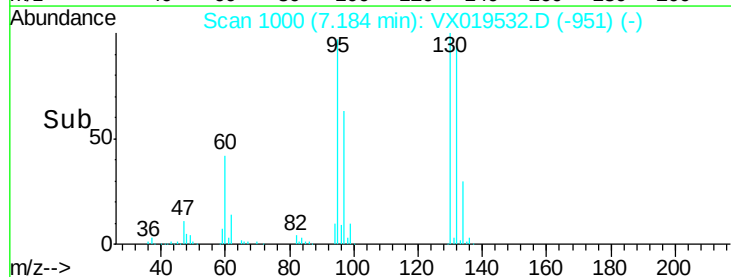
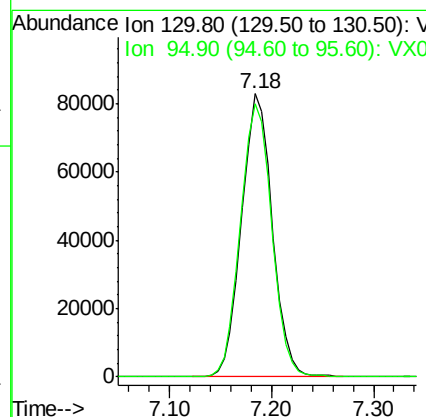
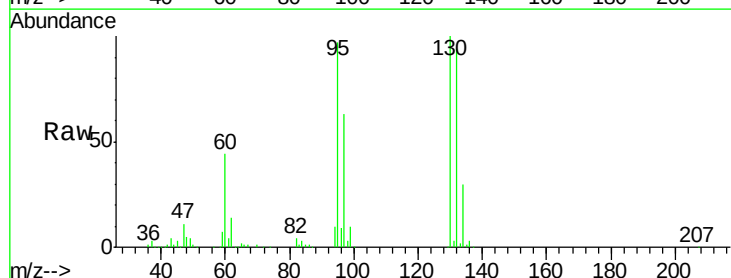
Manual Integrations  
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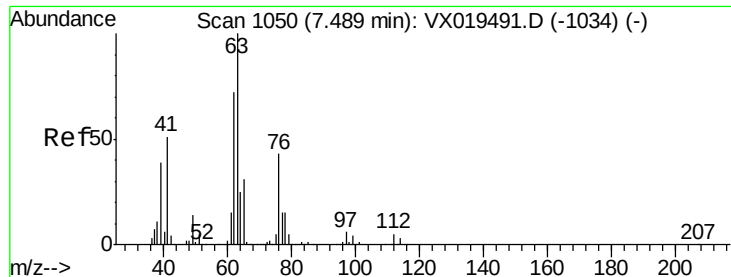
MMDadoda  
11/23/2020 11:05:50 AM



#44  
Trichloroethene  
Concen: 47.610 ug/l  
RT: 7.18 min Scan# 1000  
Delta R.T. -0.00 min  
Lab File: VX019532.D  
Acq: 21 Nov 2020 07:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 130     | 100   |       |       |
| 95      | 96.6  | 0.0   | 191.2 |





#45

1,2-Dichloropropane

Concen: 49.216 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VX019532.D

Acq: 21 Nov 2020 07:04

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 63 Resp: 168668

Ion Ratio Lower Upper

63 100

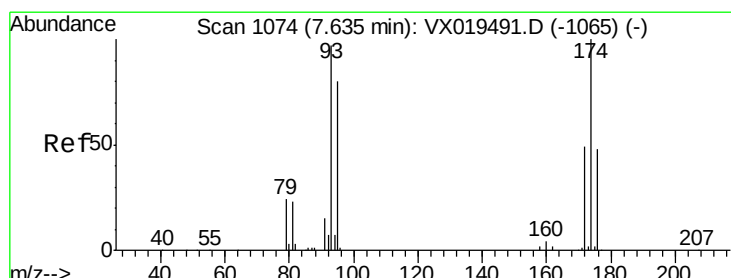
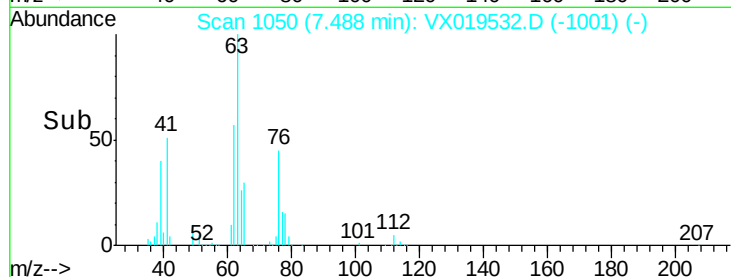
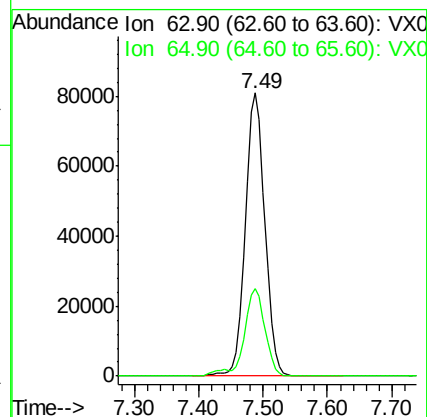
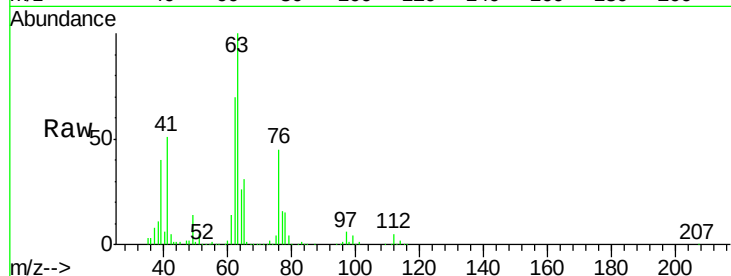
65 31.1 25.0 37.4

Manual Integrations

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MMDadoda

11/23/2020 11:05:50 AM



#46

Dibromomethane

Concen: 50.113 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.00 min

Lab File: VX019532.D

Acq: 21 Nov 2020 07:04

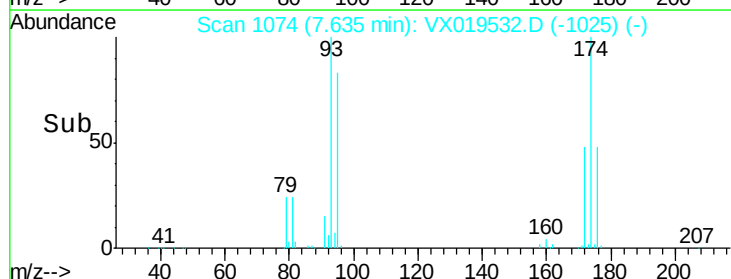
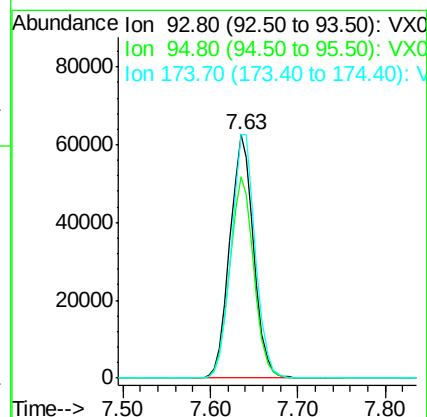
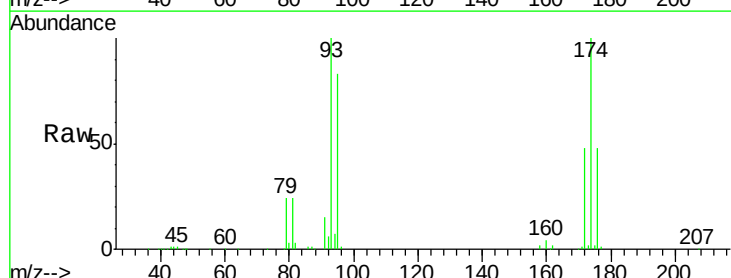
Tgt Ion: 93 Resp: 117545

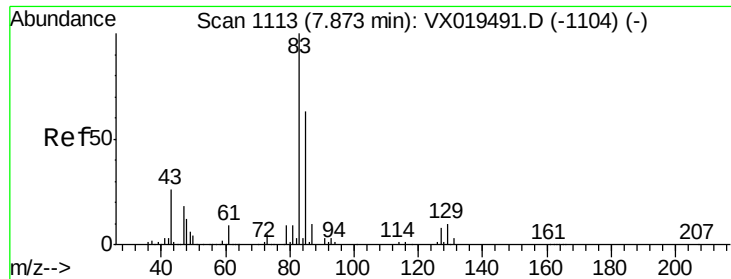
Ion Ratio Lower Upper

93 100

95 83.7 66.8 100.2

174 101.6 83.0 124.4





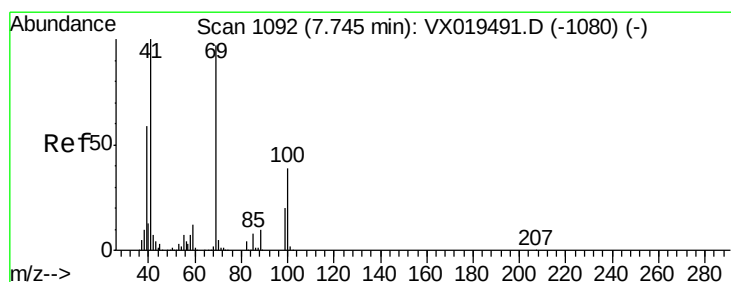
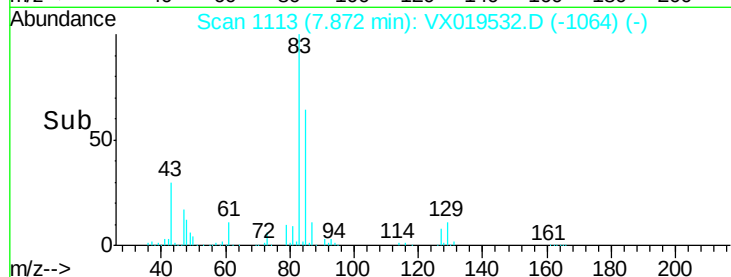
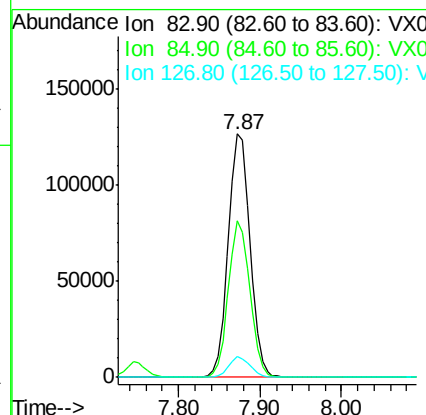
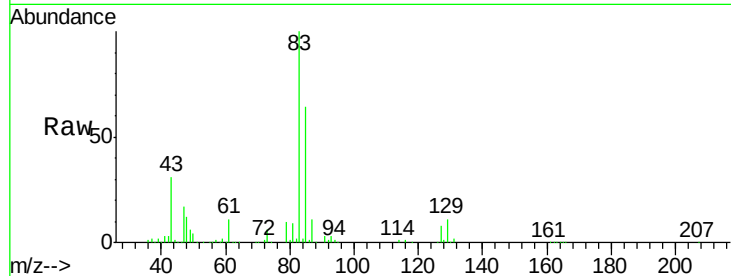
#47  
Bromodichloromethane  
Concen: 51.310 ug/l  
RT: 7.87 min Scan# 1113  
Delta R.T. -0.00 min  
Lab File: VX019532.D  
Acq: 21 Nov 2020 07:04

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 64.2  | 50.2  | 75.2  |
| 127     | 8.5   | 6.4   | 9.6   |

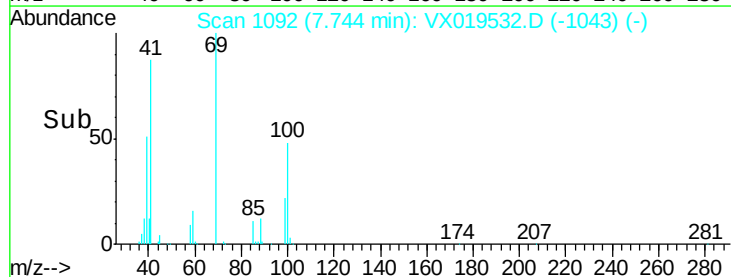
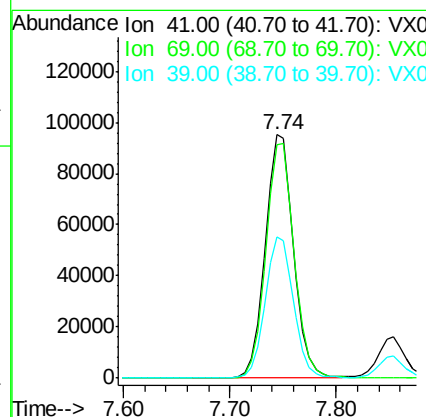
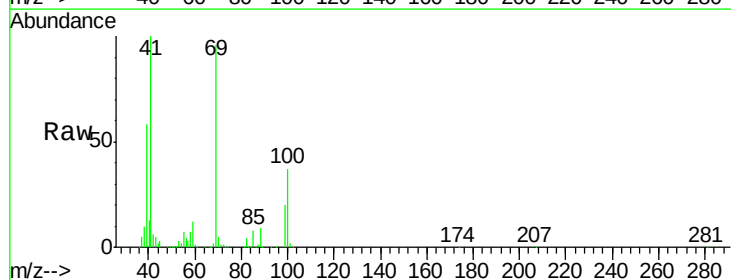
Manual Integrations  
APPROVED

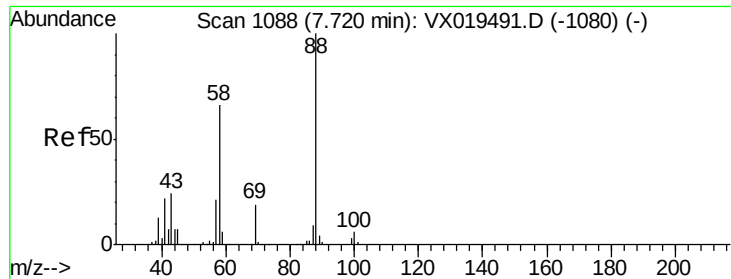
MMDadoda  
11/23/2020 11:05:50 AM



#48  
Methyl methacrylate  
Concen: 52.760 ug/l  
RT: 7.74 min Scan# 1092  
Delta R.T. -0.00 min  
Lab File: VX019532.D  
Acq: 21 Nov 2020 07:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 41      | 100   |       |       |
| 69      | 97.1  | 77.0  | 115.6 |
| 39      | 58.1  | 45.6  | 68.4  |





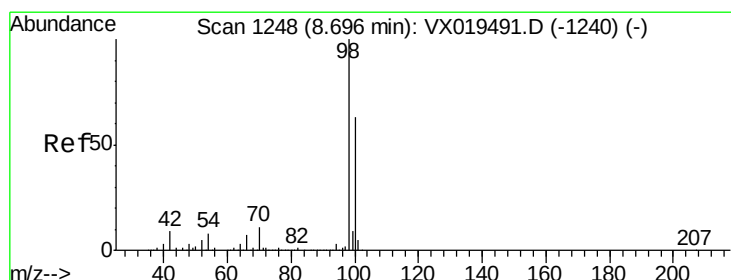
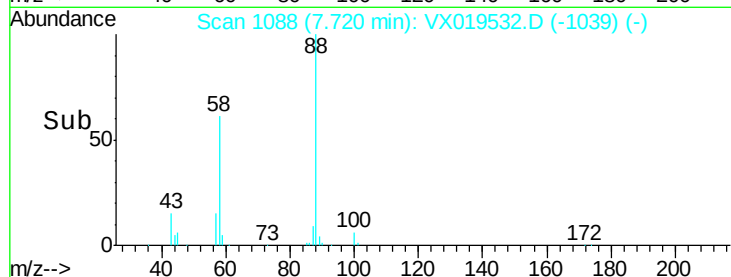
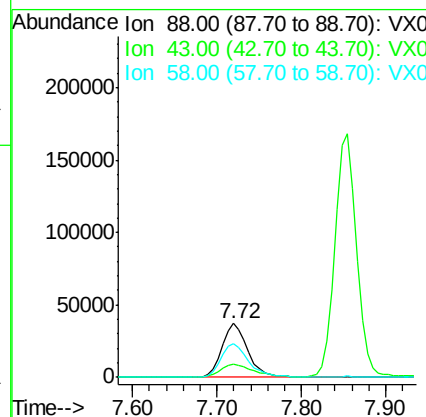
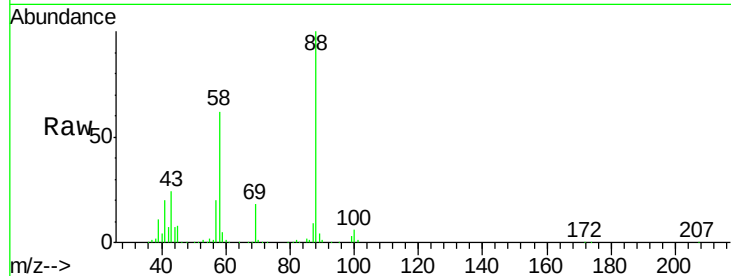
#49  
1,4-Dioxane  
Concen: 1034.078 ug/l  
RT: 7.72 min Scan# 1088  
Delta R.T. -0.00 min  
Lab File: VX019532.D  
Acq: 21 Nov 2020 07:04

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 43      | 29.2  | 23.8  | 35.6  |
| 58      | 66.5  | 54.2  | 81.2  |

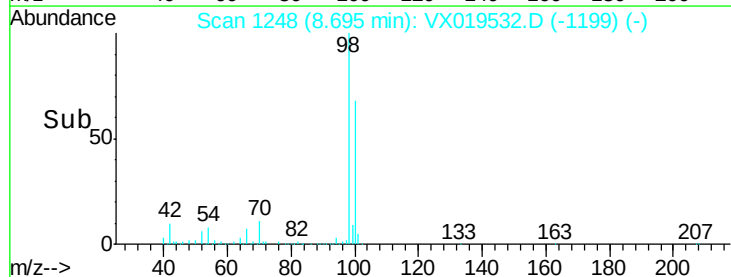
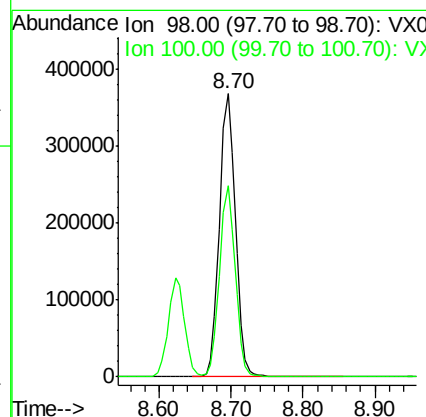
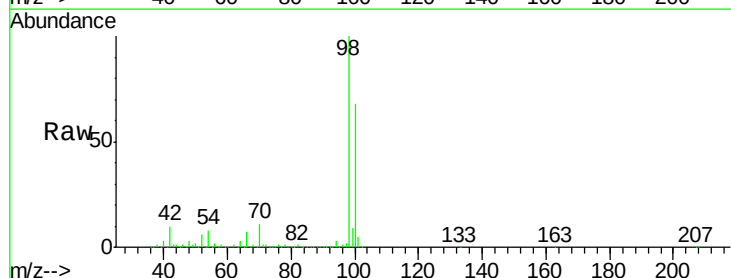
Manual Integrations  
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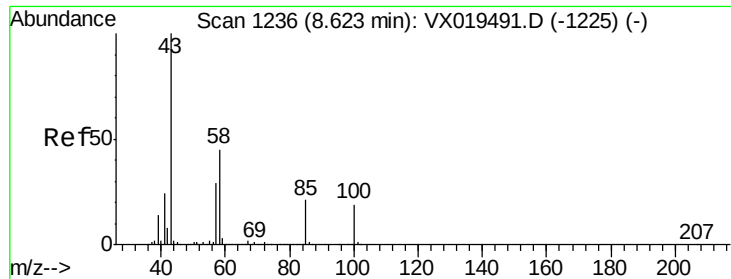
MMDadoda  
11/23/2020 11:05:50 AM



#50  
Toluene-d8  
Concen: 48.112 ug/l  
RT: 8.70 min Scan# 1248  
Delta R.T. -0.00 min  
Lab File: VX019532.D  
Acq: 21 Nov 2020 07:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 98      | 100   |       |       |
| 100     | 66.7  | 52.4  | 78.6  |





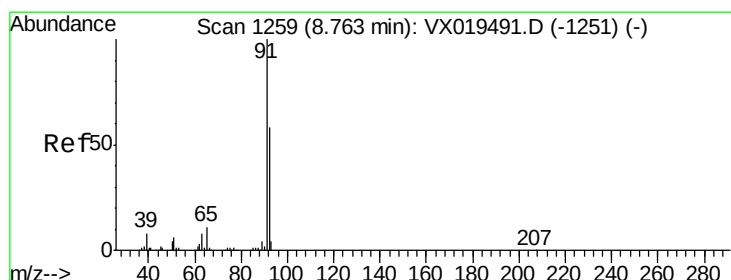
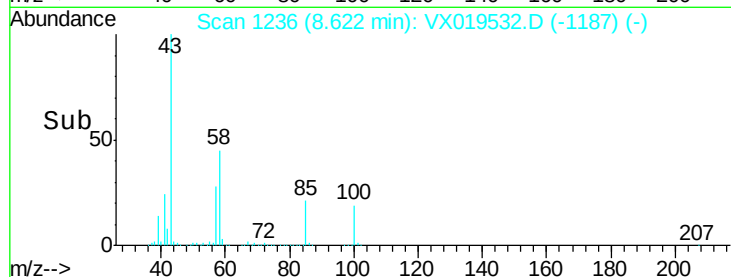
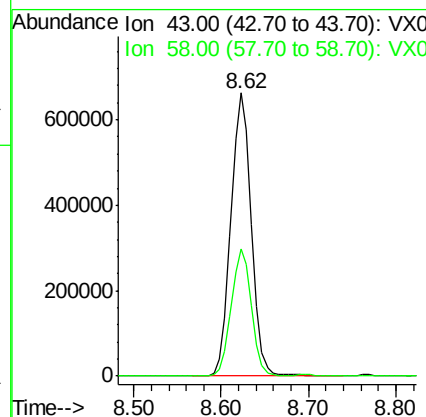
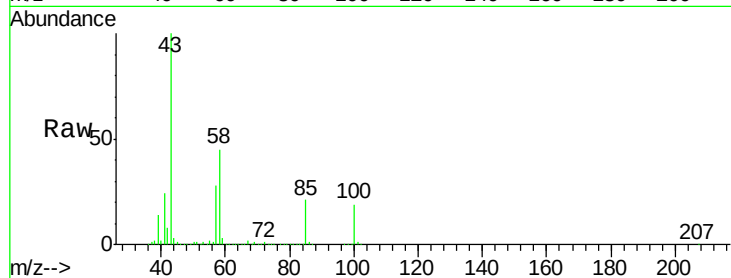
#51  
4-Methyl-2-Pentanone  
Concen: 257.019 ug/l  
RT: 8.62 min Scan# 1236  
Delta R.T. -0.00 min  
Lab File: VX019532.D  
Acq: 21 Nov 2020 07:04

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Tot Ion: 43 Resp: 1071646  
Ion Ratio Lower Upper  
43 100  
58 44.5 35.1 52.7

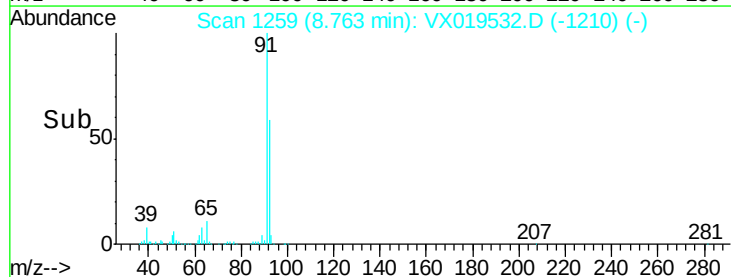
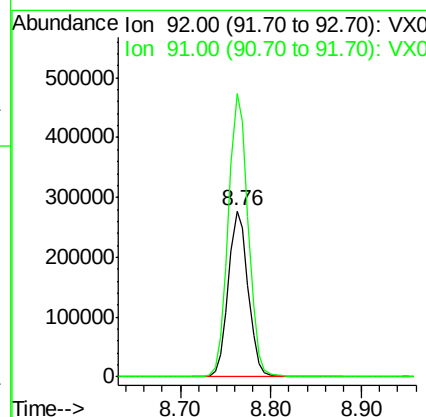
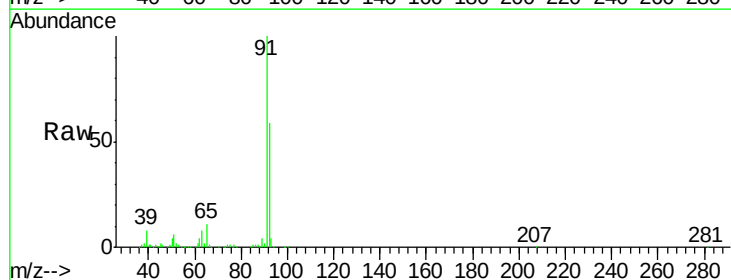
Manual Integrations  
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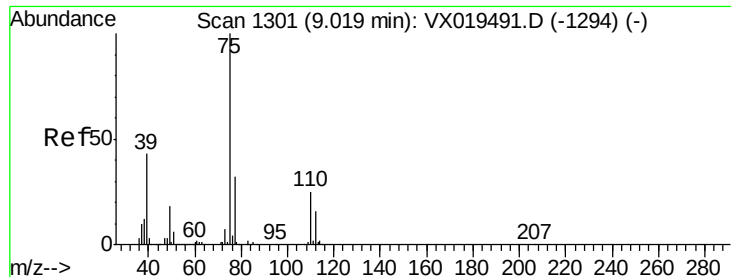
MMDadoda  
11/23/2020 11:05:50 AM



#52  
Toluene  
Concen: 49.633 ug/l  
RT: 8.76 min Scan# 1259  
Delta R.T. -0.00 min  
Lab File: VX019532.D  
Acq: 21 Nov 2020 07:04

Tgt Ion: 92 Resp: 422683  
Ion Ratio Lower Upper  
92 100  
91 170.8 138.1 207.1





#53

t-1,3-Dichloropropene

Concen: 50.125 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. 0.01 min

Lab File: VX019532.D

Acq: 21 Nov 2020 07:04

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 246396

Ion Ratio Lower Upper

75 100

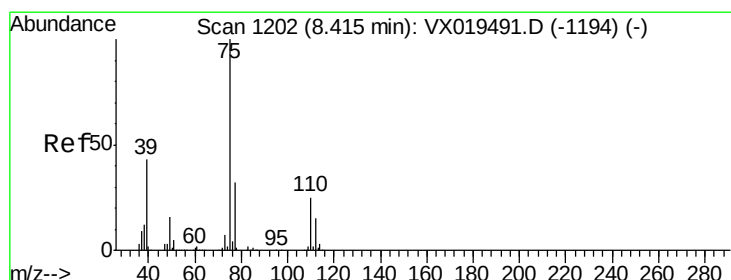
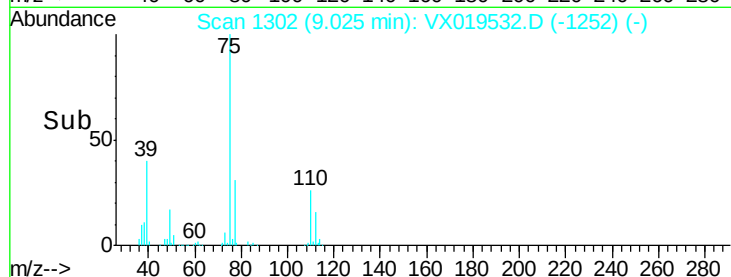
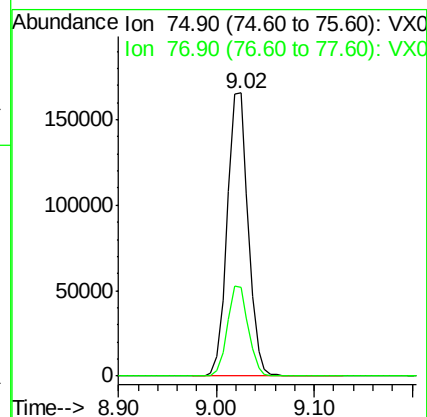
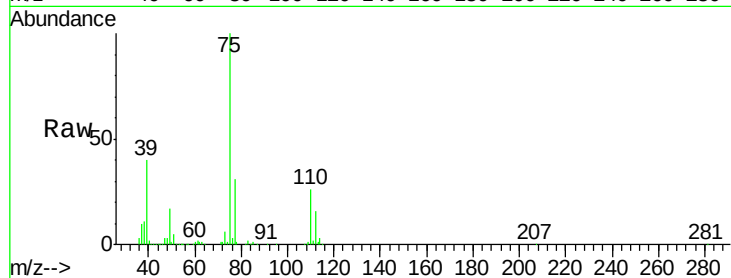
77 31.2 25.3 37.9

Manual Integrations

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MMDadoda

11/23/2020 11:05:50 AM



#54

cis-1,3-Dichloropropene

Concen: 48.943 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX019532.D

Acq: 21 Nov 2020 07:04

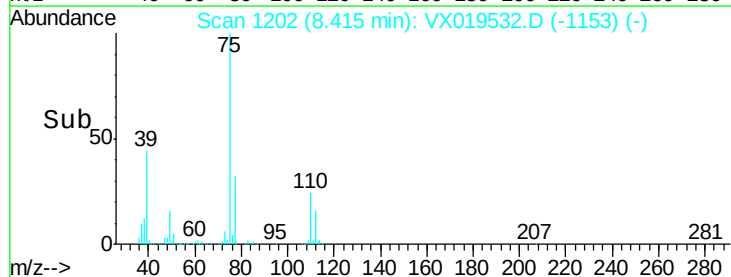
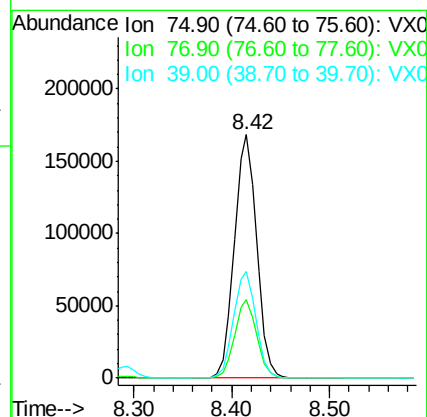
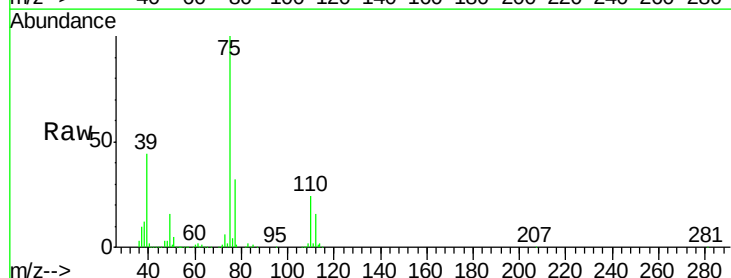
Tgt Ion: 75 Resp: 266992

Ion Ratio Lower Upper

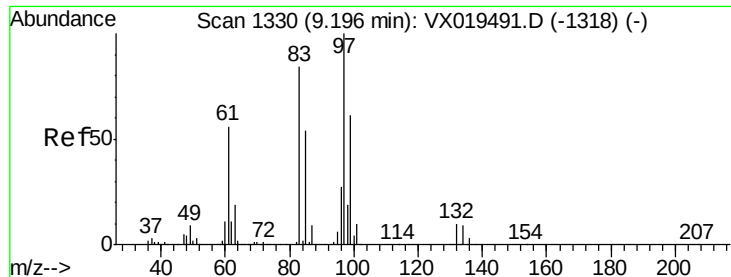
75 100

77 32.3 25.8 38.6

39 43.9 34.6 51.8







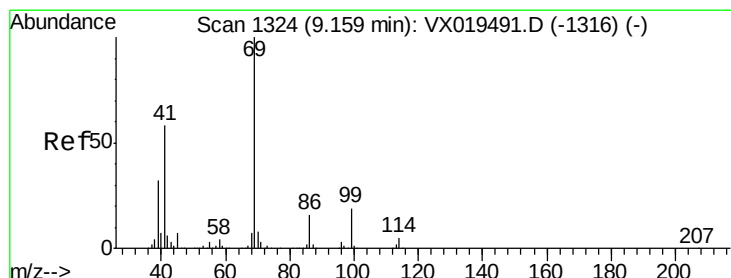
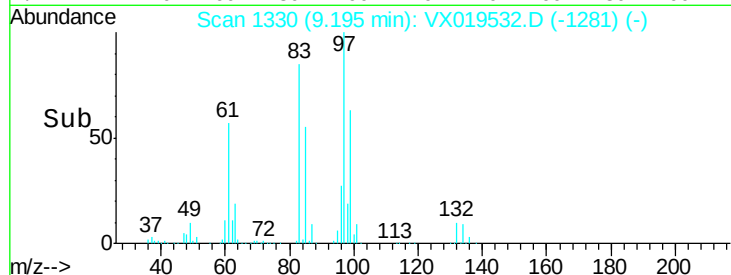
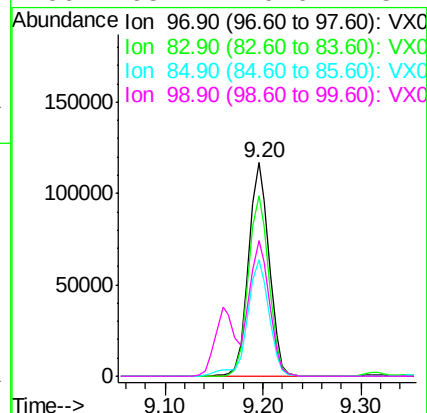
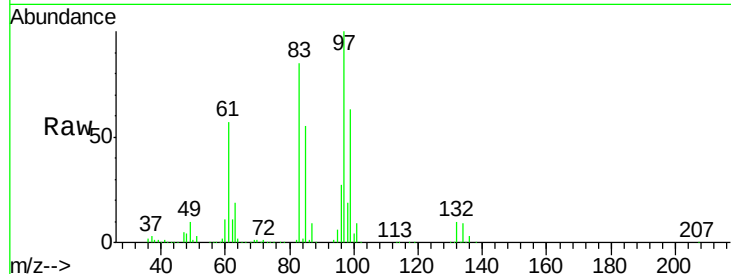
#55  
 1,1,2-Trichloroethane  
 Concen: 49.328 ug/l  
 RT: 9.20 min Scan# 1330  
 Delta R.T. -0.00 min  
 Lab File: VX019532.D  
 Acq: 21 Nov 2020 07:04

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 97      | 100   |       |       |
| 83      | 84.5  | 67.0  | 100.6 |
| 85      | 54.7  | 43.4  | 65.0  |
| 99      | 63.4  | 49.0  | 73.4  |

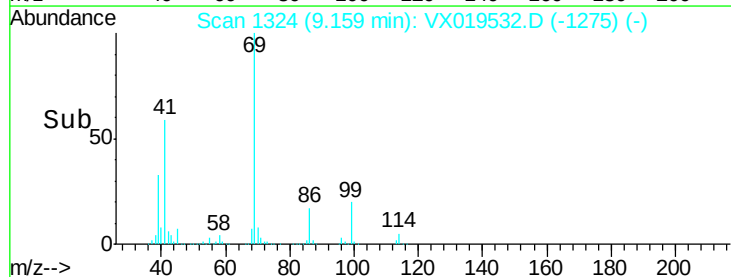
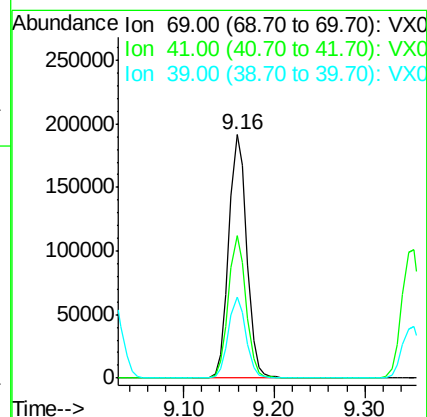
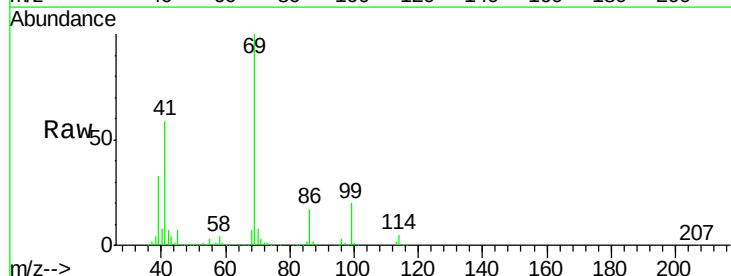
Manual Integrations  
 APPROVED

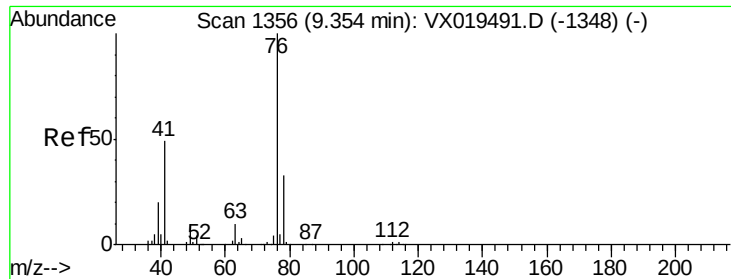
MMDadoda  
 11/23/2020 11:05:50 AM



#56  
 Ethyl methacrylate  
 Concen: 54.197 ug/l  
 RT: 9.16 min Scan# 1324  
 Delta R.T. -0.00 min  
 Lab File: VX019532.D  
 Acq: 21 Nov 2020 07:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 69      | 100   |       |       |
| 41      | 57.5  | 46.2  | 69.2  |
| 39      | 32.6  | 25.5  | 38.3  |





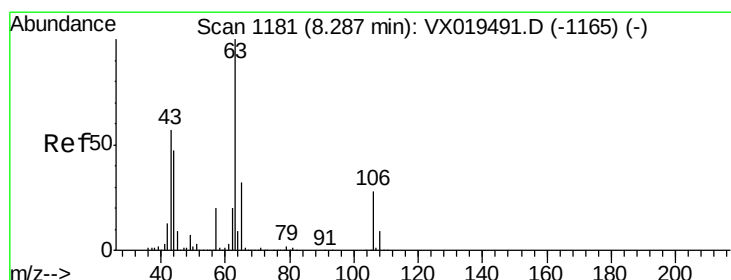
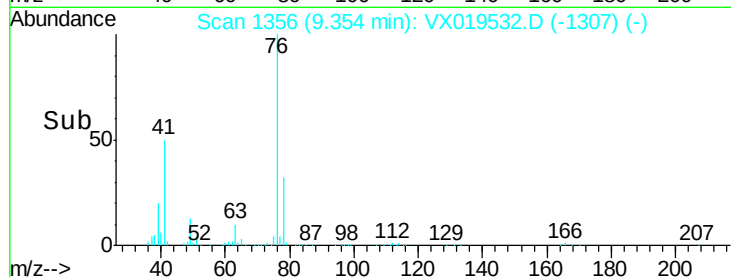
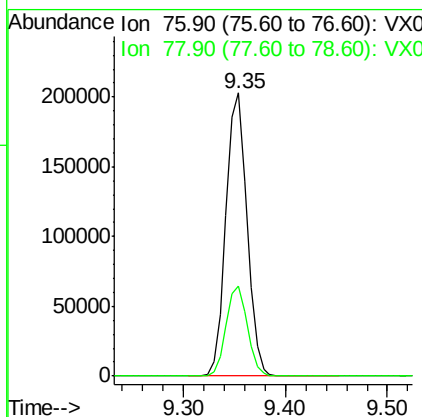
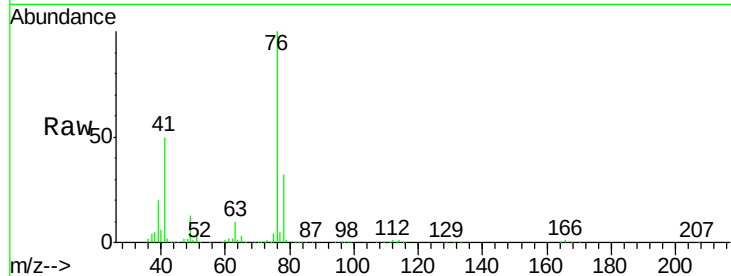
#57  
 1,3-Dichloropropane  
 Concen: 50.044 ug/l  
 RT: 9.35 min Scan# 1356  
 Delta R.T. -0.00 min  
 Lab File: VX019532.D  
 Acq: 21 Nov 2020 07:04

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 76      | 100   |       |       |
| 78      | 32.1  | 25.7  | 38.5  |

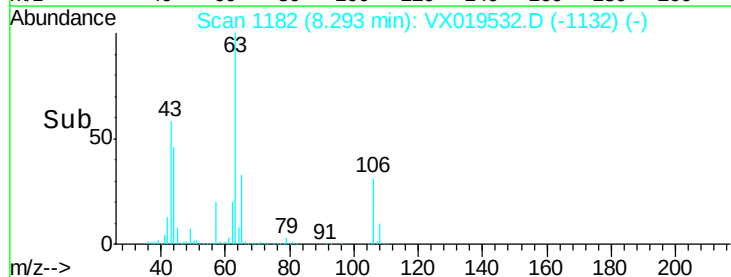
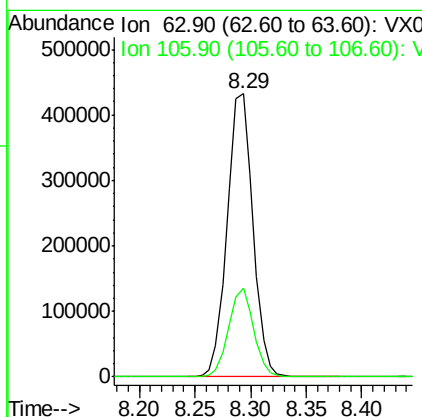
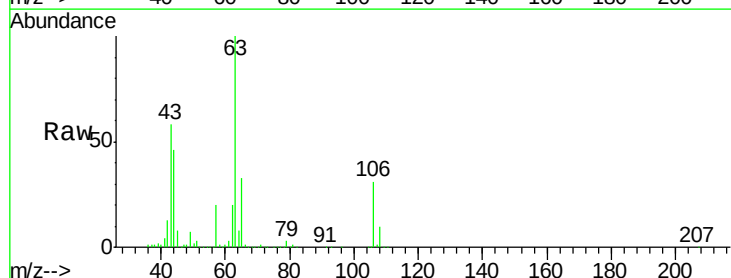
Manual Integrations  
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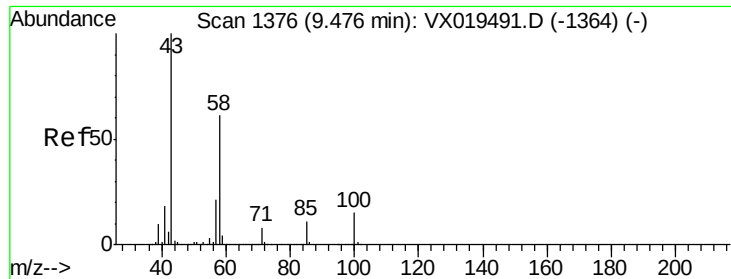
MMDadoda  
 11/23/2020 11:05:50 AM



#58  
 2-Chloroethyl Vinyl ether  
 Concen: 240.957 ug/l  
 RT: 8.29 min Scan# 1182  
 Delta R.T. 0.01 min  
 Lab File: VX019532.D  
 Acq: 21 Nov 2020 07:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 63      | 100   |       |       |
| 106     | 30.3  | 23.7  | 35.5  |





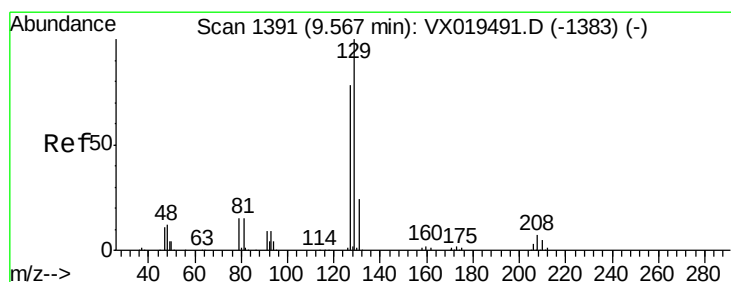
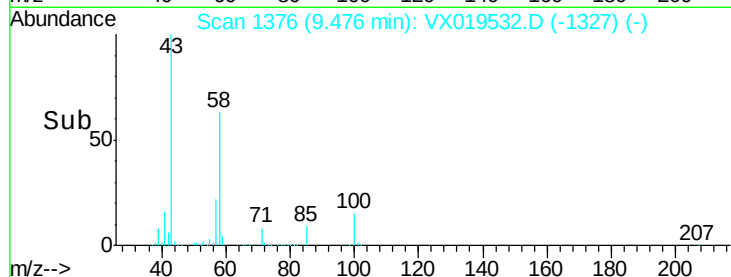
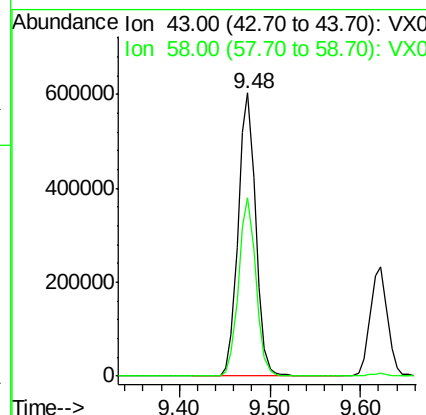
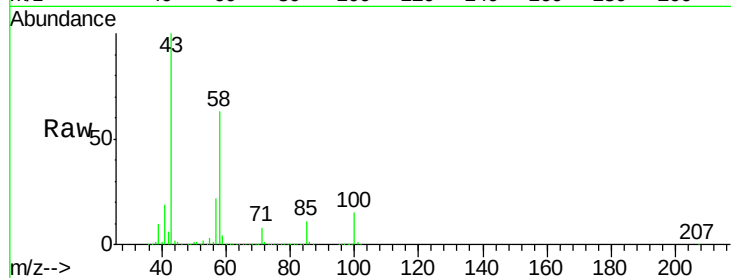
#59  
2-Hexanone  
Concen: 255.745 ug/l  
RT: 9.48 min Scan# 1376  
Delta R.T. -0.00 min  
Lab File: VX019532.D  
Acq: 21 Nov 2020 07:04

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Tot Ion: 43 Resp: 808729  
Ion Ratio Lower Upper  
43 100  
58 62.0 30.6 91.6

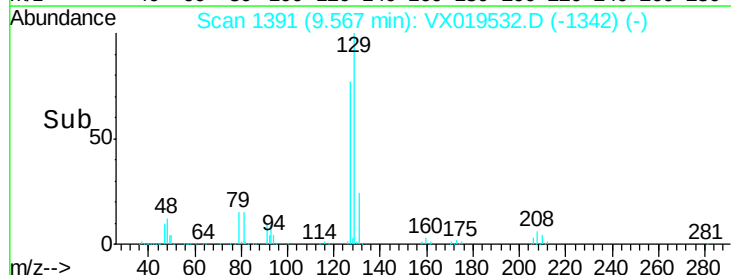
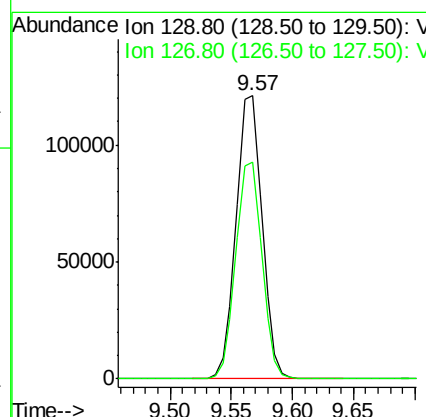
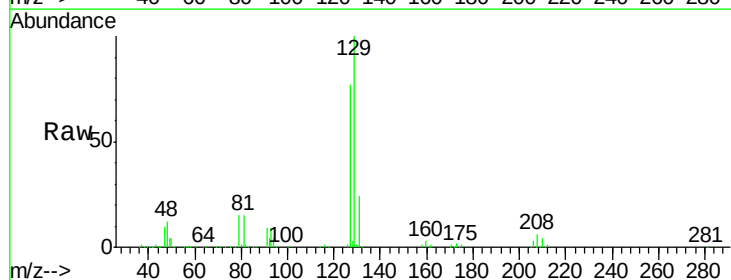
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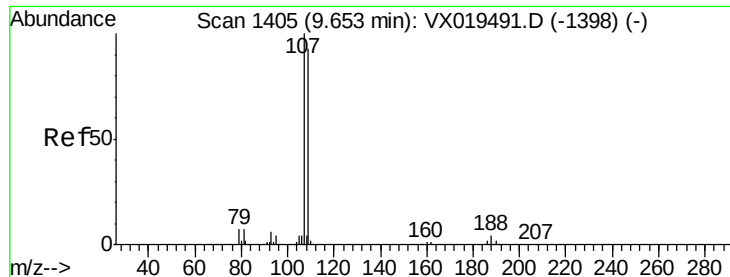
MMDadoda  
11/23/2020 11:05:50 AM



#60  
Dibromochloromethane  
Concen: 52.344 ug/l  
RT: 9.57 min Scan# 1391  
Delta R.T. -0.00 min  
Lab File: VX019532.D  
Acq: 21 Nov 2020 07:04

Tgt Ion: 129 Resp: 177825  
Ion Ratio Lower Upper  
129 100  
127 77.4 39.0 116.9





#61

1,2-Dibromoethane

Concen: 50.601 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX019532.D

Acq: 21 Nov 2020 07:04

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 107 Resp: 180903

Ion Ratio Lower Upper

107 100

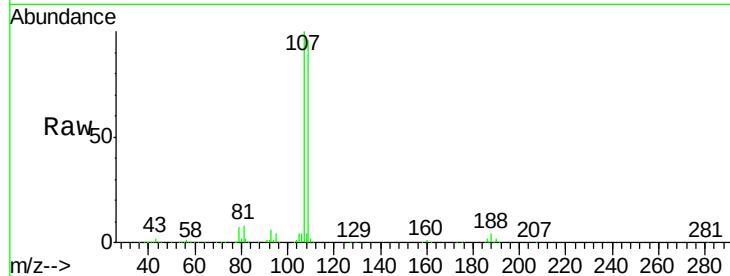
109 94.1 74.8 112.2

Manual Integrations

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.65

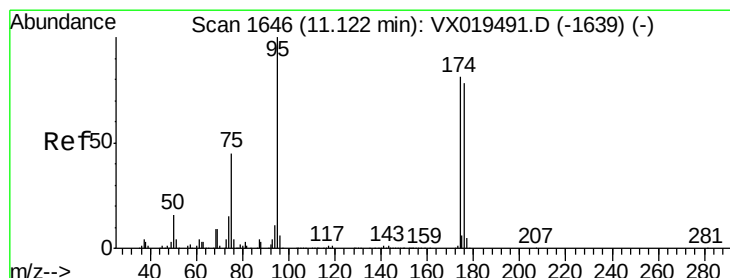
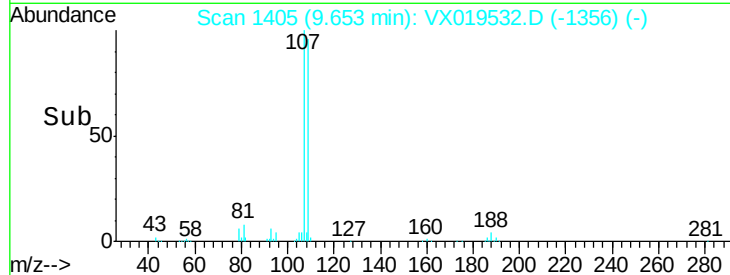
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 49.683 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX019532.D

Acq: 21 Nov 2020 07:04

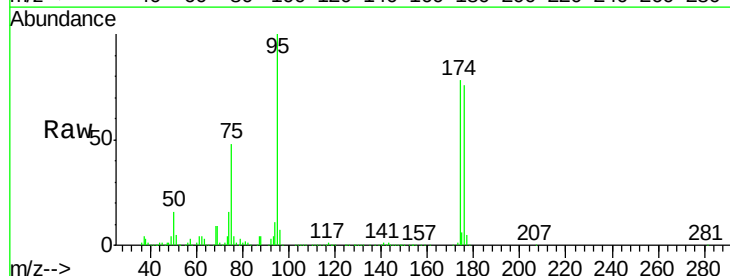
Tgt Ion: 95 Resp: 210721

Ion Ratio Lower Upper

95 100

174 76.2 0.0 156.2

176 74.7 0.0 151.4



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.12

200000

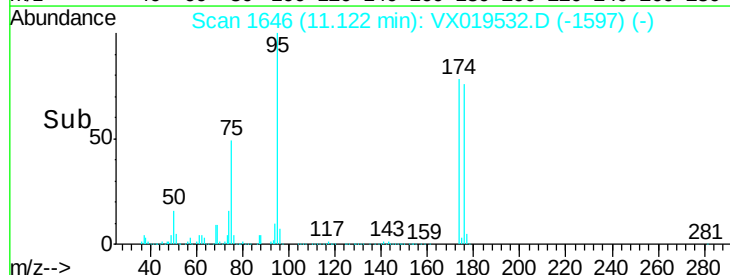
150000

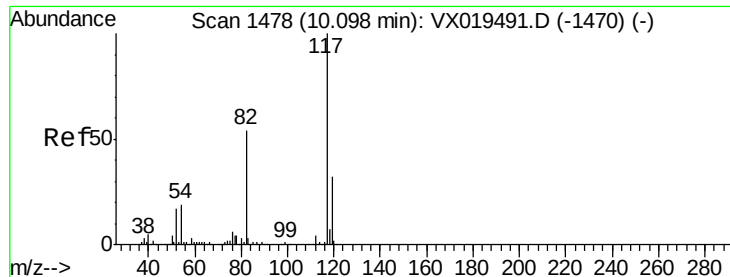
100000

50000

0

Time-->





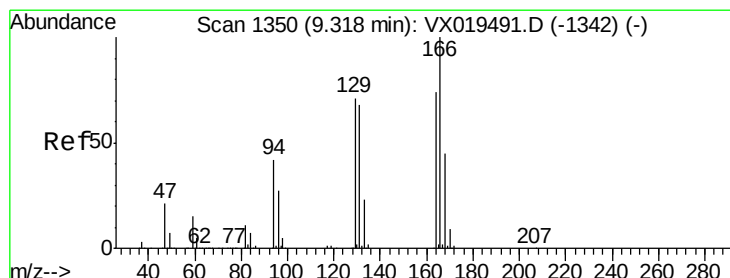
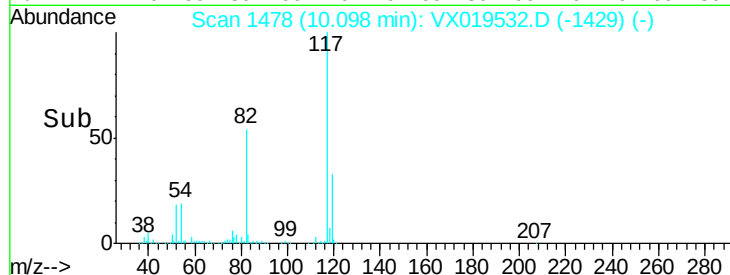
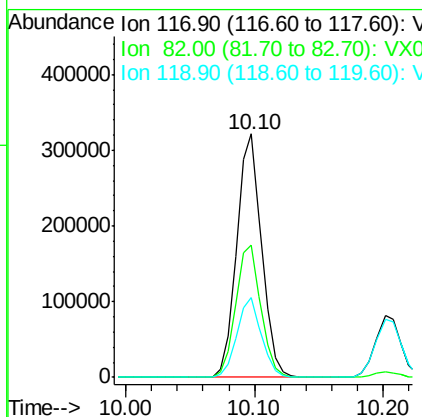
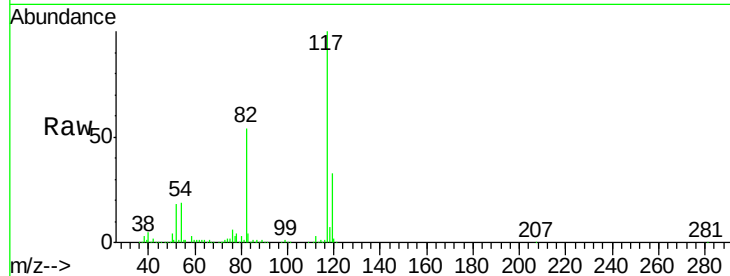
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.10 min Scan# 1478  
Delta R.T. -0.00 min  
Lab File: VX019532.D  
Acq: 21 Nov 2020 07:04

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 82      | 54.3  | 43.0  | 64.4  |
| 119     | 32.7  | 25.6  | 38.4  |

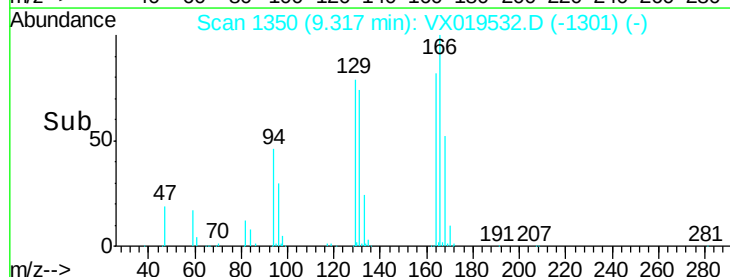
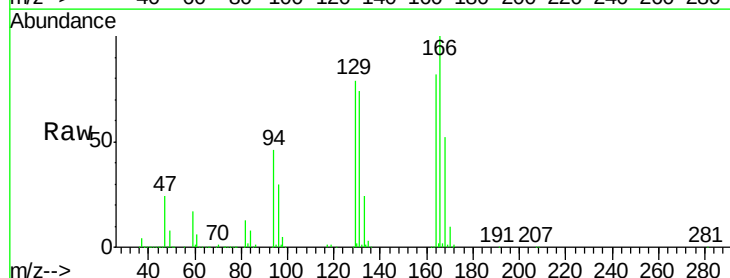
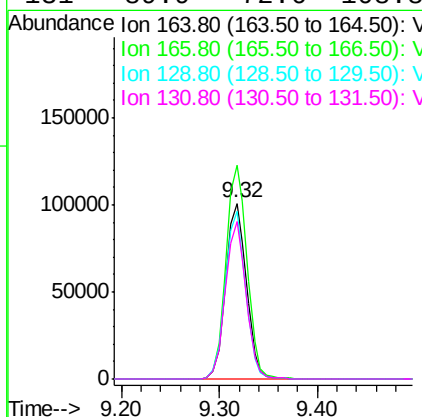
Manual Integrations  
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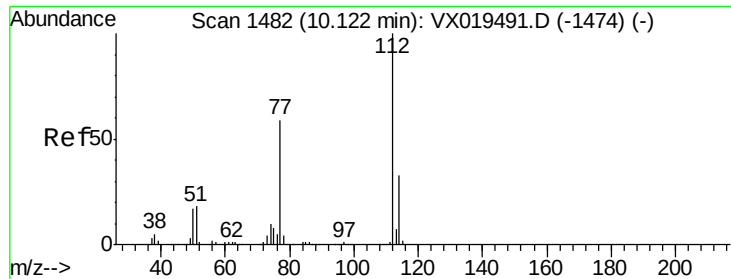
MMDadoda  
11/23/2020 11:05:50 AM



#64  
Tetrachloroethene  
Concen: 43.731 ug/l  
RT: 9.32 min Scan# 1350  
Delta R.T. -0.00 min  
Lab File: VX019532.D  
Acq: 21 Nov 2020 07:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 166     | 121.6 | 107.4 | 161.0 |
| 129     | 95.6  | 76.6  | 114.8 |
| 131     | 89.9  | 72.6  | 108.8 |





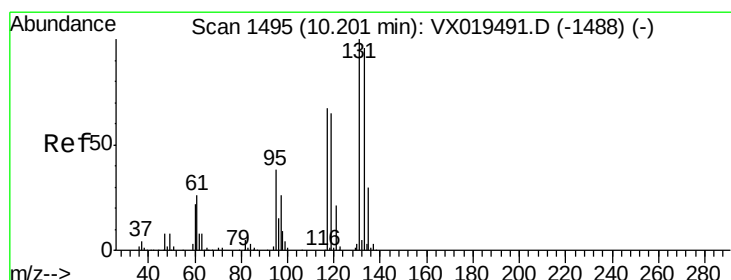
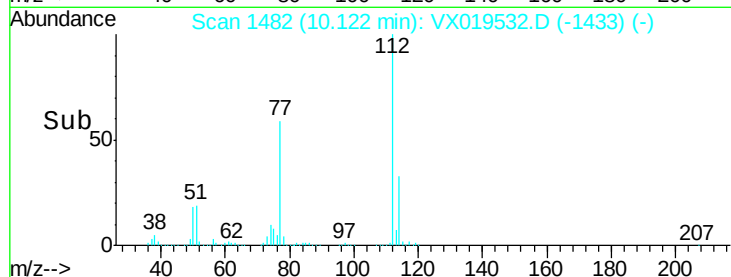
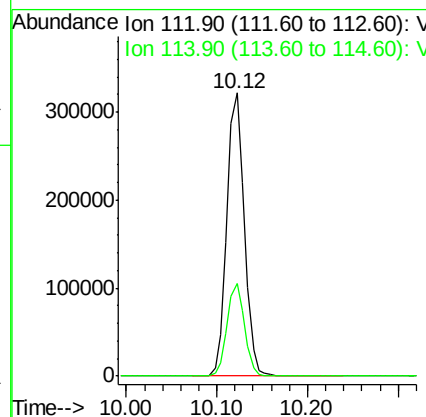
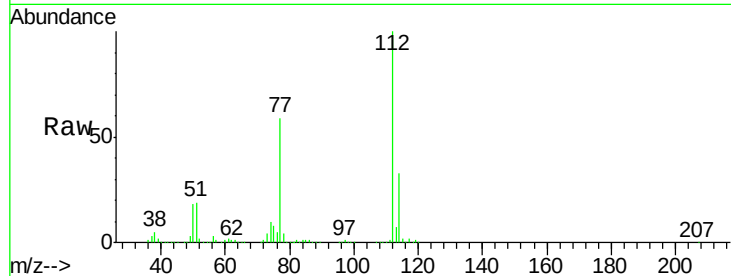
#65  
Chlorobenzene  
Concen: 48.900 ug/l  
RT: 10.12 min Scan# 1482  
Delta R.T. -0.00 min  
Lab File: VX019532.D  
Acq: 21 Nov 2020 07:04

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 114     | 32.7  | 26.0  | 39.0  |

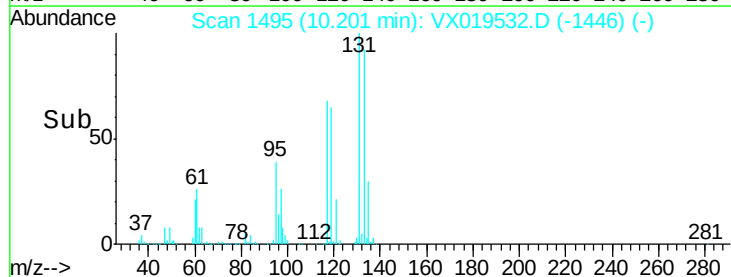
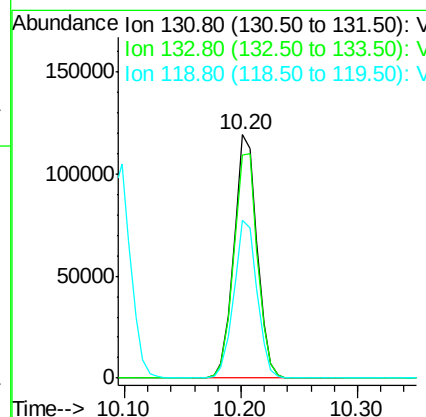
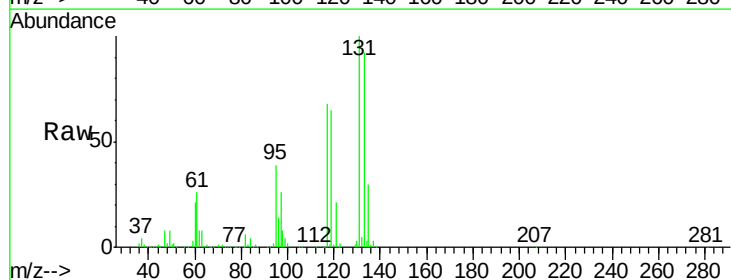
Manual Integrations  
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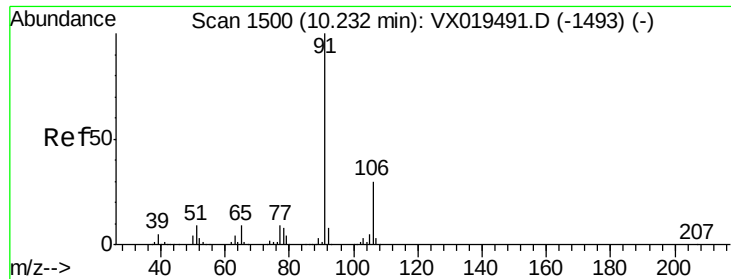
MMDadoda  
11/23/2020 11:05:50 AM



#66  
1,1,1,2-Tetrachloroethane  
Concen: 51.184 ug/l  
RT: 10.20 min Scan# 1495  
Delta R.T. -0.00 min  
Lab File: VX019532.D  
Acq: 21 Nov 2020 07:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 131     | 100   |       |       |
| 133     | 94.7  | 48.5  | 145.5 |
| 119     | 65.3  | 33.0  | 99.0  |





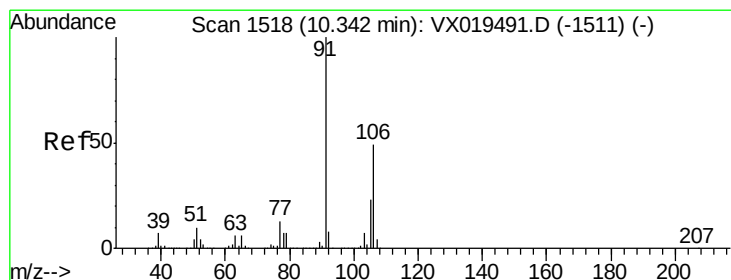
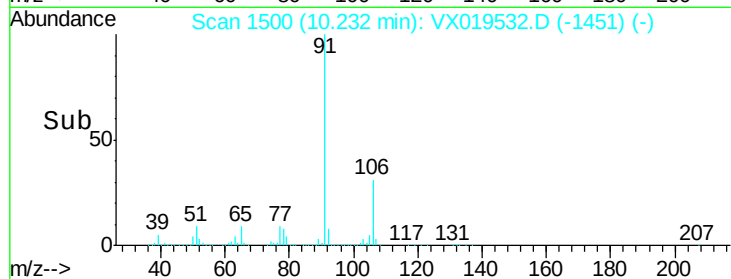
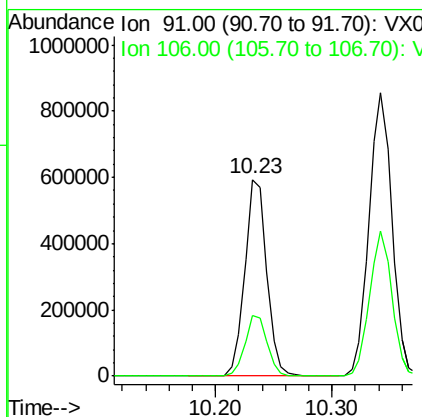
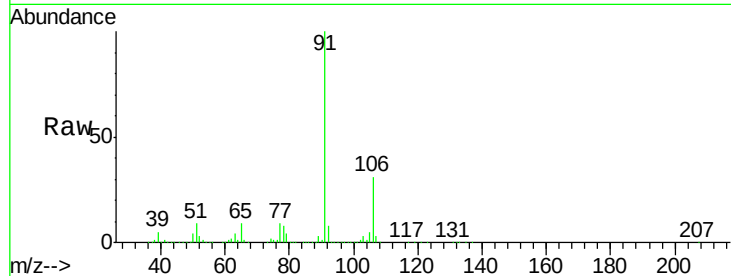
#67  
Ethyl Benzene  
Concen: 50.406 ug/l  
RT: 10.23 min Scan# 1500  
Delta R.T. -0.00 min  
Lab File: VX019532.D  
Acq: 21 Nov 2020 07:04

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Tot Ion: 91 Resp: 782400  
Ion Ratio Lower Upper  
91 100  
106 30.9 24.0 36.0

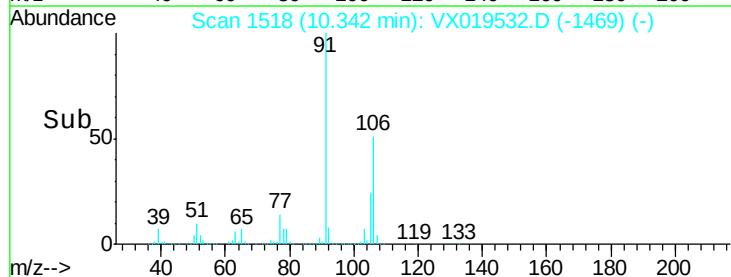
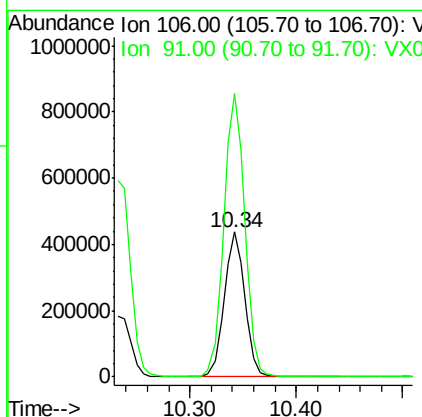
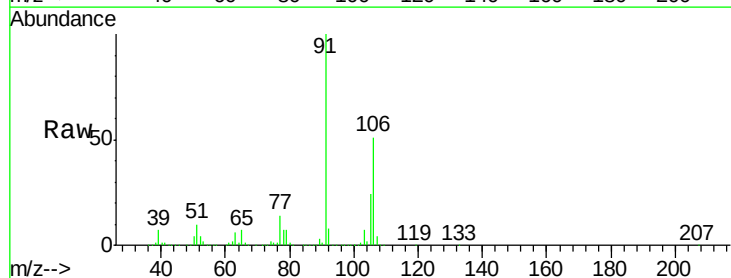
Manual Integrations  
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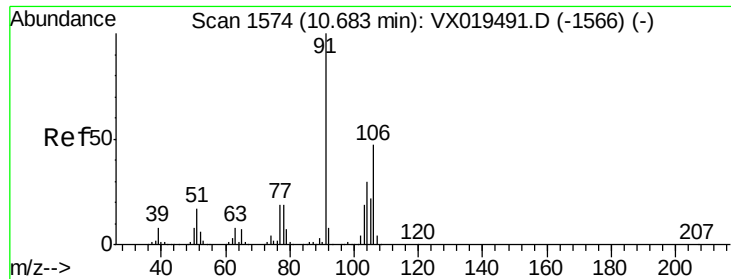
MMDadoda  
11/23/2020 11:05:50 AM



#68  
m/p-Xylenes  
Concen: 101.368 ug/l  
RT: 10.34 min Scan# 1518  
Delta R.T. -0.00 min  
Lab File: VX019532.D  
Acq: 21 Nov 2020 07:04

Tgt Ion: 106 Resp: 586205  
Ion Ratio Lower Upper  
106 100  
91 200.4 163.3 244.9





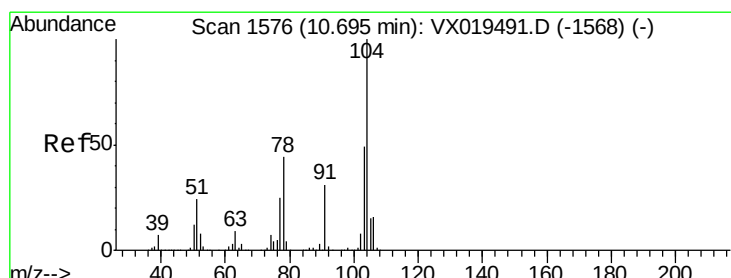
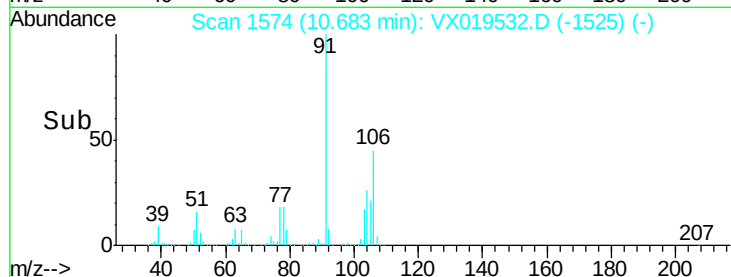
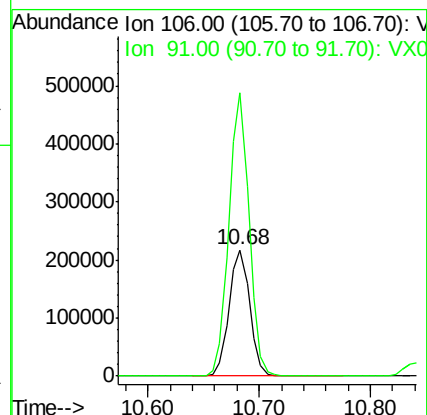
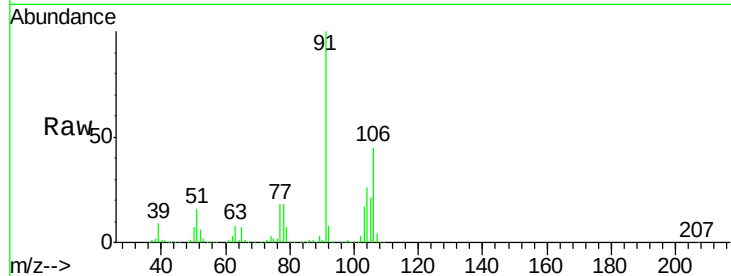
#69  
o-Xylene  
Concen: 50.916 ug/l  
RT: 10.68 min Scan# 1574  
Delta R.T. -0.00 min  
Lab File: VX019532.D  
Acq: 21 Nov 2020 07:04

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 106     | 100   |       |       |
| 91      | 217.2 | 108.0 | 324.0 |

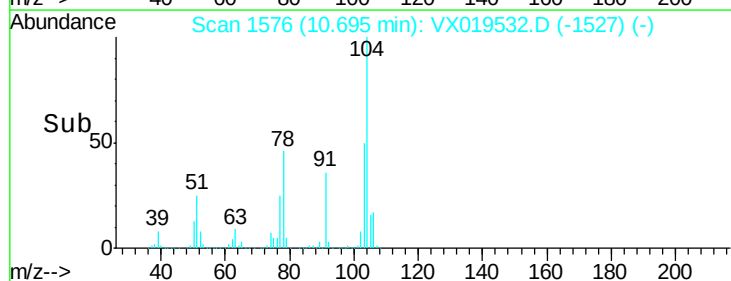
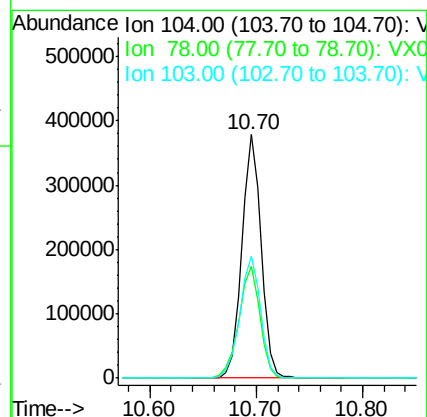
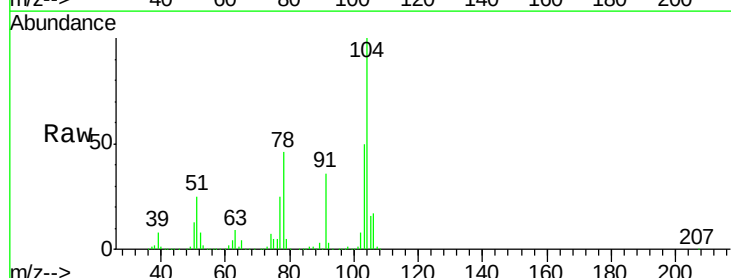
Manual Integrations  
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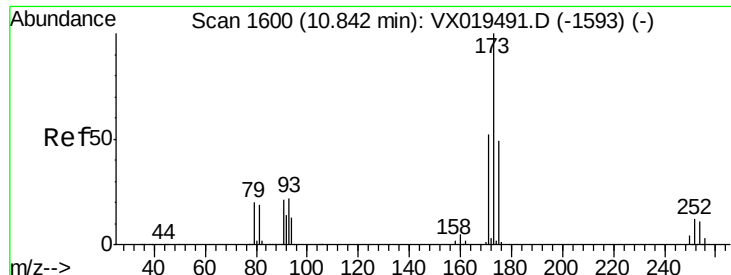


#70  
Styrene  
Concen: 47.252 ug/l  
RT: 10.70 min Scan# 1576  
Delta R.T. 0.00 min  
Lab File: VX019532.D  
Acq: 21 Nov 2020 07:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 104     | 100   |       |       |
| 78      | 50.5  | 39.5  | 59.3  |
| 103     | 54.1  | 43.6  | 65.4  |







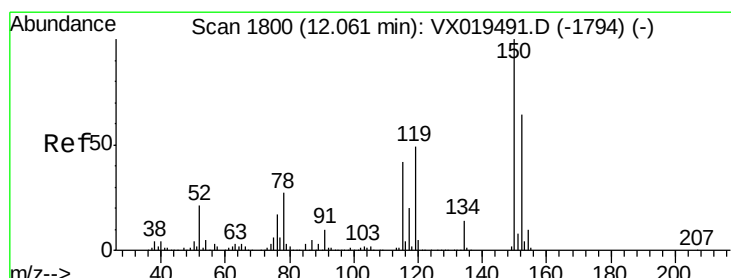
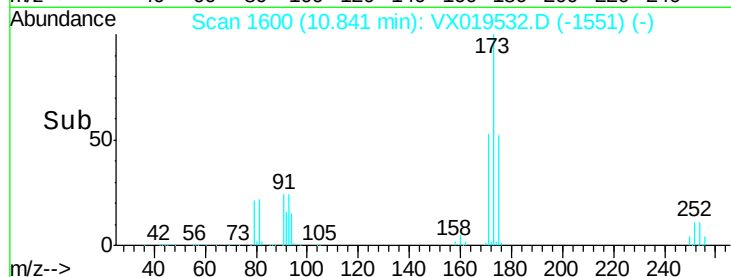
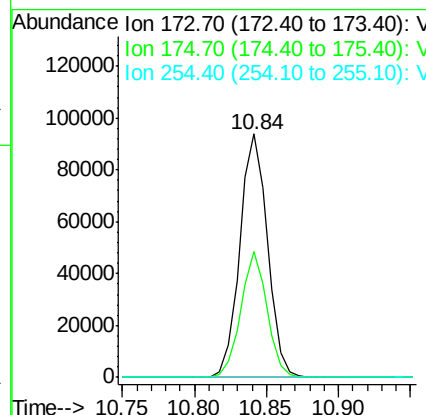
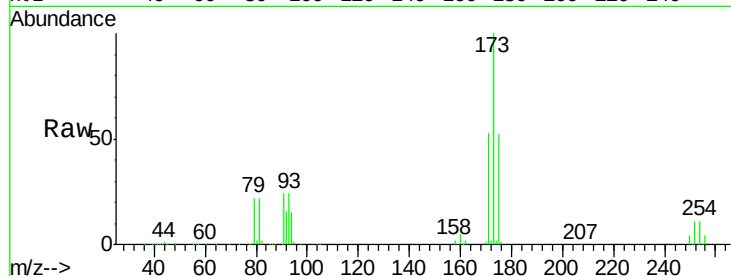
#71  
Bromoform  
Concen: 46.333 ug/l  
RT: 10.84 min Scan# 1600  
Delta R.T. 0.00 min  
Lab File: VX019532.D  
Acq: 21 Nov 2020 07:04

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 173     | 100   |       |       |
| 175     | 48.8  | 24.9  | 74.8  |
| 254     | 0.1   | 0.1   | 0.1#  |

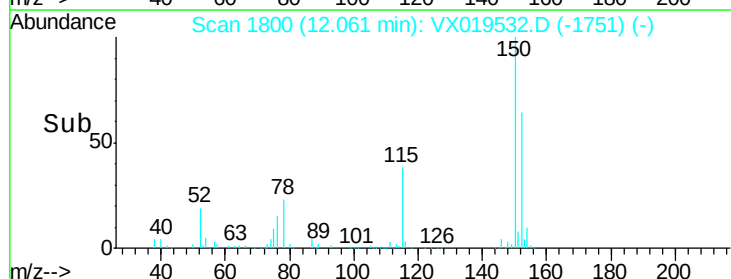
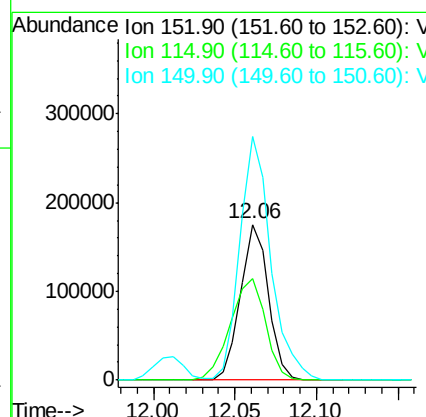
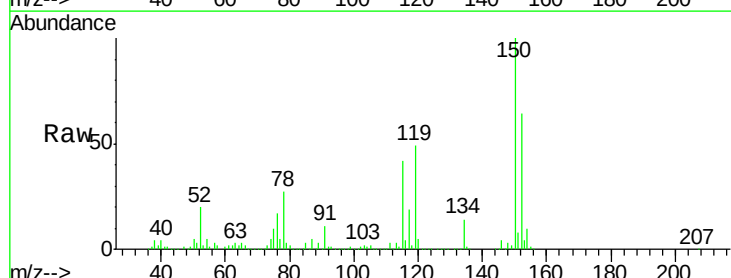
Manual Integrations  
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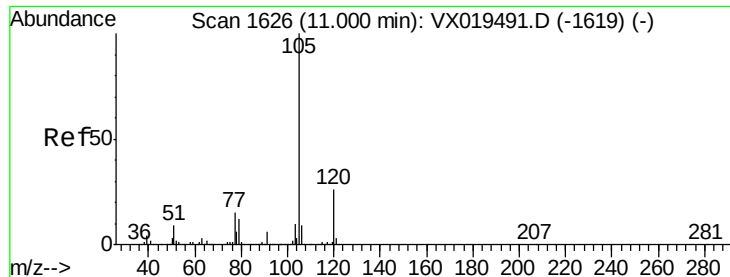
MMDadoda  
11/23/2020 11:05:50 AM



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.06 min Scan# 1800  
Delta R.T. -0.00 min  
Lab File: VX019532.D  
Acq: 21 Nov 2020 07:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 115     | 82.3  | 41.8  | 125.4 |
| 150     | 173.4 | 0.0   | 348.2 |





#73

Isopropylbenzene

Concen: 51.736 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX019532.D

Acq: 21 Nov 2020 07:04

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 750350

Ion Ratio Lower Upper

105 100

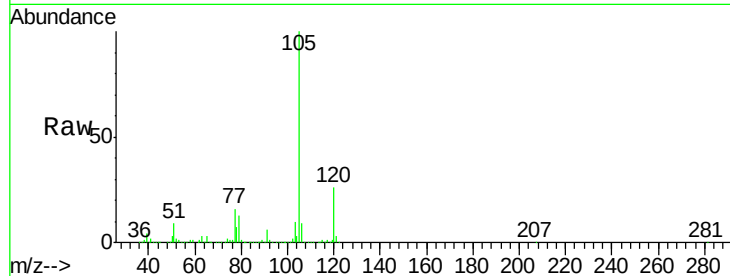
120 26.3 13.0 39.0

Manual Integrations

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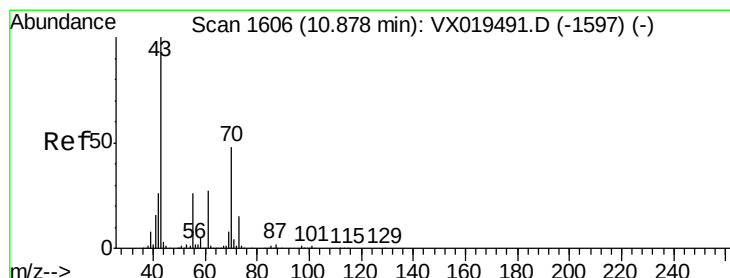
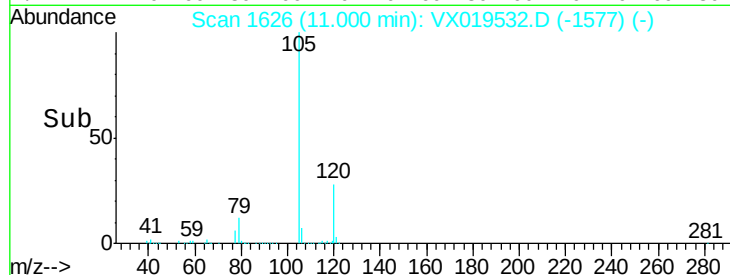
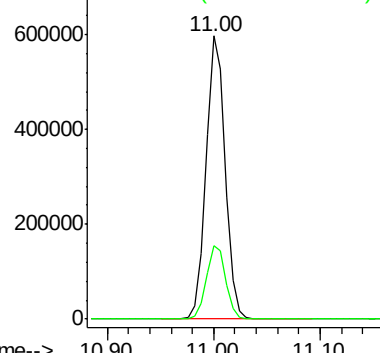
MMDadoda

11/23/2020 11:05:50 AM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 57.507 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX019532.D

Acq: 21 Nov 2020 07:04

Tgt Ion: 43 Resp: 312535

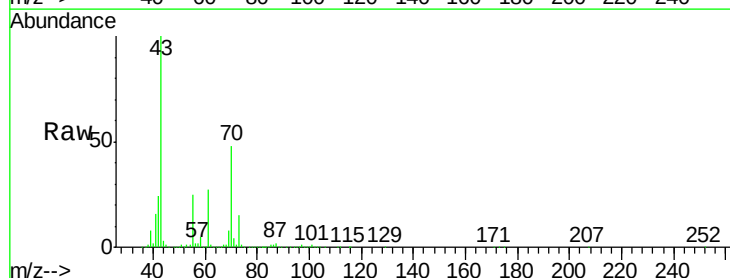
Ion Ratio Lower Upper

43 100

70 50.3 39.7 59.5

55 25.9 21.8 32.6

61 28.0 22.2 33.4

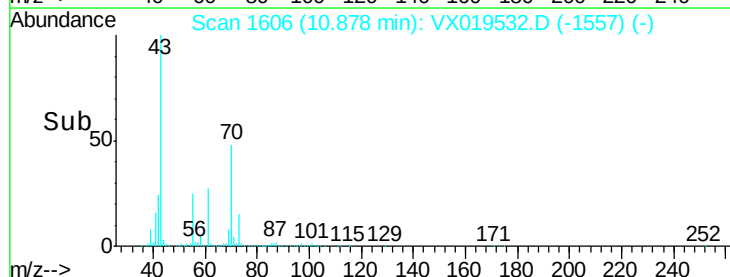
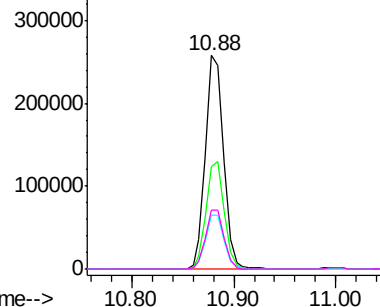


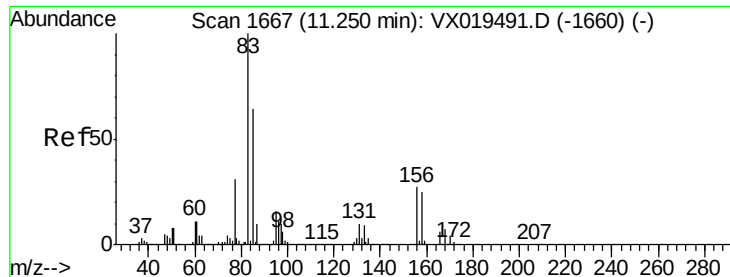
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 50.845 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX019532.D

Acq: 21 Nov 2020 07:04

Instrument :

MSVOA\_X

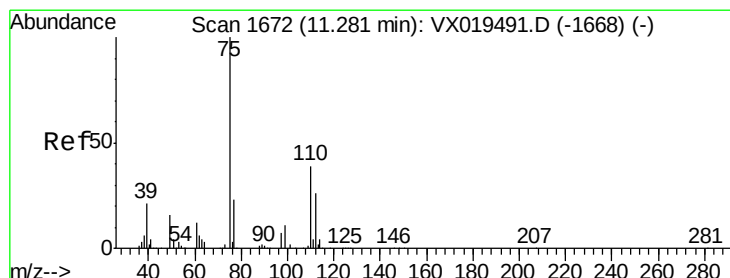
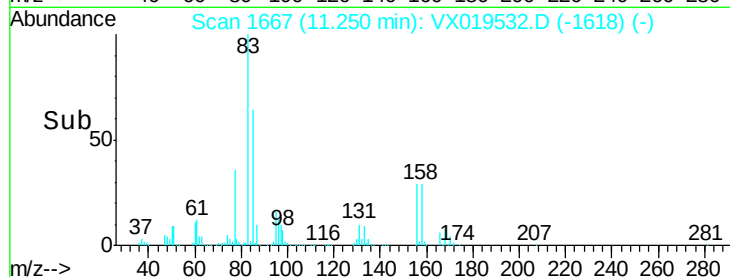
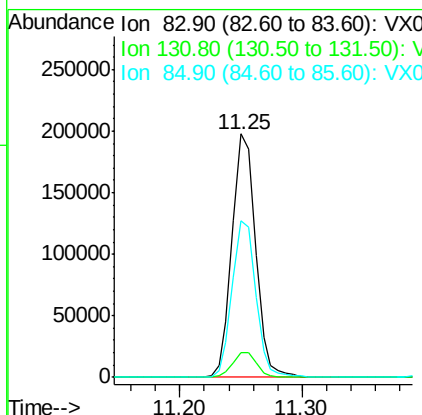
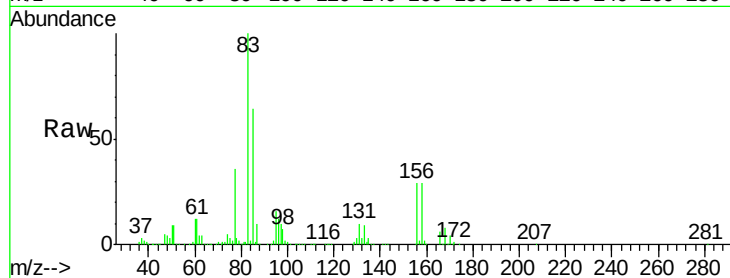
ClientSampleId :

VSTDCCC050EC

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 83    | Resp: | 263713 |
| Ion Ratio | Lower | Upper |        |
| 83        | 100   |       |        |
| 131       | 10.4  | 5.0   | 15.0   |
| 85        | 65.0  | 32.4  | 97.2   |

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11/23/2020 11:05:50 AM



#76

1,2,3-Trichloropropane

Concen: 50.624 ug/l m

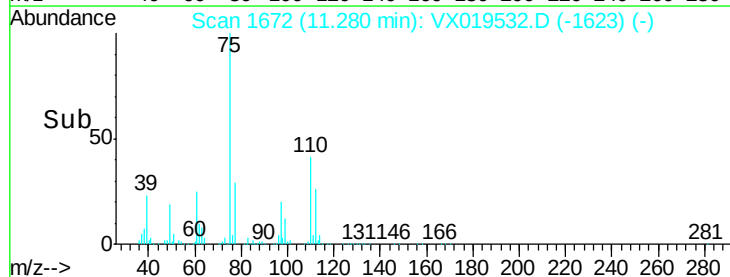
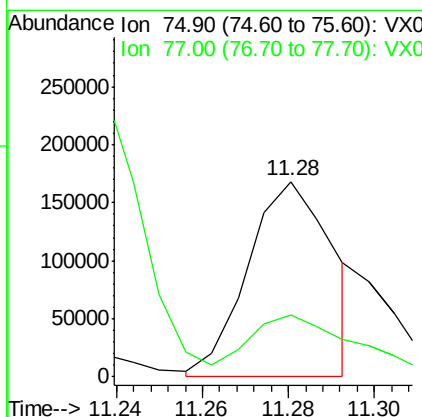
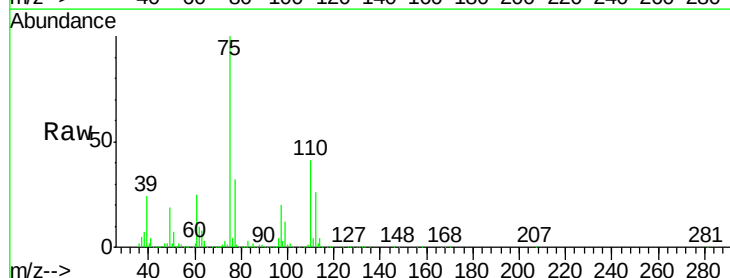
RT: 11.28 min Scan# 1672

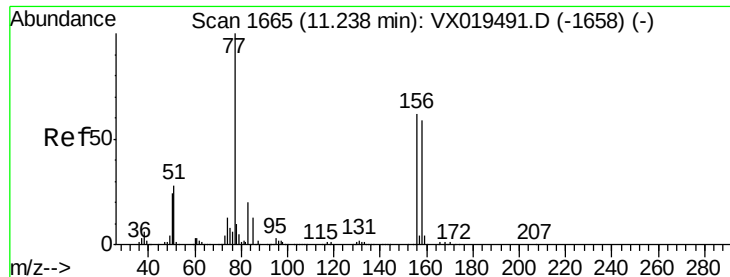
Delta R.T. -0.00 min

Lab File: VX019532.D

Acq: 21 Nov 2020 07:04

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 75    | Resp: | 231622 |
| Ion Ratio | Lower | Upper |        |
| 75        | 100   |       |        |
| 77        | 40.1  | 20.0  | 60.0   |





#77

Bromobenzene

Concen: 50.055 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX019532.D

Acq: 21 Nov 2020 07:04

Instrument :

MSVOA\_X

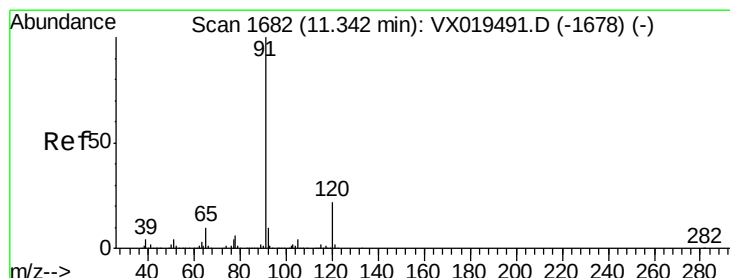
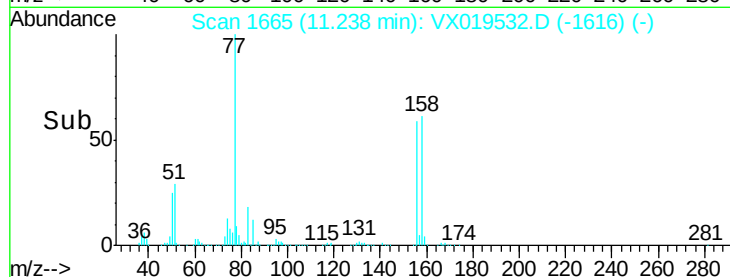
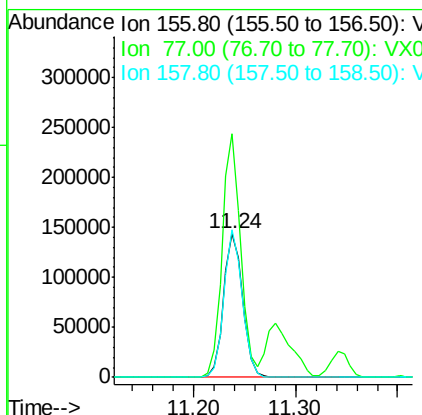
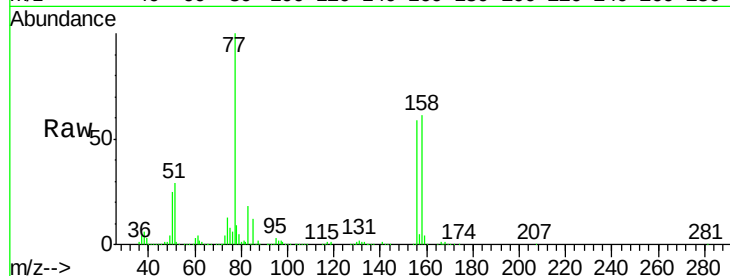
ClientSampleId :

VSTDCCC050EC

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 156   | Resp: | 185327 |
| Ion Ratio | Lower | Upper |        |
| 156       | 100   |       |        |
| 77        | 165.7 | 82.5  | 247.3  |
| 158       | 99.4  | 48.9  | 146.7  |

Manual Integrations  
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11/23/2020 11:05:50 AM



#78

n-propylbenzene

Concen: 50.371 ug/l

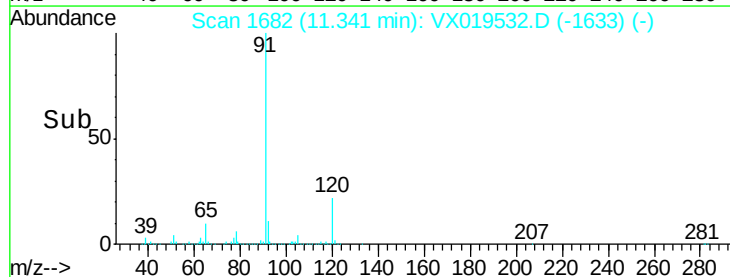
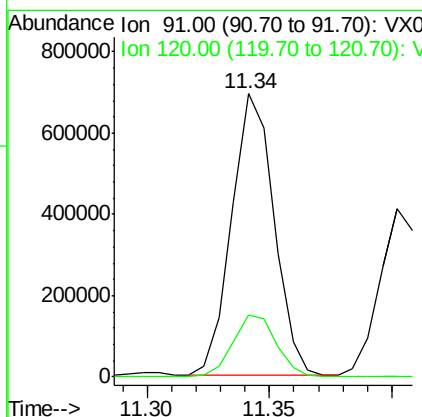
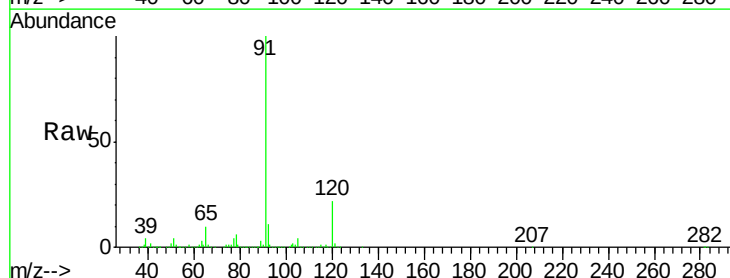
RT: 11.34 min Scan# 1682

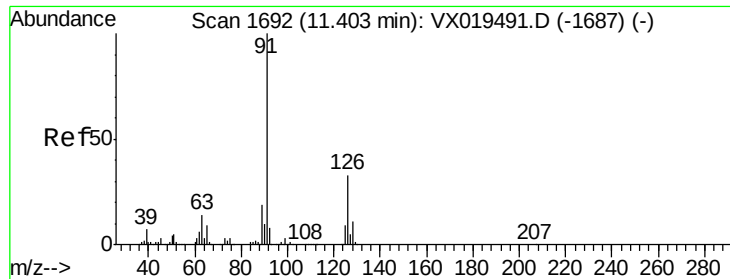
Delta R.T. -0.00 min

Lab File: VX019532.D

Acq: 21 Nov 2020 07:04

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 91    | Resp: | 838093 |
| Ion Ratio | Lower | Upper |        |
| 91        | 100   |       |        |
| 120       | 22.8  | 11.5  | 34.4   |





#79

2-Chlorotoluene

Concen: 51.143 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX019532.D

Acq: 21 Nov 2020 07:04

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 516055

Ion Ratio Lower Upper

91 100

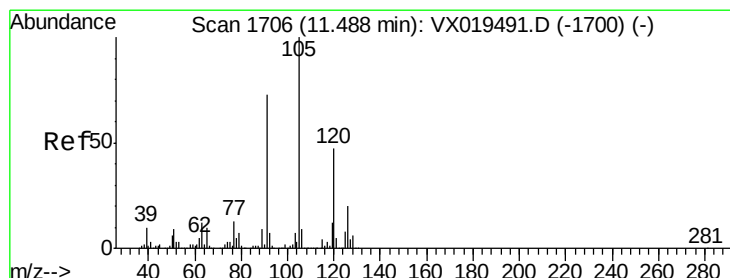
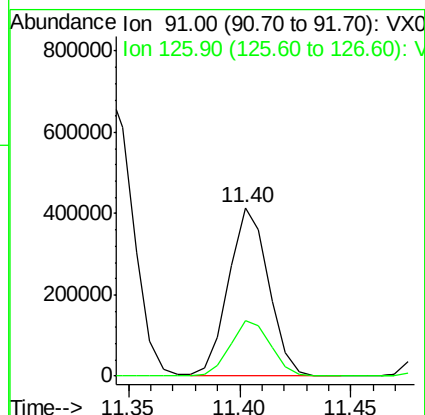
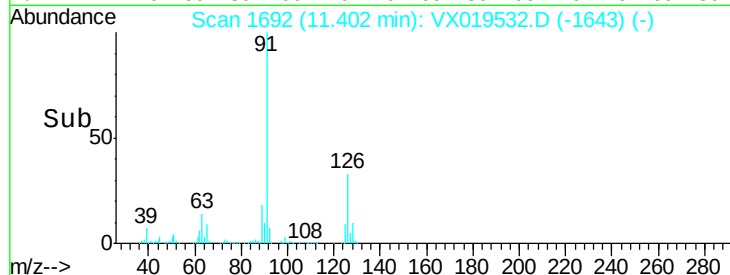
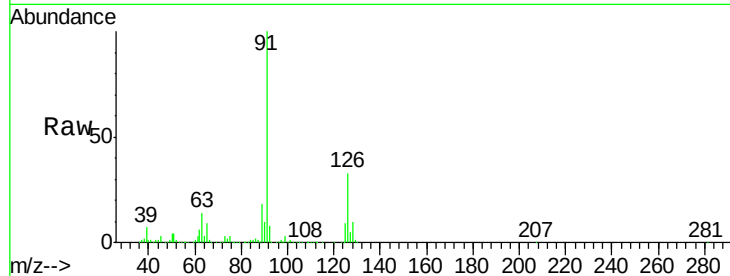
126 33.4 16.7 50.0

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 51.402 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.00 min

Lab File: VX019532.D

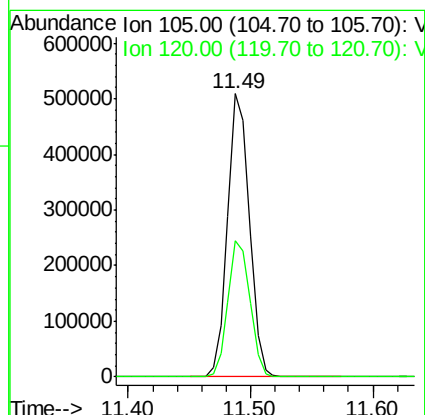
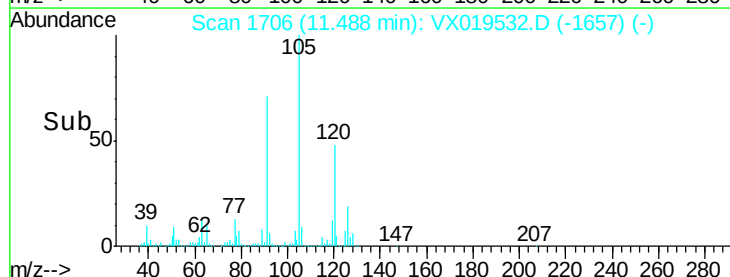
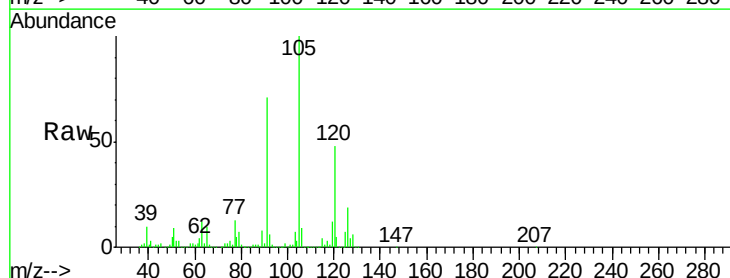
Acq: 21 Nov 2020 07:04

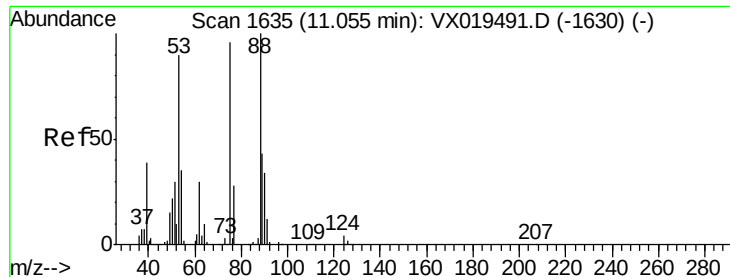
Tgt Ion: 105 Resp: 625385

Ion Ratio Lower Upper

105 100

120 48.8 24.1 72.3





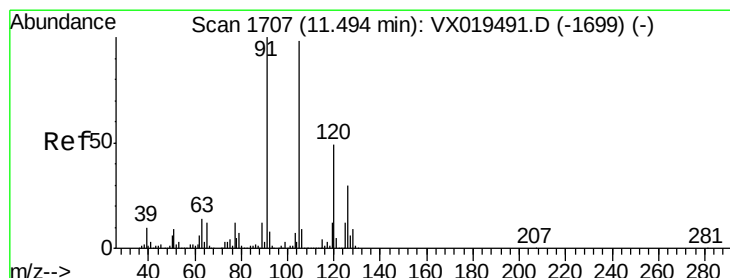
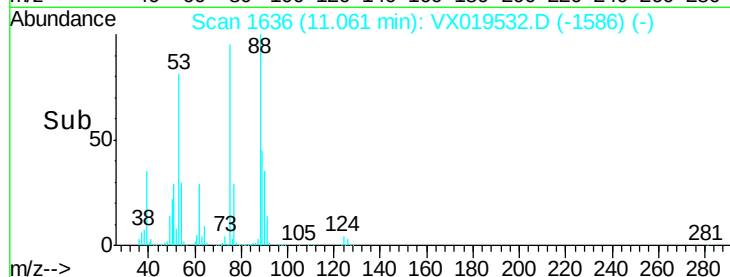
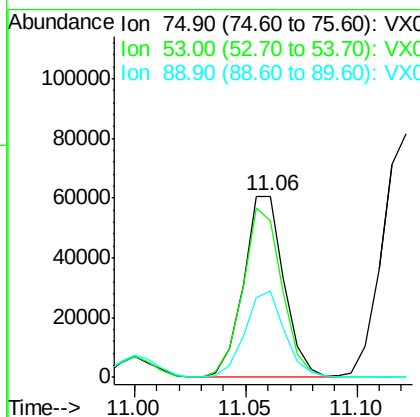
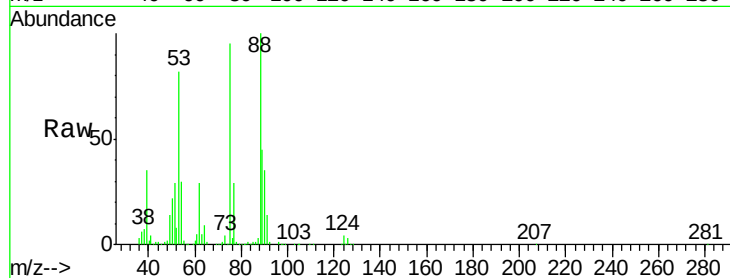
#81  
trans-1,4-Dichloro-2-butene  
Concen: 45.736 ug/l  
RT: 11.06 min Scan# 1636  
Delta R.T. 0.01 min  
Lab File: VX019532.D  
Acq: 21 Nov 2020 07:04

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 53      | 90.0  | 73.9  | 110.9 |
| 89      | 46.7  | 37.3  | 55.9  |

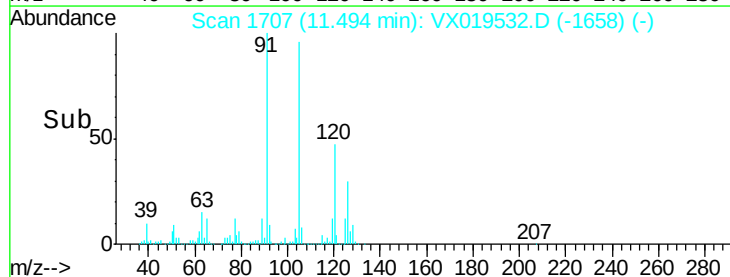
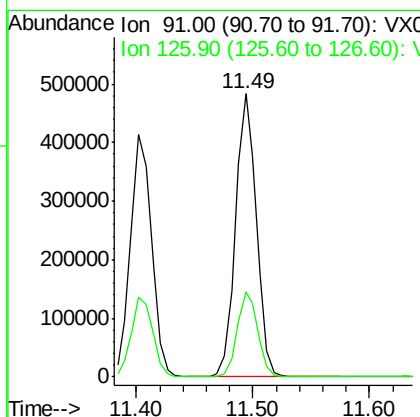
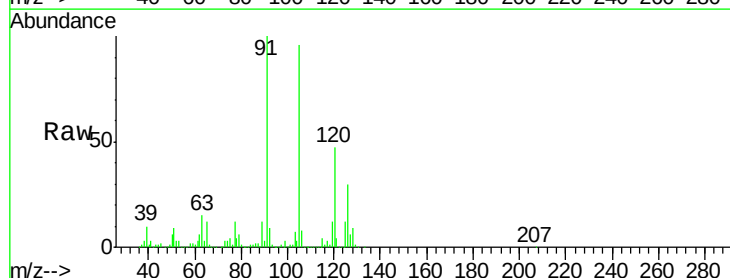
Manual Integrations  
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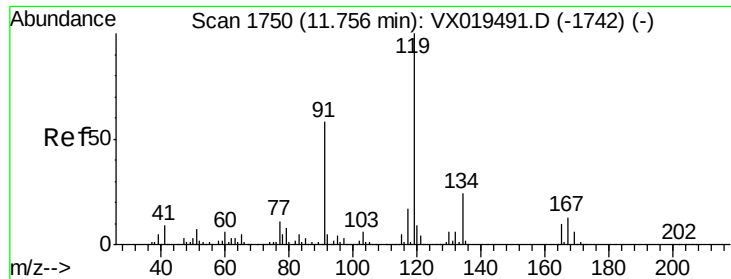
MMDadoda  
11/23/2020 11:05:50 AM



#82  
4-Chlorotoluene  
Concen: 50.600 ug/l  
RT: 11.49 min Scan# 1707  
Delta R.T. -0.00 min  
Lab File: VX019532.D  
Acq: 21 Nov 2020 07:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 126     | 29.6  | 14.9  | 44.7  |





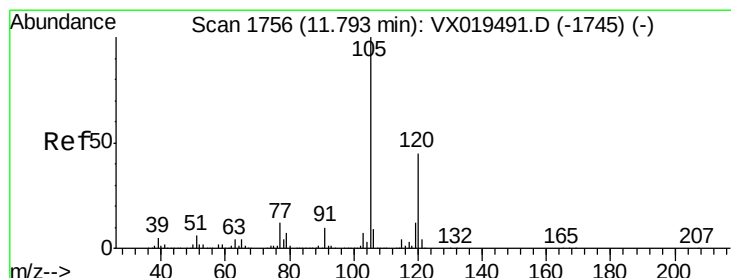
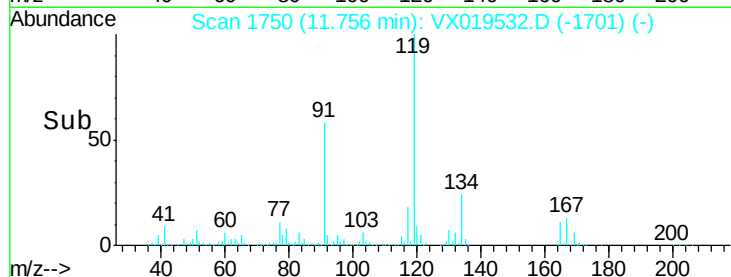
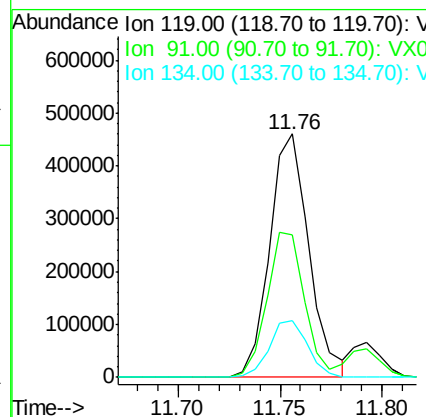
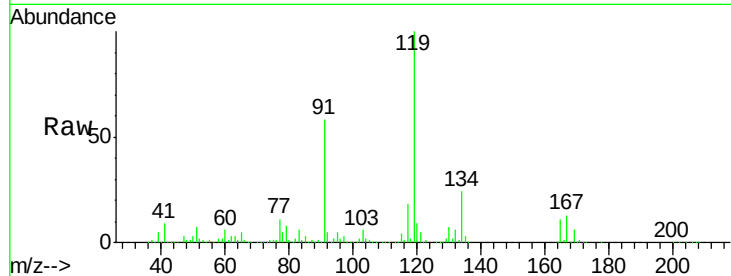
#83  
 tert-Butylbenzene  
 Concen: 52.412 ug/l  
 RT: 11.76 min Scan# 1750  
 Delta R.T. -0.00 min  
 Lab File: VX019532.D  
 Acq: 21 Nov 2020 07:04

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 119     | 100   | 616926 |       |       |
| 91      | 56.9  |        | 28.9  | 86.8  |
| 134     | 23.0  |        | 11.7  | 35.0  |

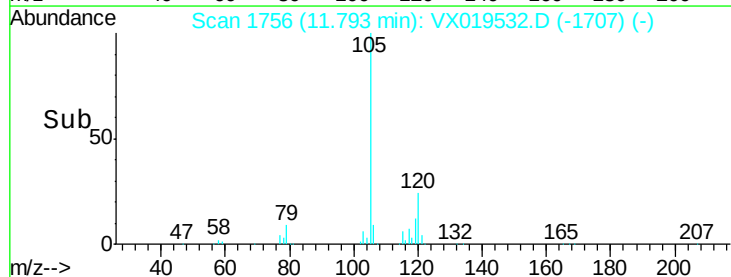
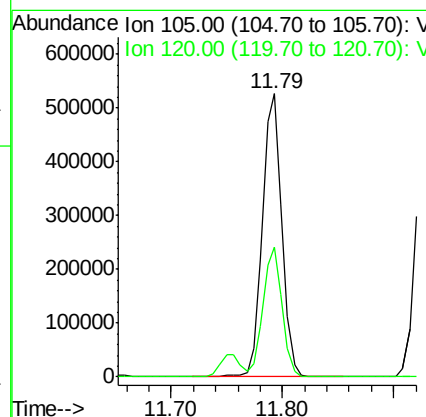
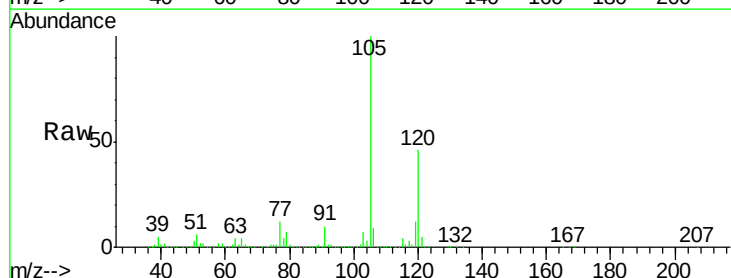
Manual Integrations  
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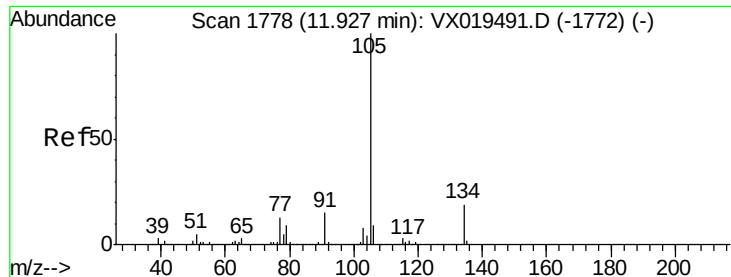
MMDadoda  
 11/23/2020 11:05:50 AM



#84  
 1,2,4-Trimethylbenzene  
 Concen: 51.986 ug/l  
 RT: 11.79 min Scan# 1756  
 Delta R.T. -0.00 min  
 Lab File: VX019532.D  
 Acq: 21 Nov 2020 07:04

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 639969 |       |       |
| 120     | 45.0  |        | 22.2  | 66.6  |





#85

sec-Butylbenzene

Concen: 49.339 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. 0.01 min

Lab File: VX019532.D

Acq: 21 Nov 2020 07:04

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 690894

Ion Ratio Lower Upper

105 100

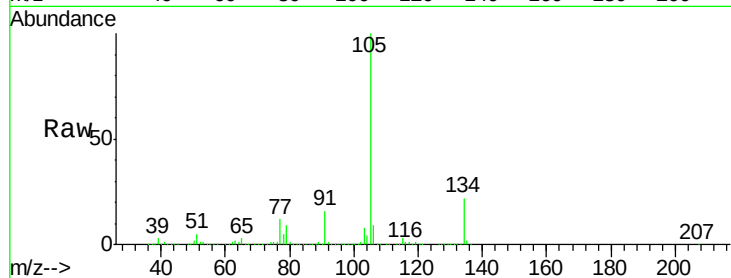
134 20.4 10.1 30.3

Manual Integrations

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11/23/2020 11:05:50 AM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.93

600000

500000

400000

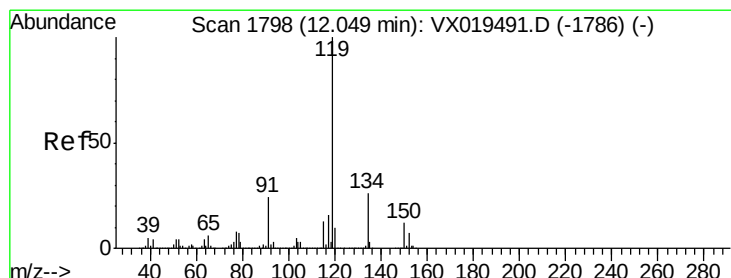
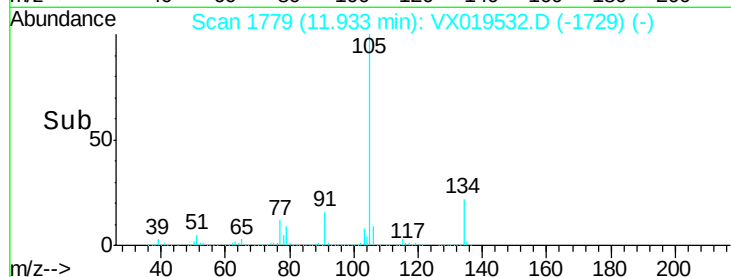
300000

200000

100000

0

Time--> 11.85 11.90 11.95 12.00



#86

p-Isopropyltoluene

Concen: 49.508 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX019532.D

Acq: 21 Nov 2020 07:04

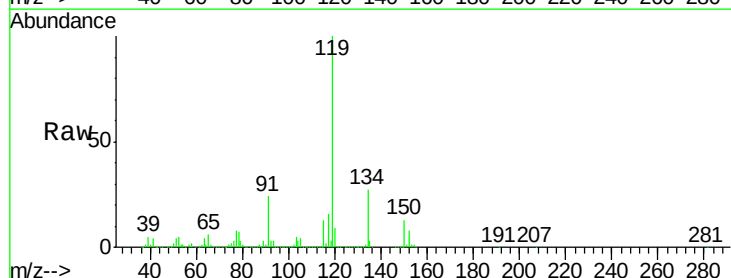
Tgt Ion:119 Resp: 629430

Ion Ratio Lower Upper

119 100

134 26.6 13.1 39.3

91 23.9 11.8 35.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

12.05

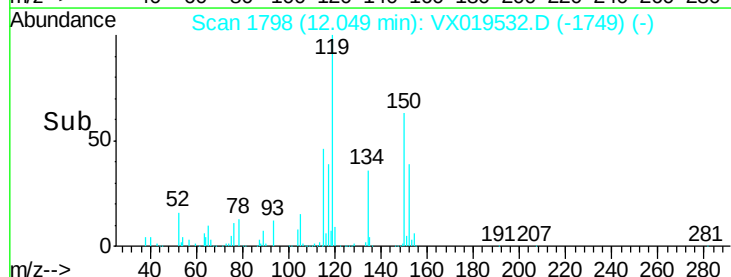
600000

400000

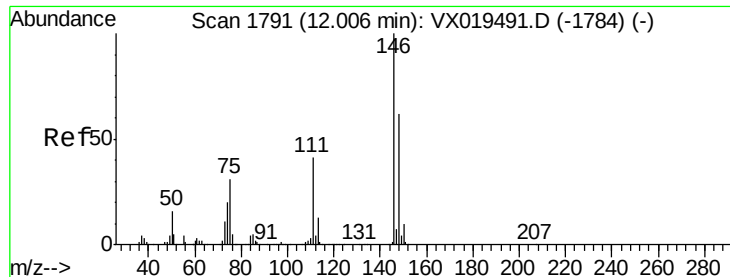
200000

0

Time--> 11.90 12.00 12.10







#87

1,3-Dichlorobenzene

Concen: 49.713 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. 0.01 min

Lab File: VX019532.D

Acq: 21 Nov 2020 07:04

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:146 Resp: 338028

Ion Ratio Lower Upper

146 100

111 40.6 20.2 60.6

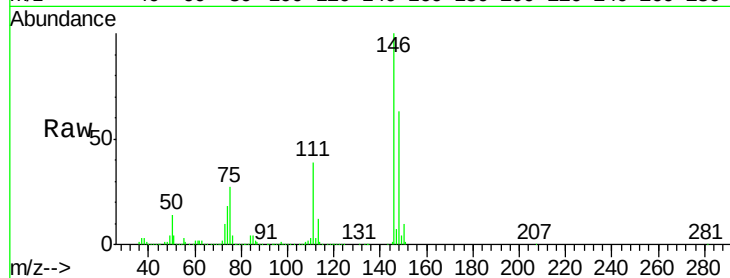
148 62.9 31.4 94.2

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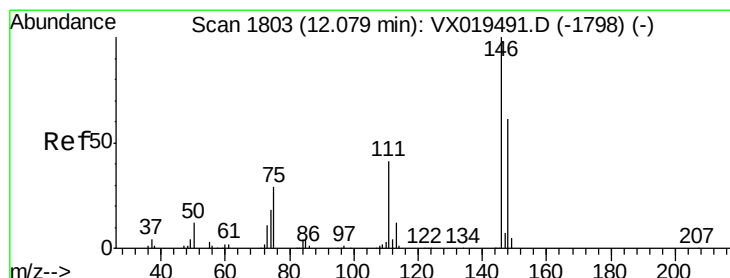
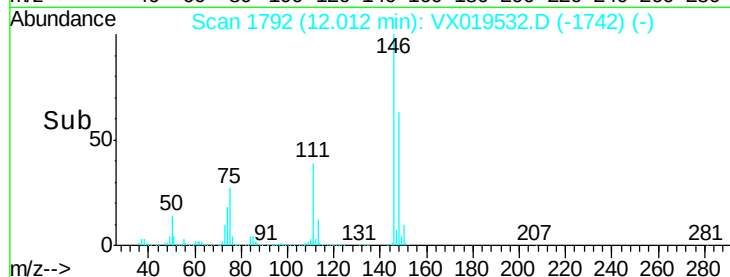
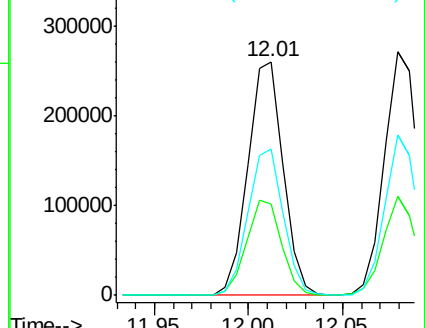
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Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 48.396 ug/l

RT: 12.08 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VX019532.D

Acq: 21 Nov 2020 07:04

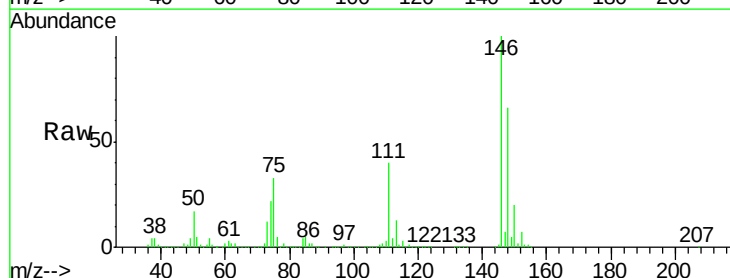
Tgt Ion:146 Resp: 338964

Ion Ratio Lower Upper

146 100

111 39.5 19.9 59.6

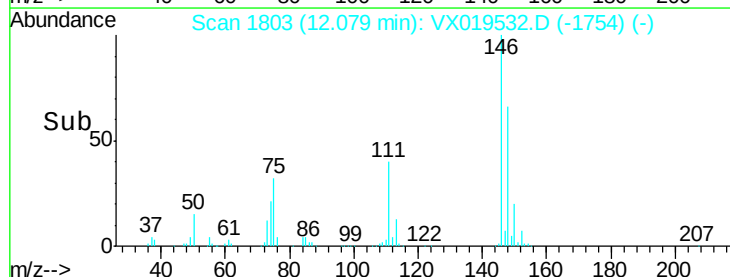
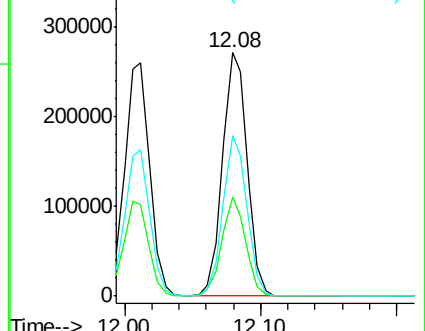
148 64.4 31.7 95.1

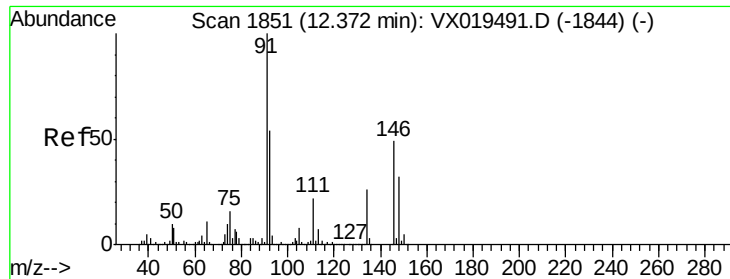


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





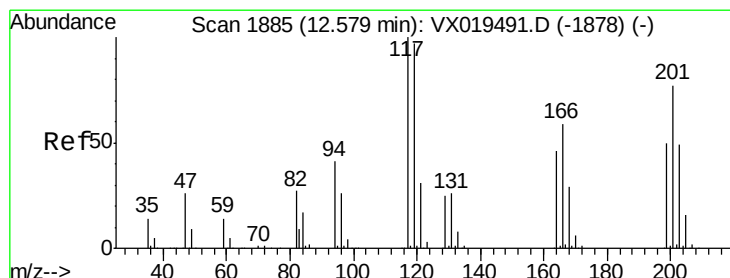
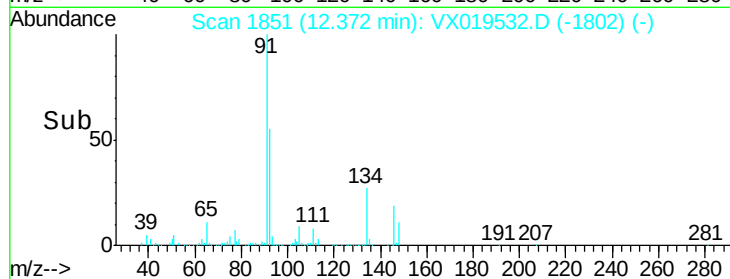
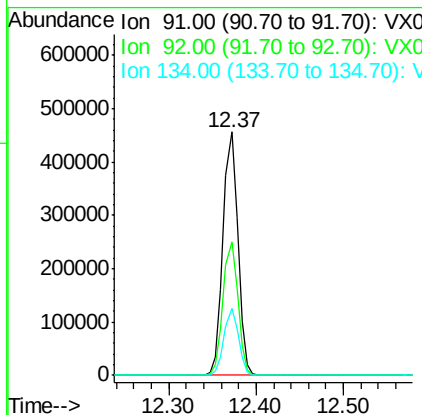
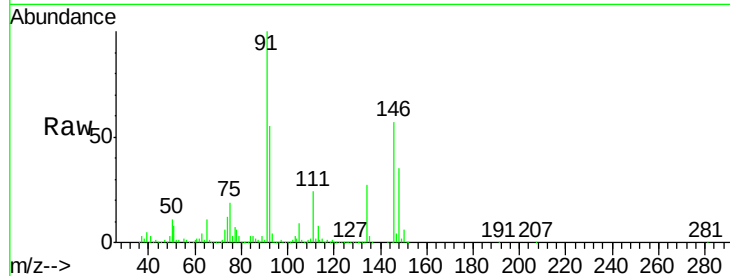
#89  
n-Butylbenzene  
Concen: 46.277 ug/l  
RT: 12.37 min Scan# 1851  
Delta R.T. -0.00 min  
Lab File: VX019532.D  
Acq: 21 Nov 2020 07:04

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 92      | 54.9  | 26.9  | 80.6  |
| 134     | 26.7  | 12.9  | 38.6  |

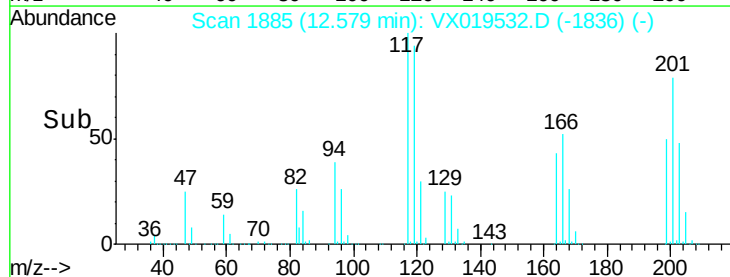
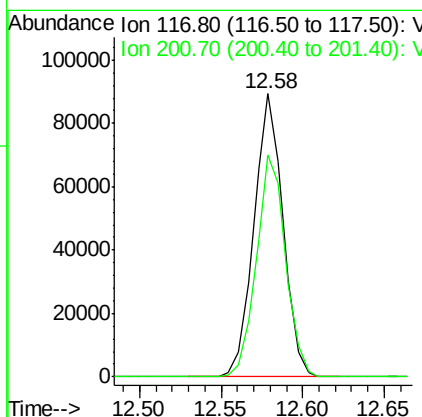
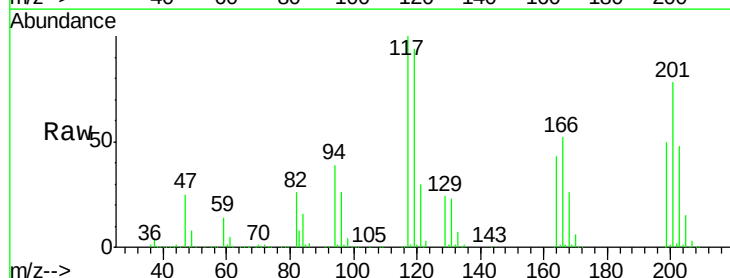
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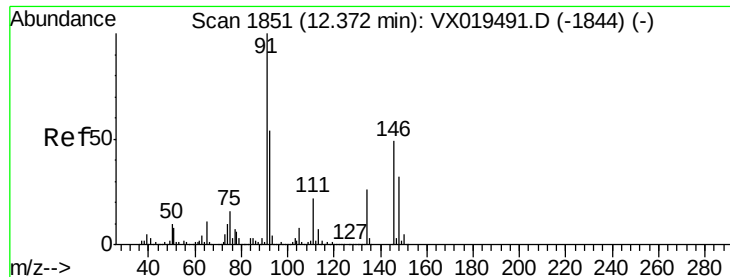
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11/23/2020 11:05:50 AM



#90  
Hexachloroethane  
Concen: 51.947 ug/l  
RT: 12.58 min Scan# 1885  
Delta R.T. -0.00 min  
Lab File: VX019532.D  
Acq: 21 Nov 2020 07:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 201     | 78.5  | 39.4  | 118.2 |





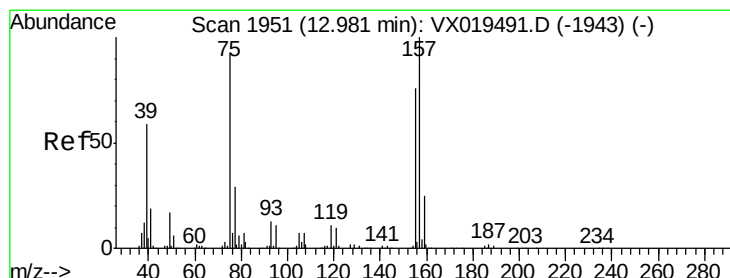
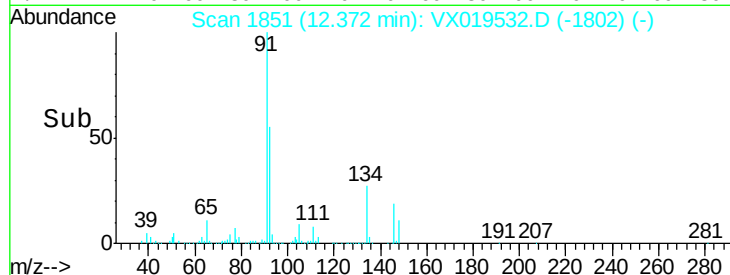
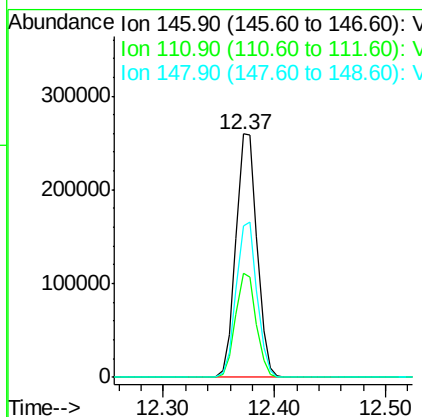
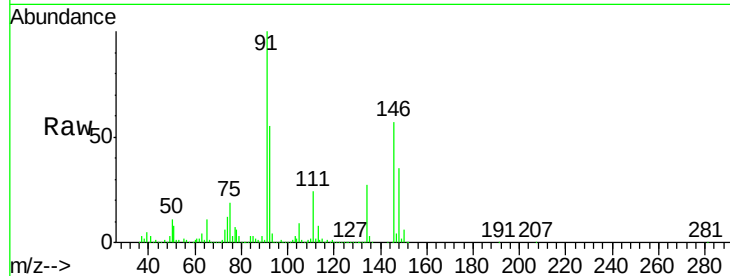
#91  
 1,2-Dichlorobenzene  
 Concen: 49.964 ug/l  
 RT: 12.37 min Scan# 1851  
 Delta R.T. -0.00 min  
 Lab File: VX019532.D  
 Acq: 21 Nov 2020 07:04

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 41.8  | 21.1  | 63.3  |
| 148     | 62.8  | 32.4  | 97.0  |

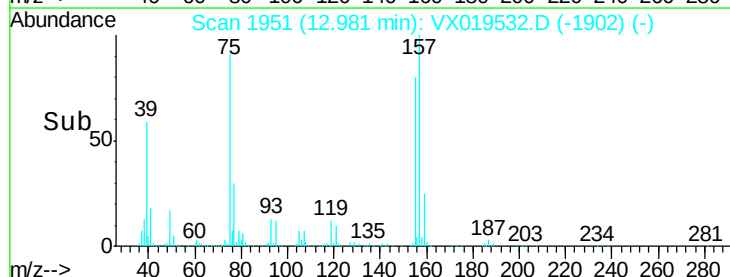
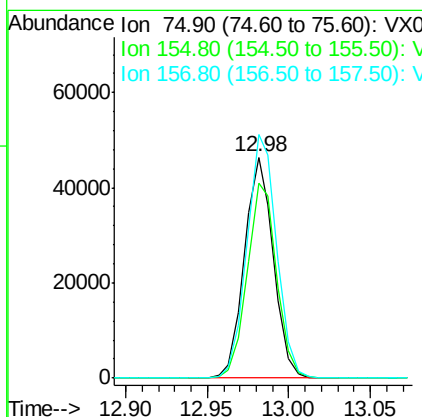
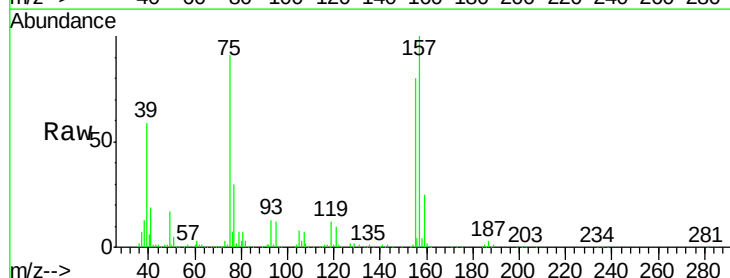
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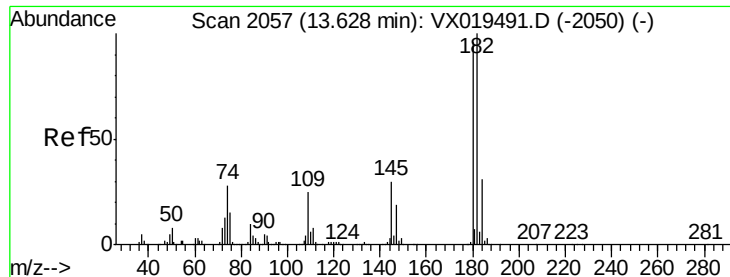
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#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 54.117 ug/l  
 RT: 12.98 min Scan# 1951  
 Delta R.T. -0.00 min  
 Lab File: VX019532.D  
 Acq: 21 Nov 2020 07:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 155     | 89.8  | 43.6  | 130.9 |
| 157     | 113.4 | 57.0  | 170.8 |





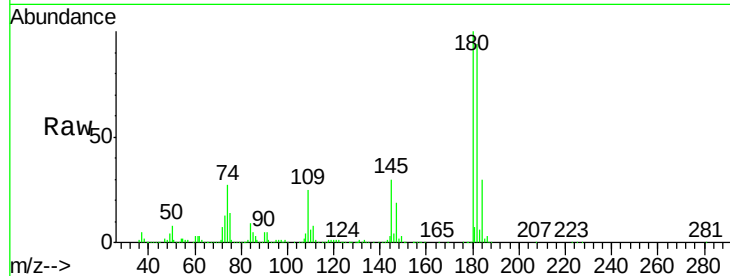
#93  
 1,2,4-Trichlorobenzene  
 Concen: 49.726 ug/l  
 RT: 13.63 min Scan# 2057  
 Delta R.T. -0.00 min  
 Lab File: VX019532.D  
 Acq: 21 Nov 2020 07:04

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

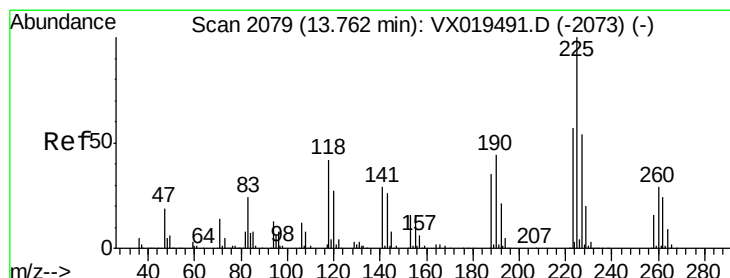
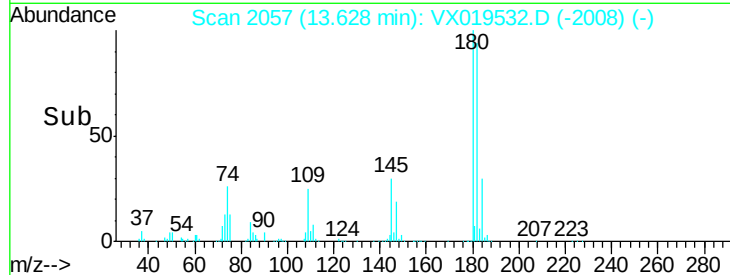
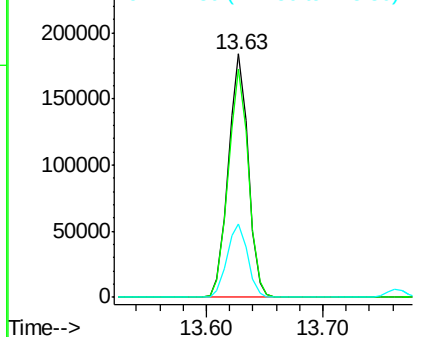
| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 218026 |       |       |
| 182     | 95.0  | 48.6   | 145.9 |       |
| 145     | 31.1  | 15.9   | 47.7  |       |

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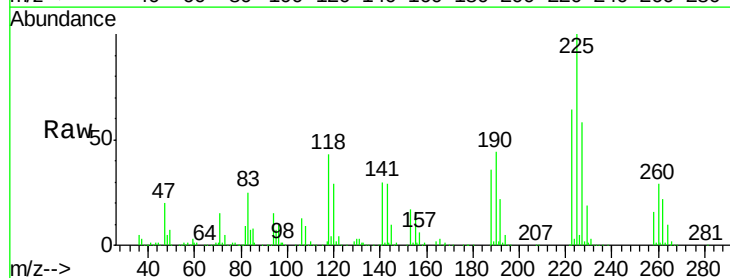


Abundance Ion 179.80 (179.50 to 180.50): V  
 Ion 181.80 (181.50 to 182.50): V  
 Ion 144.80 (144.50 to 145.50): V

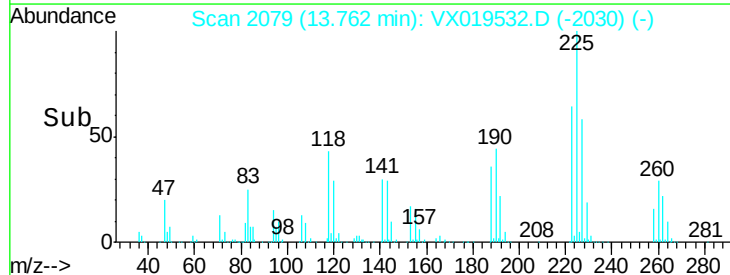
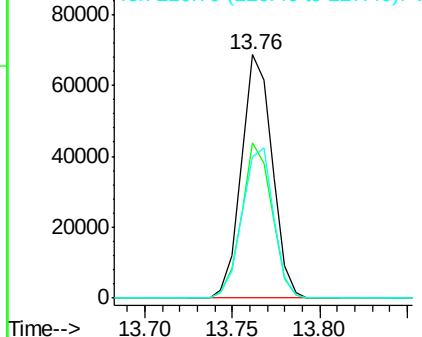


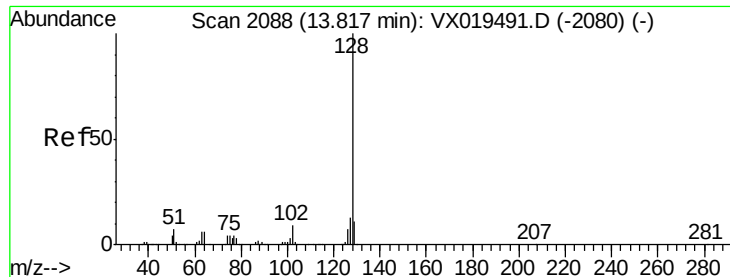
#94  
 Hexachlorobutadiene  
 Concen: 42.006 ug/l  
 RT: 13.76 min Scan# 2079  
 Delta R.T. -0.00 min  
 Lab File: VX019532.D  
 Acq: 21 Nov 2020 07:04

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 225     | 100   | 83900 |       |       |
| 223     | 62.9  | 32.5  | 97.5  |       |
| 227     | 63.2  | 32.8  | 98.3  |       |



Abundance Ion 224.70 (224.40 to 225.40): V  
 Ion 222.70 (222.40 to 223.40): V  
 Ion 226.70 (226.40 to 227.40): V





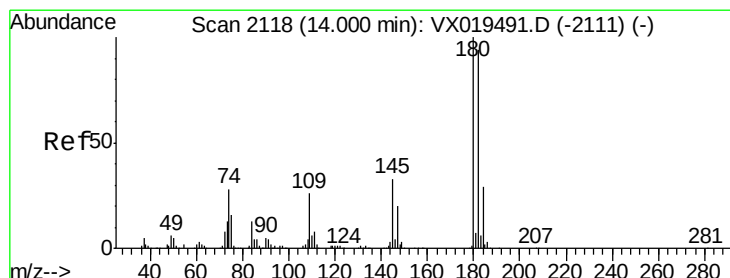
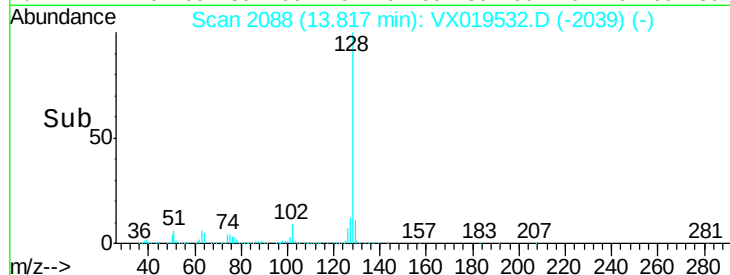
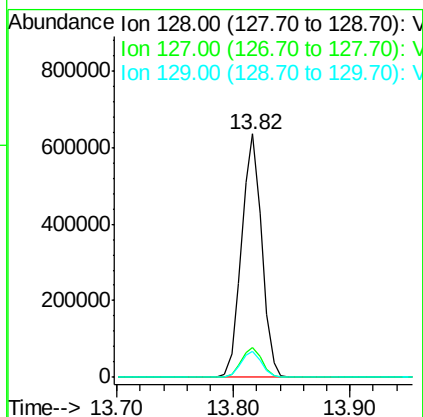
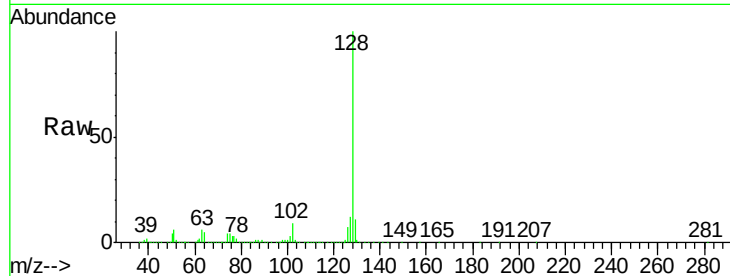
#95  
Naphthalene  
Concen: 49.790 ug/l  
RT: 13.82 min Scan# 2088  
Delta R.T. 0.00 min  
Lab File: VX019532.D  
Acq: 21 Nov 2020 07:04

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 127     | 12.8  | 10.3  | 15.5  |
| 129     | 10.8  | 8.7   | 13.1  |

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#96  
1,2,3-Trichlorobenzene  
Concen: 50.885 ug/l  
RT: 14.00 min Scan# 2118  
Delta R.T. -0.00 min  
Lab File: VX019532.D  
Acq: 21 Nov 2020 07:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 93.0  | 48.1  | 144.3 |
| 145     | 32.7  | 16.6  | 49.8  |

