

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX102519\  
 Data File : VX013200.D  
 Acq On : 24 Oct 2019 10:00  
 Operator : JC/SP  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

Manual Integrations  
 APPROVED

MMDadoda  
 10/28/2019 12:53:24 PM

Quant Time: Oct 25 01:39:06 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X102419W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Oct 24 03:56:38 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.65  | 168  | 87706    | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.85  | 114  | 123090   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.10 | 117  | 123806   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.07 | 152  | 88618    | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc   | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|--------|---------|----------|
| 33) 1,2-Dichloroethane-d4   | 6.05  | 65   | 90482    | 49.32  | ug/l    | 0.00     |
| Spiked Amount               |       |      |          | 50.000 |         |          |
|                             |       |      | Recovery | =      | 98.64%  |          |
| 35) Dibromofluoromethane    | 5.48  | 113  | 74048    | 53.95  | ug/l    | 0.00     |
| Spiked Amount               |       |      |          | 50.000 |         |          |
|                             |       |      | Recovery | =      | 107.90% |          |
| 50) Toluene-d8              | 8.71  | 98   | 267913   | 52.67  | ug/l    | 0.00     |
| Spiked Amount               |       |      |          | 50.000 |         |          |
|                             |       |      | Recovery | =      | 105.34% |          |
| 62) 4-Bromofluorobenzene    | 11.13 | 95   | 107042   | 53.17  | ug/l    | 0.00     |
| Spiked Amount               |       |      |          | 50.000 |         |          |
|                             |       |      | Recovery | =      | 106.34% |          |

| Target Compounds              | R.T. | QIon | Response | Conc    | Units | Qvalue |
|-------------------------------|------|------|----------|---------|-------|--------|
| 2) Dichlorodifluoromethane    | 1.19 | 85   | 84956    | 48.005  | ug/l  | 97     |
| 3) Chloromethane              | 1.32 | 50   | 70336    | 48.295  | ug/l  | 99     |
| 4) Vinyl Chloride             | 1.40 | 62   | 74738    | 46.926  | ug/l  | 100    |
| 5) Bromomethane               | 1.63 | 94   | 37138    | 43.994  | ug/l  | 94     |
| 6) Chloroethane               | 1.71 | 64   | 47200    | 53.115  | ug/l  | 98     |
| 7) Trichlorofluoromethane     | 1.92 | 101  | 127104   | 50.571  | ug/l  | 99     |
| 8) Diethyl Ether              | 2.18 | 74   | 42042    | 48.775  | ug/l  | 99     |
| 9) 1,1,2-Trichlorotrifluoroet | 2.37 | 101  | 77389    | 49.722  | ug/l  | 99     |
| 10) Methyl Iodide             | 2.50 | 142  | 92136    | 47.200  | ug/l  | 100    |
| 11) Tert butyl alcohol        | 3.03 | 59   | 93807    | 235.658 | ug/l  | 99     |
| 12) 1,1-Dichloroethene        | 2.36 | 96   | 72803    | 48.728  | ug/l  | 99     |
| 13) Acrolein                  | 2.28 | 56   | 49578    | 230.354 | ug/l  | 99     |
| 14) Allyl chloride            | 2.72 | 41   | 112655   | 47.894  | ug/l  | 99     |
| 15) Acrylonitrile             | 3.13 | 53   | 189522   | 234.392 | ug/l  | 100    |
| 16) Acetone                   | 2.43 | 43   | 250731   | 290.120 | ug/l  | 97     |
| 17) Carbon Disulfide          | 2.56 | 76   | 188745   | 46.989  | ug/l  | 100    |
| 18) Methyl Acetate            | 2.76 | 43   | 89762    | 47.613  | ug/l  | 99     |
| 19) Methyl tert-butyl Ether   | 3.18 | 73   | 253486   | 48.179  | ug/l  | 99     |
| 20) Methylene Chloride        | 2.84 | 84   | 81076    | 50.165  | ug/l  | 98     |
| 21) trans-1,2-Dichloroethene  | 3.15 | 96   | 78642    | 50.583  | ug/l  | 95     |
| 22) Diisopropyl ether         | 3.84 | 45   | 223201   | 48.531  | ug/l  | 90     |
| 23) Vinyl Acetate             | 3.80 | 43   | 970832   | 248.354 | ug/l  | 99     |
| 24) 1,1-Dichloroethane        | 3.69 | 63   | 136163   | 48.133  | ug/l  | 98     |
| 25) 2-Butanone                | 4.65 | 43   | 293933   | 253.605 | ug/l  | 100    |
| 26) 2,2-Dichloropropane       | 4.57 | 77   | 130293   | 49.836  | ug/l  | 100    |
| 27) cis-1,2-Dichloroethene    | 4.58 | 96   | 88232    | 48.220  | ug/l  | 98     |
| 28) Bromochloromethane        | 5.00 | 49   | 38014    | 52.114  | ug/l  | 99     |
| 29) Tetrahydrofuran           | 5.11 | 42   | 158169   | 226.403 | ug/l  | 99     |
| 30) Chloroform                | 5.20 | 83   | 145295   | 48.240  | ug/l  | 99     |
| 31) Cyclohexane               | 5.57 | 56   | 119585   | 50.407  | ug/l  | 98     |
| 32) 1,1,1-Trichloroethane     | 5.48 | 97   | 133922   | 50.008  | ug/l  | 99     |
| 36) 1,1-Dichloropropene       | 5.78 | 75   | 111039   | 53.897  | ug/l  | 99     |
| 37) Ethyl Acetate             | 4.81 | 43   | 98545    | 48.042  | ug/l  | 99     |
| 38) Carbon Tetrachloride      | 5.77 | 117  | 117222   | 51.522  | ug/l  | 97     |

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

Instrument :  
 MSVOA\_X  
 ClientSampleID :  
 VSTDCCC050

Manual Integrations  
 APPROVED

MMDadoda  
 10/28/2019 12:53:24 PM

Quant Time: Oct 25 01:39:06 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X102419W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Oct 24 03:56:38 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units | Dev(Min) |
|--------------------------------|-------|------|----------|---------|-------|----------|
| 39) Methylcyclohexane          | 7.45  | 83   | 133325   | 50.595  | ug/l  | 97       |
| 40) Benzene                    | 6.13  | 78   | 307994   | 49.816  | ug/l  | 98       |
| 41) Methacrylonitrile          | 5.03  | 41   | 55022    | 50.033  | ug/l  | 99       |
| 42) 1,2-Dichloroethane         | 6.18  | 62   | 119875   | 51.425  | ug/l  | 99       |
| 43) Isopropyl Acetate          | 6.43  | 43   | 169717   | 49.834  | ug/l  | 99       |
| 44) Trichloroethene            | 7.20  | 130  | 86806    | 49.470  | ug/l  | 97       |
| 45) 1,2-Dichloropropane        | 7.50  | 63   | 76788    | 49.588  | ug/l  | 98       |
| 46) Dibromomethane             | 7.65  | 93   | 54427    | 48.784  | ug/l  | 99       |
| 47) Bromodichloromethane       | 7.89  | 83   | 114052   | 52.457  | ug/l  | 99       |
| 48) Methyl methacrylate        | 7.76  | 41   | 82893    | 49.246  | ug/l  | 99       |
| 49) 1,4-Dioxane                | 7.73  | 88   | 41224    | 962.264 | ug/l  | 99       |
| 51) 4-Methyl-2-Pentanone       | 8.64  | 43   | 503651   | 242.625 | ug/l  | 99       |
| 52) Toluene                    | 8.78  | 92   | 202723   | 49.476  | ug/l  | 100      |
| 53) t-1,3-Dichloropropene      | 9.03  | 75   | 125729   | 54.417  | ug/l  | 99       |
| 54) cis-1,3-Dichloropropene    | 8.43  | 75   | 135617   | 53.656  | ug/l  | 98       |
| 55) 1,1,2-Trichloroethane      | 9.21  | 97   | 81279    | 50.174  | ug/l  | 99       |
| 56) Ethyl methacrylate         | 9.17  | 69   | 127813   | 52.423  | ug/l  | 99       |
| 57) 1,3-Dichloropropane        | 9.37  | 76   | 136686   | 50.007  | ug/l  | 99       |
| 58) 2-Chloroethyl Vinyl ether  | 8.31  | 63   | 268791   | 282.537 | ug/l  | 100      |
| 59) 2-Hexanone                 | 9.48  | 43   | 409875   | 256.331 | ug/l  | 98       |
| 60) Dibromochloromethane       | 9.57  | 129  | 90104    | 53.082  | ug/l  | 99       |
| 61) 1,2-Dibromoethane          | 9.67  | 107  | 86278    | 50.169  | ug/l  | 99       |
| 64) Tetrachloroethene          | 9.33  | 164  | 87569    | 57.618  | ug/l  | 98       |
| 65) Chlorobenzene              | 10.14 | 112  | 216017   | 49.843  | ug/l  | 99       |
| 66) 1,1,1,2-Tetrachloroethane  | 10.21 | 131  | 84608    | 52.847  | ug/l  | 98       |
| 67) Ethyl Benzene              | 10.25 | 91   | 394848   | 50.891  | ug/l  | 98       |
| 68) m/p-Xylenes                | 10.35 | 106  | 302339   | 103.112 | ug/l  | 98       |
| 69) o-Xylene                   | 10.70 | 106  | 142091   | 50.517  | ug/l  | 100      |
| 70) Styrene                    | 10.71 | 104  | 252045   | 52.040  | ug/l  | 99       |
| 71) Bromoform                  | 10.85 | 173  | 64713    | 55.319  | ug/l  | 100      |
| 73) Isopropylbenzene           | 11.01 | 105  | 400804   | 49.806  | ug/l  | 99       |
| 74) N-amyl acetate             | 10.89 | 43   | 145643   | 49.310  | ug/l  | 100      |
| 75) 1,1,2,2-Tetrachloroethane  | 11.26 | 83   | 118143   | 48.350  | ug/l  | 99       |
| 76) 1,2,3-Trichloropropane     | 11.29 | 75   | 100062m  | 46.849  | ug/l  |          |
| 77) Bromobenzene               | 11.25 | 156  | 95673    | 49.604  | ug/l  | 97       |
| 78) n-propylbenzene            | 11.35 | 91   | 433411   | 49.582  | ug/l  | 98       |
| 79) 2-Chlorotoluene            | 11.42 | 91   | 263785   | 47.761  | ug/l  | 99       |
| 80) 1,3,5-Trimethylbenzene     | 11.50 | 105  | 335536   | 50.164  | ug/l  | 98       |
| 81) trans-1,4-Dichloro-2-buten | 11.07 | 75   | 40220    | 51.746  | ug/l  | 99       |
| 82) 4-Chlorotoluene            | 11.51 | 91   | 308000   | 49.218  | ug/l  | 96       |
| 83) tert-Butylbenzene          | 11.76 | 119  | 325799   | 49.231  | ug/l  | 97       |
| 84) 1,2,4-Trimethylbenzene     | 11.81 | 105  | 332896   | 49.341  | ug/l  | 99       |
| 85) sec-Butylbenzene           | 11.94 | 105  | 370168   | 49.153  | ug/l  | 100      |
| 86) p-Isopropyltoluene         | 12.06 | 119  | 367219   | 51.903  | ug/l  | 99       |
| 87) 1,3-Dichlorobenzene        | 12.02 | 146  | 173139   | 49.690  | ug/l  | 100      |
| 88) 1,4-Dichlorobenzene        | 12.09 | 146  | 174060   | 49.064  | ug/l  | 98       |
| 89) n-Butylbenzene             | 12.39 | 91   | 300499   | 51.920  | ug/l  | 99       |
| 90) Hexachloroethane           | 12.59 | 117  | 62337    | 52.612  | ug/l  | 99       |
| 91) 1,2-Dichlorobenzene        | 12.39 | 146  | 169030   | 49.333  | ug/l  | 98       |
| 92) 1,2-Dibromo-3-Chloropropan | 12.99 | 75   | 30886    | 50.830  | ug/l  | 96       |

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Acq On : 24 Oct 2019 10:00  
Operator : JC/SP  
Sample : VSTDCCC050  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

Manual Integrations  
APPROVED

MMDadoda  
10/28/2019 12:53:24 PM

Quant Time: Oct 25 01:39:06 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X102419W.M  
Quant Title : SW846 8260  
QLast Update : Thu Oct 24 03:56:38 2019  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 13.64 | 180  | 112922   | 52.338 | ug/l  | 98       |
| 94) Hexachlorobutadiene    | 13.78 | 225  | 56281    | 50.428 | ug/l  | 98       |
| 95) Naphthalene            | 13.83 | 128  | 352881   | 53.291 | ug/l  | 98       |
| 96) 1,2,3-Trichlorobenzene | 14.01 | 180  | 113684   | 53.323 | ug/l  | 97       |

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

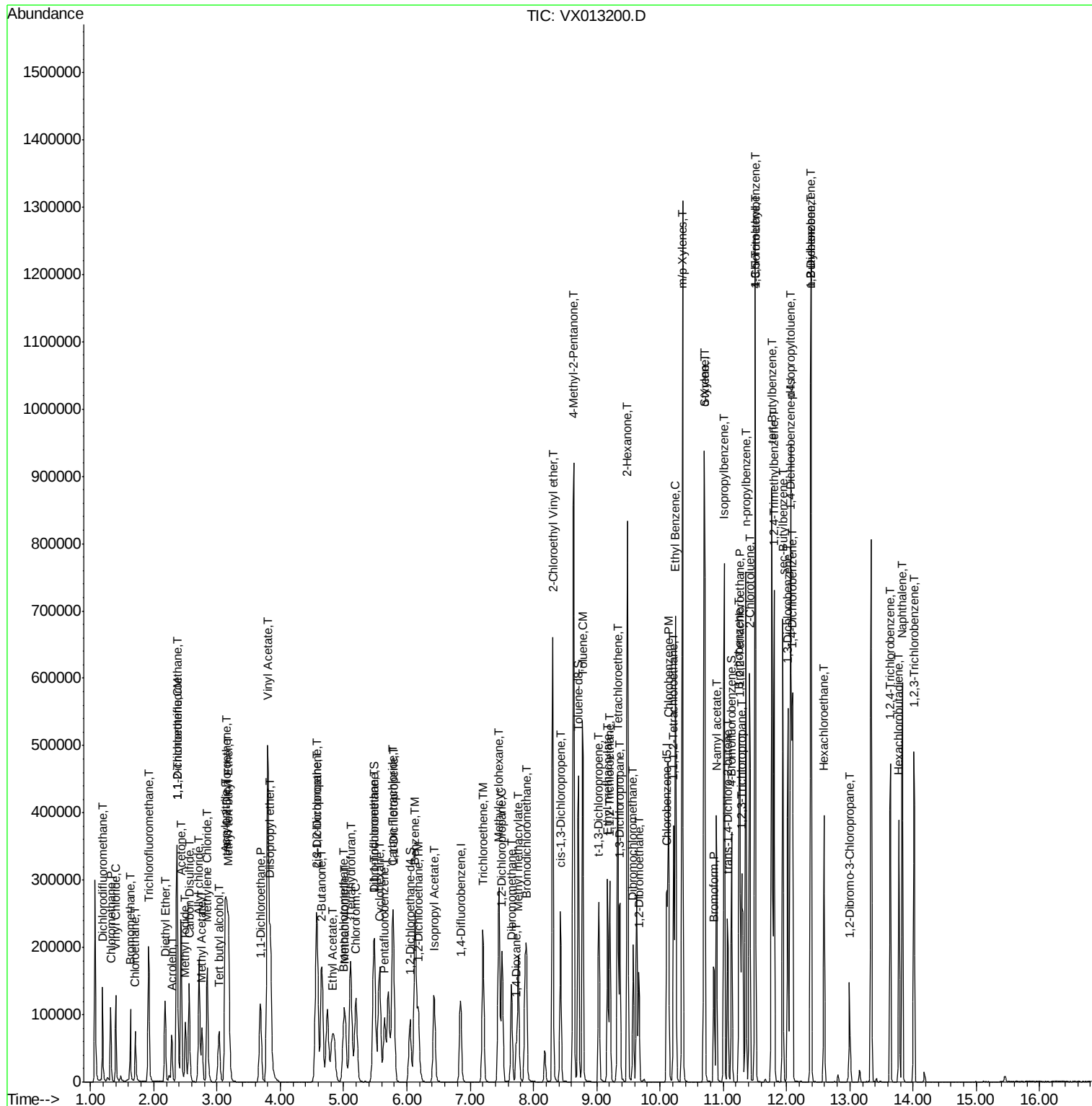
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 Data File : VX013200.D  
 Acq On : 24 Oct 2019 10:00  
 Operator : JC/SP  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 2 Sample Multiplier: 1

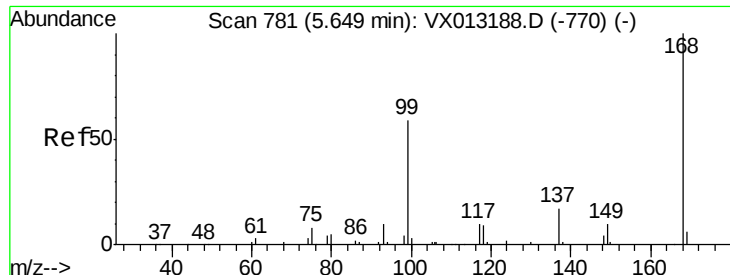
Instrument :  
 MSVOA\_X  
 ClientSampleID :  
 VSTDCCC050

Manual Integrations  
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 10/28/2019 12:53:24 PM

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 Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.00 min

Lab File: VX013200.D

Acq: 24 Oct 2019 10:00

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 87706

Ion Ratio Lower Upper

168 100

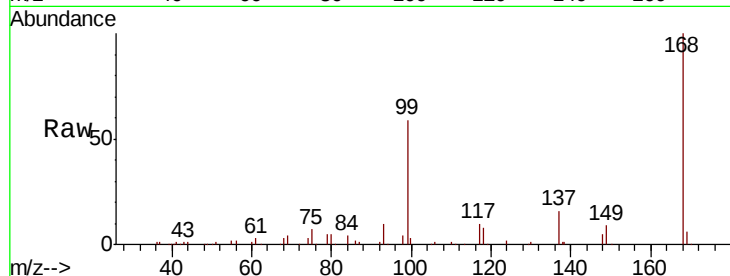
99 58.8 47.0 70.4

Manual Integrations

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10/28/2019 12:53:24 PM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

30000

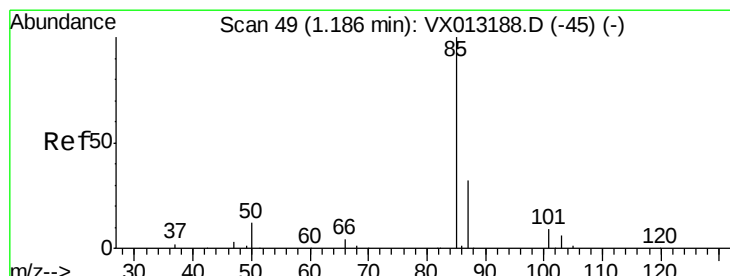
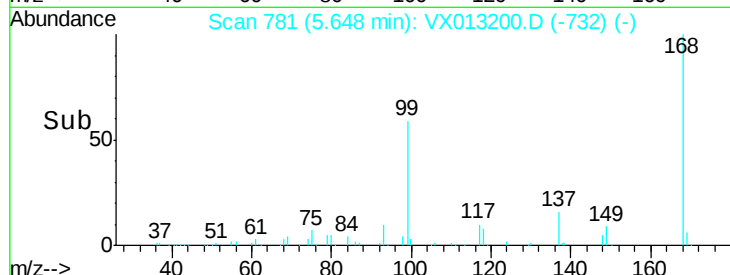
20000

10000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 48.005 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.01 min

Lab File: VX013200.D

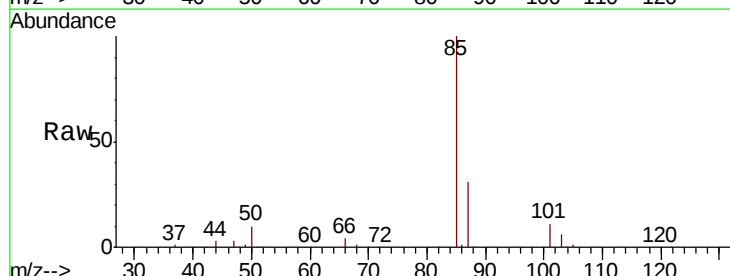
Acq: 24 Oct 2019 10:00

Tgt Ion: 85 Resp: 84956

Ion Ratio Lower Upper

85 100

87 30.7 16.2 48.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

80000

60000

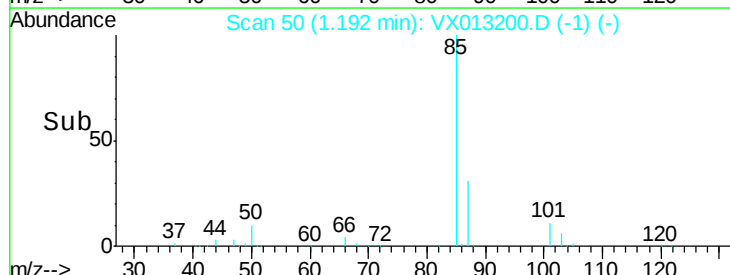
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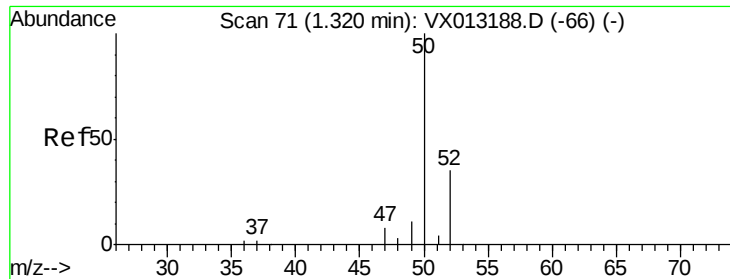
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Time-->

1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 48.295 ug/l

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VX013200.D

Acq: 24 Oct 2019 10:00

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 70336

Ion Ratio Lower Upper

50 100

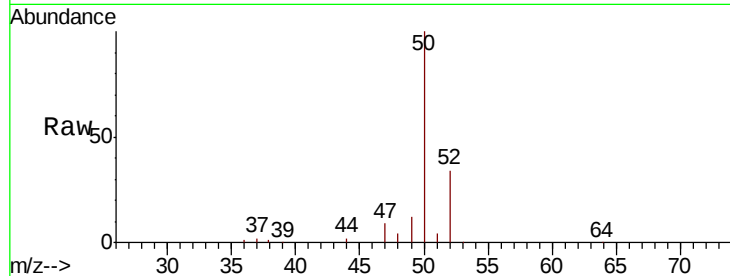
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Manual Integrations

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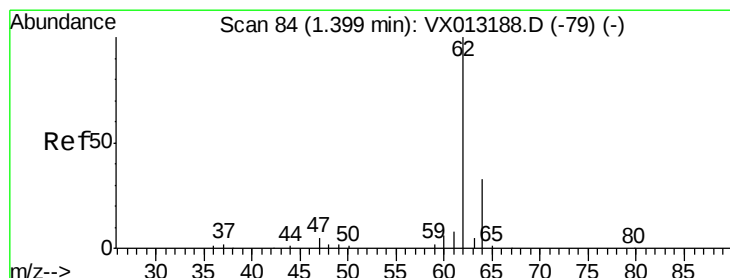
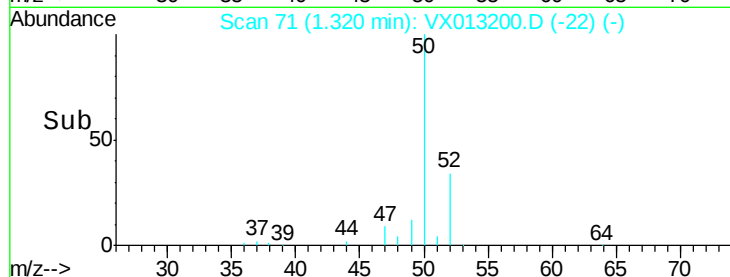
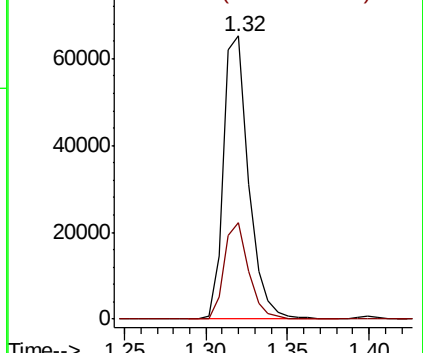
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 46.926 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX013200.D

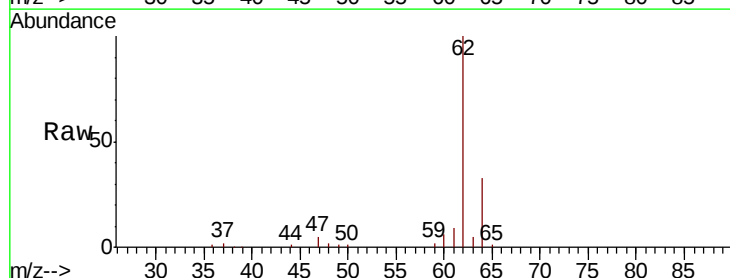
Acq: 24 Oct 2019 10:00

Tgt Ion: 62 Resp: 74738

Ion Ratio Lower Upper

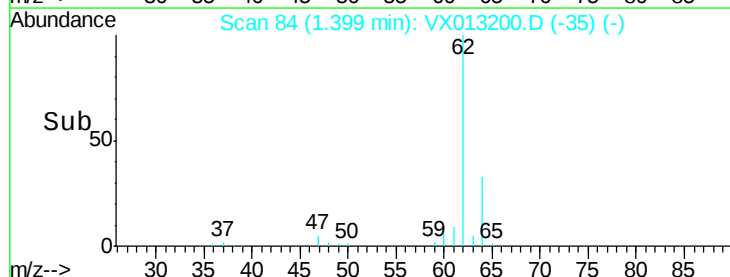
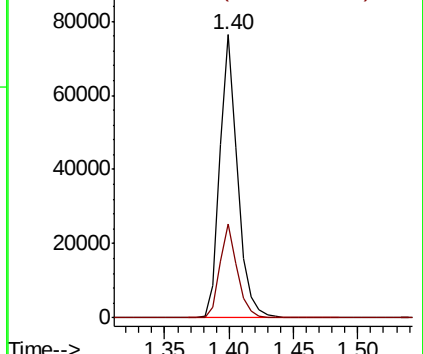
62 100

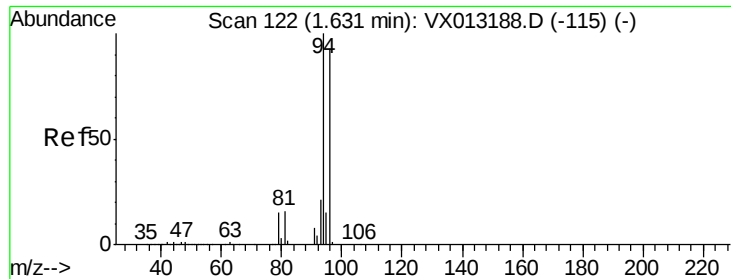
64 33.0 26.4 39.6



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 43.994 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.00 min

Lab File: VX013200.D

Acq: 24 Oct 2019 10:00

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 37138

Ion Ratio Lower Upper

94 100

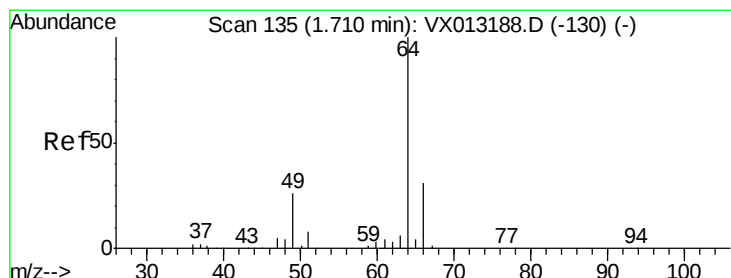
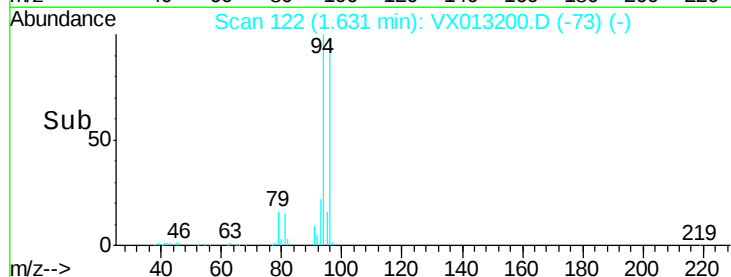
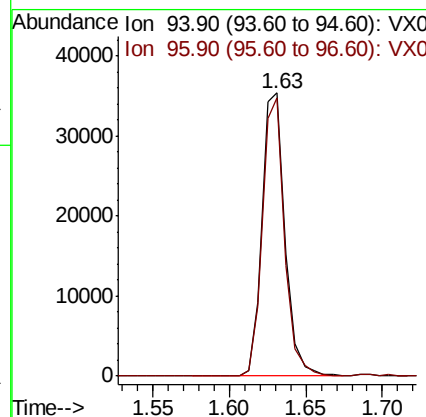
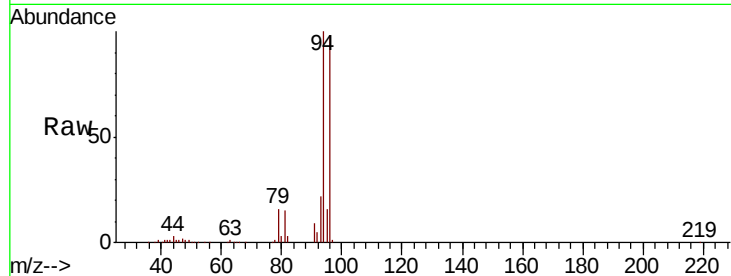
96 98.4 74.2 111.2

Manual Integrations

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#6

Chloroethane

Concen: 53.115 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.00 min

Lab File: VX013200.D

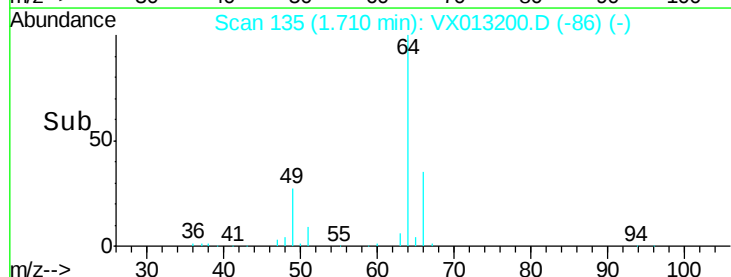
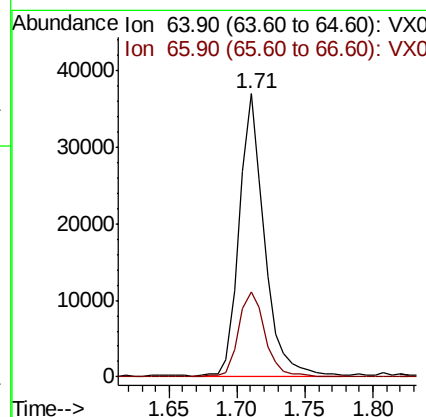
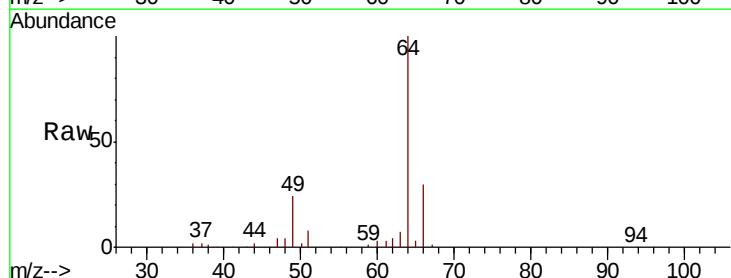
Acq: 24 Oct 2019 10:00

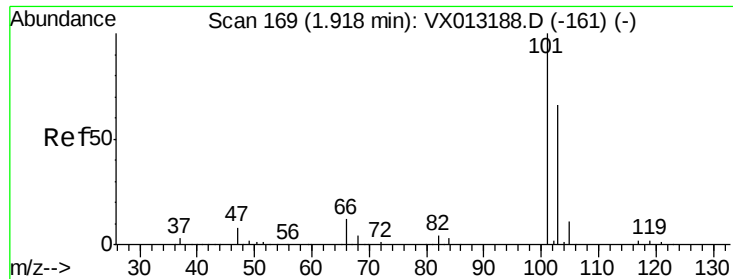
Tgt Ion: 64 Resp: 47200

Ion Ratio Lower Upper

64 100

66 30.1 25.0 37.6





#7

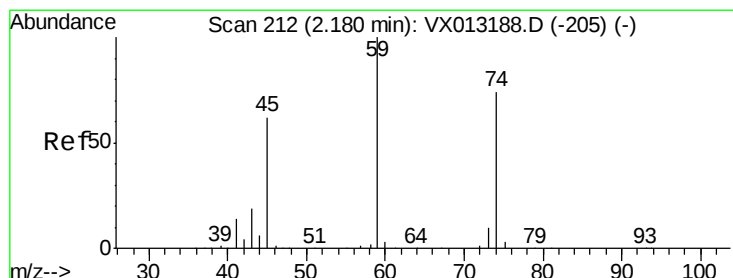
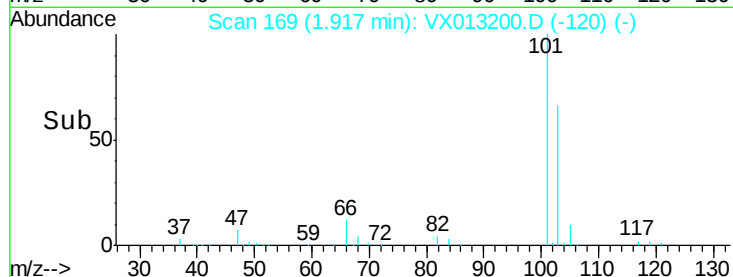
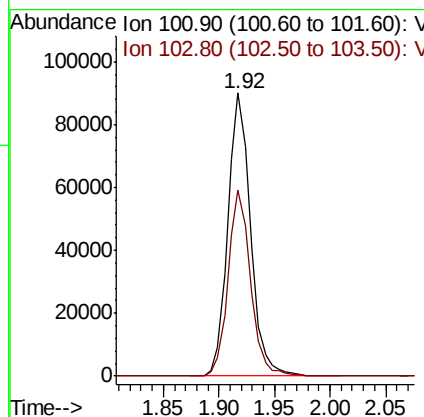
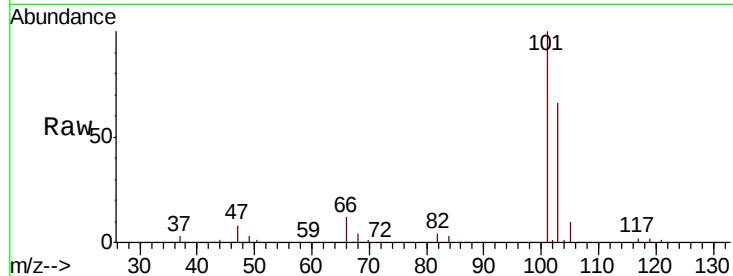
Trichlorofluoromethane  
 Concen: 50.571 ug/l  
 RT: 1.92 min Scan# 169  
 Delta R.T. 0.00 min  
 Lab File: VX013200.D  
 Acq: 24 Oct 2019 10:00

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 101     | 100   |       |       |
| 103     | 65.7  | 53.0  | 79.6  |

Manual Integrations  
 APPROVED

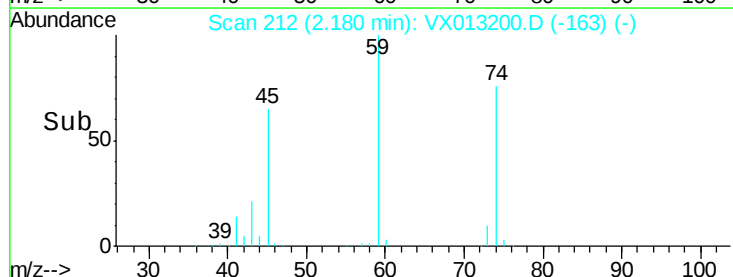
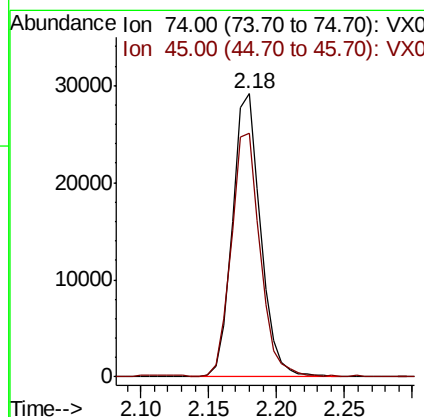
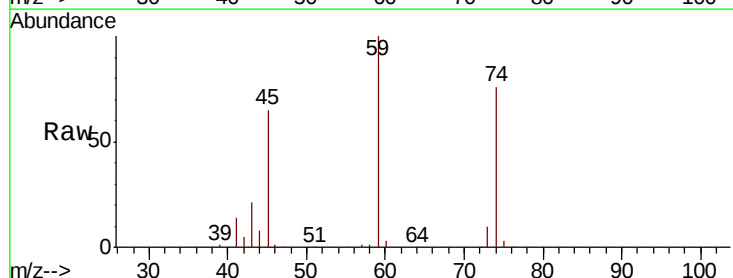
MMDadoda  
 10/28/2019 12:53:24 PM

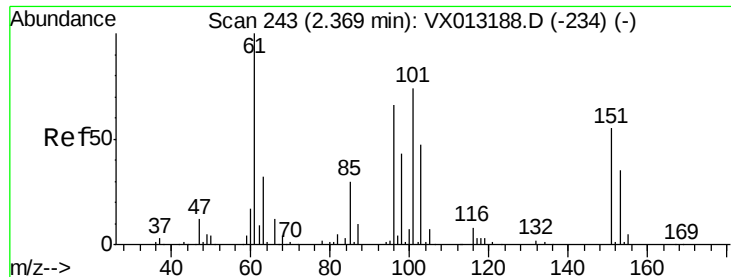


#8

Diethyl Ether  
 Concen: 48.775 ug/l  
 RT: 2.18 min Scan# 212  
 Delta R.T. -0.00 min  
 Lab File: VX013200.D  
 Acq: 24 Oct 2019 10:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 74      | 100   |       |       |
| 45      | 88.9  | 44.8  | 134.3 |





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.722 ug/l

RT: 2.37 min Scan# 243

Delta R.T. -0.00 min

Lab File: VX013200.D

Acq: 24 Oct 2019 10:00

Instrument :

MSVOA\_X

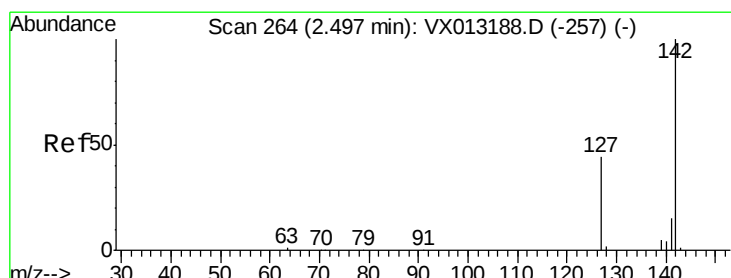
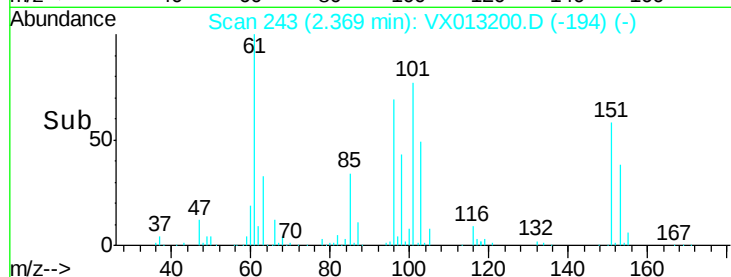
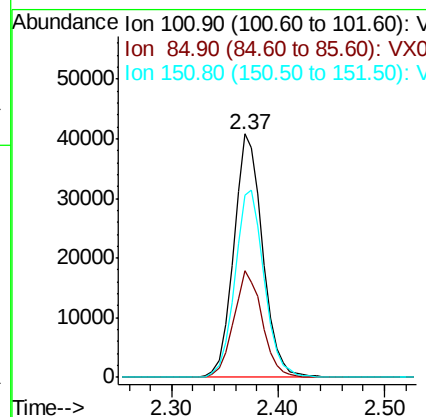
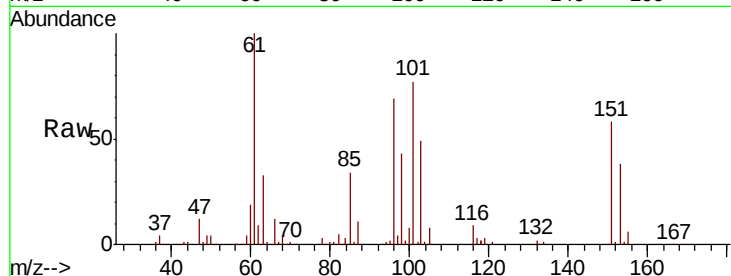
ClientSampleId :

VSTDCCC050

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 101   | Resp: | 77389 |
| Ion Ratio | Lower | Upper |       |
| 101       | 100   |       |       |
| 85        | 43.3  | 34.0  | 51.0  |
| 151       | 78.0  | 62.0  | 93.0  |

Manual Integrations  
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10/28/2019 12:53:24 PM



#10

Methyl Iodide

Concen: 47.200 ug/l

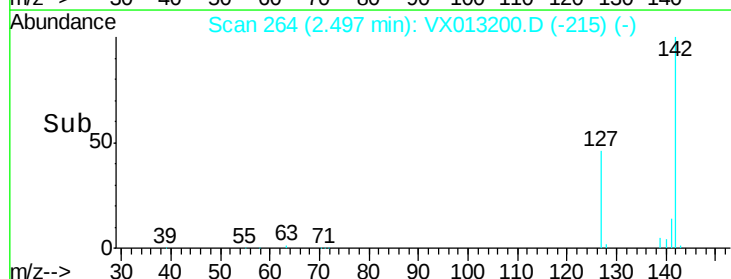
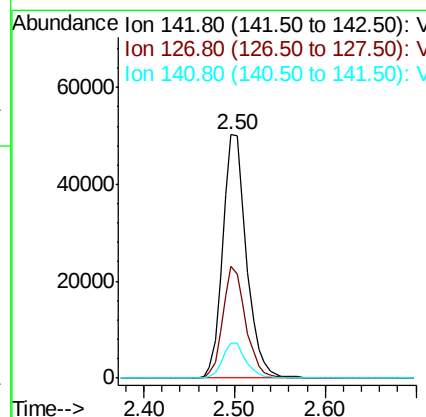
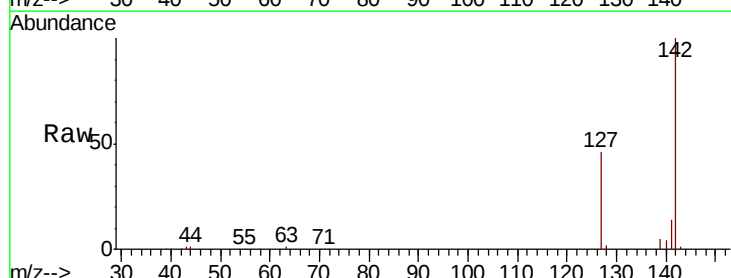
RT: 2.50 min Scan# 264

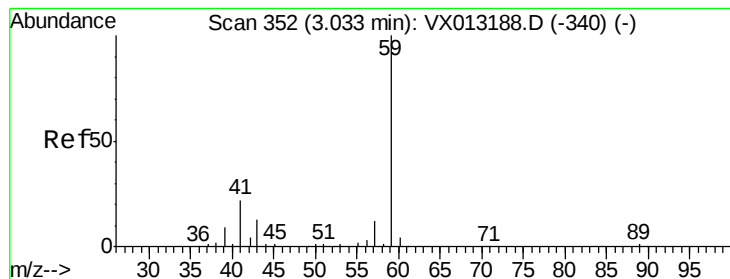
Delta R.T. 0.00 min

Lab File: VX013200.D

Acq: 24 Oct 2019 10:00

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 142   | Resp: | 92136 |
| Ion Ratio | Lower | Upper |       |
| 142       | 100   |       |       |
| 127       | 44.2  | 35.6  | 53.4  |
| 141       | 14.3  | 11.6  | 17.4  |





#11

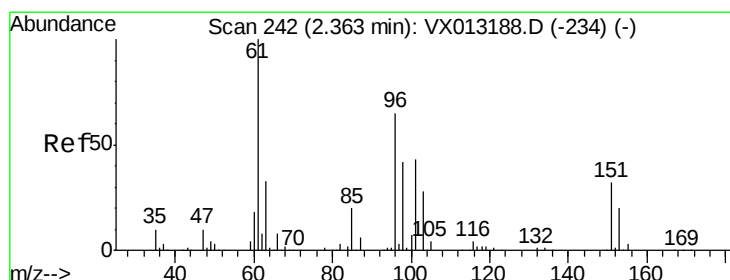
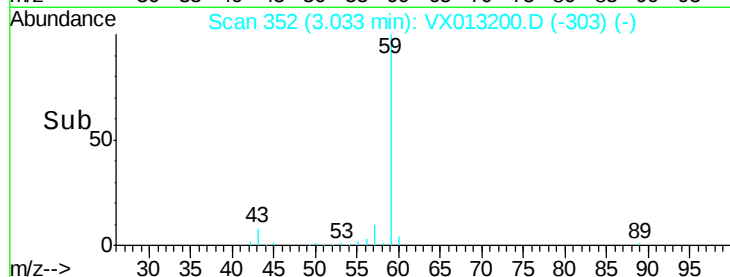
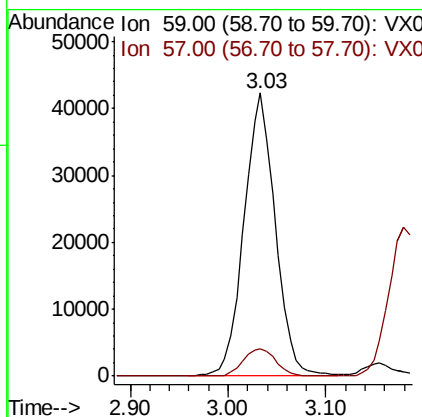
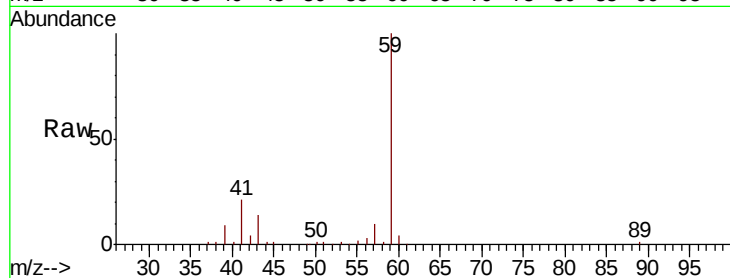
Tert butyl alcohol  
Concen: 235.658 ug/l  
RT: 3.03 min Scan# 352  
Delta R.T. 0.00 min  
Lab File: VX013200.D  
Acq: 24 Oct 2019 10:00

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 59      | 100   |       |       |
| 57      | 10.0  | 8.2   | 12.4  |

Manual Integrations  
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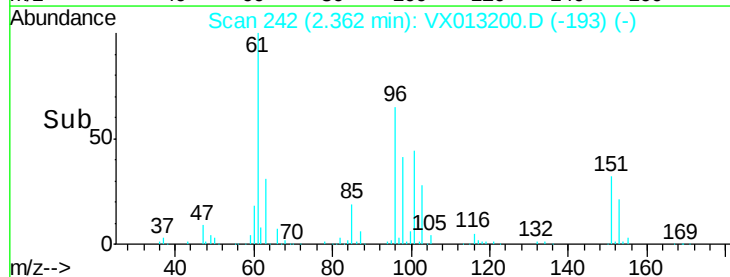
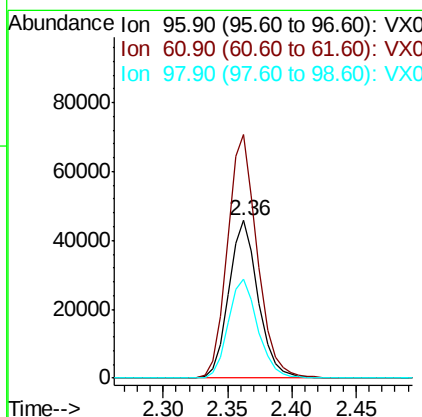
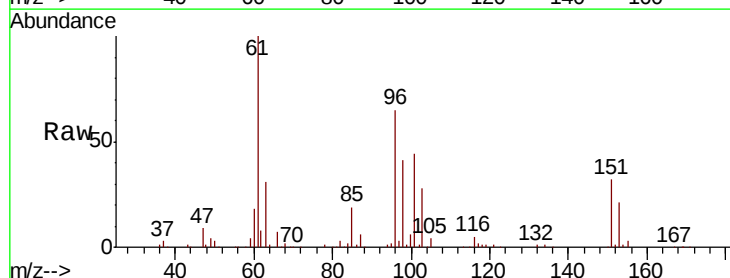
MMDadoda  
10/28/2019 12:53:24 PM

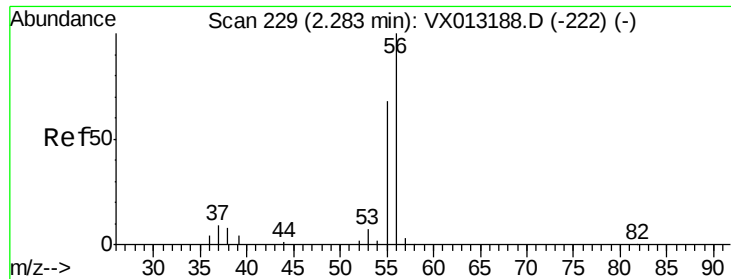


#12

1,1-Dichloroethene  
Concen: 48.728 ug/l  
RT: 2.36 min Scan# 242  
Delta R.T. -0.00 min  
Lab File: VX013200.D  
Acq: 24 Oct 2019 10:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 154.4 | 123.8 | 185.8 |
| 98      | 62.7  | 51.6  | 77.4  |





#13

Acrolein

Concen: 230.354 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.00 min

Lab File: VX013200.D

Acq: 24 Oct 2019 10:00

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 49578

Ion Ratio Lower Upper

56 100

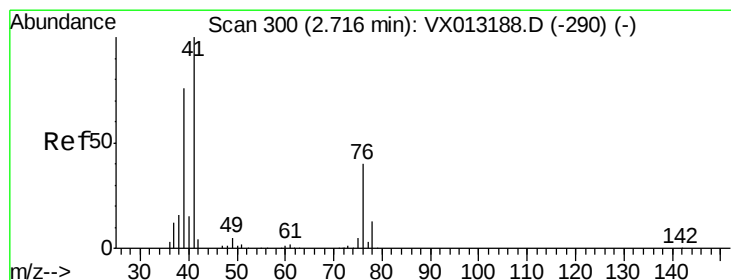
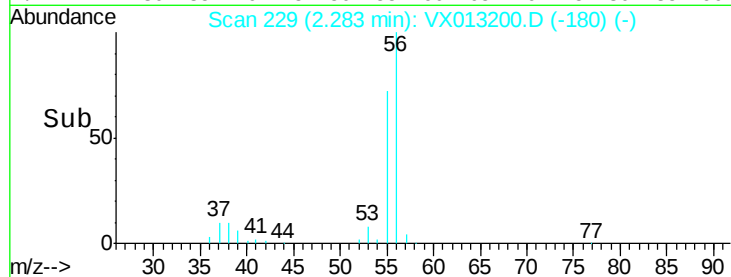
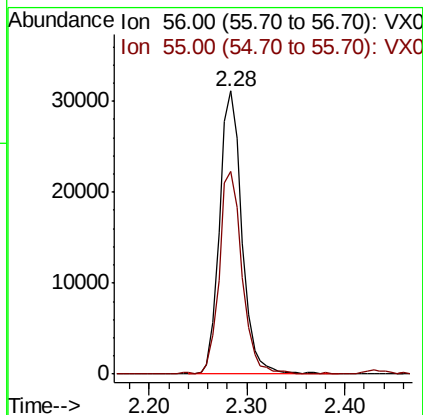
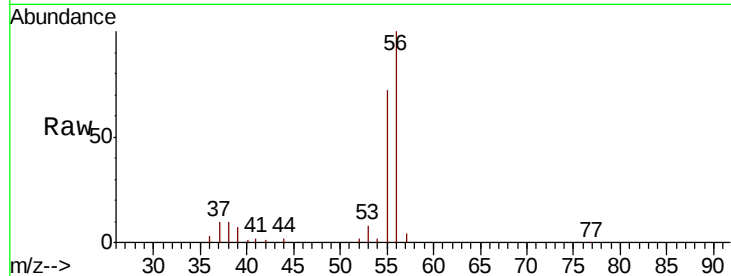
55 72.8 58.9 88.3

Manual Integrations

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MMDadoda

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#14

Allyl chloride

Concen: 47.894 ug/l

RT: 2.72 min Scan# 300

Delta R.T. -0.00 min

Lab File: VX013200.D

Acq: 24 Oct 2019 10:00

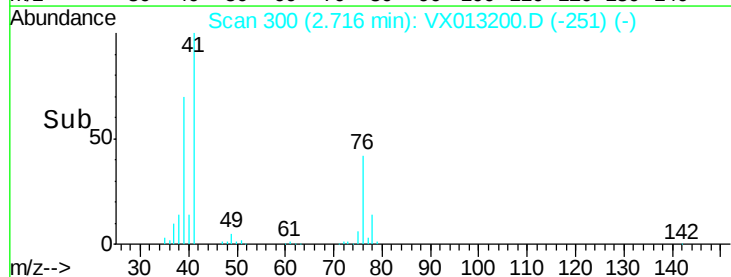
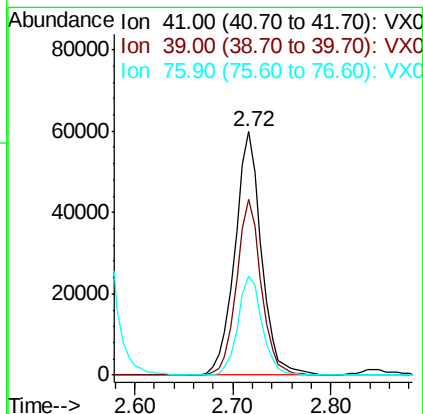
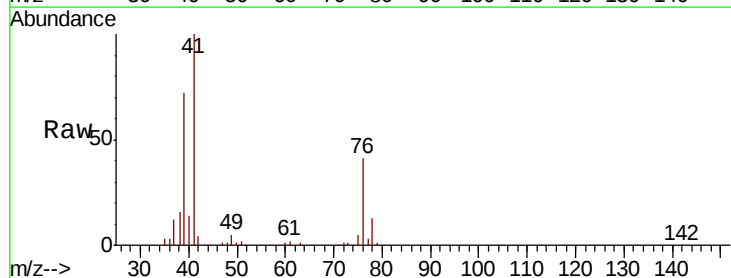
Tgt Ion: 41 Resp: 112655

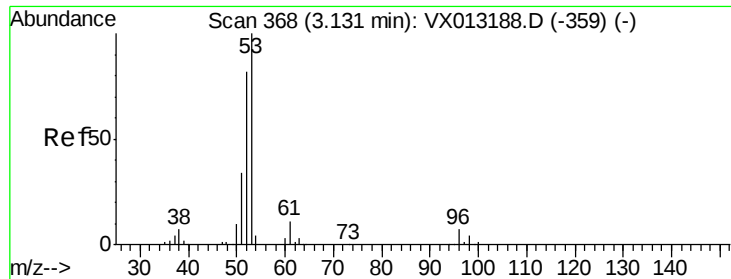
Ion Ratio Lower Upper

41 100

39 67.6 54.6 81.8

76 37.4 29.8 44.6





#15

Acrylonitrile

Concen: 234.392 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.00 min

Lab File: VX013200.D

Acq: 24 Oct 2019 10:00

Instrument :

MSVOA\_X

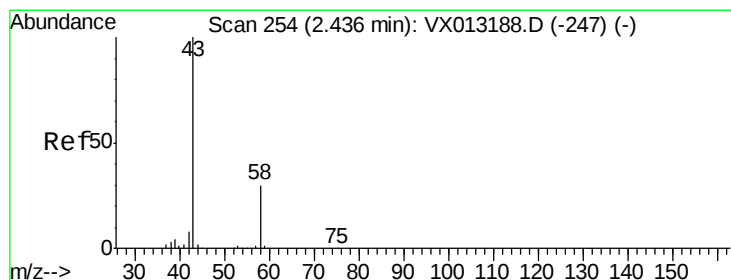
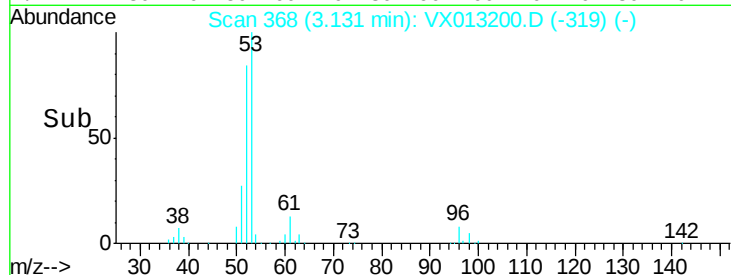
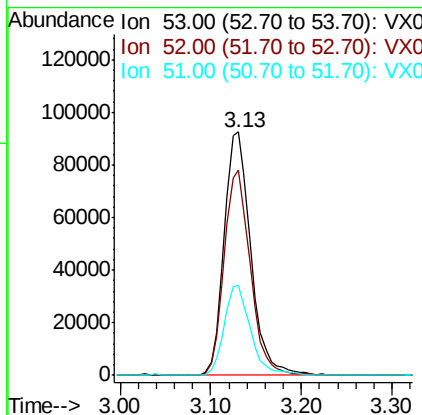
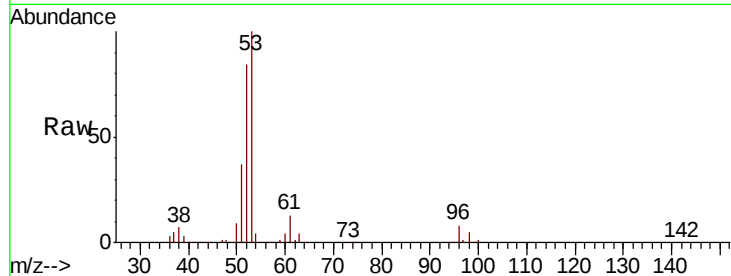
ClientSampleId :

VSTDCCC050

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 53    | Resp: | 189522 |
| Ion      | Ratio | Lower | Upper  |
| 53       | 100   |       |        |
| 52       | 83.3  | 66.4  | 99.6   |
| 51       | 37.0  | 29.4  | 44.2   |

Manual Integrations  
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#16

Acetone

Concen: 290.120 ug/l

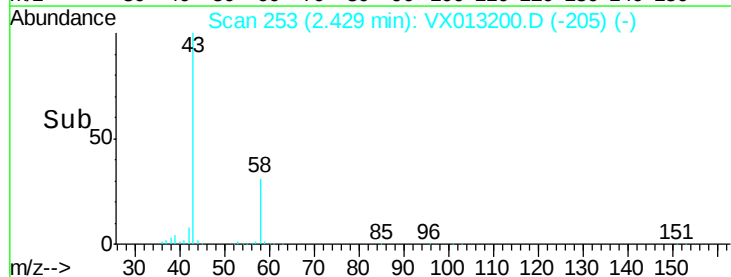
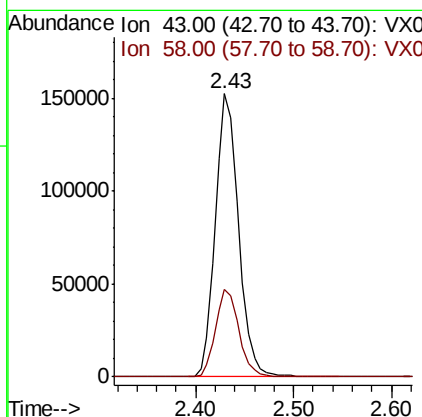
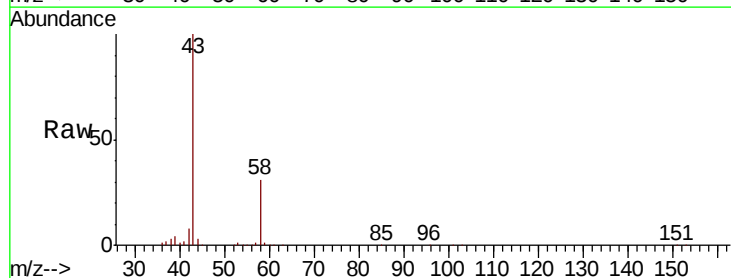
RT: 2.43 min Scan# 253

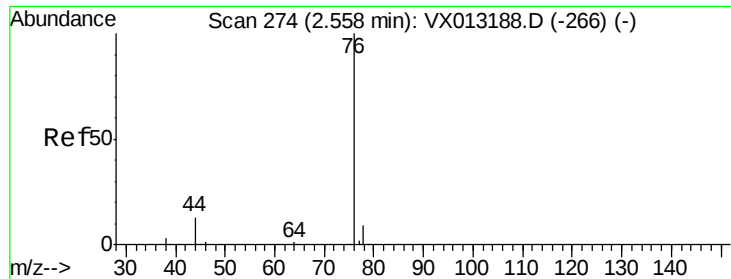
Delta R.T. -0.01 min

Lab File: VX013200.D

Acq: 24 Oct 2019 10:00

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 43    | Resp: | 250731 |
| Ion      | Ratio | Lower | Upper  |
| 43       | 100   |       |        |
| 58       | 31.1  | 23.8  | 35.6   |





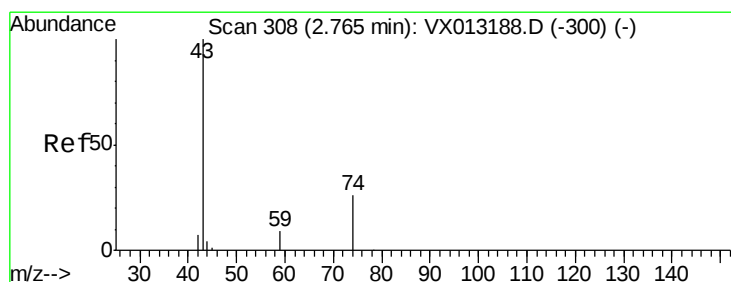
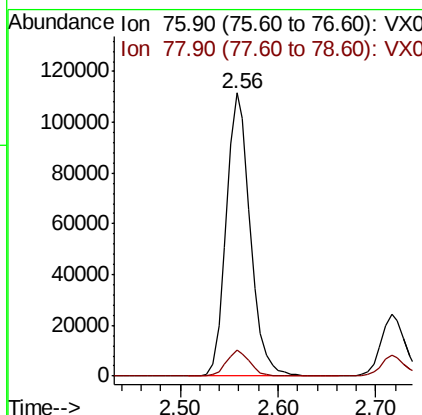
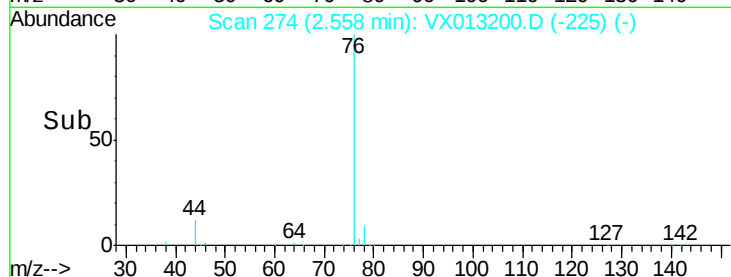
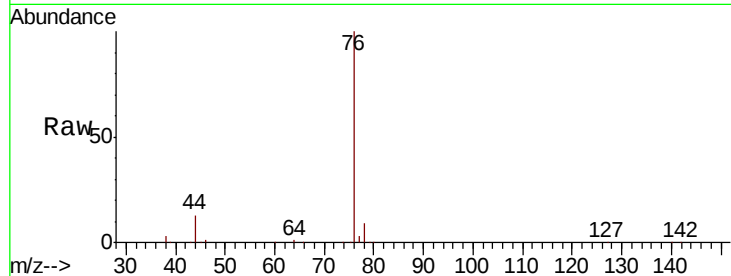
#17  
Carbon Disulfide  
Concen: 46.989 ug/l  
RT: 2.56 min Scan# 274  
Delta R.T. -0.00 min  
Lab File: VX013200.D  
Acq: 24 Oct 2019 10:00

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

Tot Ion: 76 Resp: 188745  
Ion Ratio Lower Upper  
76 100  
78 9.2 7.4 11.2

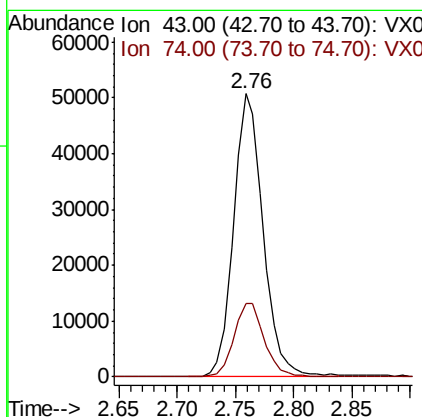
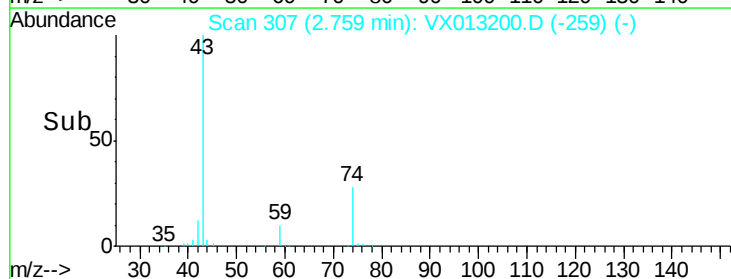
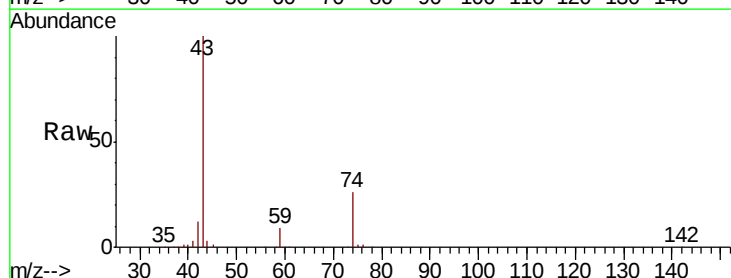
Manual Integrations  
APPROVED

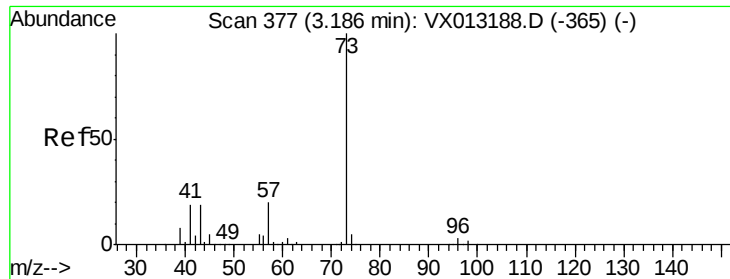
MMDadoda  
10/28/2019 12:53:24 PM



#18  
Methyl Acetate  
Concen: 47.613 ug/l  
RT: 2.76 min Scan# 307  
Delta R.T. -0.01 min  
Lab File: VX013200.D  
Acq: 24 Oct 2019 10:00

Tgt Ion: 43 Resp: 89762  
Ion Ratio Lower Upper  
43 100  
74 26.8 20.9 31.3





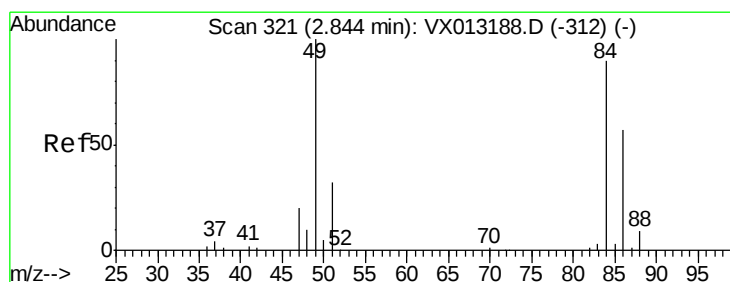
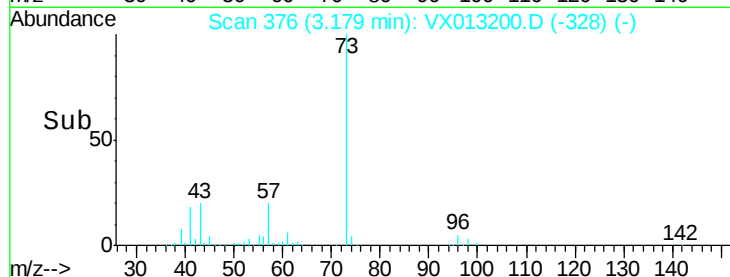
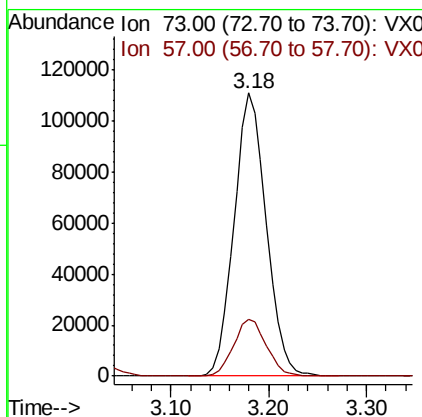
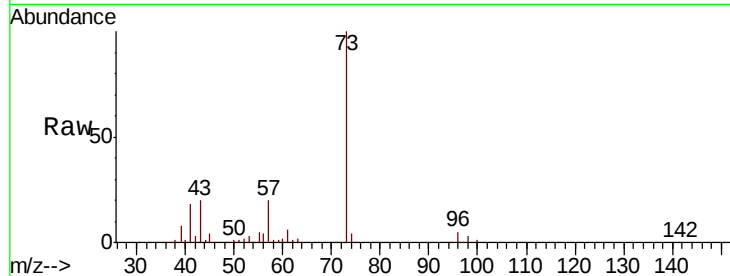
#19  
Methvl tert-butvl Ether  
Concen: 48.179 ug/l  
RT: 3.18 min Scan# 376  
Delta R.T. -0.01 min  
Lab File: VX013200.D  
Acq: 24 Oct 2019 10:00

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

Tot Ion: 73 Resp: 253486  
Ion Ratio Lower Upper  
73 100  
57 20.0 15.8 23.8

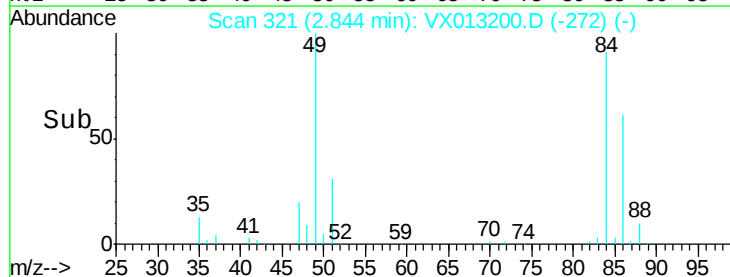
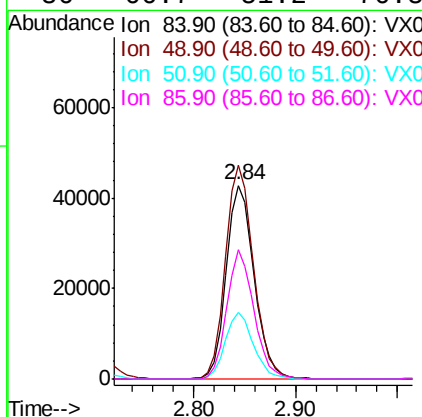
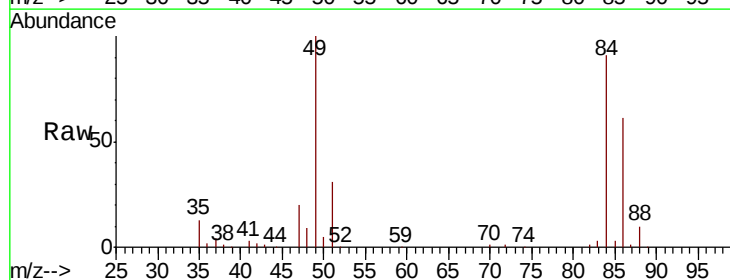
Manual Integrations  
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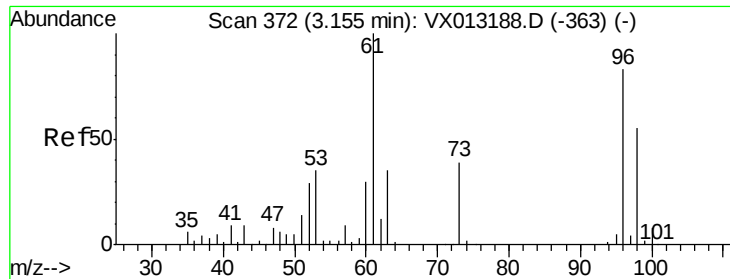
MMDadoda  
10/28/2019 12:53:24 PM



#20  
Methylene Chloride  
Concen: 50.165 ug/l  
RT: 2.84 min Scan# 321  
Delta R.T. 0.00 min  
Lab File: VX013200.D  
Acq: 24 Oct 2019 10:00

Tgt Ion: 84 Resp: 81076  
Ion Ratio Lower Upper  
84 100  
49 110.2 89.2 133.8  
51 34.2 28.8 43.2  
86 66.7 51.2 76.8





#21

trans-1,2-Dichloroethene

Concen: 50.583 ug/l

RT: 3.15 min Scan# 372

Delta R.T. -0.00 min

Lab File: VX013200.D

Acq: 24 Oct 2019 10:00

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

Tot Ion: 96 Resp: 78642

Ion Ratio Lower Upper

96 100

61 127.8 96.9 145.3

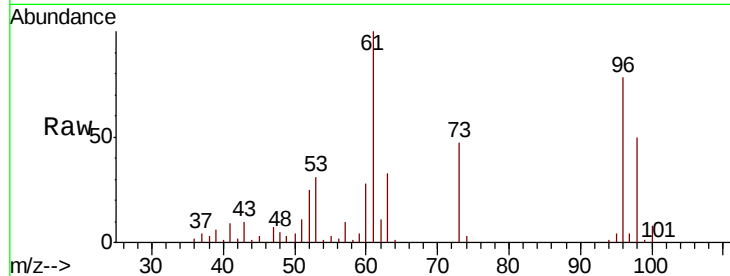
98 63.6 53.0 79.4

Manual Integrations

APPROVED

MMDadoda

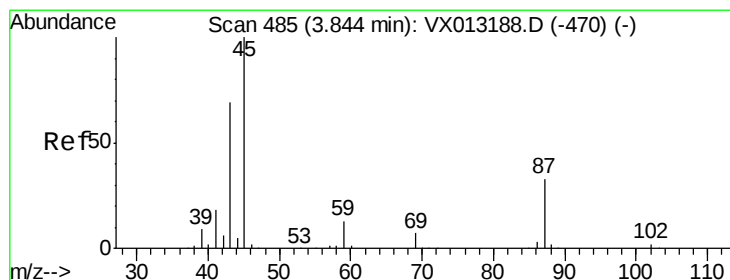
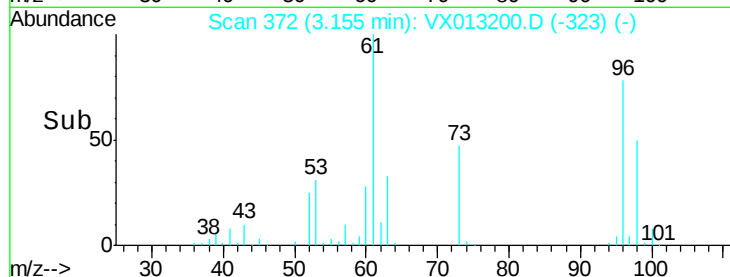
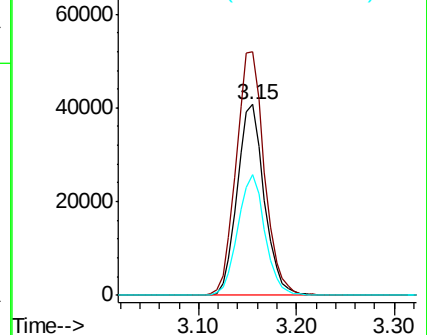
10/28/2019 12:53:24 PM



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 48.531 ug/l

RT: 3.84 min Scan# 484

Delta R.T. -0.01 min

Lab File: VX013200.D

Acq: 24 Oct 2019 10:00

Tgt Ion: 45 Resp: 223201

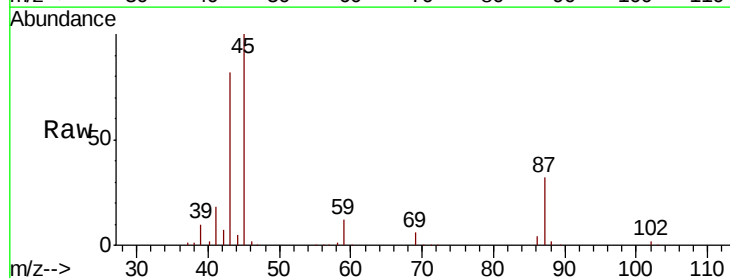
Ion Ratio Lower Upper

45 100

43 81.1 55.5 83.3

87 31.6 26.7 40.1

59 11.8 10.2 15.2

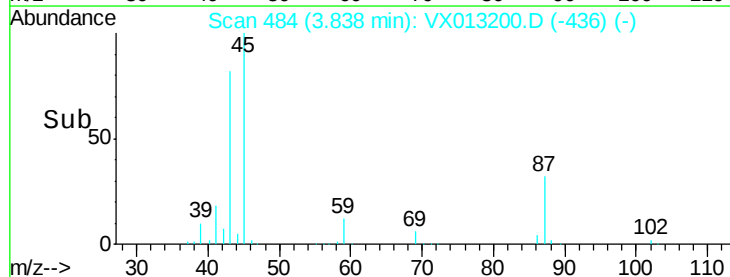
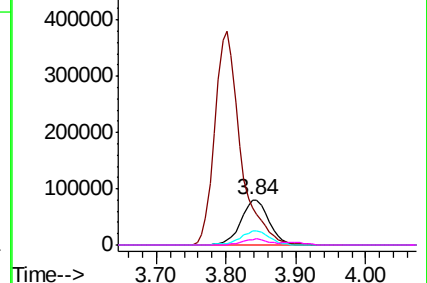


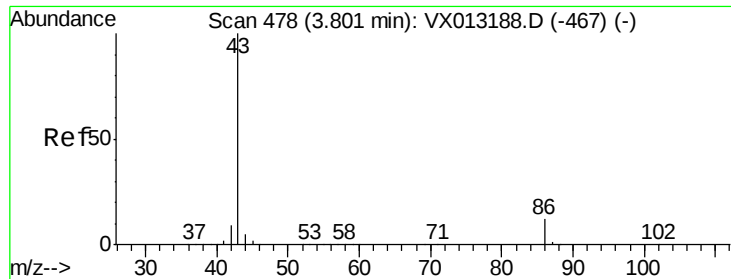
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 248.354 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.00 min

Lab File: VX013200.D

Acq: 24 Oct 2019 10:00

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 970832

Ion Ratio Lower Upper

43 100

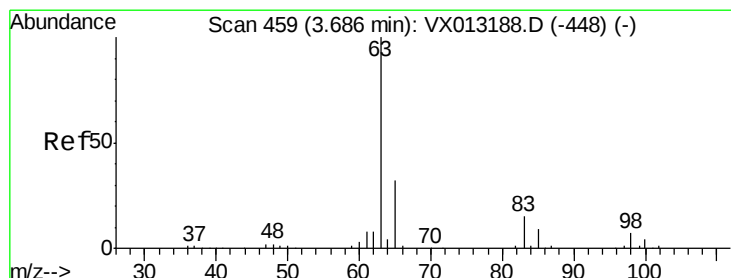
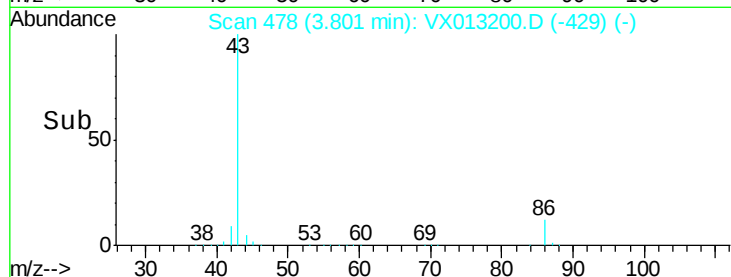
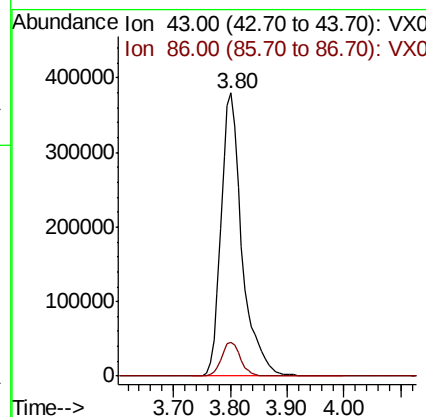
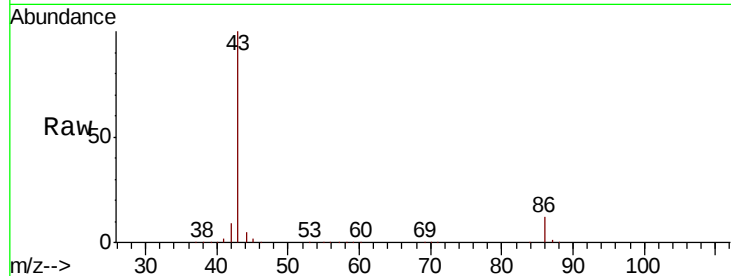
86 11.7 9.7 14.5

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#24

1,1-Dichloroethane

Concen: 48.133 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.00 min

Lab File: VX013200.D

Acq: 24 Oct 2019 10:00

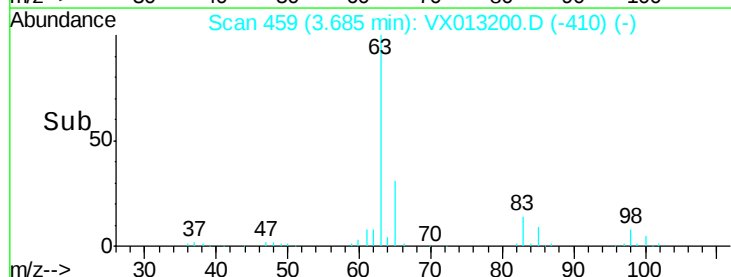
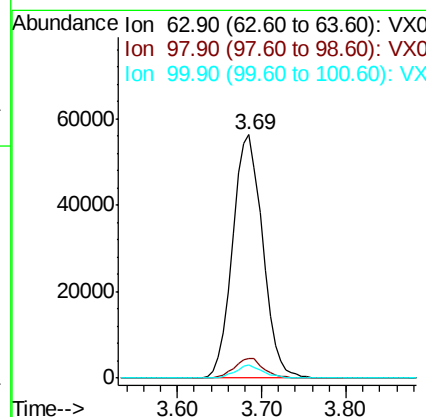
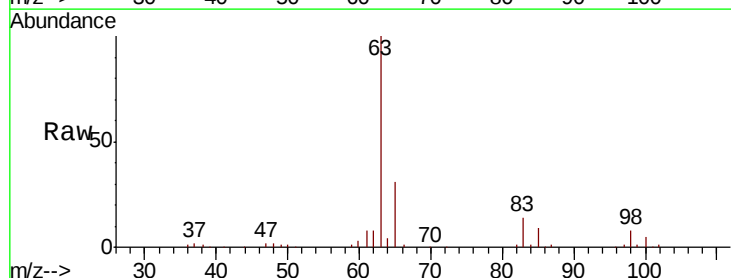
Tgt Ion: 63 Resp: 136163

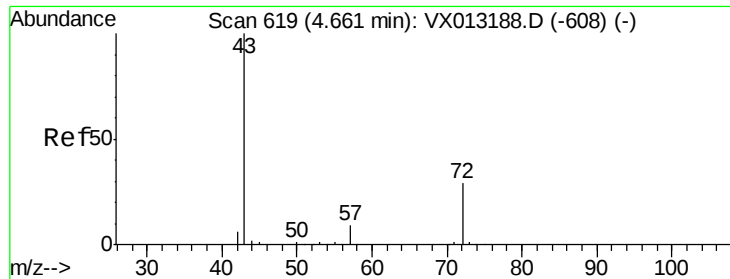
Ion Ratio Lower Upper

63 100

98 7.9 3.8 11.2

100 5.2 2.2 6.6





#25

2-Butanone

Concen: 253.605 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.01 min

Lab File: VX013200.D

Acq: 24 Oct 2019 10:00

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 293933

Ion Ratio Lower Upper

43 100

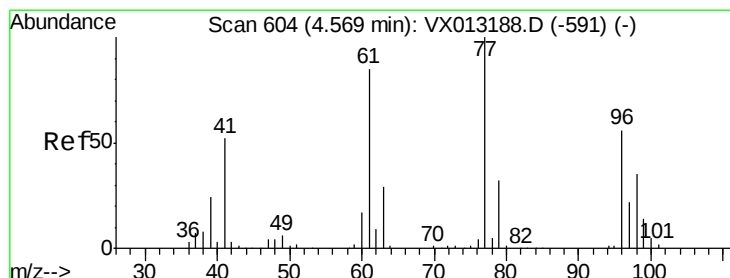
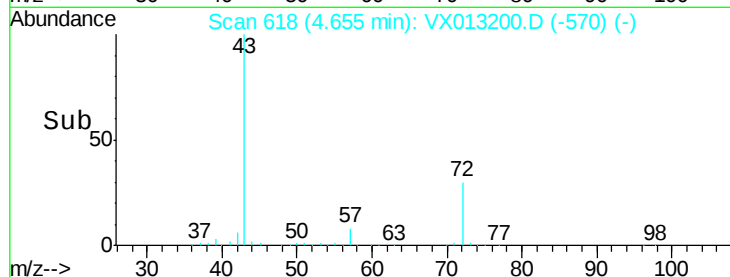
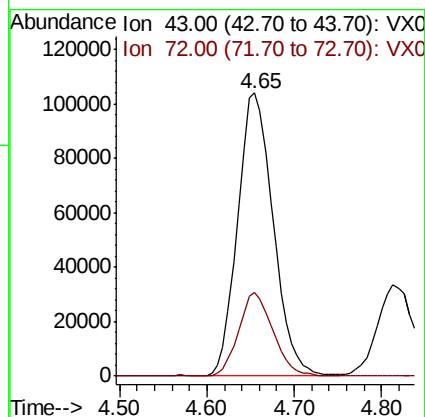
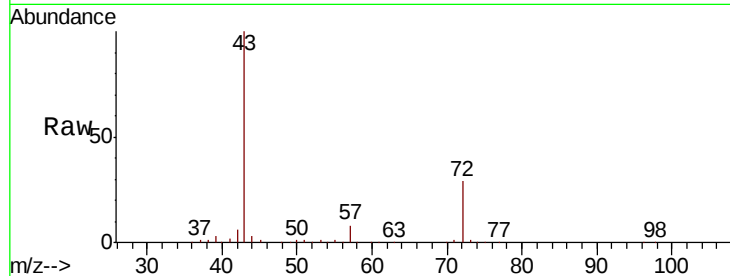
72 29.4 23.4 35.2

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 49.836 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.00 min

Lab File: VX013200.D

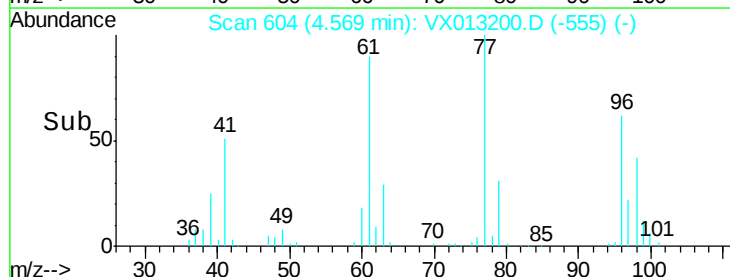
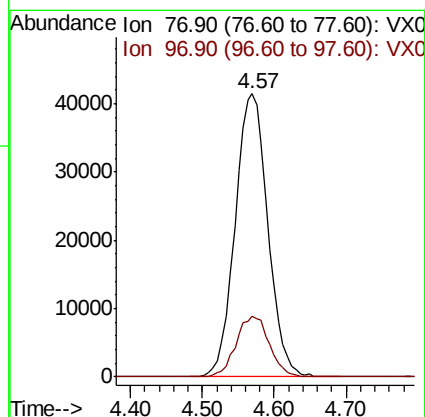
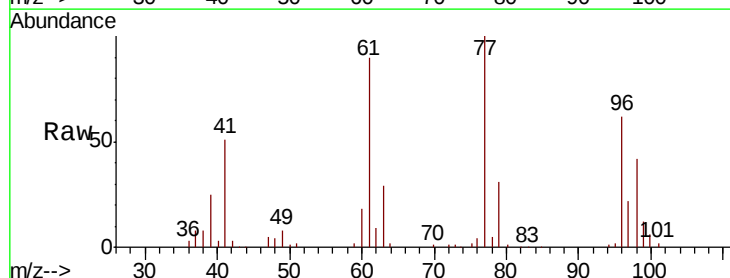
Acq: 24 Oct 2019 10:00

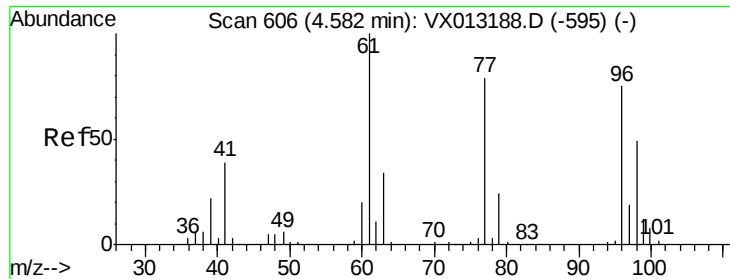
Tgt Ion: 77 Resp: 130293

Ion Ratio Lower Upper

77 100

97 21.9 10.9 32.6





#27

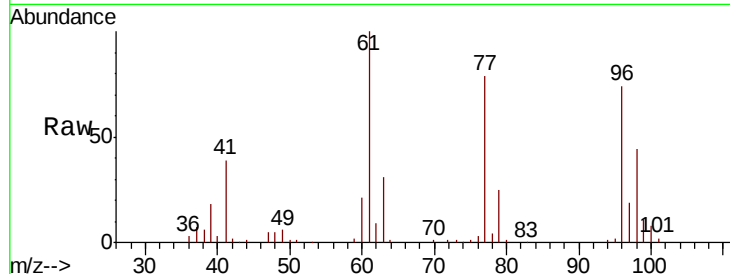
cis-1,2-Dichloroethene  
Concen: 48.220 ug/l  
RT: 4.58 min Scan# 606  
Delta R.T. -0.00 min  
Lab File: VX013200.D  
Acq: 24 Oct 2019 10:00

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 141.8 | 0.0   | 290.4 |
| 98      | 65.0  | 0.0   | 130.4 |

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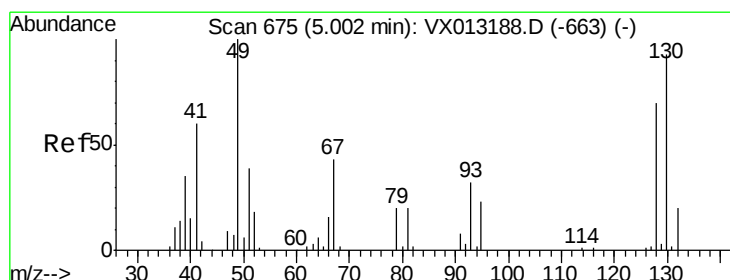
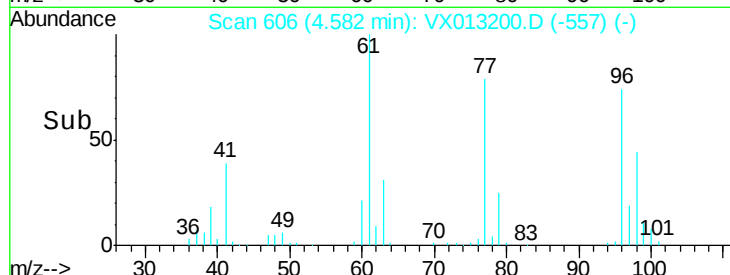
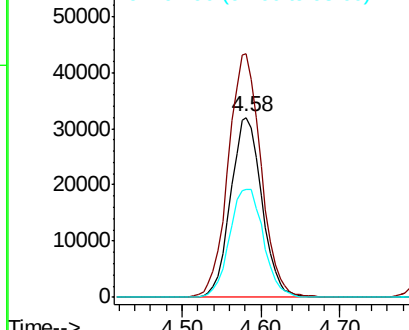


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

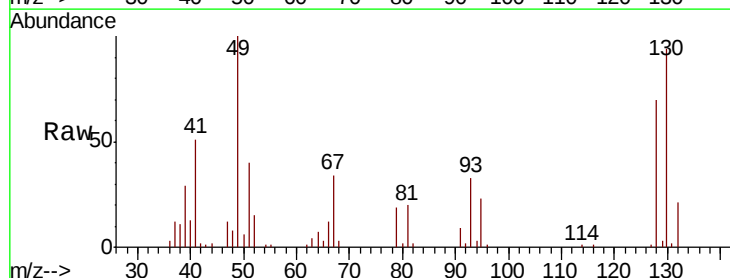
Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane  
Concen: 52.114 ug/l  
RT: 5.00 min Scan# 674  
Delta R.T. -0.01 min  
Lab File: VX013200.D  
Acq: 24 Oct 2019 10:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 49      | 100   |       |       |
| 129     | 1.3   | 0.0   | 4.8   |
| 130     | 90.4  | 71.8  | 107.8 |

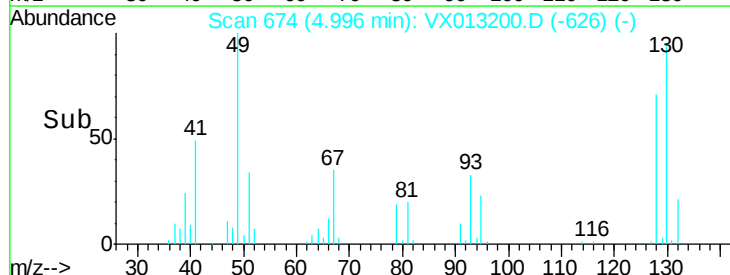
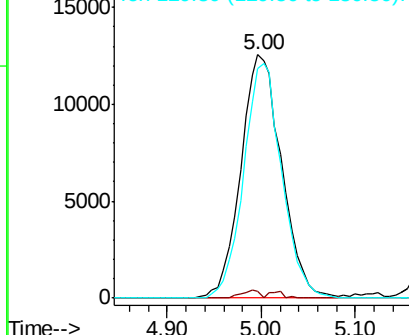


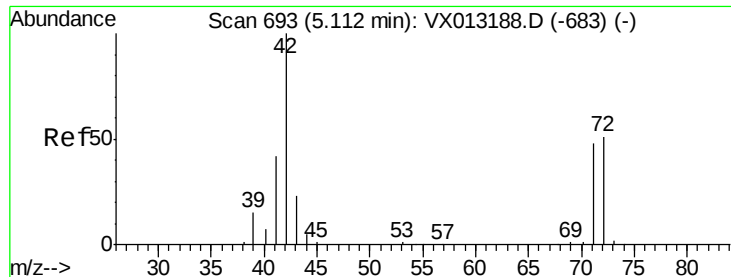
Abundance

Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





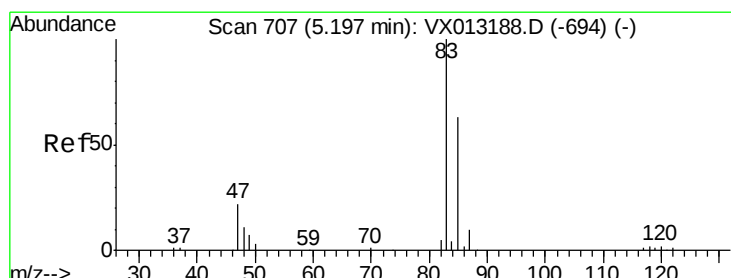
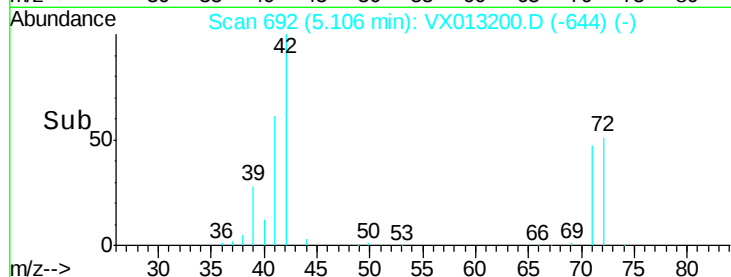
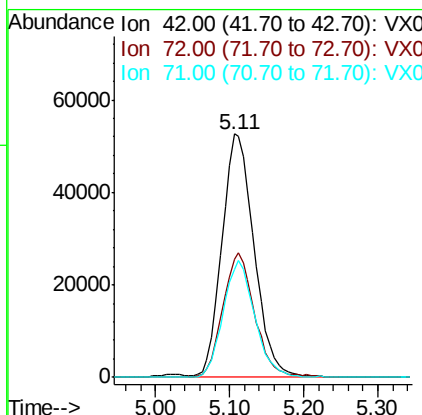
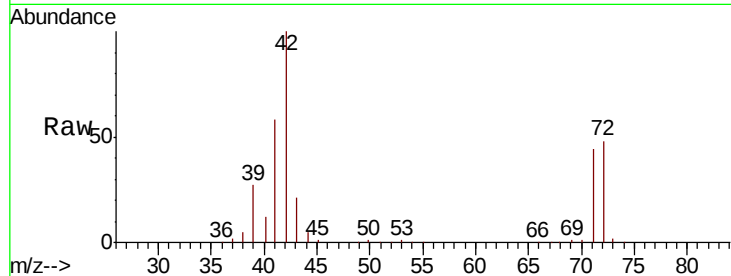
#29  
Tetrahydrofuran  
Concen: 226.403 ug/l  
RT: 5.11 min Scan# 692  
Delta R.T. -0.01 min  
Lab File: VX013200.D  
Acq: 24 Oct 2019 10:00

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 72      | 50.9  | 40.9  | 61.3  |
| 71      | 47.2  | 38.6  | 57.8  |

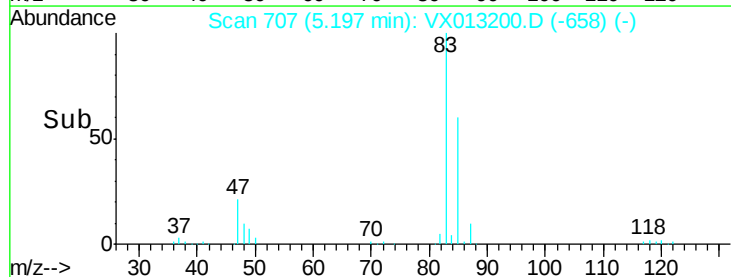
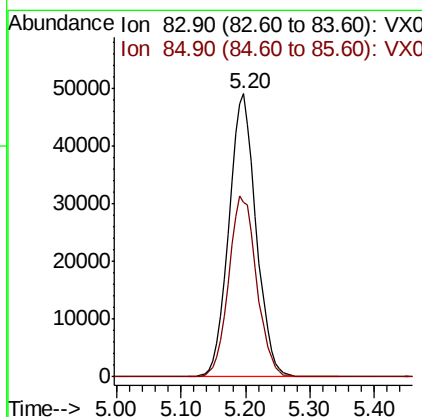
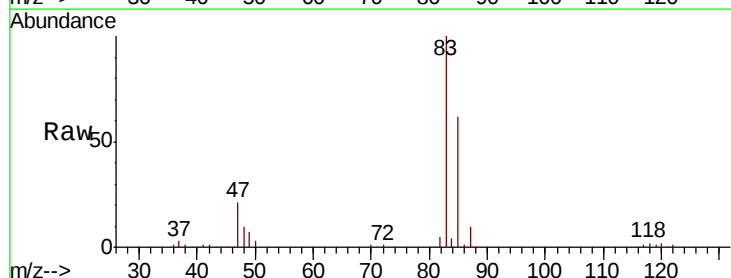
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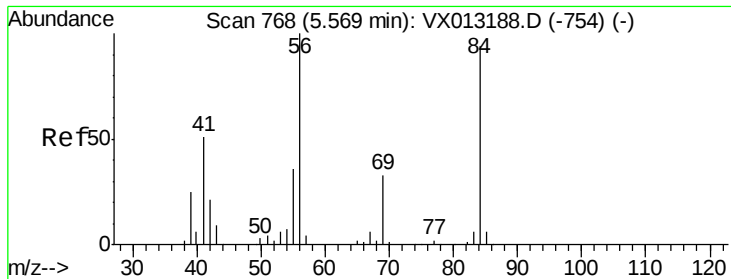
MMDadoda  
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#30  
Chloroform  
Concen: 48.240 ug/l  
RT: 5.20 min Scan# 707  
Delta R.T. -0.00 min  
Lab File: VX013200.D  
Acq: 24 Oct 2019 10:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 61.6  | 50.1  | 75.1  |





#31

Cyclohexane

Concen: 50.407 ug/l

RT: 5.57 min Scan# 768

Delta R.T. -0.00 min

Lab File: VX013200.D

Acq: 24 Oct 2019 10:00

Instrument :

MSVOA\_X

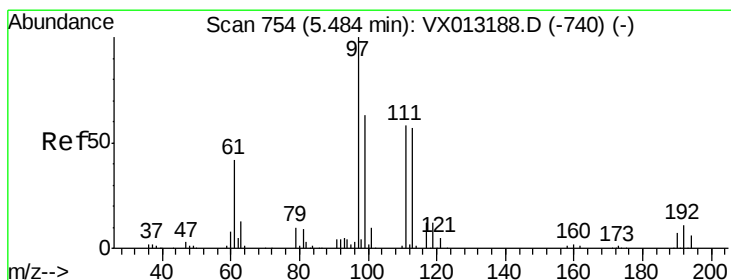
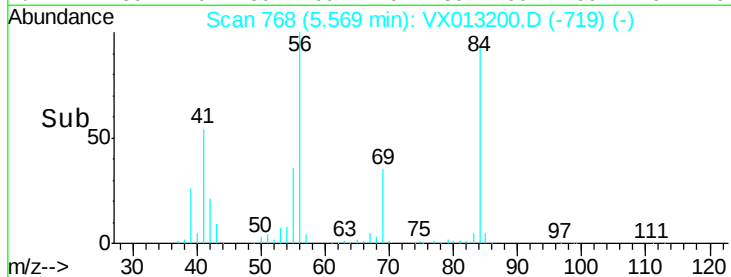
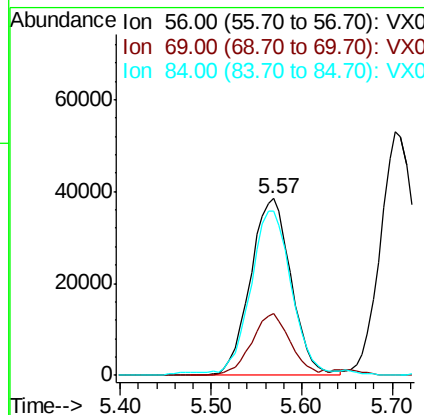
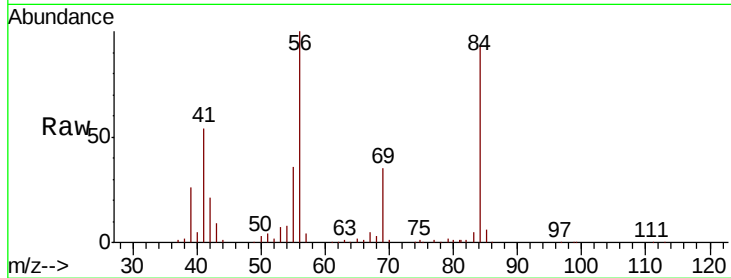
ClientSampleId :

VSTDCCC050

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 56    | Resp: | 119585 |
| Ion      | Ratio | Lower | Upper  |
| 56       | 100   |       |        |
| 69       | 35.2  | 26.3  | 39.5   |
| 84       | 91.1  | 73.8  | 110.6  |

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#32

1,1,1-Trichloroethane

Concen: 50.008 ug/l

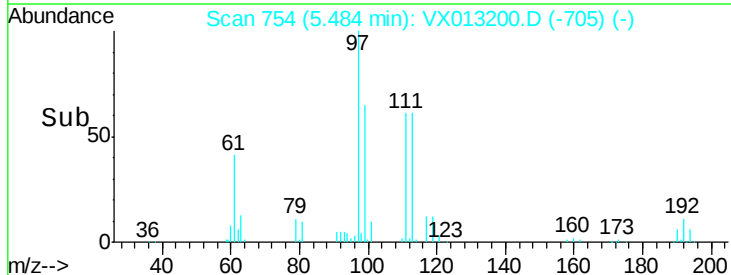
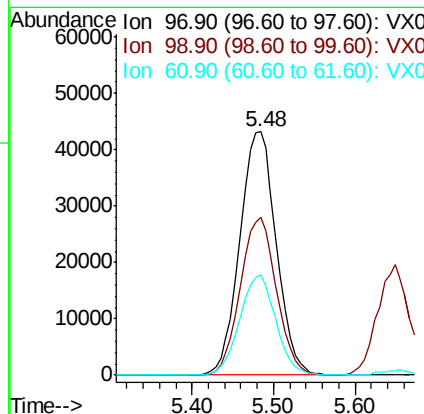
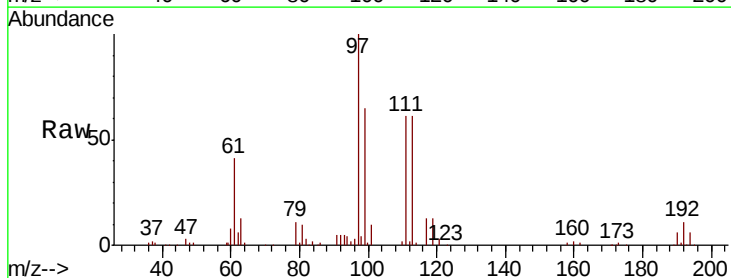
RT: 5.48 min Scan# 754

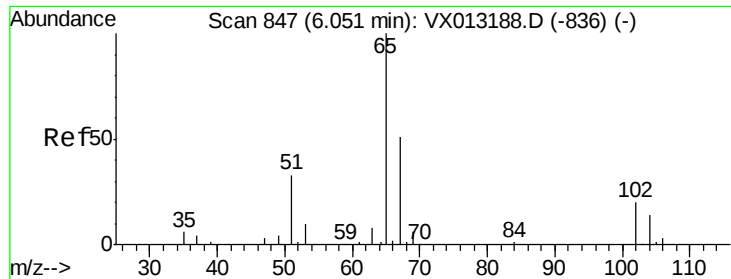
Delta R.T. -0.00 min

Lab File: VX013200.D

Acq: 24 Oct 2019 10:00

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 97    | Resp: | 133922 |
| Ion      | Ratio | Lower | Upper  |
| 97       | 100   |       |        |
| 99       | 64.4  | 50.8  | 76.2   |
| 61       | 40.9  | 32.8  | 49.2   |





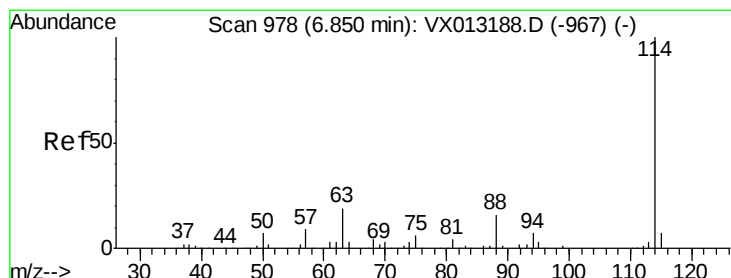
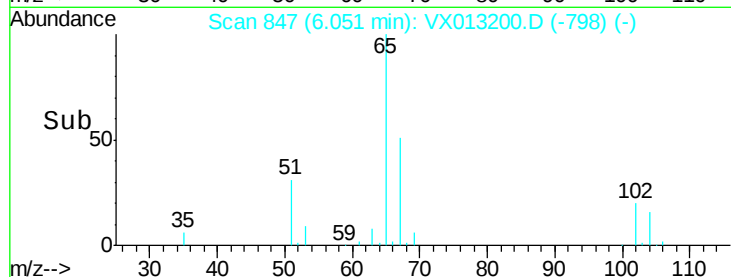
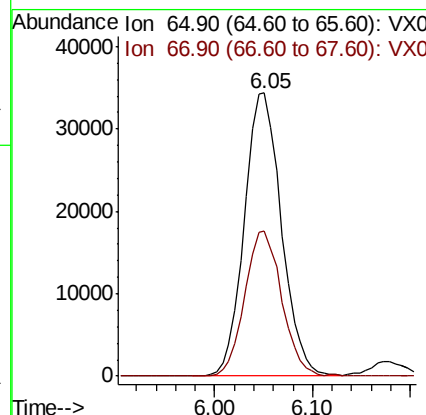
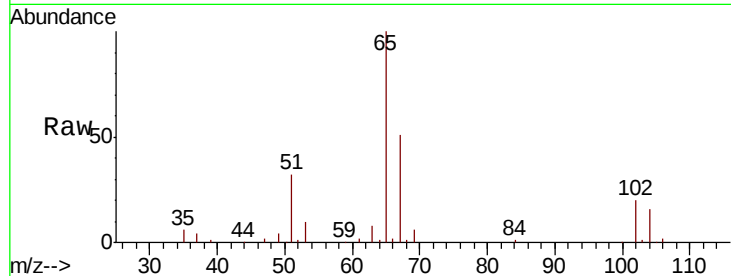
#33  
 1,2-Dichloroethane-d4  
 Concen: 49.325 ug/l  
 RT: 6.05 min Scan# 847  
 Delta R.T. -0.00 min  
 Lab File: VX013200.D  
 Acq: 24 Oct 2019 10:00

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 67      | 51.1  | 0.0   | 102.6 |

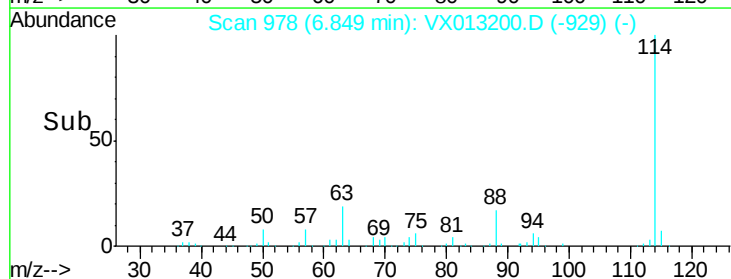
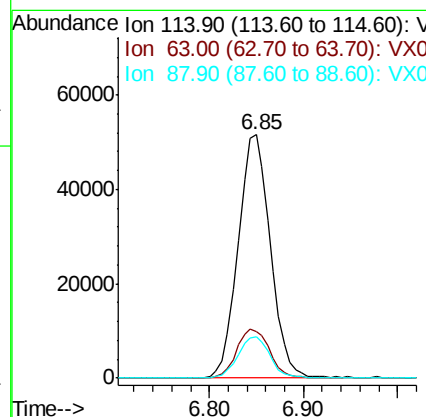
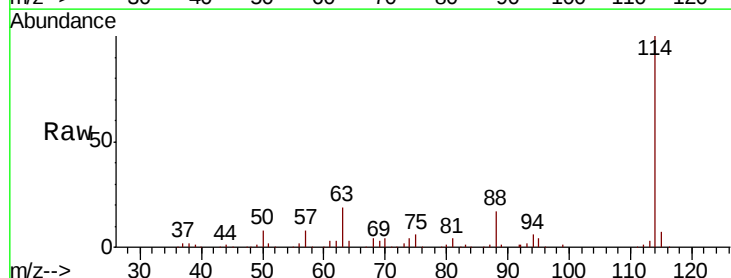
Manual Integrations  
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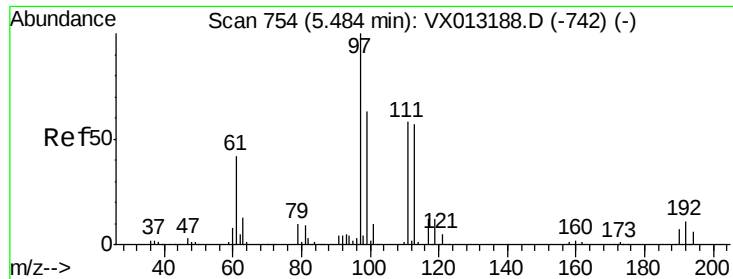
MMDadoda  
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#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 6.85 min Scan# 978  
 Delta R.T. -0.00 min  
 Lab File: VX013200.D  
 Acq: 24 Oct 2019 10:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 114     | 100   |       |       |
| 63      | 19.0  | 0.0   | 39.0  |
| 88      | 17.1  | 0.0   | 32.0  |





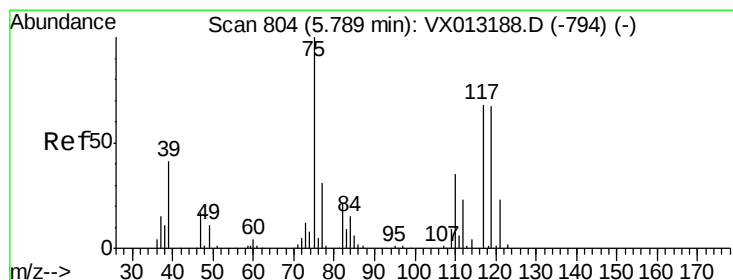
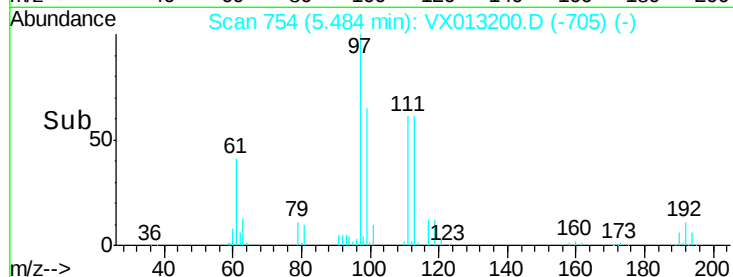
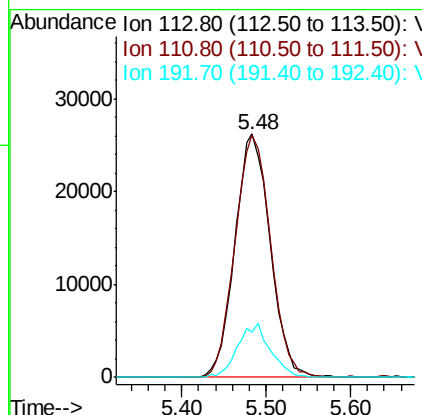
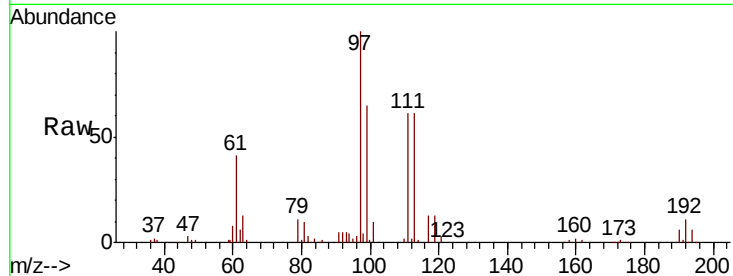
#35  
Dibromofluoromethane  
Concen: 53.946 ug/l  
RT: 5.48 min Scan# 754  
Delta R.T. -0.00 min  
Lab File: VX013200.D  
Acq: 24 Oct 2019 10:00

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 111     | 100.8 | 80.3  | 120.5 |
| 192     | 20.4  | 15.9  | 23.9  |

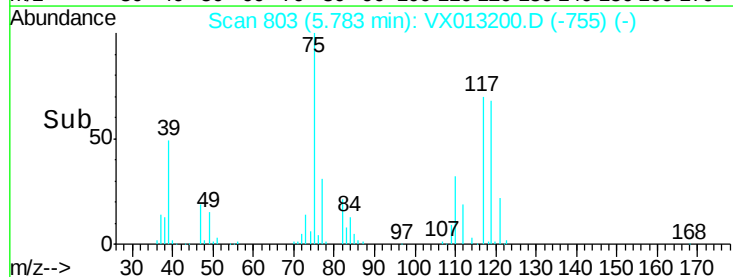
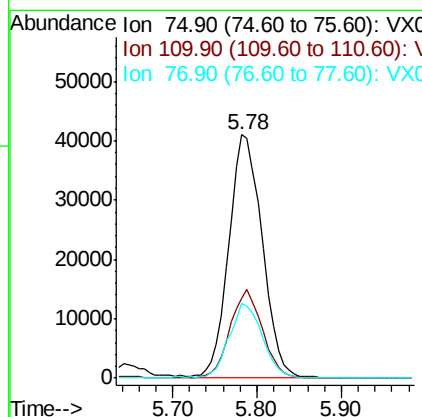
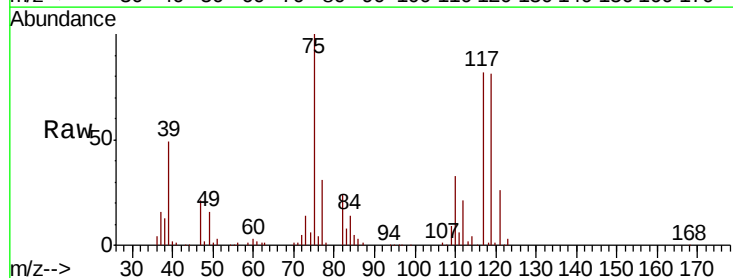
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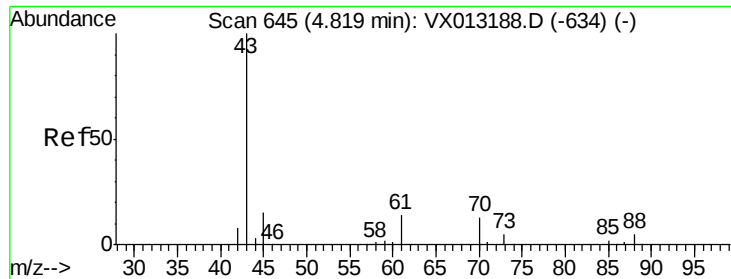
MMDadoda  
10/28/2019 12:53:24 PM



#36  
1,1-Dichloropropene  
Concen: 53.897 ug/l  
RT: 5.78 min Scan# 803  
Delta R.T. -0.01 min  
Lab File: VX013200.D  
Acq: 24 Oct 2019 10:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 110     | 35.0  | 17.6  | 52.9  |
| 77      | 30.5  | 24.7  | 37.1  |





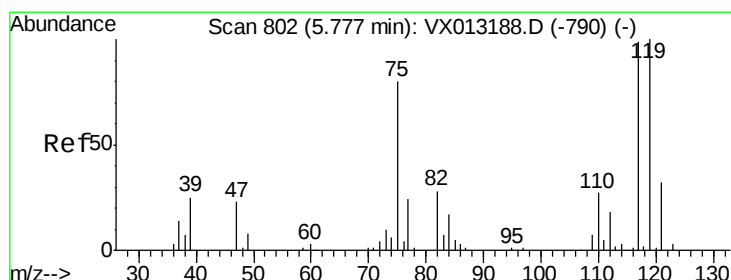
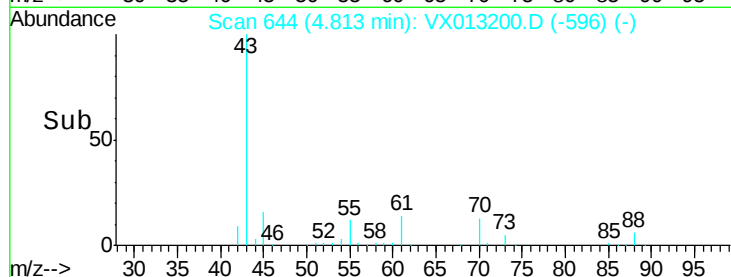
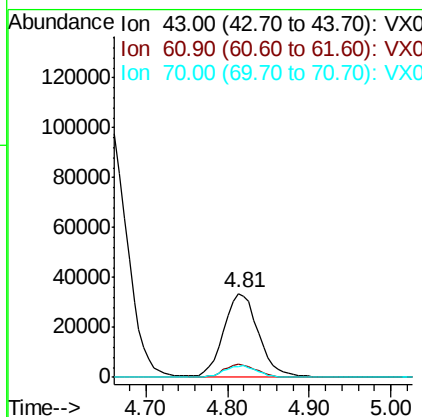
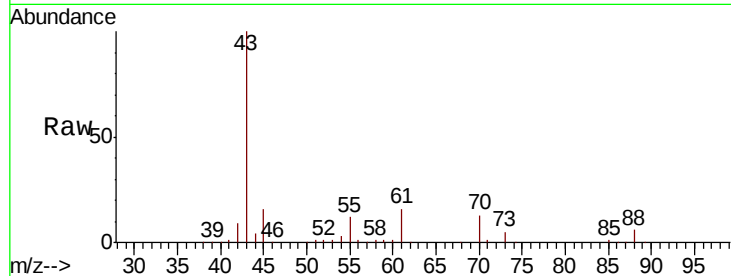
#37  
Ethyl Acetate  
Concen: 48.042 ug/l  
RT: 4.81 min Scan# 644  
Delta R.T. -0.01 min  
Lab File: VX013200.D  
Acq: 24 Oct 2019 10:00

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 14.5  | 12.1  | 18.1  |
| 70      | 13.3  | 10.4  | 15.6  |

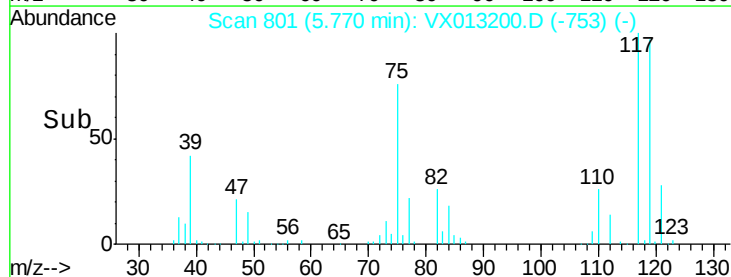
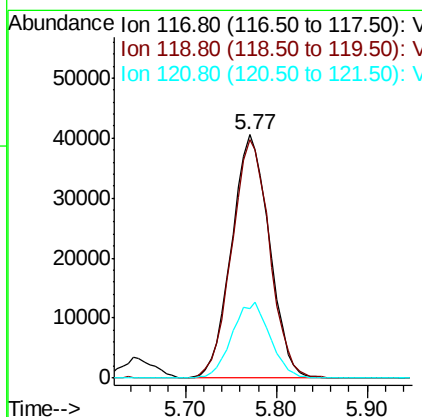
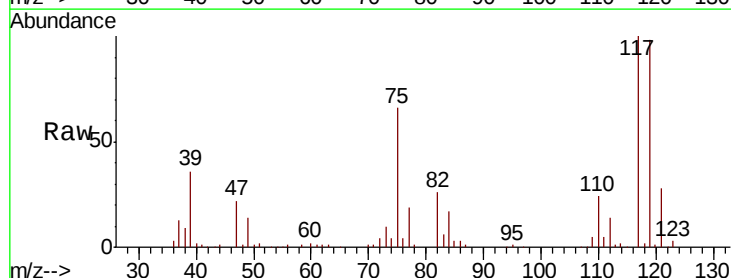
Manual Integrations  
APPROVED

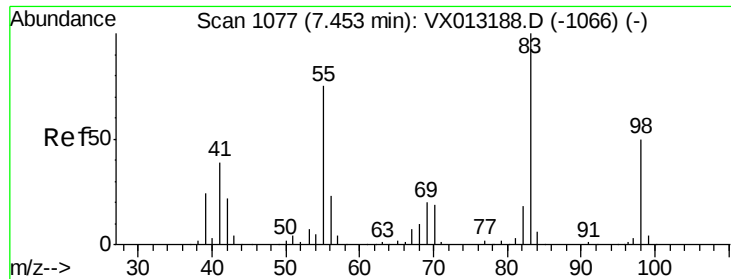
MMDadoda  
10/28/2019 12:53:24 PM



#38  
Carbon Tetrachloride  
Concen: 51.522 ug/l  
RT: 5.77 min Scan# 801  
Delta R.T. -0.01 min  
Lab File: VX013200.D  
Acq: 24 Oct 2019 10:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 97.8  | 80.1  | 120.1 |
| 121     | 28.5  | 25.5  | 38.3  |





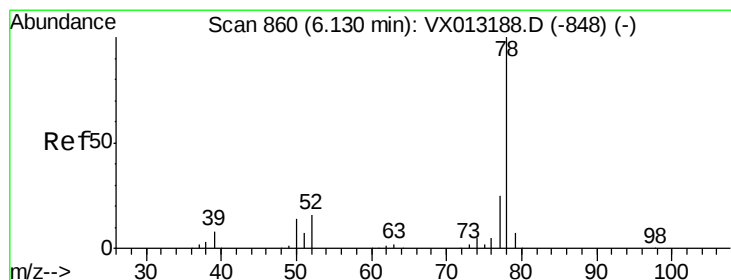
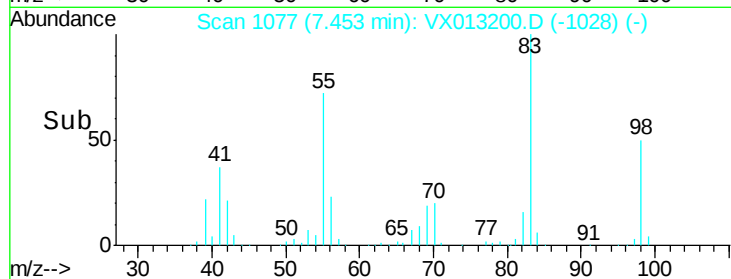
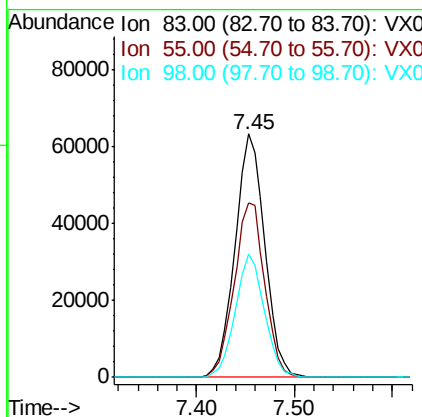
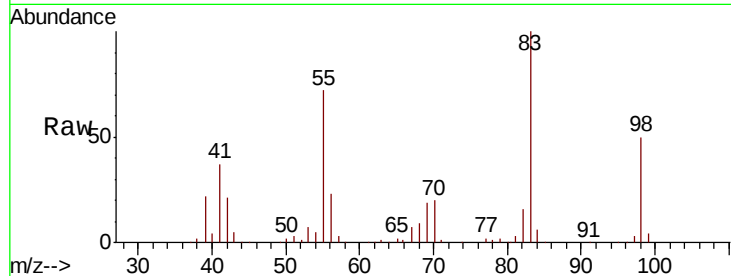
#39  
Methylvlcyclohexane  
Concen: 50.595 ug/l  
RT: 7.45 min Scan# 1077  
Delta R.T. -0.00 min  
Lab File: VX013200.D  
Acq: 24 Oct 2019 10:00

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 55      | 71.7  | 60.1  | 90.1  |
| 98      | 50.4  | 39.8  | 59.8  |

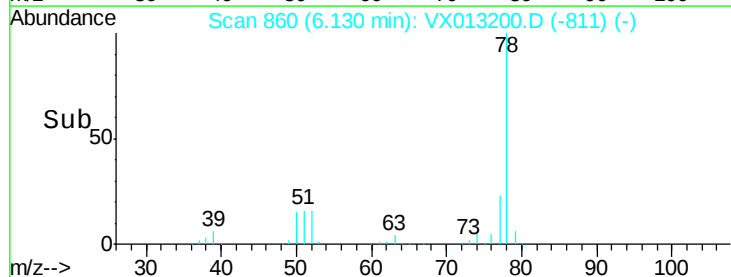
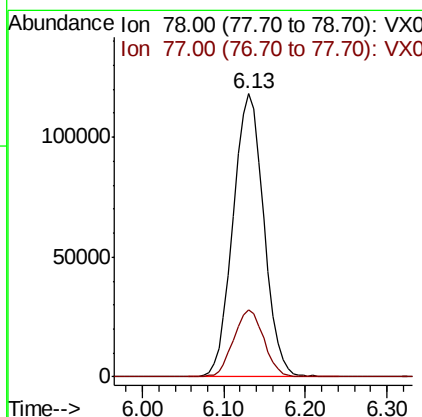
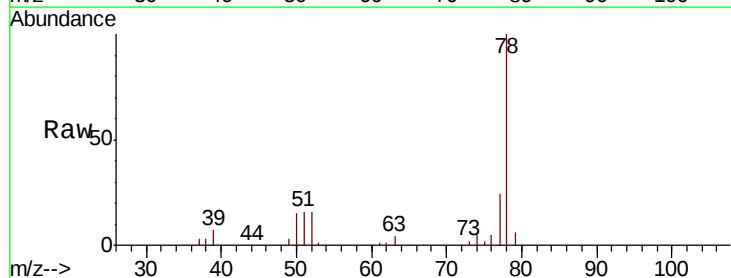
Manual Integrations  
APPROVED

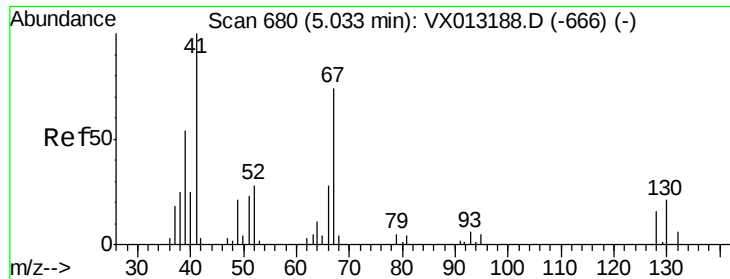
MMDadoda  
10/28/2019 12:53:24 PM



#40  
Benzene  
Concen: 49.816 ug/l  
RT: 6.13 min Scan# 860  
Delta R.T. -0.00 min  
Lab File: VX013200.D  
Acq: 24 Oct 2019 10:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 78      | 100   |       |       |
| 77      | 23.7  | 19.6  | 29.4  |





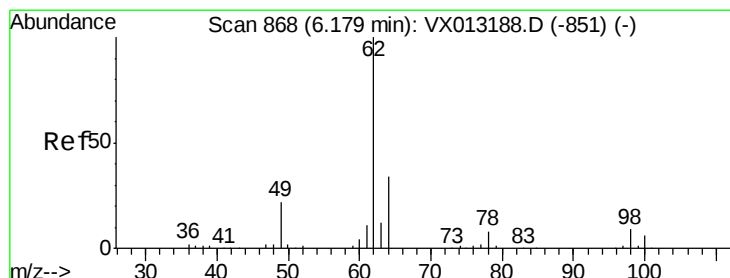
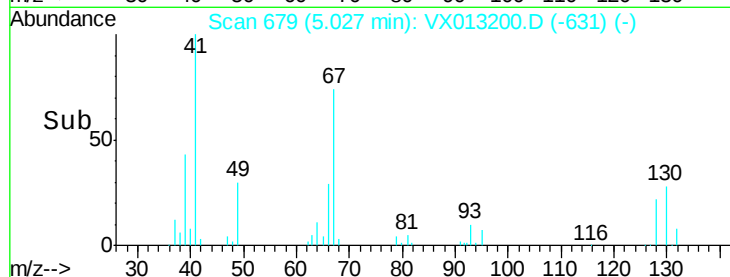
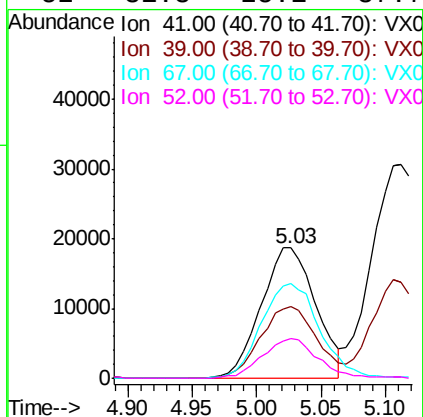
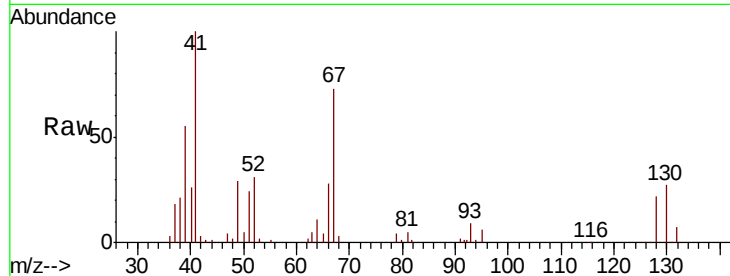
#41  
Methacrylonitrile  
Concen: 50.033 ug/l  
RT: 5.03 min Scan# 679  
Delta R.T. -0.01 min  
Lab File: VX013200.D  
Acq: 24 Oct 2019 10:00

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 41      | 100  |       |       |       |
| 39      | 57.0 | 45.2  | 67.8  |       |
| 67      | 77.5 | 61.3  | 91.9  |       |
| 52      | 31.3 | 25.1  | 37.7  |       |

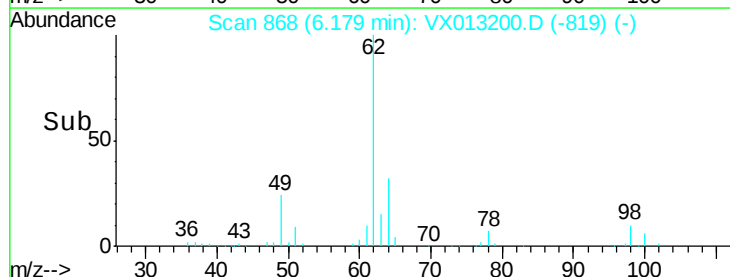
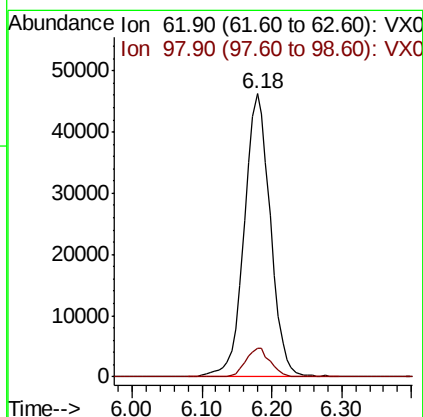
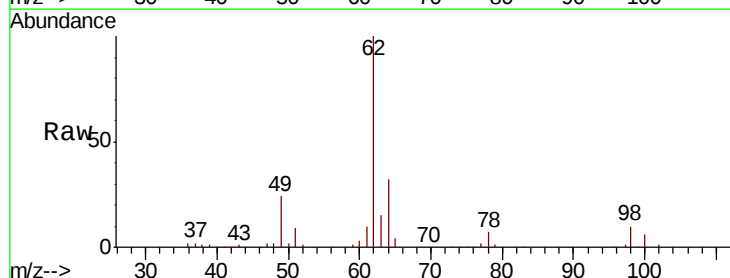
Manual Integrations  
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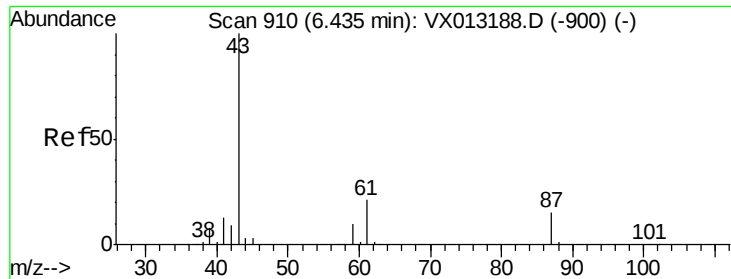
MMDadoda  
10/28/2019 12:53:24 PM



#42  
1,2-Dichloroethane  
Concen: 51.425 ug/l  
RT: 6.18 min Scan# 868  
Delta R.T. -0.00 min  
Lab File: VX013200.D  
Acq: 24 Oct 2019 10:00

| Tgt Ion | Ion | Ratio | Lower | Upper |
|---------|-----|-------|-------|-------|
| 62      | 100 |       |       |       |
| 98      | 9.6 | 0.0   | 18.4  |       |





#43

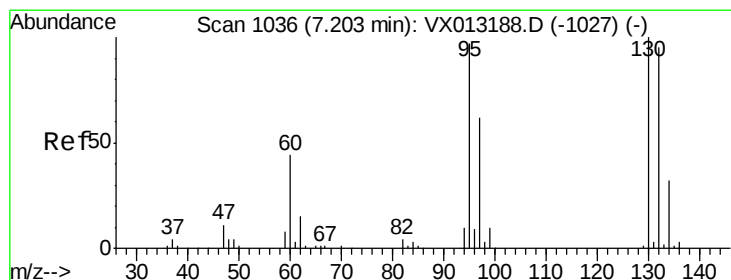
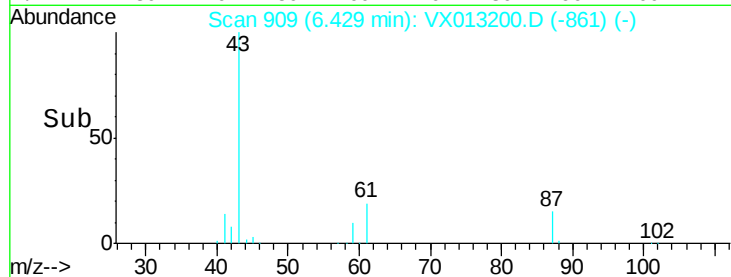
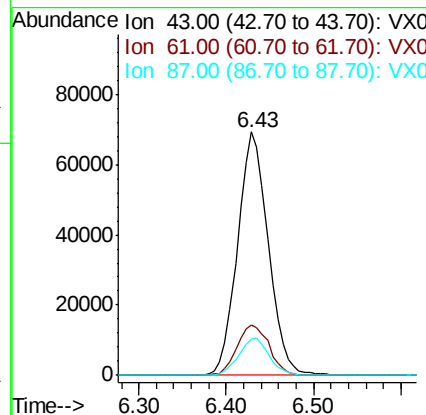
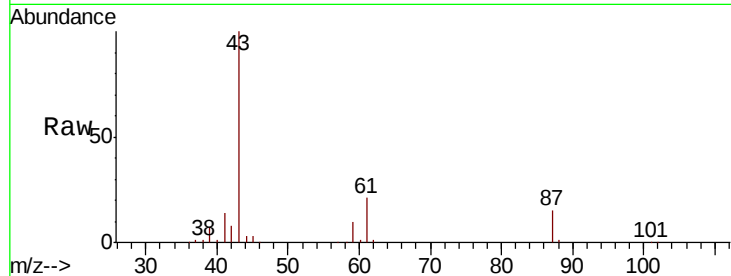
Isopropyl Acetate  
 Concen: 49.834 ug/l  
 RT: 6.43 min Scan# 909  
 Delta R.T. -0.01 min  
 Lab File: VX013200.D  
 Acq: 24 Oct 2019 10:00

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 21.6  | 17.0  | 25.4  |
| 87      | 15.1  | 12.1  | 18.1  |

Manual Integrations  
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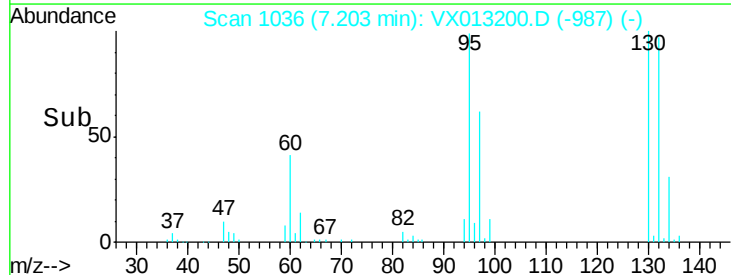
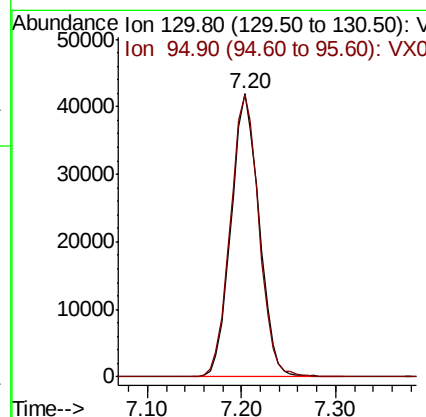
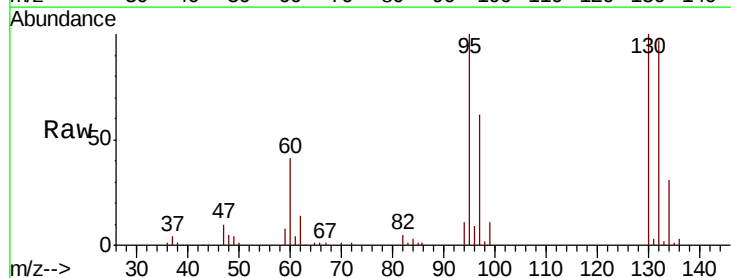
MMDadoda  
 10/28/2019 12:53:24 PM

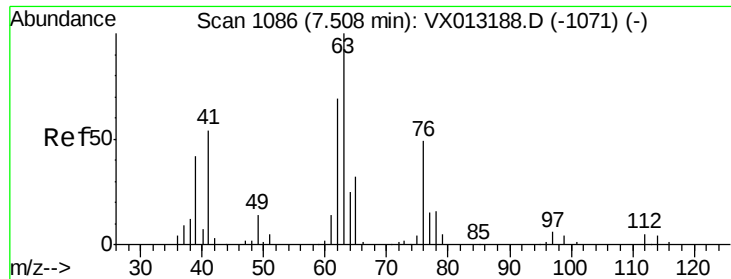


#44

Trichloroethene  
 Concen: 49.470 ug/l  
 RT: 7.20 min Scan# 1036  
 Delta R.T. -0.00 min  
 Lab File: VX013200.D  
 Acq: 24 Oct 2019 10:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 130     | 100   |       |       |
| 95      | 99.6  | 0.0   | 193.6 |





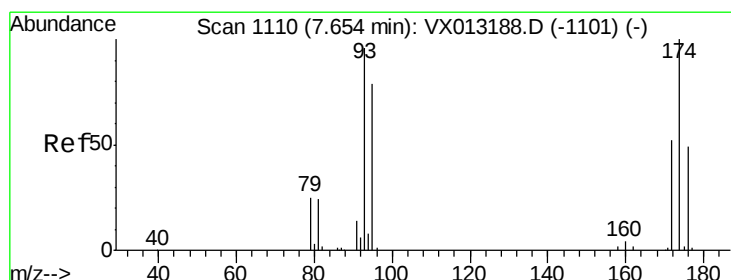
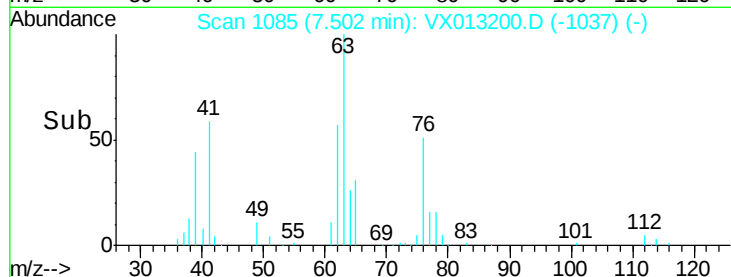
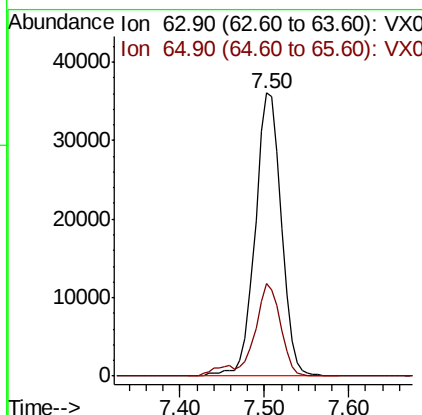
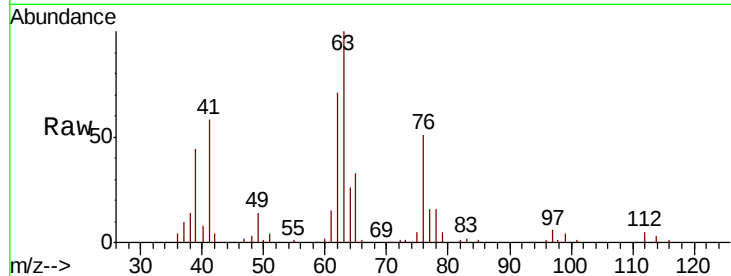
#45  
 1,2-Dichloropropane  
 Concen: 49.588 ug/l  
 RT: 7.50 min Scan# 1085  
 Delta R.T. -0.01 min  
 Lab File: VX013200.D  
 Acq: 24 Oct 2019 10:00

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

Tot Ion: 63 Resp: 76788  
 Ion Ratio Lower Upper  
 63 100  
 65 32.7 25.3 37.9

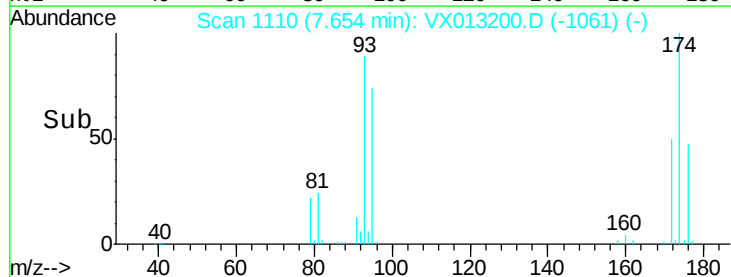
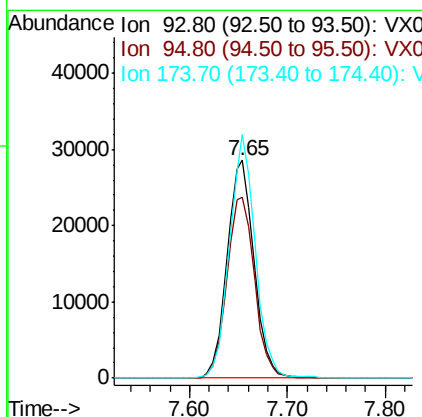
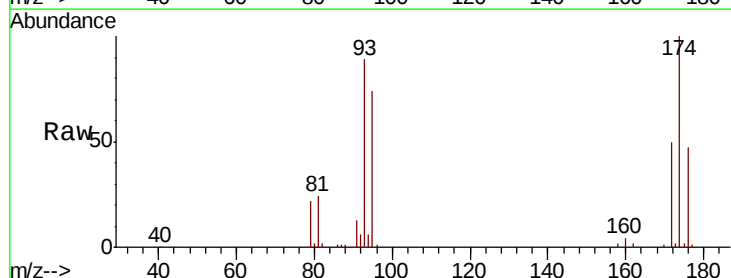
Manual Integrations  
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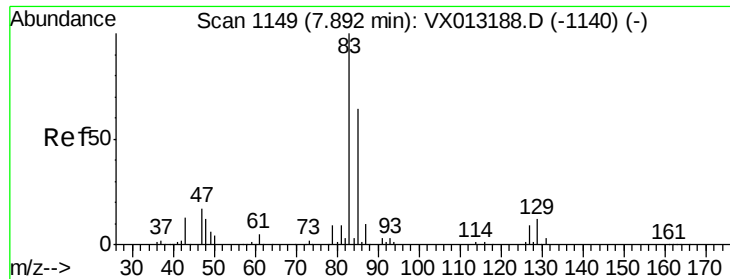
MMDadoda  
 10/28/2019 12:53:24 PM



#46  
 Dibromomethane  
 Concen: 48.784 ug/l  
 RT: 7.65 min Scan# 1110  
 Delta R.T. -0.00 min  
 Lab File: VX013200.D  
 Acq: 24 Oct 2019 10:00

Tgt Ion: 93 Resp: 54427  
 Ion Ratio Lower Upper  
 93 100  
 95 85.0 66.2 99.4  
 174 106.6 85.2 127.8





#47

Bromodichloromethane

Concen: 52.457 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX013200.D

Acq: 24 Oct 2019 10:00

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

Tot Ion: 83 Resp: 114052

Ion Ratio Lower Upper

83 100

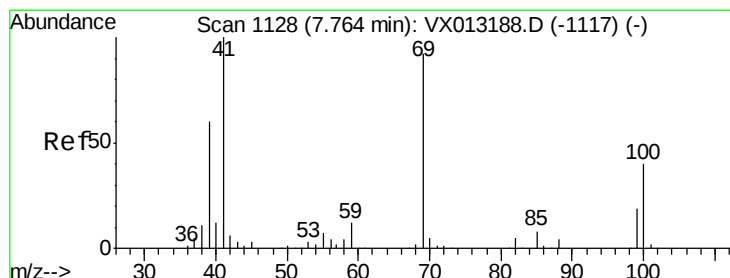
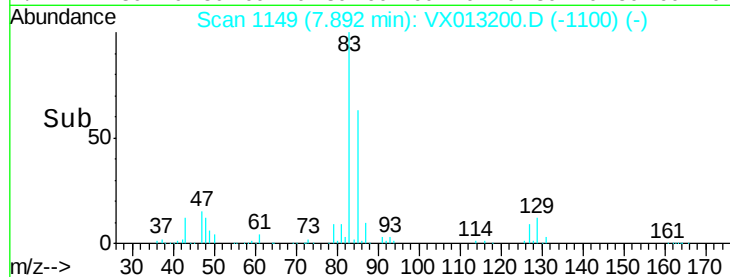
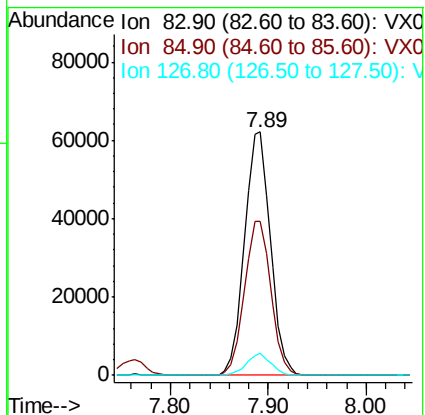
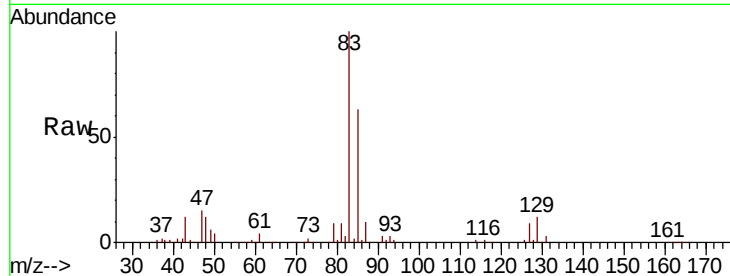
85 63.1 51.0 76.6

127 9.0 7.2 10.8

Manual Integrations  
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MMDadoda

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#48

Methyl methacrylate

Concen: 49.246 ug/l

RT: 7.76 min Scan# 1127

Delta R.T. -0.01 min

Lab File: VX013200.D

Acq: 24 Oct 2019 10:00

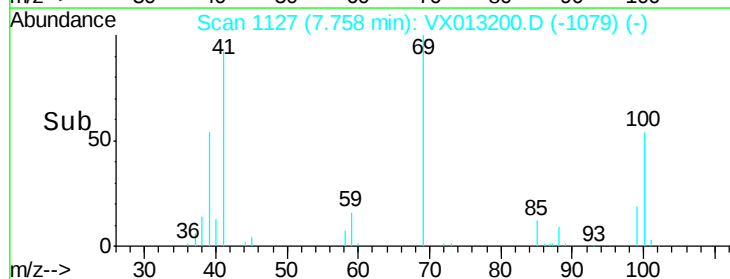
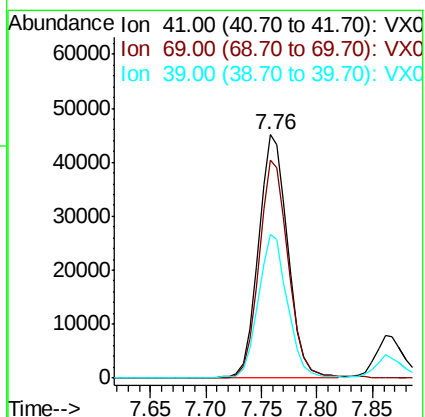
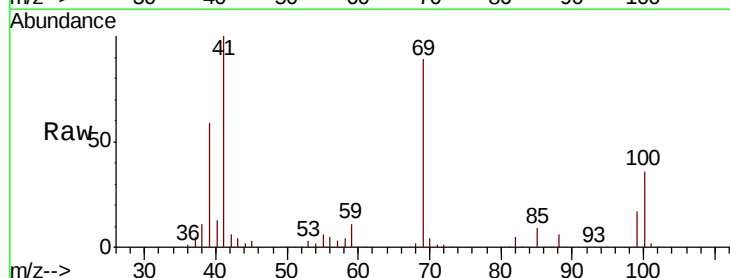
Tgt Ion: 41 Resp: 82893

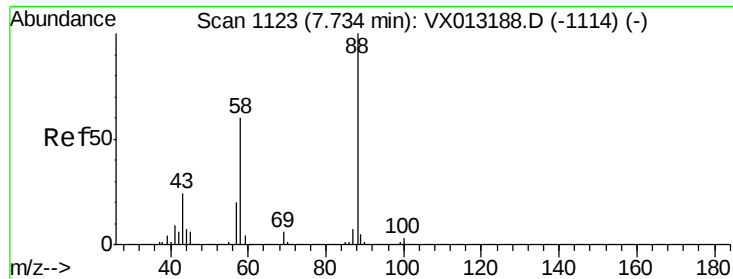
Ion Ratio Lower Upper

41 100

69 89.4 72.0 108.0

39 58.7 47.4 71.0





#49

1,4-Dioxane

Concen: 962.264 ug/l

RT: 7.73 min Scan# 1122

Delta R.T. -0.01 min

Lab File: VX013200.D

Acq: 24 Oct 2019 10:00

Instrument :

MSVOA\_X

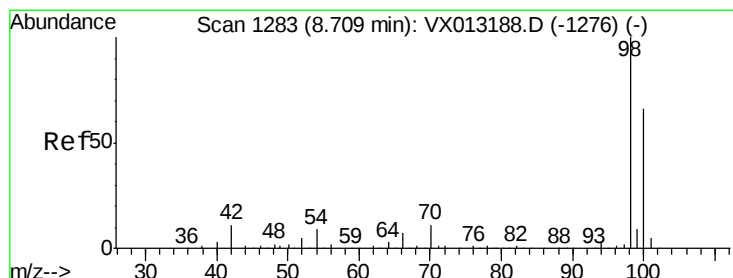
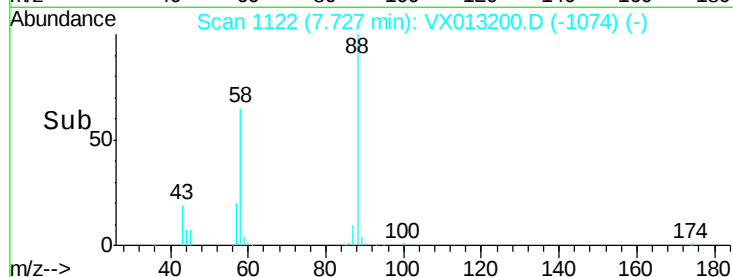
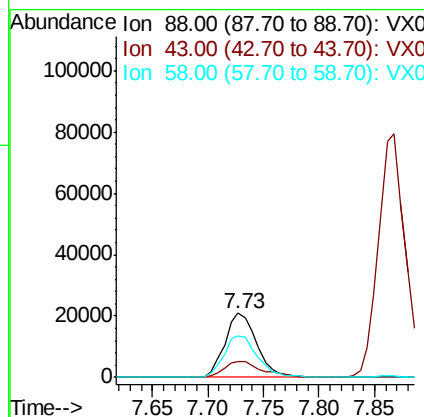
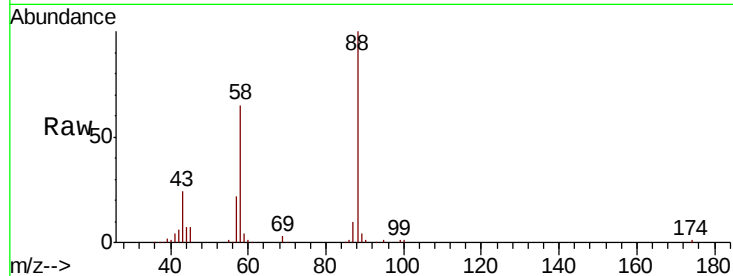
ClientSampleId :

VSTDCCC050

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 88    | Resp: | 41224 |
| Ion      | Ratio | Lower | Upper |
| 88       | 100   |       |       |
| 43       | 30.0  | 24.5  | 36.7  |
| 58       | 68.3  | 54.1  | 81.1  |

Manual Integrations  
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#50

Toluene-d8

Concen: 52.668 ug/l

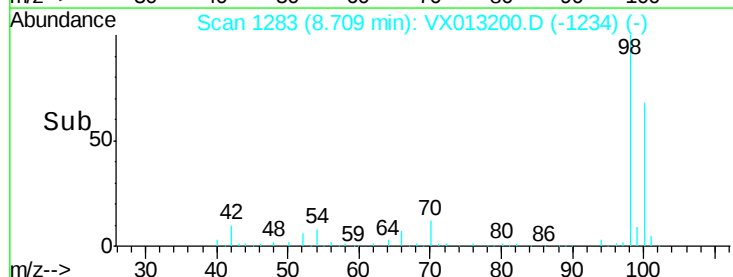
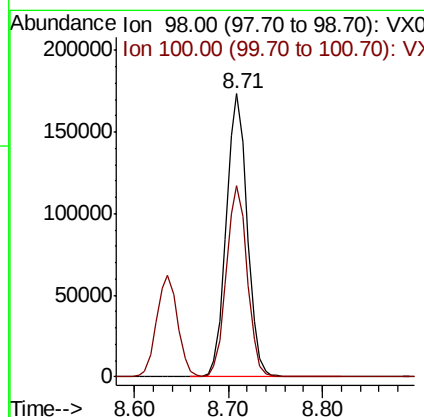
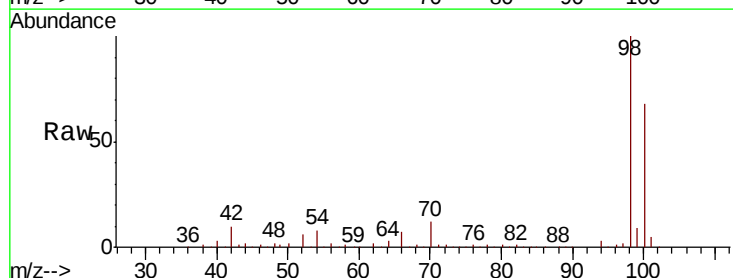
RT: 8.71 min Scan# 1283

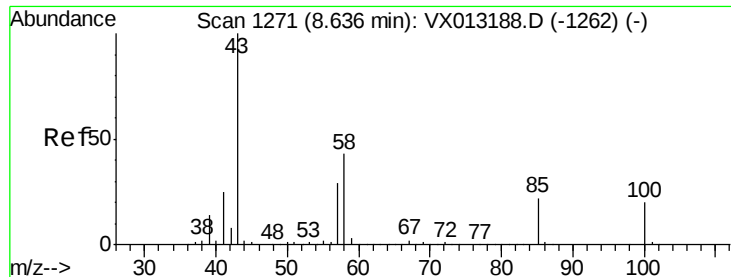
Delta R.T. -0.00 min

Lab File: VX013200.D

Acq: 24 Oct 2019 10:00

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 98    | Resp: | 267913 |
| Ion      | Ratio | Lower | Upper  |
| 98       | 100   |       |        |
| 100      | 67.1  | 53.3  | 79.9   |





#51

4-Methyl-2-Pentanone

Concen: 242.625 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VX013200.D

Acq: 24 Oct 2019 10:00

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 503651

Ion Ratio Lower Upper

43 100

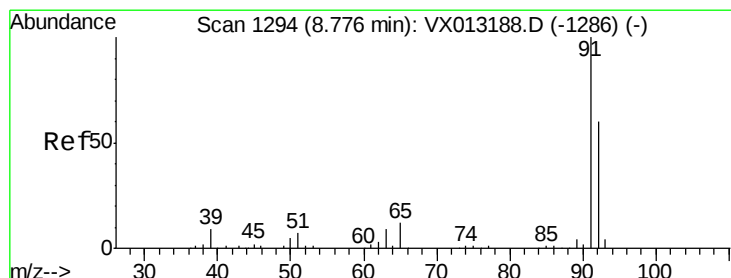
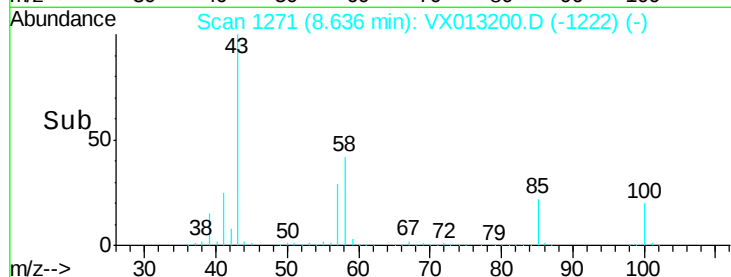
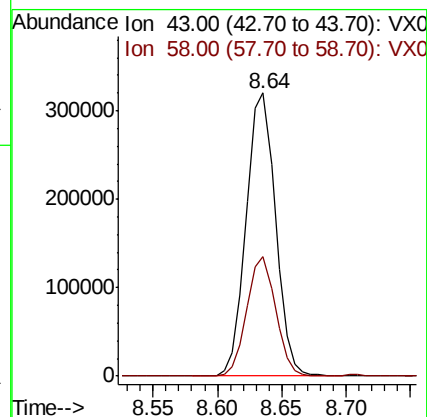
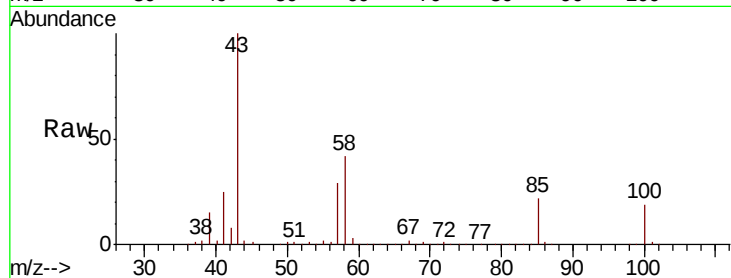
58 41.6 33.9 50.9

Manual Integrations

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#52

Toluene

Concen: 49.476 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX013200.D

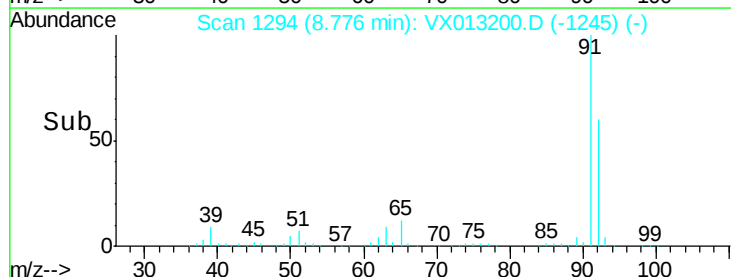
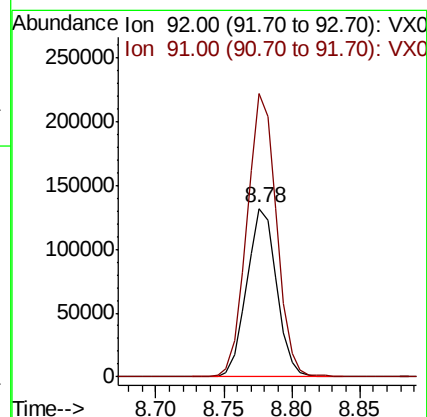
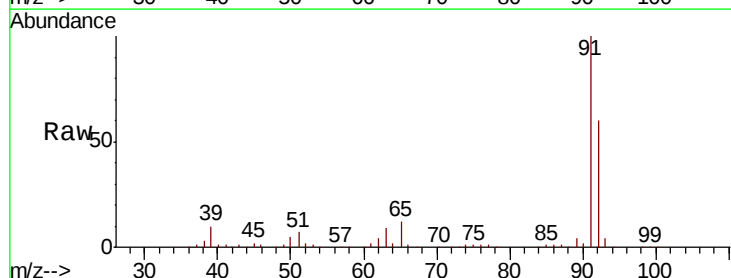
Acq: 24 Oct 2019 10:00

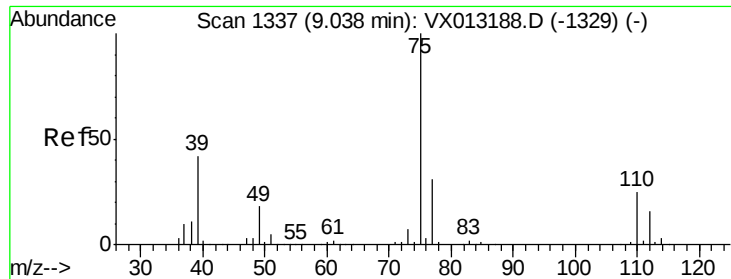
Tgt Ion: 92 Resp: 202723

Ion Ratio Lower Upper

92 100

91 167.1 133.9 200.9





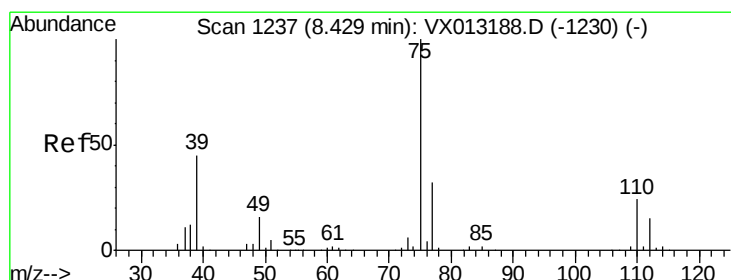
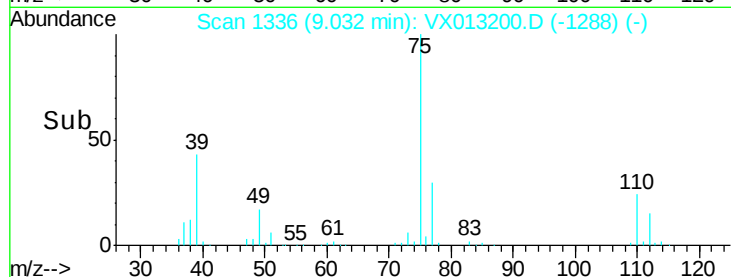
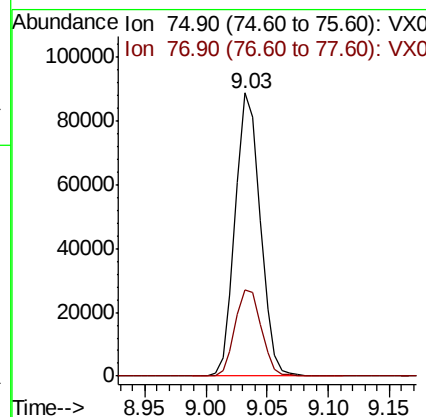
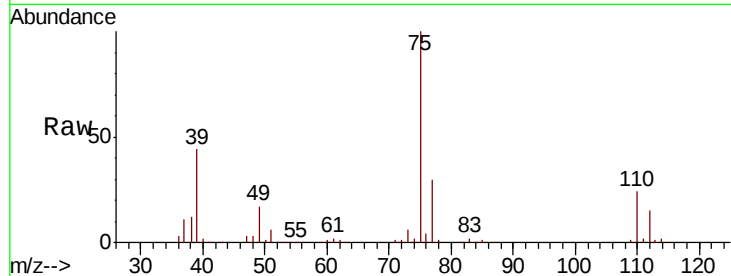
#53  
t-1,3-Dichloropropene  
Concen: 54.417 ug/l  
RT: 9.03 min Scan# 1336  
Delta R.T. -0.01 min  
Lab File: VX013200.D  
Acq: 24 Oct 2019 10:00

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

Tot Ion: 75 Resp: 125729  
Ion Ratio Lower Upper  
75 100  
77 30.5 24.7 37.1

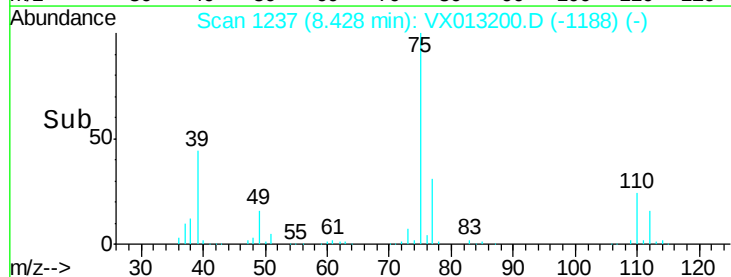
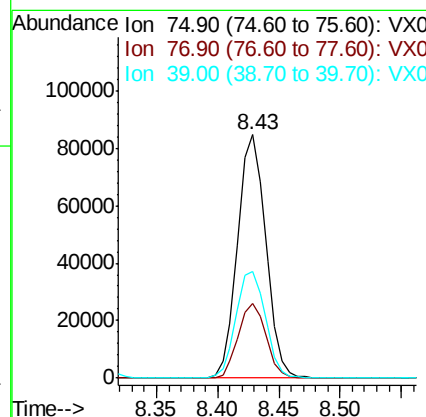
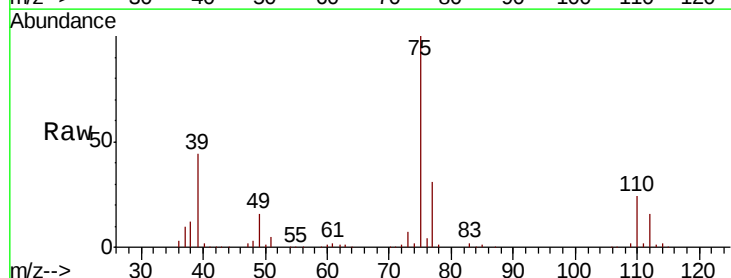
Manual Integrations  
APPROVED

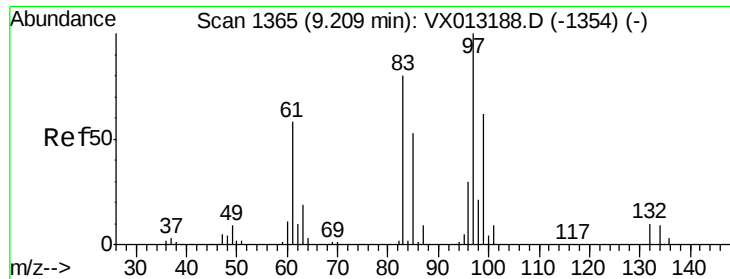
MMDadoda  
10/28/2019 12:53:24 PM



#54  
cis-1,3-Dichloropropene  
Concen: 53.656 ug/l  
RT: 8.43 min Scan# 1237  
Delta R.T. -0.00 min  
Lab File: VX013200.D  
Acq: 24 Oct 2019 10:00

Tgt Ion: 75 Resp: 135617  
Ion Ratio Lower Upper  
75 100  
77 30.5 25.4 38.0  
39 43.8 36.2 54.4





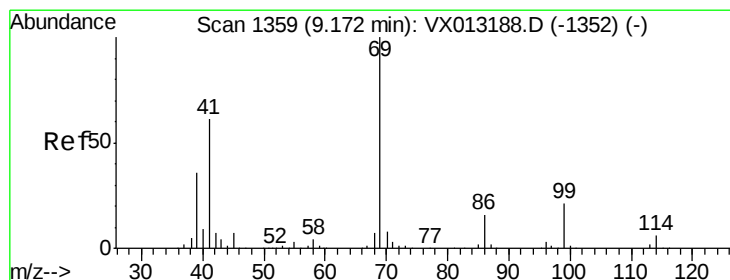
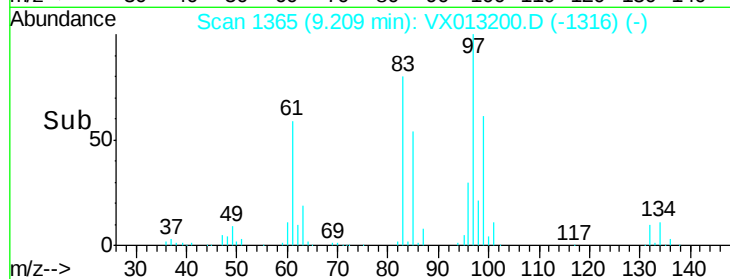
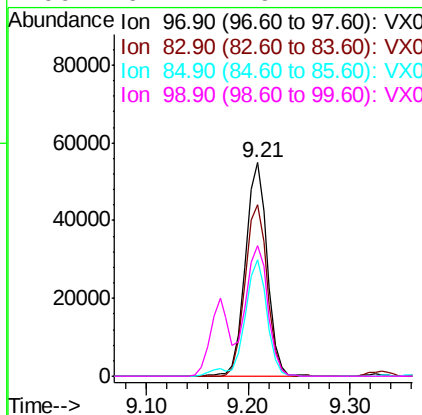
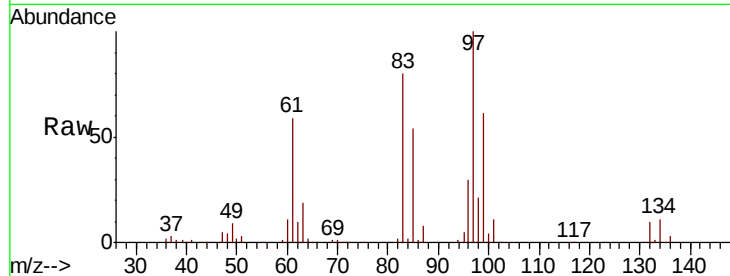
#55  
1,1,2-Trichloroethane  
Concen: 50.174 ug/l  
RT: 9.21 min Scan# 1365  
Delta R.T. -0.00 min  
Lab File: VX013200.D  
Acq: 24 Oct 2019 10:00

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 97    | Resp: | 81279 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 80.0  | 64.1  | 96.1  |
| 85       | 54.4  | 42.1  | 63.1  |
| 99       | 61.4  | 49.4  | 74.2  |

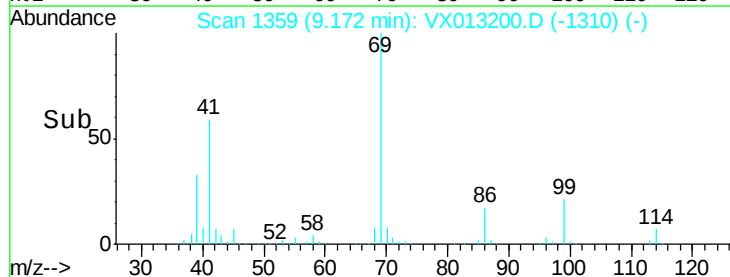
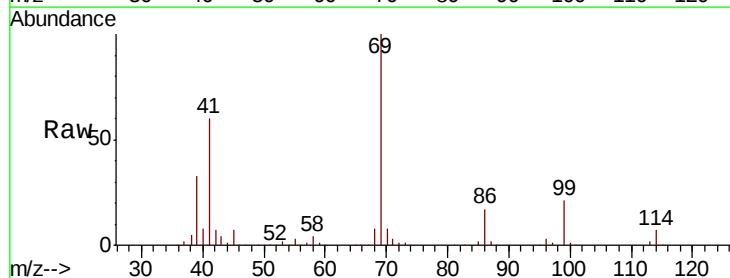
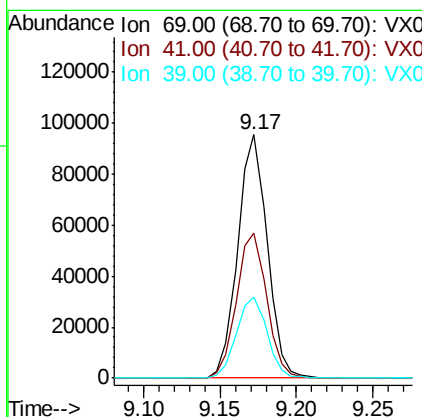
Manual Integrations  
APPROVED

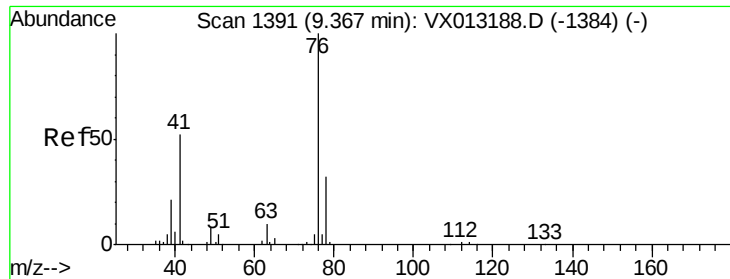
MMDadoda  
10/28/2019 12:53:24 PM



#56  
Ethyl methacrylate  
Concen: 52.423 ug/l  
RT: 9.17 min Scan# 1359  
Delta R.T. -0.00 min  
Lab File: VX013200.D  
Acq: 24 Oct 2019 10:00

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 69    | Resp: | 127813 |
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 61.4  | 49.5  | 74.3   |
| 39       | 34.6  | 28.3  | 42.5   |





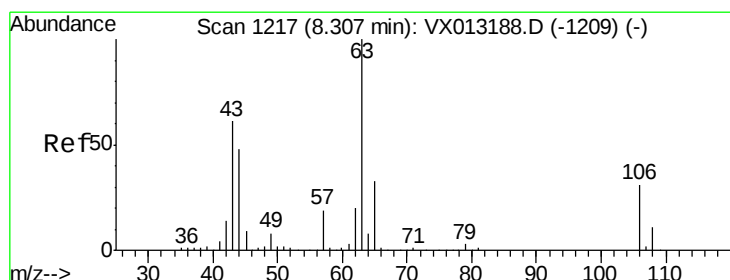
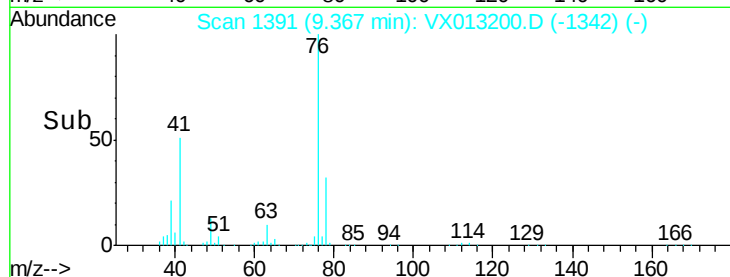
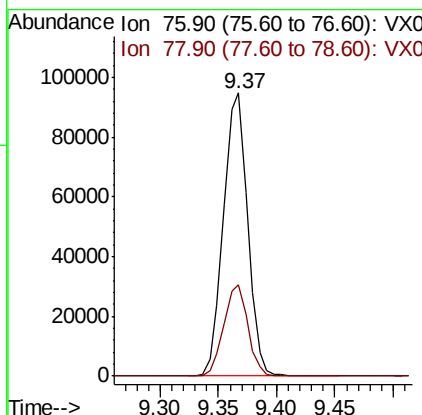
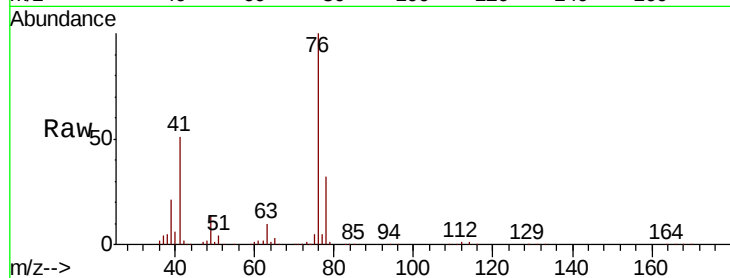
#57  
 1,3-Dichloropropane  
 Concen: 50.007 ug/l  
 RT: 9.37 min Scan# 1391  
 Delta R.T. -0.00 min  
 Lab File: VX013200.D  
 Acq: 24 Oct 2019 10:00

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

Tot Ion: 76 Resp: 136686  
 Ion Ratio Lower Upper  
 76 100  
 78 32.1 26.1 39.1

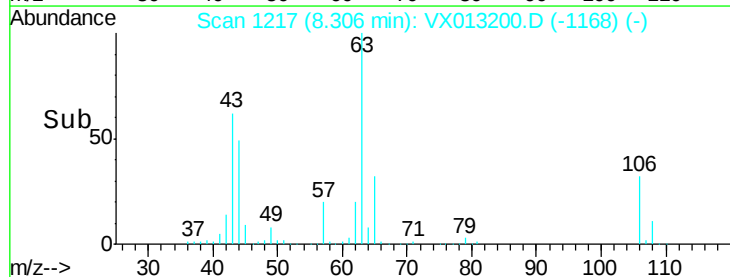
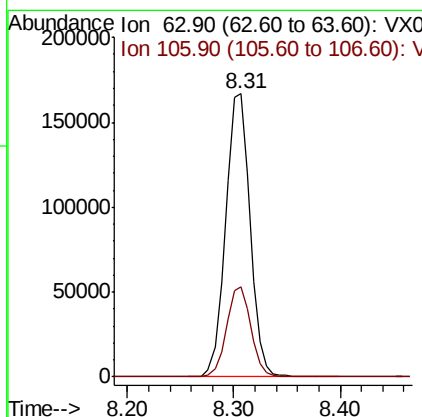
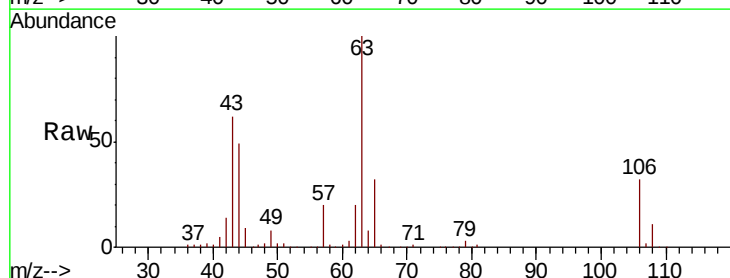
Manual Integrations  
 APPROVED

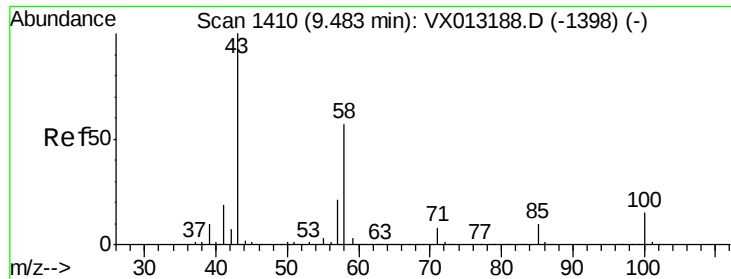
MMDadoda  
 10/28/2019 12:53:24 PM



#58  
 2-Chloroethyl Vinyl ether  
 Concen: 282.537 ug/l  
 RT: 8.31 min Scan# 1217  
 Delta R.T. -0.00 min  
 Lab File: VX013200.D  
 Acq: 24 Oct 2019 10:00

Tgt Ion: 63 Resp: 268791  
 Ion Ratio Lower Upper  
 63 100  
 106 31.8 25.4 38.0





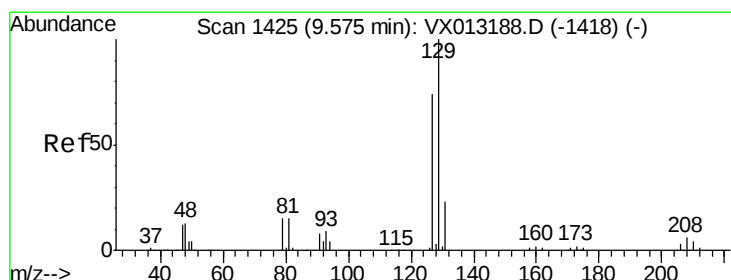
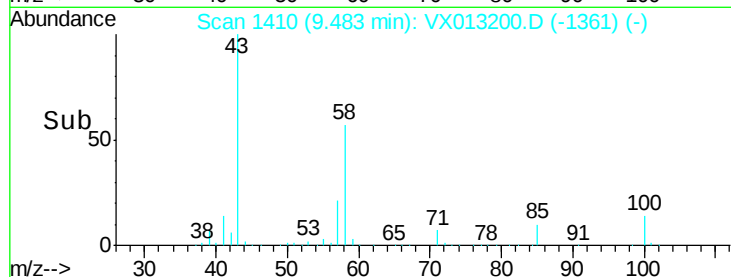
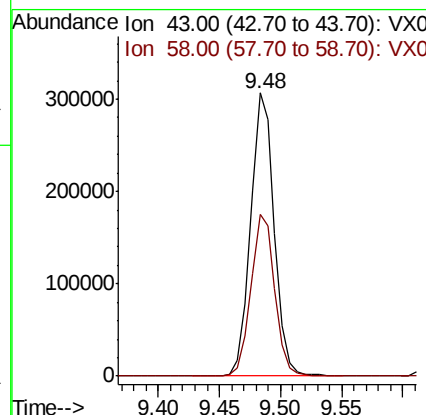
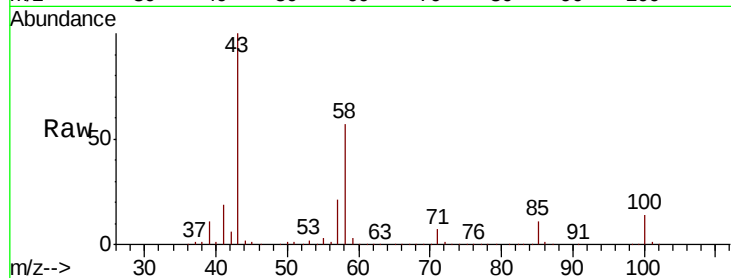
#59  
2-Hexanone  
Concen: 256.331 ug/l  
RT: 9.48 min Scan# 1410  
Delta R.T. -0.00 min  
Lab File: VX013200.D  
Acq: 24 Oct 2019 10:00

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

Tot Ion: 43 Resp: 409875  
Ion Ratio Lower Upper  
43 100  
58 57.8 28.2 84.7

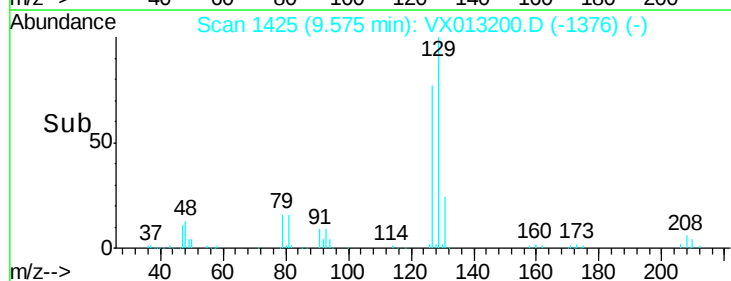
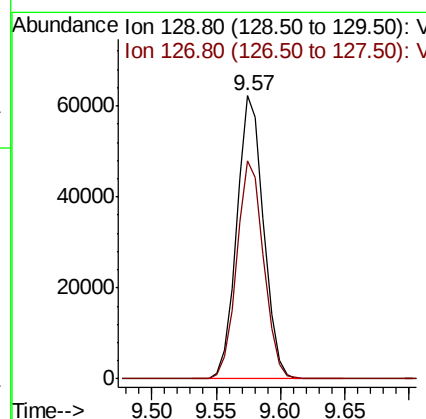
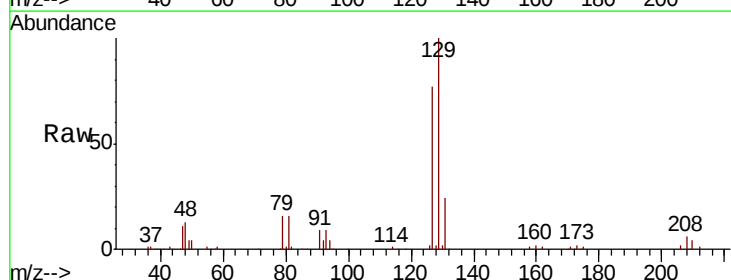
Manual Integrations  
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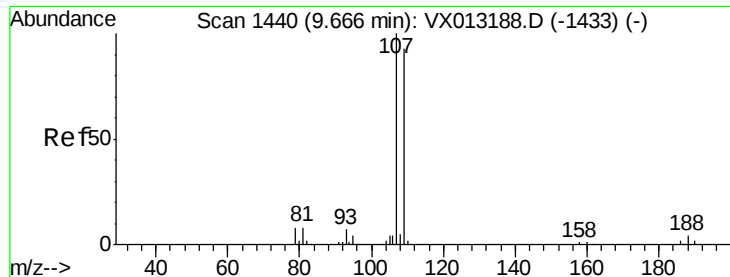
MMDadoda  
10/28/2019 12:53:24 PM



#60  
Dibromochloromethane  
Concen: 53.082 ug/l  
RT: 9.57 min Scan# 1425  
Delta R.T. -0.00 min  
Lab File: VX013200.D  
Acq: 24 Oct 2019 10:00

Tgt Ion: 129 Resp: 90104  
Ion Ratio Lower Upper  
129 100  
127 77.4 38.2 114.6





#61

1,2-Dibromoethane

Concen: 50.169 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX013200.D

Acq: 24 Oct 2019 10:00

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

Tot Ion:107 Resp: 86278

Ion Ratio Lower Upper

107 100

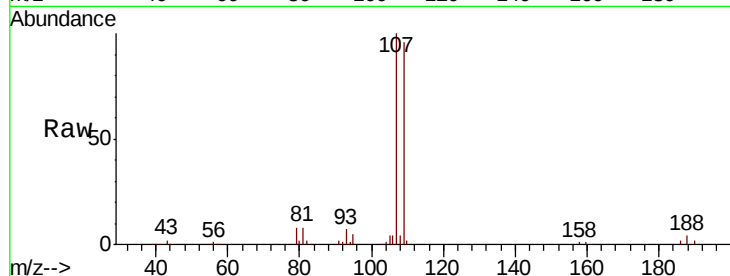
109 93.6 75.7 113.5

Manual Integrations

APPROVED

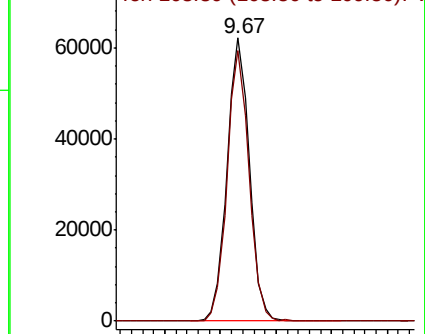
MMDadoda

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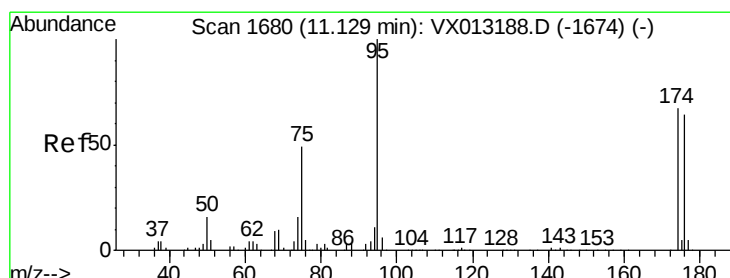
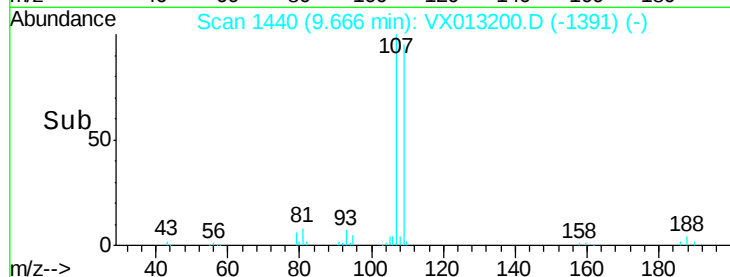


Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



Time-->



#62

4-Bromofluorobenzene

Concen: 53.165 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.00 min

Lab File: VX013200.D

Acq: 24 Oct 2019 10:00

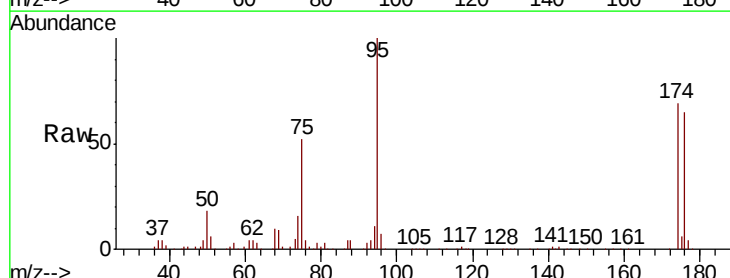
Tgt Ion: 95 Resp: 107042

Ion Ratio Lower Upper

95 100

174 76.1 0.0 152.4

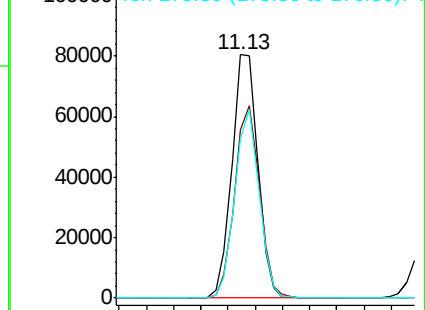
176 72.9 0.0 146.0



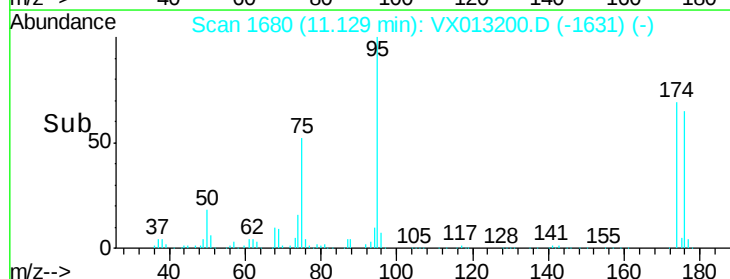
Abundance Ion 94.90 (94.60 to 95.60): VX0

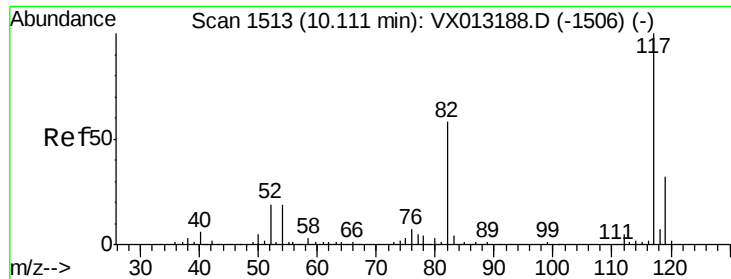
Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



Time-->





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1512

Delta R.T. -0.01 min

Lab File: VX013200.D

Acq: 24 Oct 2019 10:00

Instrument :

MSVOA\_X

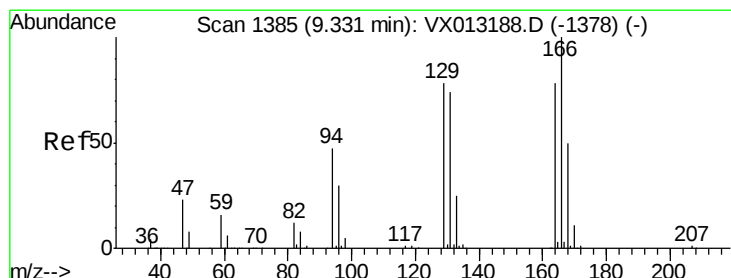
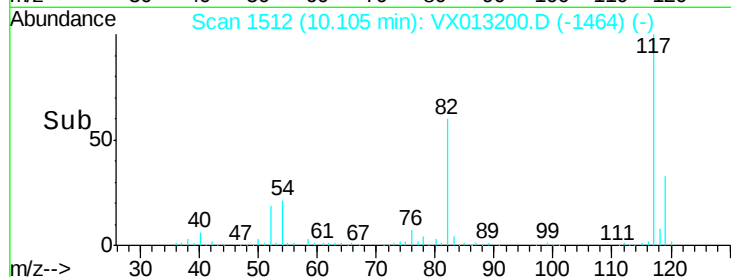
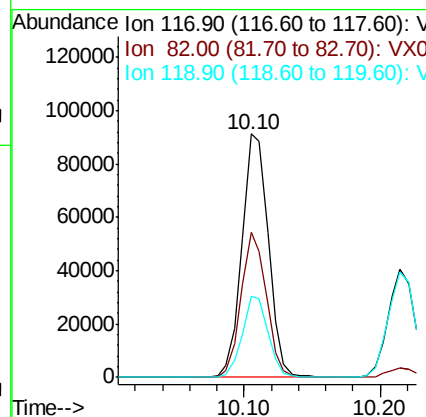
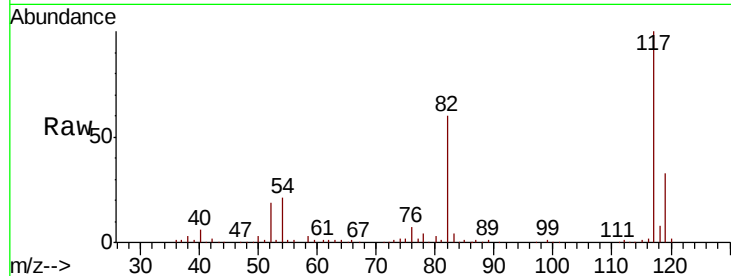
ClientSampleId :

VSTDCCC050

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 117   | Resp: | 123806 |
| Ion Ratio | Lower | Upper |        |
| 117       | 100   |       |        |
| 82        | 59.6  | 46.5  | 69.7   |
| 119       | 33.2  | 25.2  | 37.8   |

Manual Integrations  
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#64

Tetrachloroethene

Concen: 57.618 ug/l

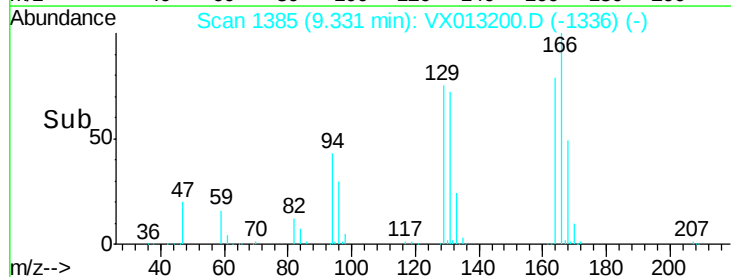
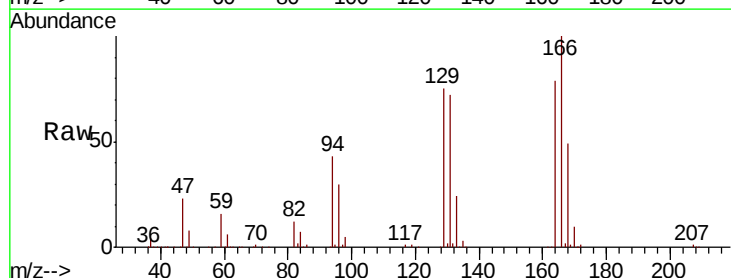
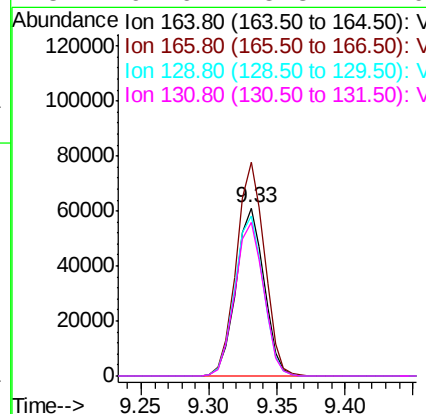
RT: 9.33 min Scan# 1385

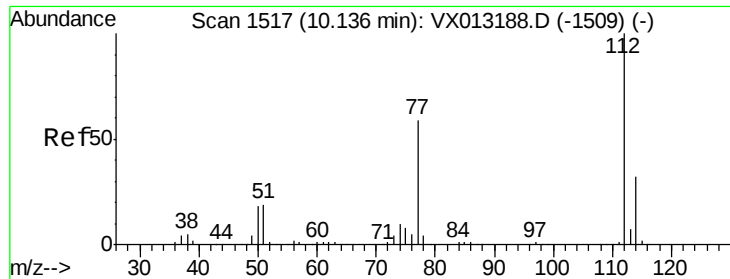
Delta R.T. 0.00 min

Lab File: VX013200.D

Acq: 24 Oct 2019 10:00

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 164   | Resp: | 87569 |
| Ion Ratio | Lower | Upper |       |
| 164       | 100   |       |       |
| 166       | 127.2 | 102.2 | 153.4 |
| 129       | 95.5  | 79.8  | 119.8 |
| 131       | 91.6  | 75.3  | 112.9 |





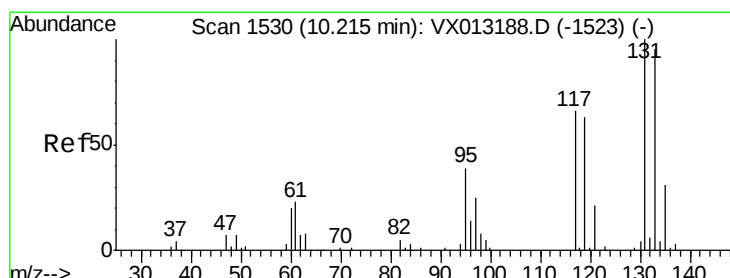
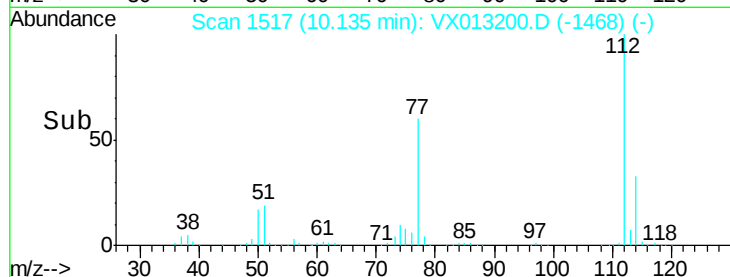
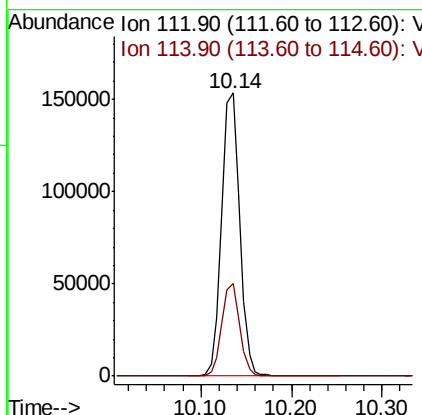
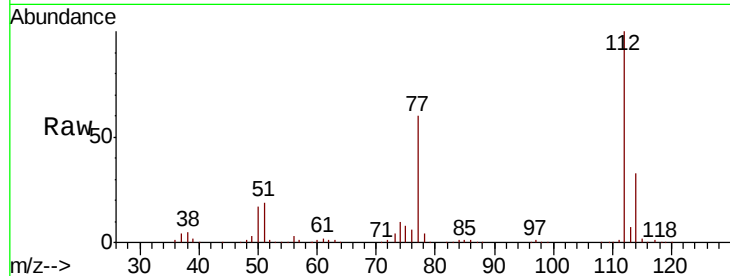
#65  
Chlorobenzene  
Concen: 49.843 ug/l  
RT: 10.14 min Scan# 1517  
Delta R.T. -0.00 min  
Lab File: VX013200.D  
Acq: 24 Oct 2019 10:00

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

Tot Ion:112 Resp: 216017  
Ion Ratio Lower Upper  
112 100  
114 32.8 25.8 38.8

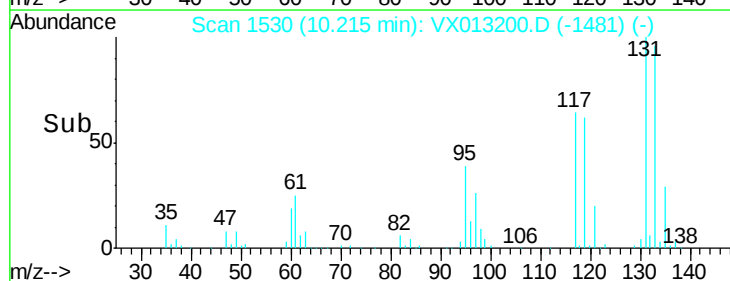
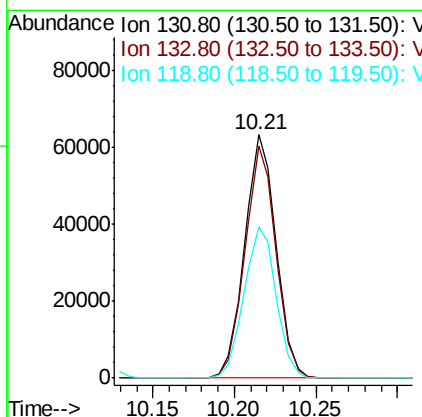
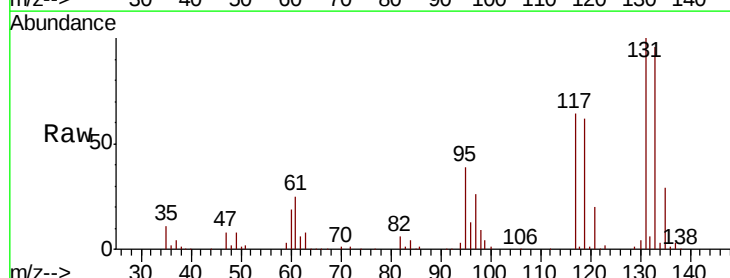
Manual Integrations  
APPROVED

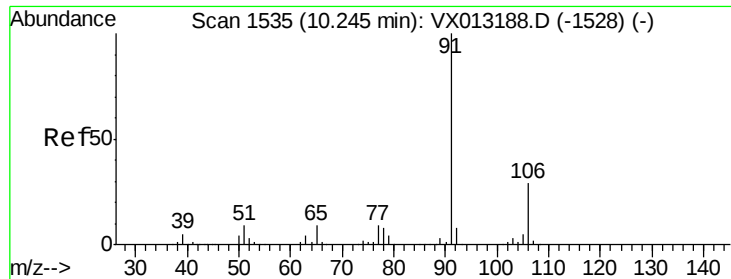
MMDadoda  
10/28/2019 12:53:24 PM



#66  
1,1,1,2-Tetrachloroethane  
Concen: 52.847 ug/l  
RT: 10.21 min Scan# 1530  
Delta R.T. -0.00 min  
Lab File: VX013200.D  
Acq: 24 Oct 2019 10:00

Tgt Ion:131 Resp: 84608  
Ion Ratio Lower Upper  
131 100  
133 94.7 48.4 145.2  
119 63.8 32.4 97.0





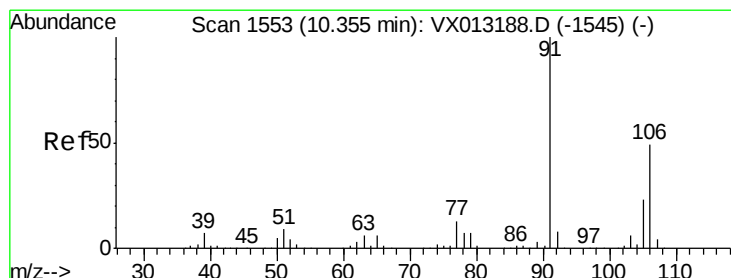
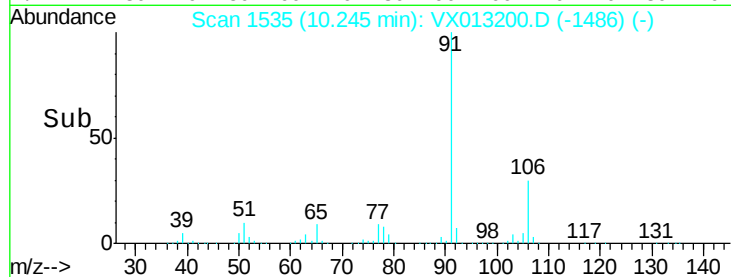
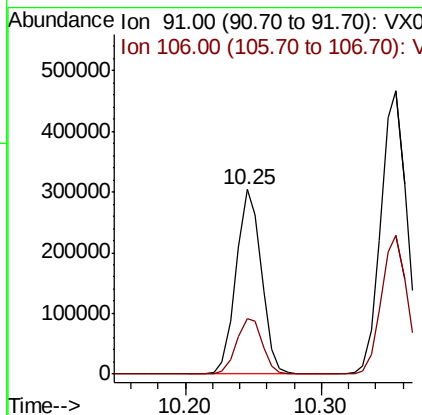
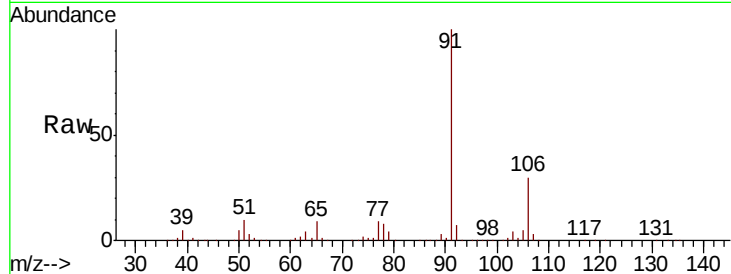
#67  
Ethyl Benzene  
Concen: 50.891 ug/l  
RT: 10.25 min Scan# 1535  
Delta R.T. -0.00 min  
Lab File: VX013200.D  
Acq: 24 Oct 2019 10:00

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

Tot Ion: 91 Resp: 394848  
Ion Ratio Lower Upper  
91 100  
106 30.4 23.5 35.3

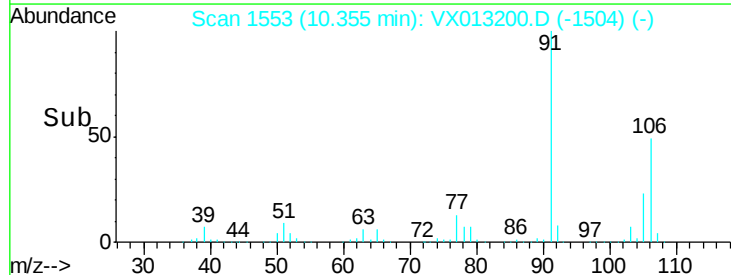
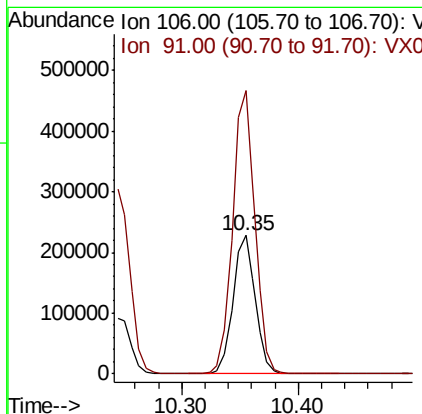
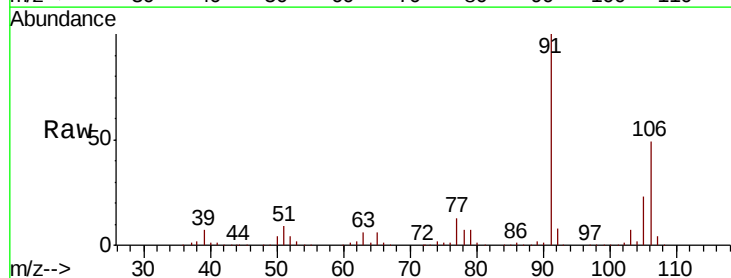
Manual Integrations  
APPROVED

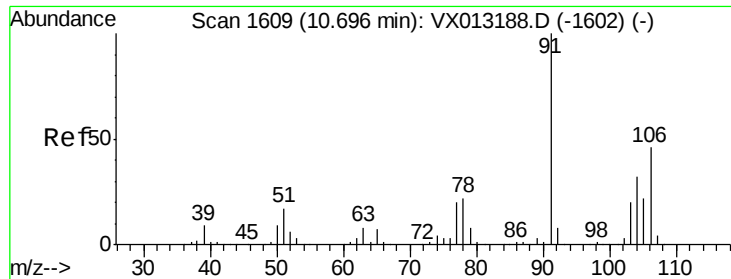
MMDadoda  
10/28/2019 12:53:24 PM



#68  
m/p-Xylenes  
Concen: 103.112 ug/l  
RT: 10.35 min Scan# 1553  
Delta R.T. -0.00 min  
Lab File: VX013200.D  
Acq: 24 Oct 2019 10:00

Tgt Ion: 106 Resp: 302339  
Ion Ratio Lower Upper  
106 100  
91 205.6 166.8 250.2





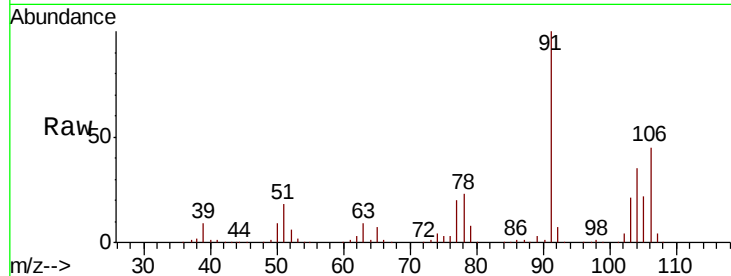
#69  
o-Xylene  
Concen: 50.517 ug/l  
RT: 10.70 min Scan# 1609  
Delta R.T. -0.00 min  
Lab File: VX013200.D  
Acq: 24 Oct 2019 10:00

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

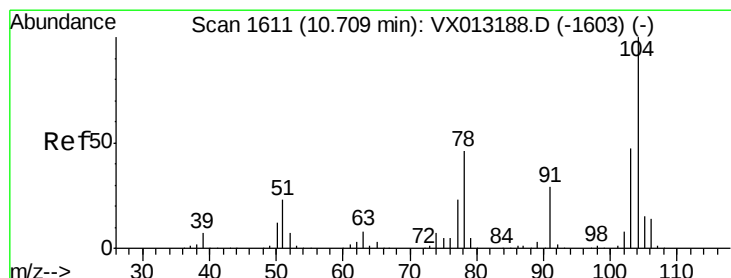
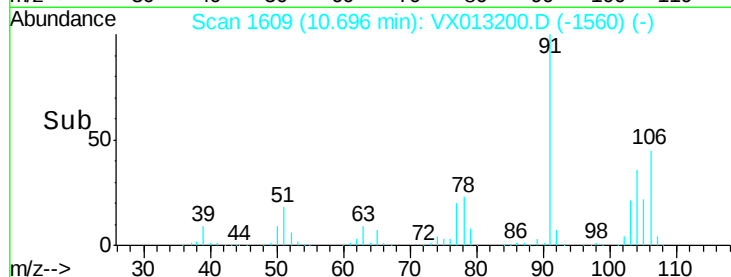
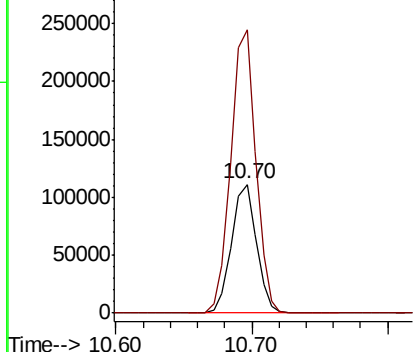
Tot Ion:106 Resp: 142091  
Ion Ratio Lower Upper  
106 100  
91 221.0 110.7 331.9

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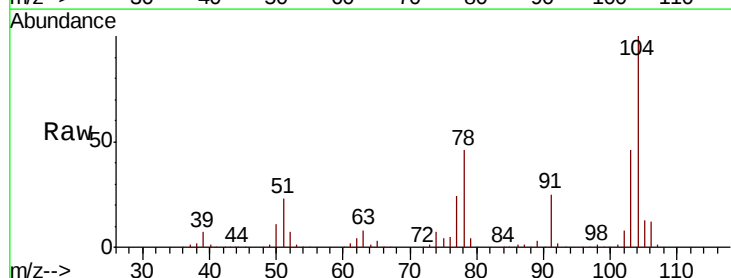


Abundance Ion 106.00 (105.70 to 106.70): V  
Ion 91.00 (90.70 to 91.70): VX0

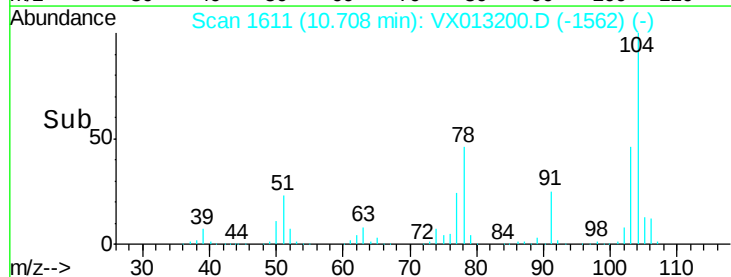
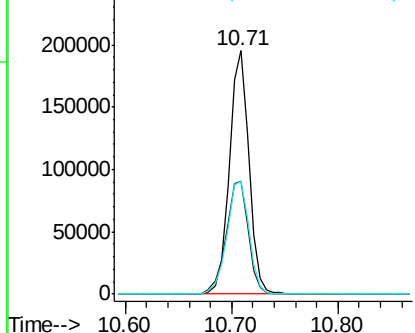


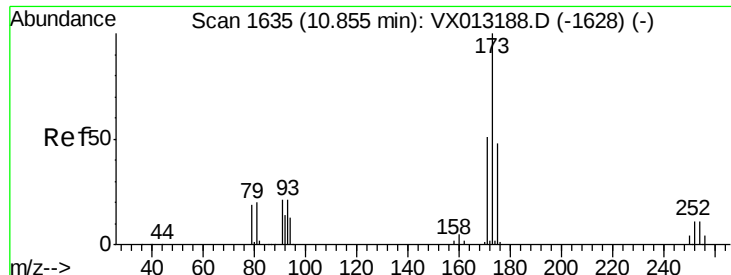
#70  
Styrene  
Concen: 52.040 ug/l  
RT: 10.71 min Scan# 1611  
Delta R.T. -0.00 min  
Lab File: VX013200.D  
Acq: 24 Oct 2019 10:00

Tgt Ion:104 Resp: 252045  
Ion Ratio Lower Upper  
104 100  
78 52.7 42.2 63.4  
103 52.5 42.8 64.2



Abundance Ion 104.00 (103.70 to 104.70): V  
Ion 78.00 (77.70 to 78.70): VX0  
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 55.319 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. -0.00 min

Lab File: VX013200.D

Acq: 24 Oct 2019 10:00

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

Tot Ion:173 Resp: 64713

Ion Ratio Lower Upper

173 100

175 48.5 24.3 72.8

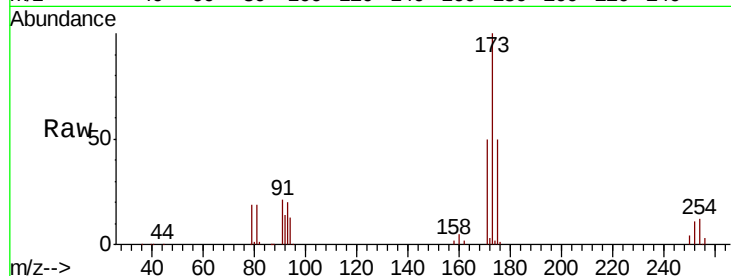
254 0.1 0.1 0.1

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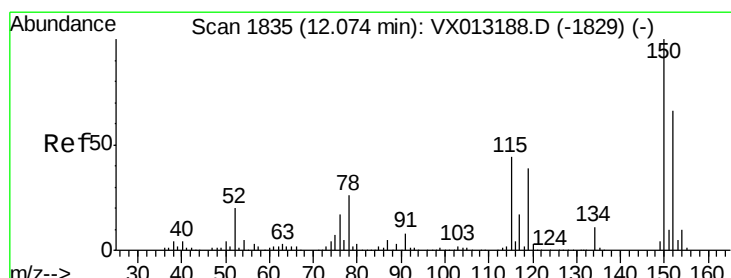
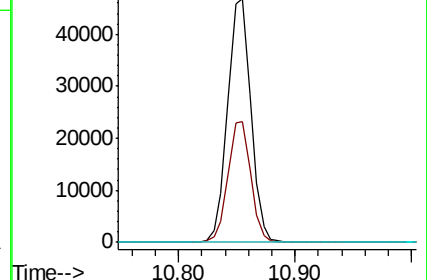
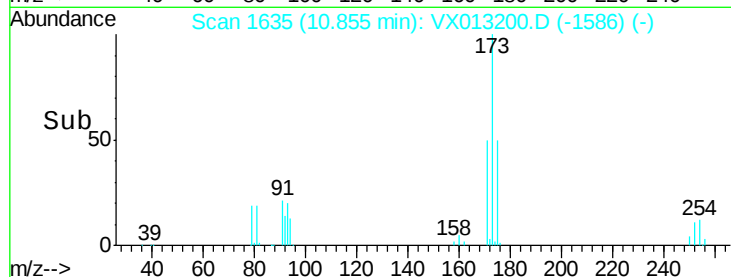
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Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX013200.D

Acq: 24 Oct 2019 10:00

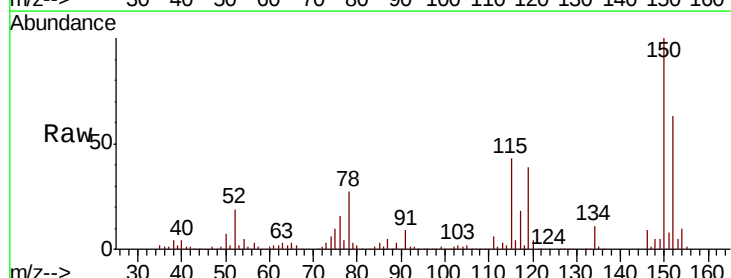
Tgt Ion:152 Resp: 88618

Ion Ratio Lower Upper

152 100

115 94.4 46.6 139.8

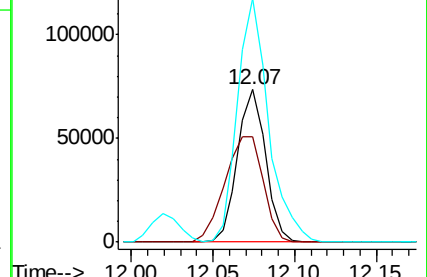
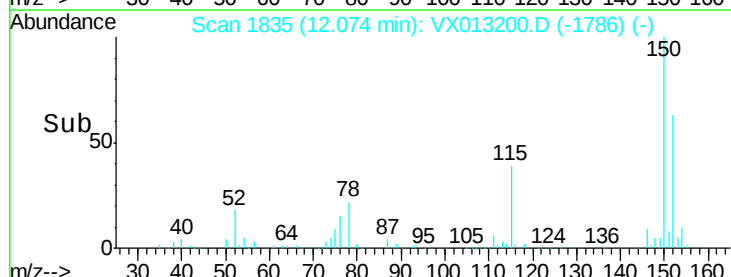
150 176.4 0.0 354.0

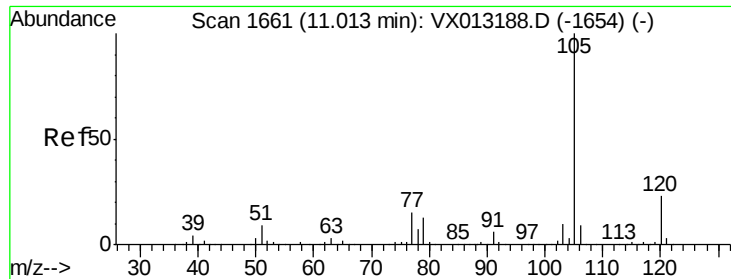


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 49.806 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX013200.D

Acq: 24 Oct 2019 10:00

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 400804

Ion Ratio Lower Upper

105 100

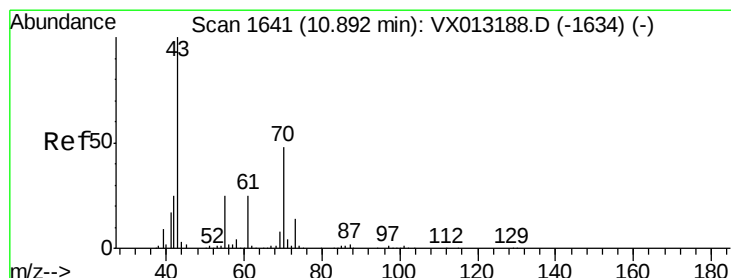
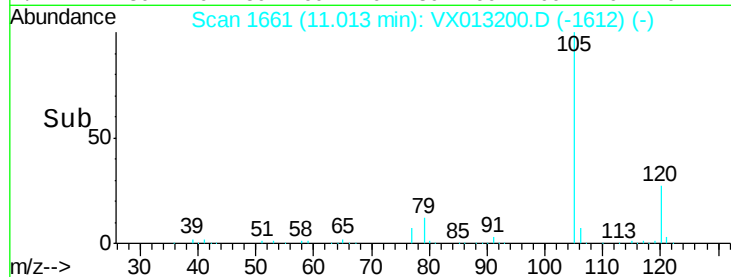
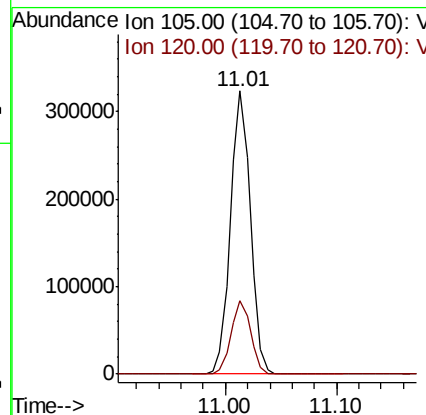
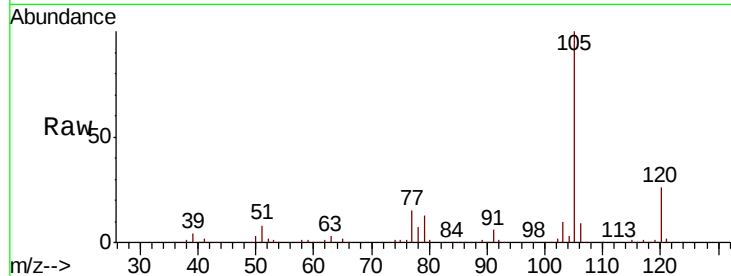
120 25.6 12.6 37.8

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#74

N-ethyl acetate

Concen: 49.310 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX013200.D

Acq: 24 Oct 2019 10:00

Tgt Ion: 43 Resp: 145643

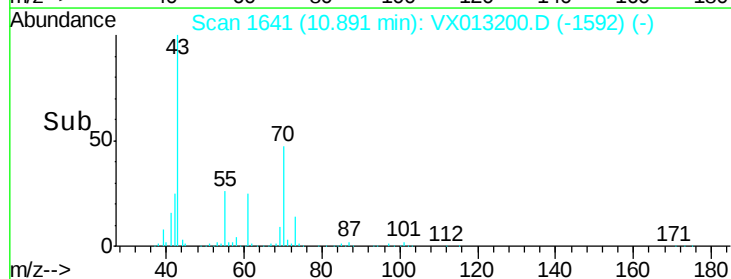
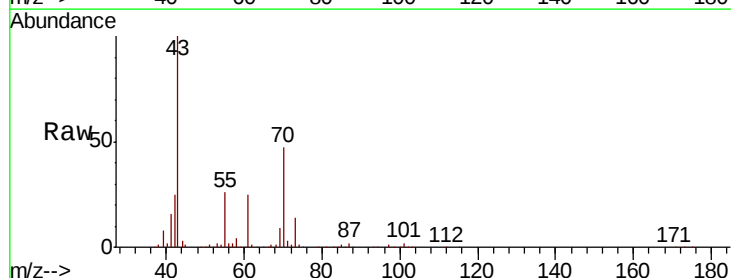
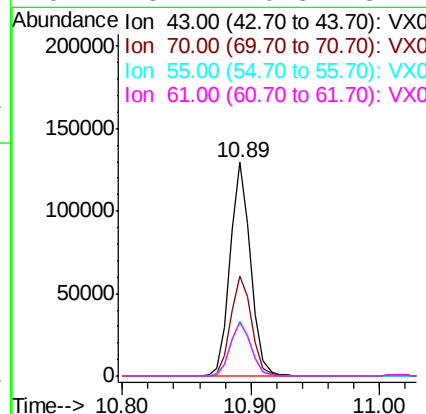
Ion Ratio Lower Upper

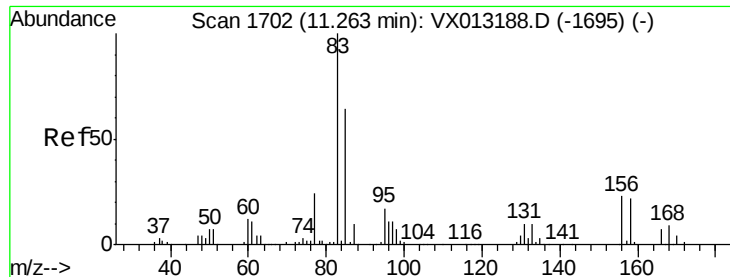
43 100

70 47.8 38.5 57.7

55 25.9 20.7 31.1

61 25.7 20.8 31.2





#75

1,1,2,2-Tetrachloroethane

Concen: 48.350 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX013200.D

Acq: 24 Oct 2019 10:00

Instrument :

MSVOA\_X

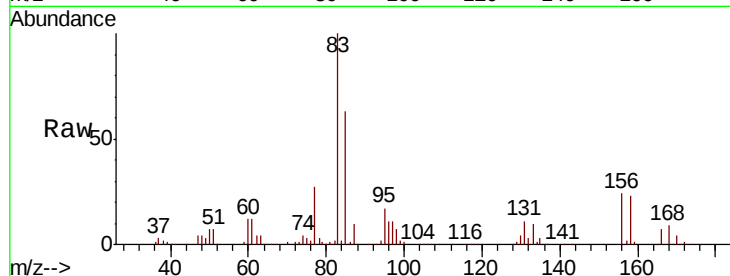
ClientSampleId :

VSTDCCC050

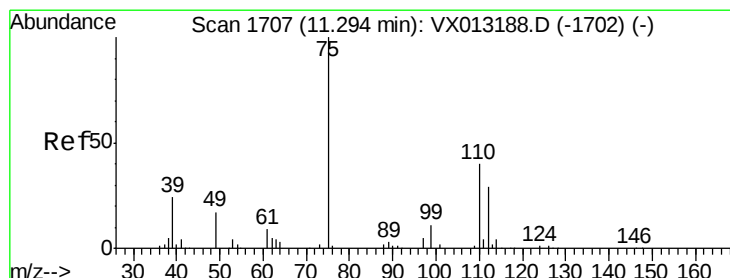
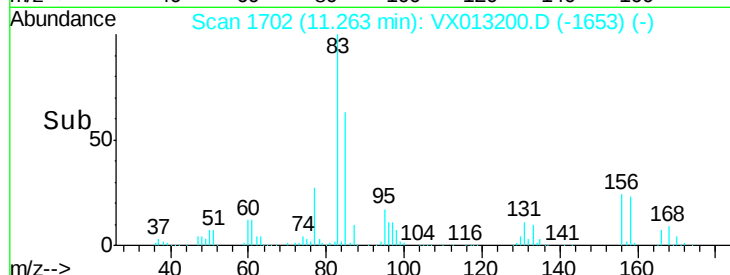
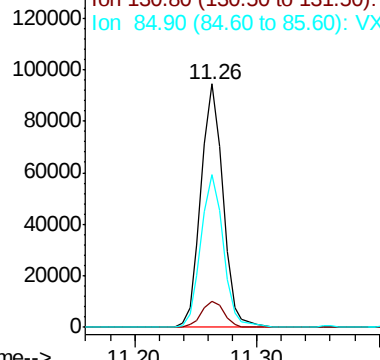
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 83    | Resp: | 118143 |
| Ion Ratio | Lower | Upper |        |
| 83        | 100   |       |        |
| 131       | 10.9  | 5.3   | 16.1   |
| 85        | 63.8  | 31.4  | 94.3   |

Manual Integrations  
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Abundance Ion 82.90 (82.60 to 83.60): VX013200.D (-1653) (-)



#76

1,2,3-Trichloropropane

Concen: 46.849 ug/l m

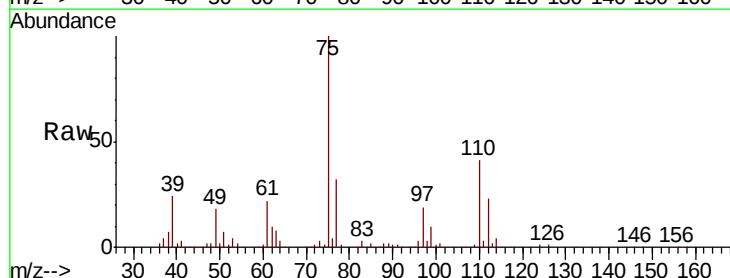
RT: 11.29 min Scan# 1707

Delta R.T. -0.00 min

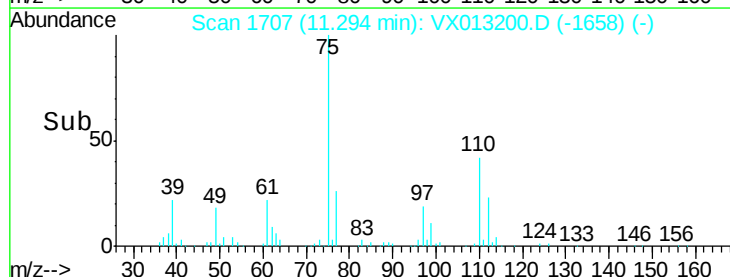
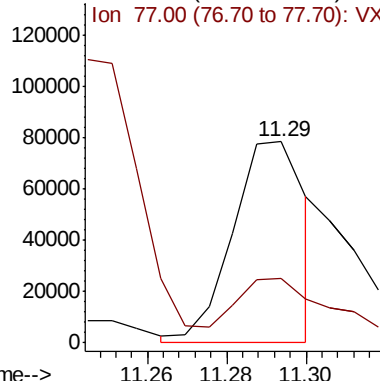
Lab File: VX013200.D

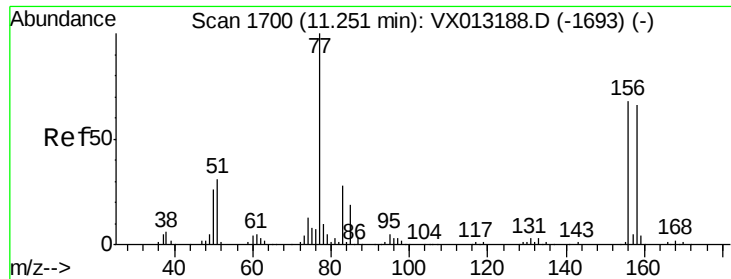
Acq: 24 Oct 2019 10:00

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 75    | Resp: | 100062 |
| Ion Ratio | Lower | Upper |        |
| 75        | 100   |       |        |
| 77        | 42.4  | 19.1  | 57.5   |



Abundance Ion 74.90 (74.60 to 75.60): VX013200.D (-1658) (-)





#77

Bromobenzene

Concen: 49.604 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX013200.D

Acq: 24 Oct 2019 10:00

Instrument :

MSVOA\_X

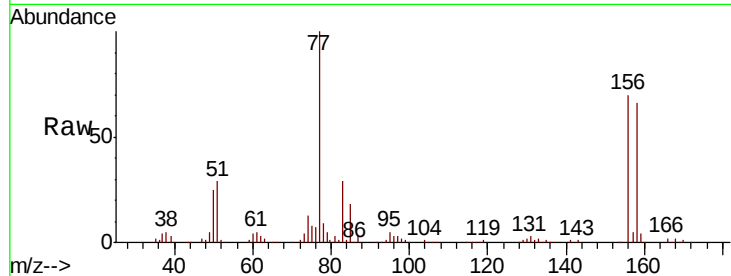
ClientSampleId :

VSTDCCC050

| Tot Ion | Ion   | Ratio | Lower | Upper |
|---------|-------|-------|-------|-------|
| 156     | 100   |       |       |       |
| 77      | 158.0 | 81.7  | 245.1 |       |
| 158     | 97.0  | 49.6  | 148.8 |       |

Manual Integrations  
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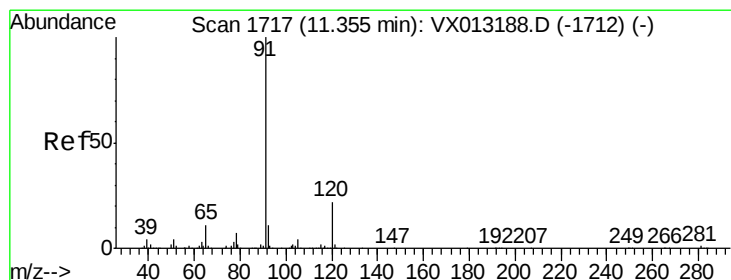
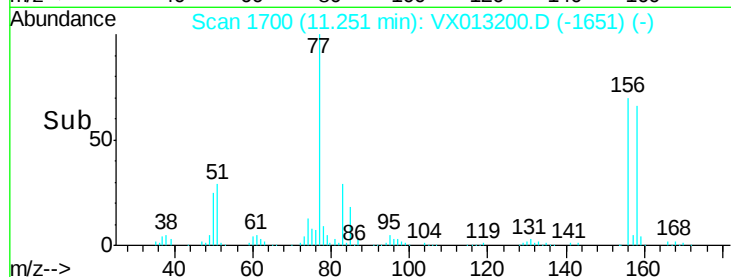
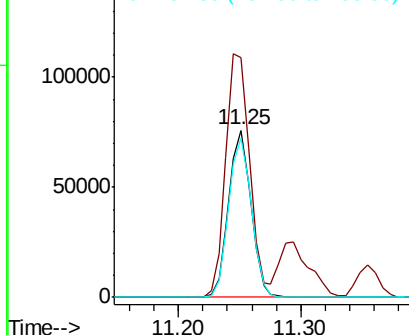
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 49.582 ug/l

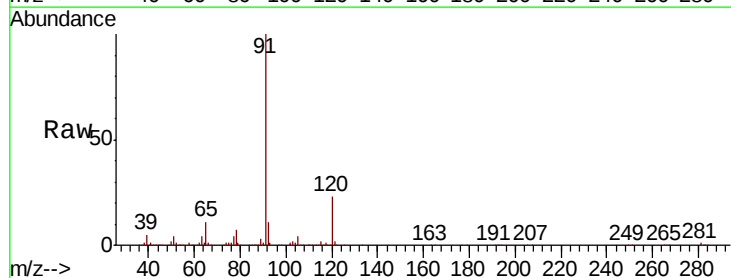
RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX013200.D

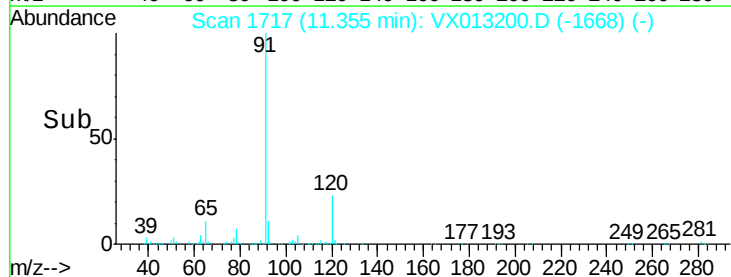
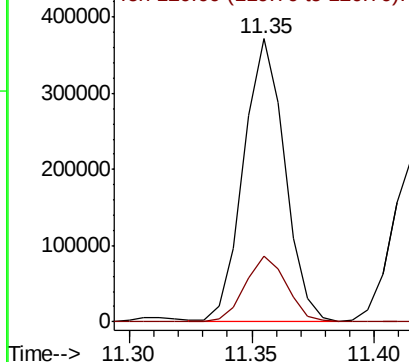
Acq: 24 Oct 2019 10:00

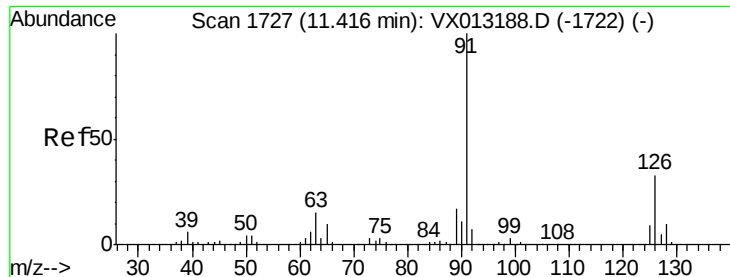
| Tgt Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 91      | 100  |       |       |       |
| 120     | 23.8 | 11.4  | 34.1  |       |



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 47.761 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VX013200.D

Acq: 24 Oct 2019 10:00

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 263785

Ion Ratio Lower Upper

91 100

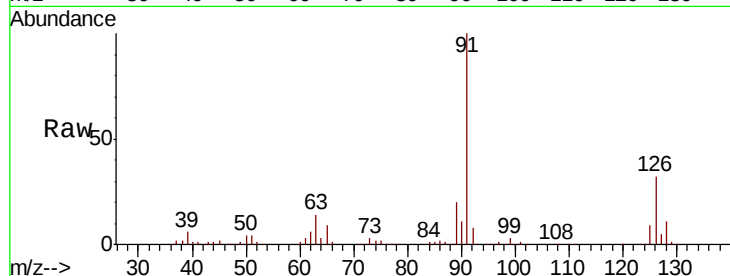
126 33.0 16.3 48.8

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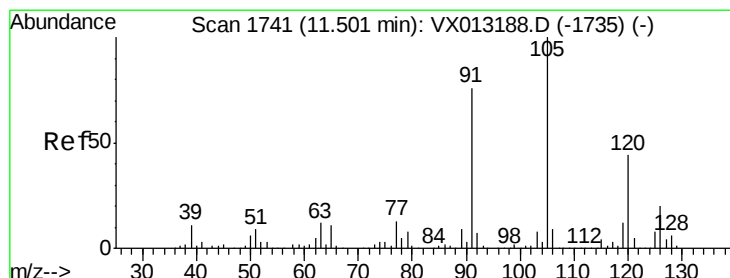
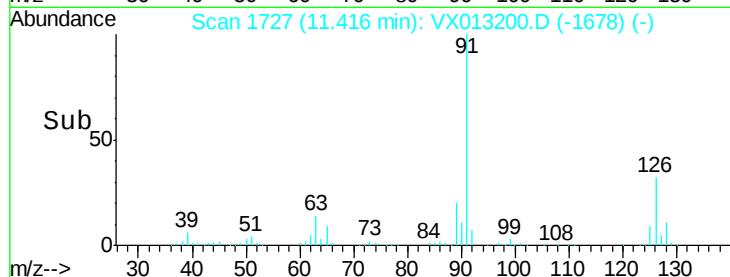
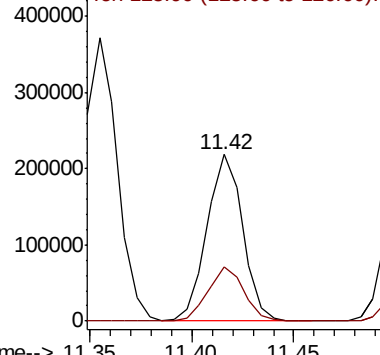
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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 50.164 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX013200.D

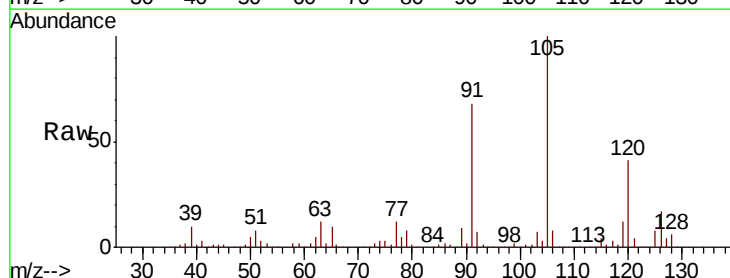
Acq: 24 Oct 2019 10:00

Tgt Ion: 105 Resp: 335536

Ion Ratio Lower Upper

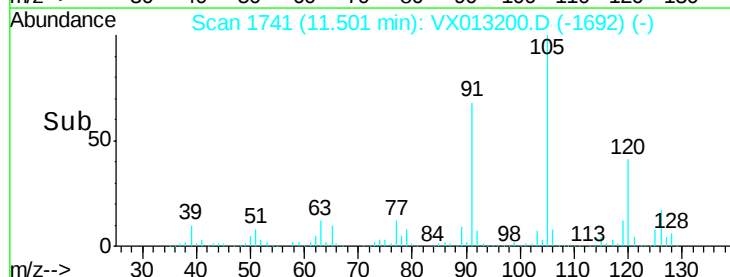
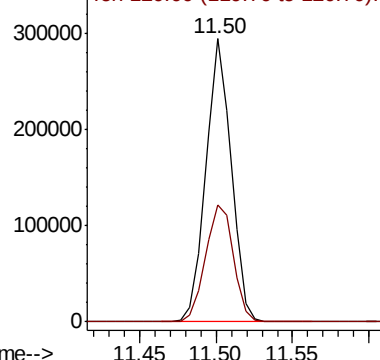
105 100

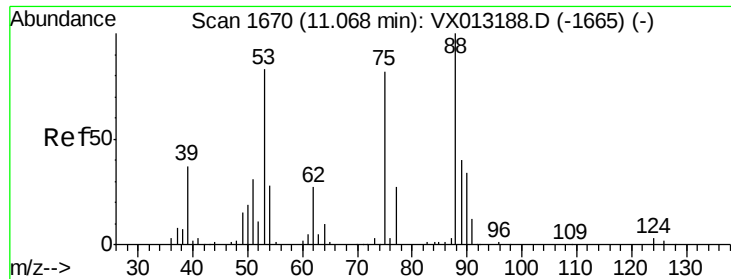
120 45.5 23.4 70.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 51.746 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VX013200.D

Acq: 24 Oct 2019 10:00

Instrument :

MSVOA\_X

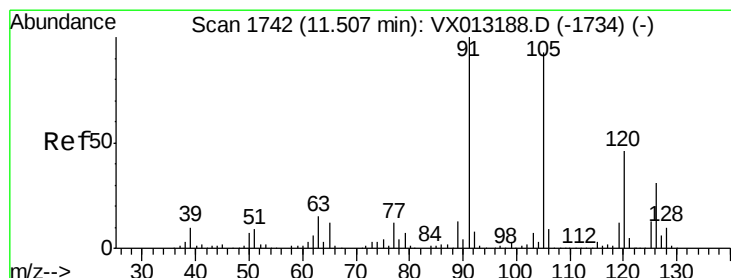
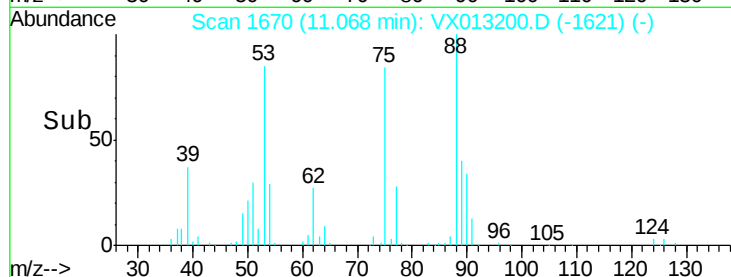
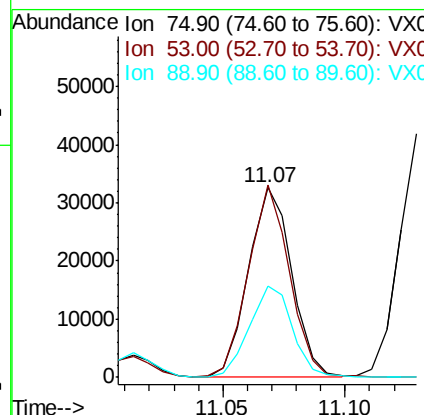
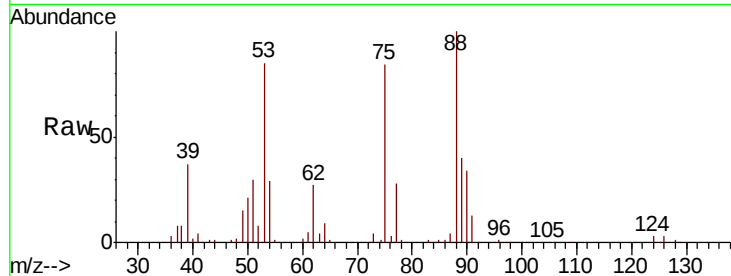
ClientSampleId :

VSTDCCC050

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 75    | Resp: | 40220 |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 53       | 96.3  | 77.9  | 116.9 |
| 89       | 47.8  | 37.3  | 55.9  |

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#82

4-Chlorotoluene

Concen: 49.218 ug/l

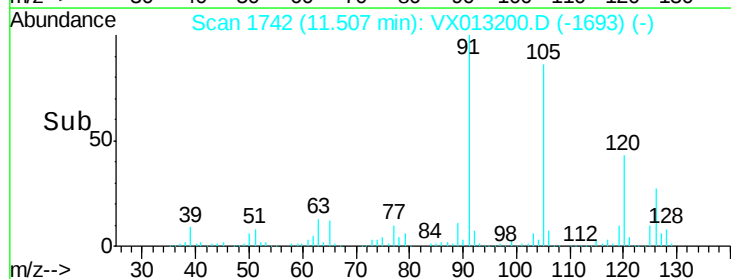
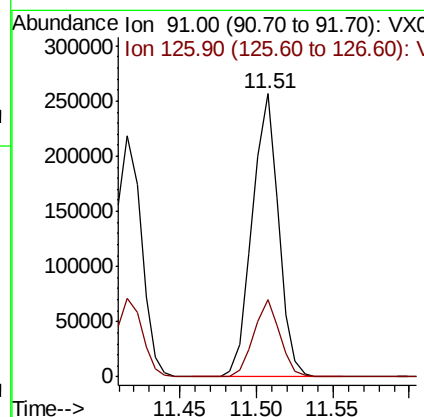
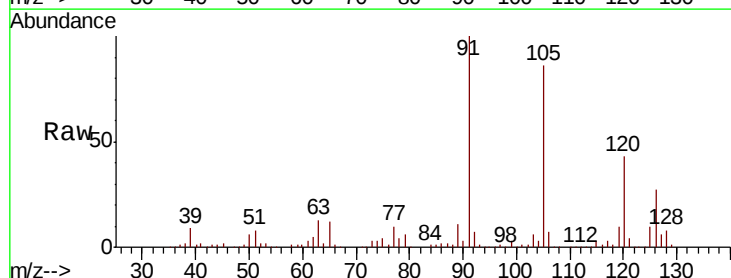
RT: 11.51 min Scan# 1742

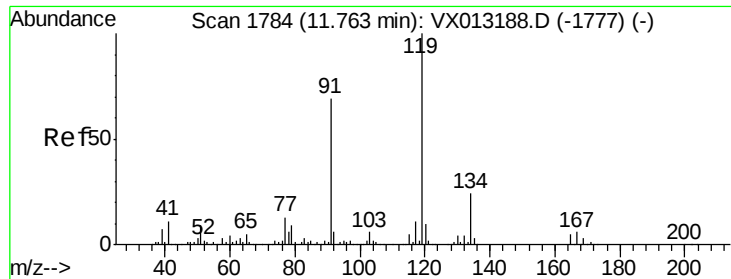
Delta R.T. -0.00 min

Lab File: VX013200.D

Acq: 24 Oct 2019 10:00

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 91    | Resp: | 308000 |
| Ion      | Ratio | Lower | Upper  |
| 91       | 100   |       |        |
| 126      | 27.2  | 14.6  | 44.0   |





#83

tert-Butylbenzene

Concen: 49.231 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. -0.00 min

Lab File: VX013200.D

Acq: 24 Oct 2019 10:00

Instrument :

MSVOA\_X

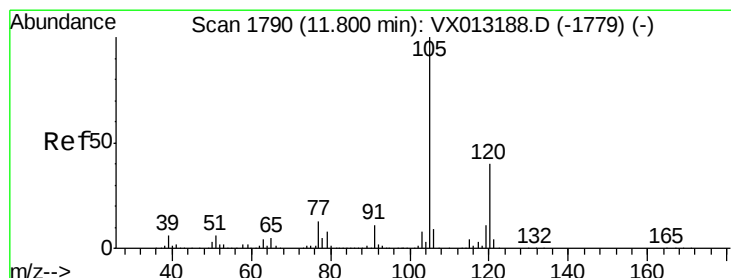
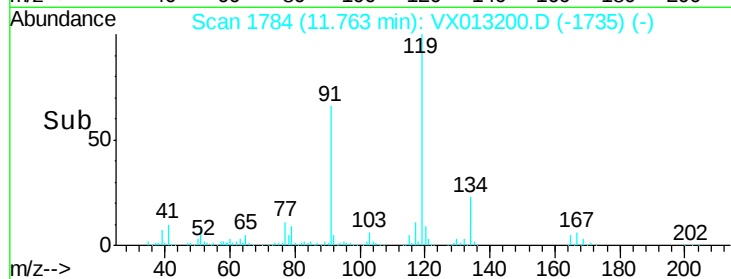
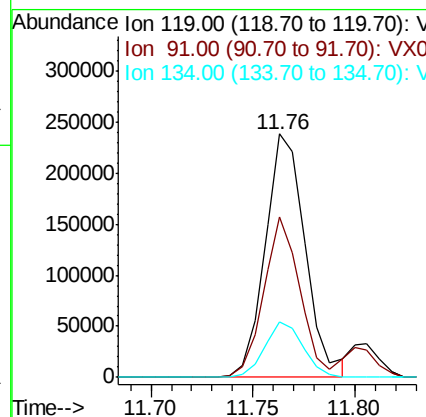
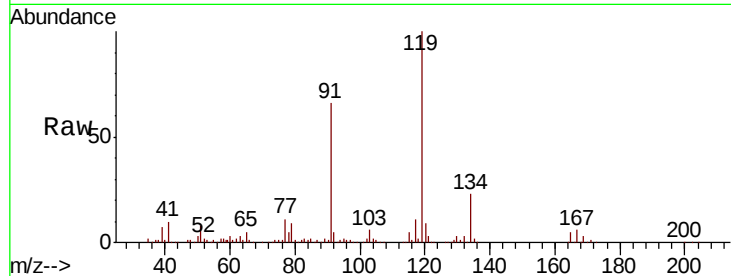
ClientSampleId :

VSTDCCC050

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 119     | 100  |       | 325799 |       |       |
| 91      | 59.4 | 30.8  | 92.4   |       |       |
| 134     | 21.7 | 11.5  | 34.5   |       |       |

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#84

1,2,4-Trimethylbenzene

Concen: 49.341 ug/l

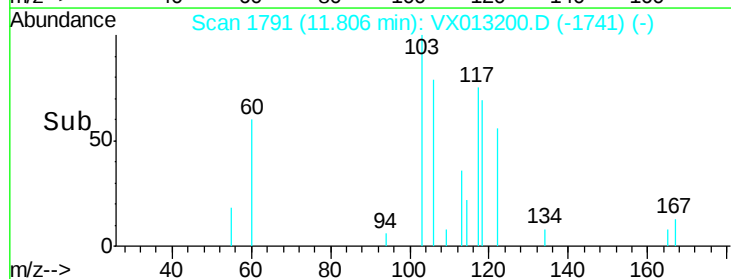
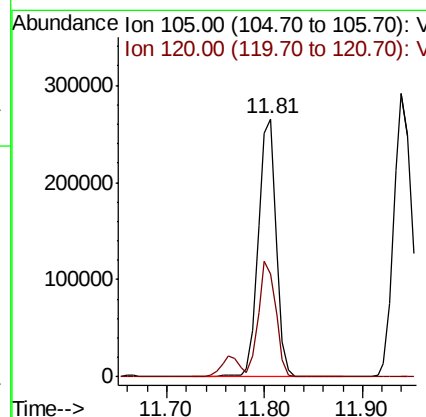
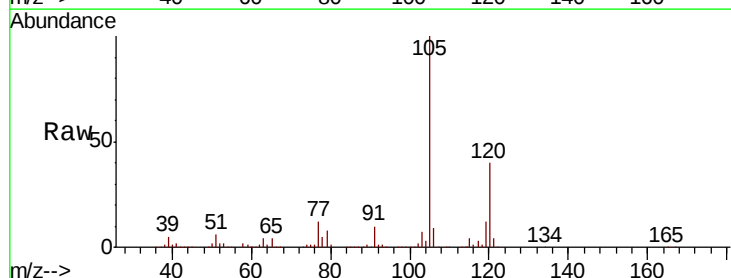
RT: 11.81 min Scan# 1791

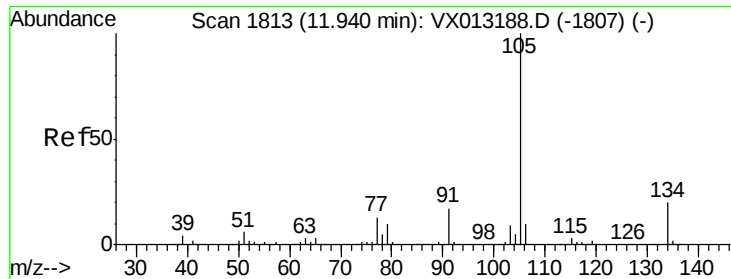
Delta R.T. 0.01 min

Lab File: VX013200.D

Acq: 24 Oct 2019 10:00

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 105     | 100  |       | 332896 |       |       |
| 120     | 43.6 | 21.4  | 64.3   |       |       |





#85

sec-Butylbenzene

Concen: 49.153 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX013200.D

Acq: 24 Oct 2019 10:00

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 370168

Ion Ratio Lower Upper

105 100

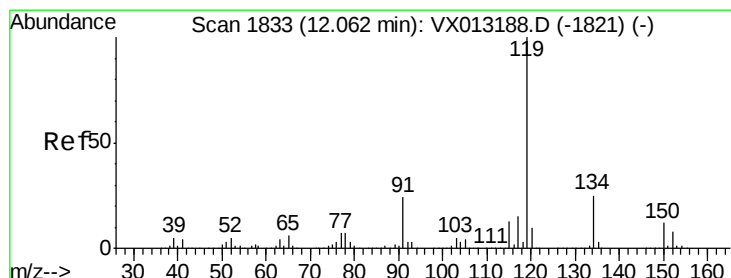
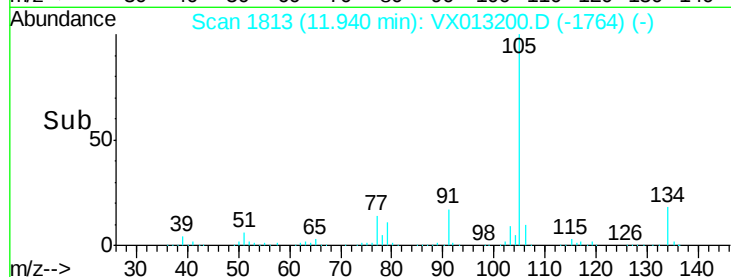
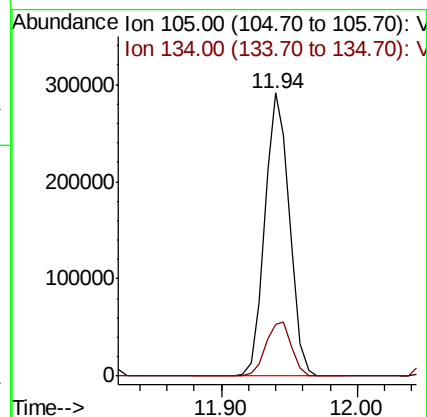
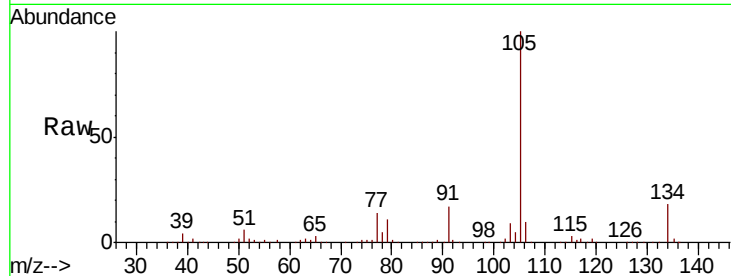
134 19.8 9.9 29.7

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 51.903 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VX013200.D

Acq: 24 Oct 2019 10:00

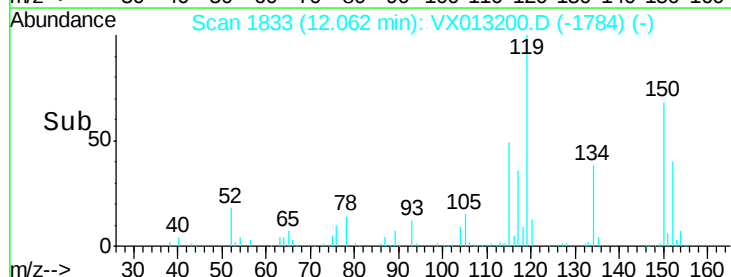
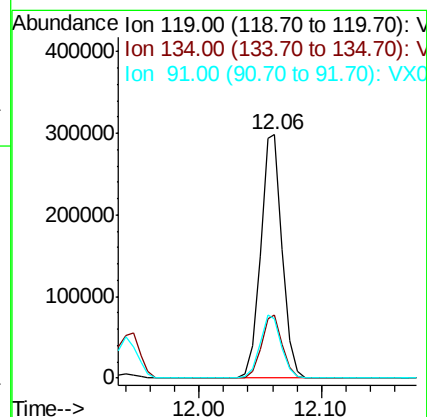
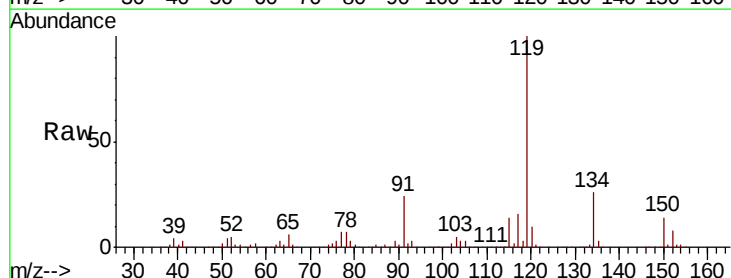
Tgt Ion:119 Resp: 367219

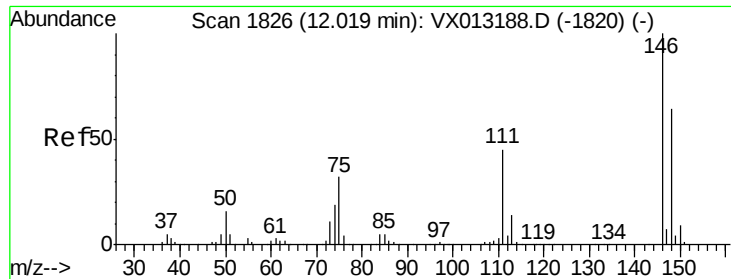
Ion Ratio Lower Upper

119 100

134 25.2 12.5 37.5

91 25.5 12.4 37.2





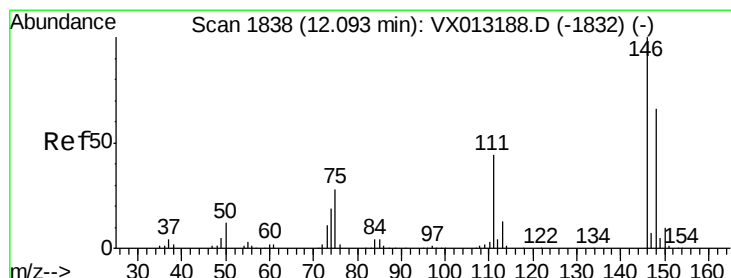
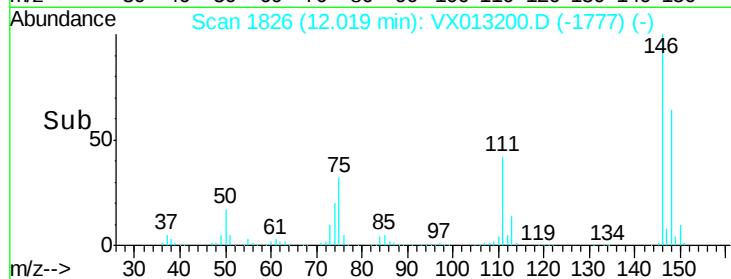
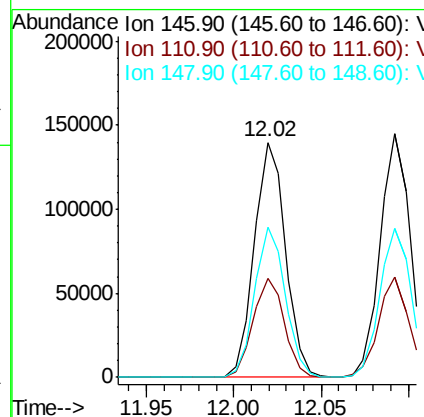
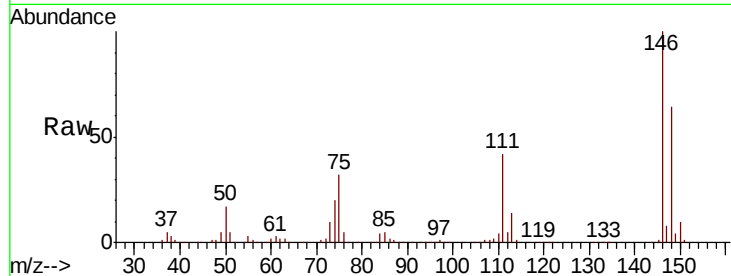
#87  
 1,3-Dichlorobenzene  
 Concen: 49.690 ug/l  
 RT: 12.02 min Scan# 1826  
 Delta R.T. -0.00 min  
 Lab File: VX013200.D  
 Acq: 24 Oct 2019 10:00

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 42.4  | 21.3  | 63.9  |
| 148     | 63.0  | 31.6  | 94.8  |

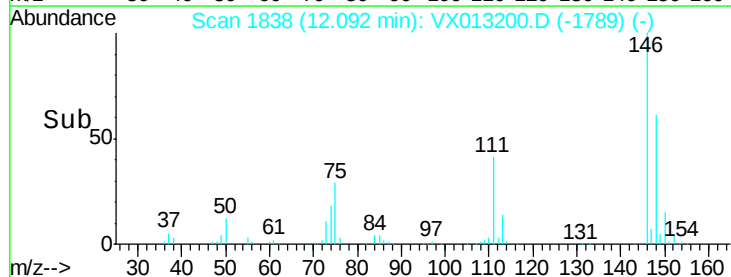
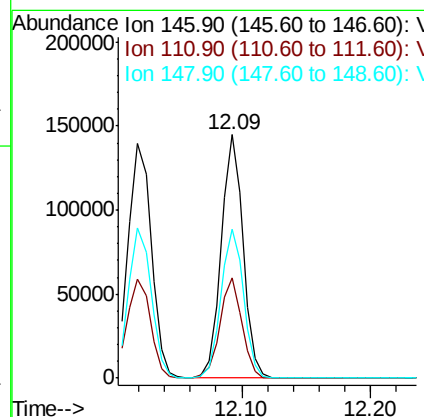
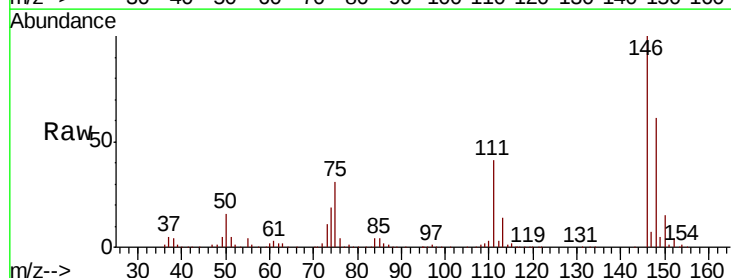
Manual Integrations  
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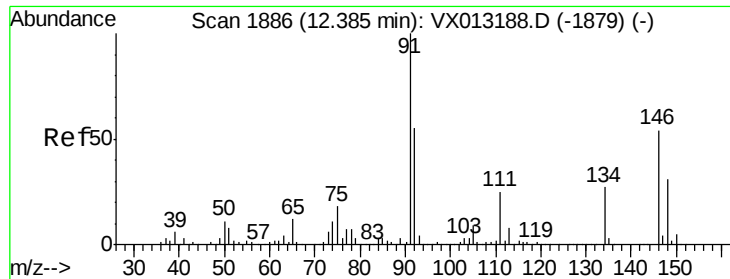
MMDadoda  
 10/28/2019 12:53:24 PM



#88  
 1,4-Dichlorobenzene  
 Concen: 49.064 ug/l  
 RT: 12.09 min Scan# 1838  
 Delta R.T. -0.00 min  
 Lab File: VX013200.D  
 Acq: 24 Oct 2019 10:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 41.5  | 21.3  | 63.9  |
| 148     | 63.4  | 32.5  | 97.5  |





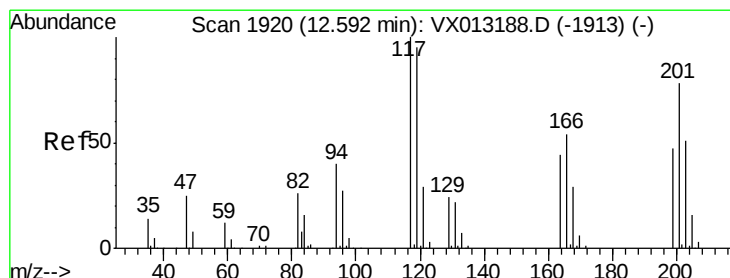
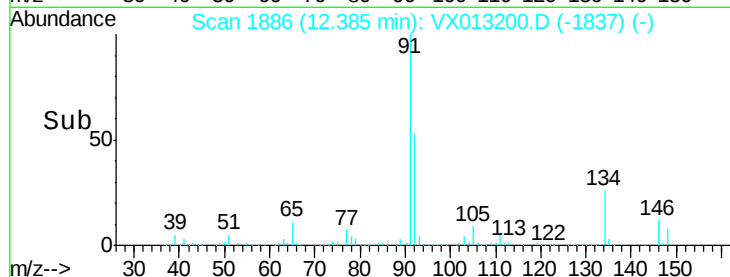
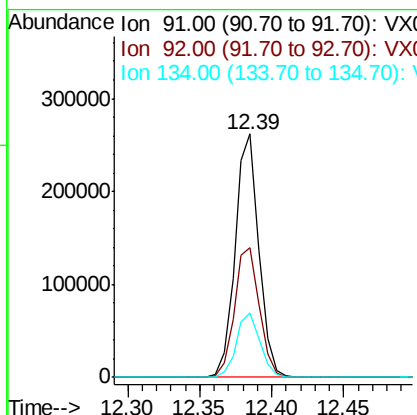
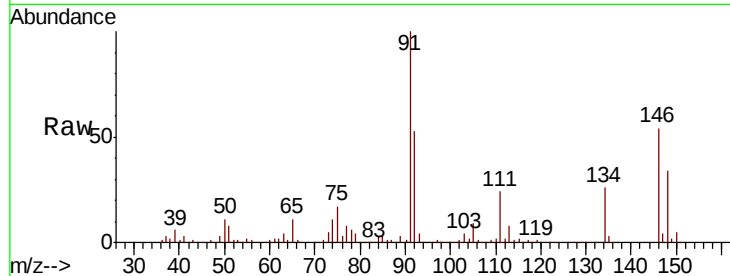
#89  
n-Butylbenzene  
Concen: 51.920 ug/l  
RT: 12.39 min Scan# 1886  
Delta R.T. -0.00 min  
Lab File: VX013200.D  
Acq: 24 Oct 2019 10:00

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 92      | 55.9  | 27.7  | 83.1  |
| 134     | 26.5  | 13.2  | 39.6  |

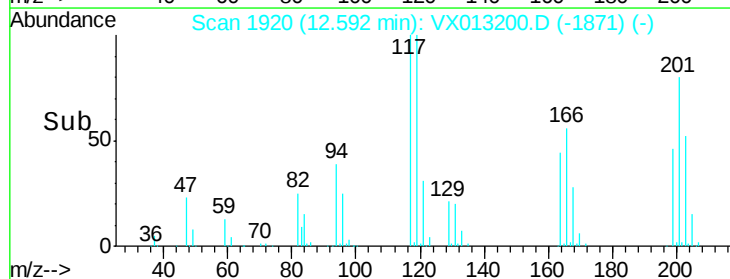
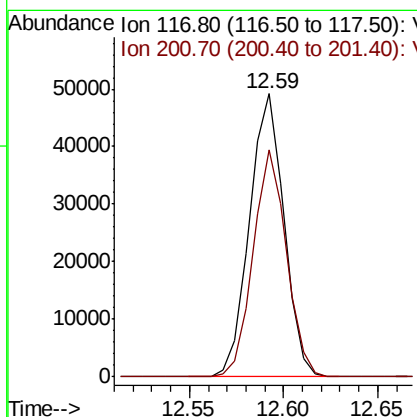
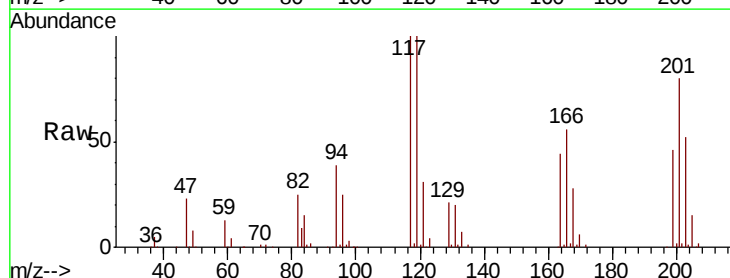
Manual Integrations  
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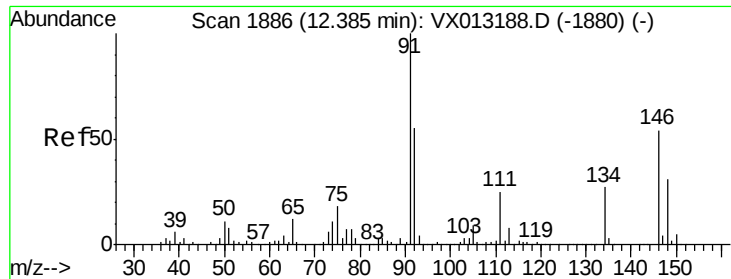
MMDadoda  
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#90  
Hexachloroethane  
Concen: 52.612 ug/l  
RT: 12.59 min Scan# 1920  
Delta R.T. -0.00 min  
Lab File: VX013200.D  
Acq: 24 Oct 2019 10:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 201     | 77.5  | 39.0  | 116.9 |





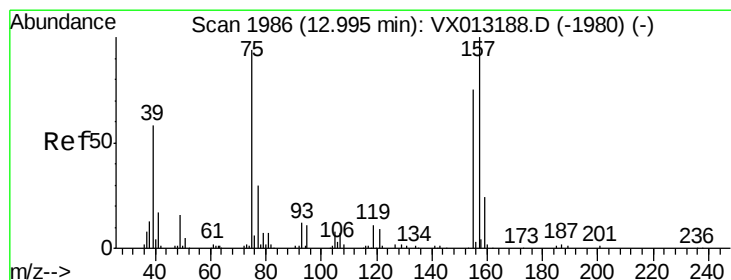
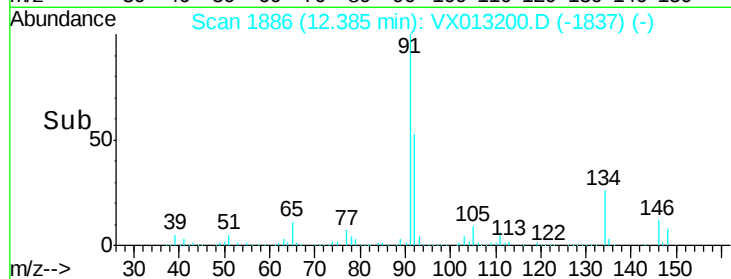
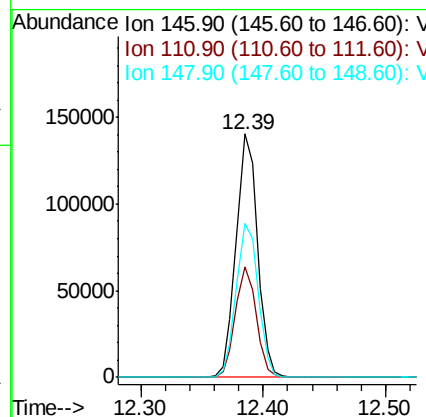
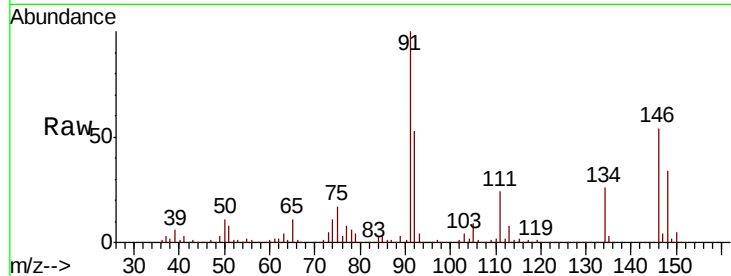
#91  
 1,2-Dichlorobenzene  
 Concen: 49.333 ug/l  
 RT: 12.39 min Scan# 1886  
 Delta R.T. -0.00 min  
 Lab File: VX013200.D  
 Acq: 24 Oct 2019 10:00

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 44.5  | 22.9  | 68.8  |
| 148     | 65.0  | 31.8  | 95.3  |

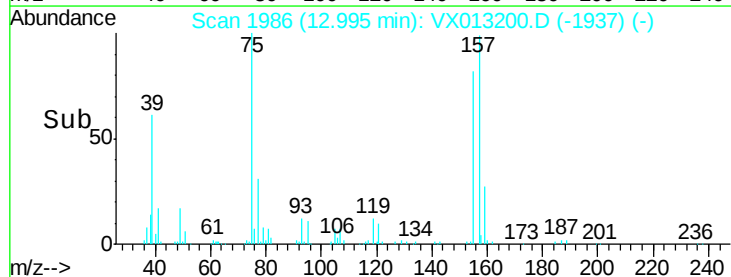
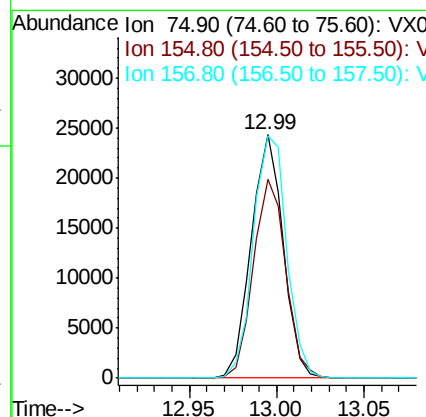
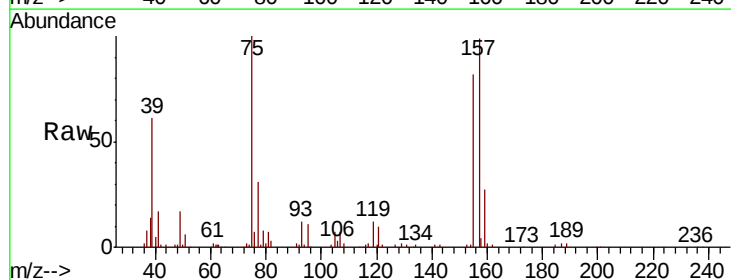
Manual Integrations  
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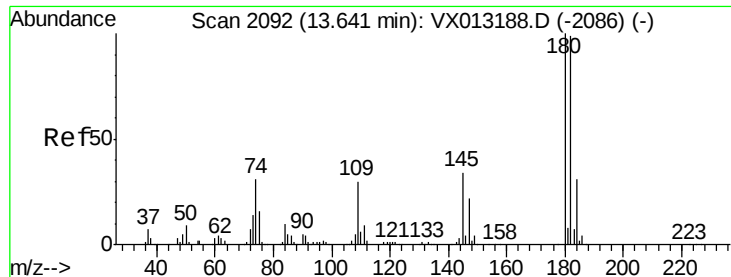
MMDadoda  
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#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 50.830 ug/l  
 RT: 12.99 min Scan# 1986  
 Delta R.T. -0.00 min  
 Lab File: VX013200.D  
 Acq: 24 Oct 2019 10:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 155     | 82.4  | 42.8  | 128.4 |
| 157     | 104.1 | 54.3  | 162.8 |





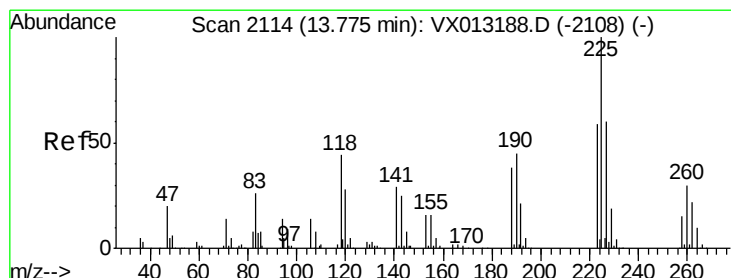
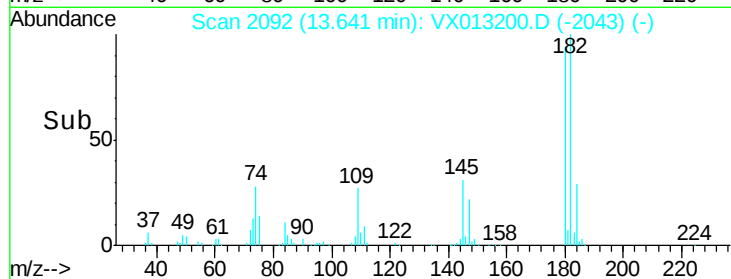
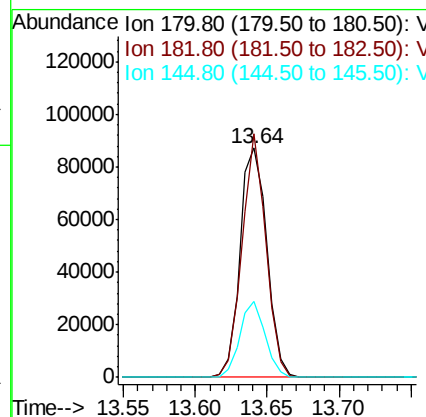
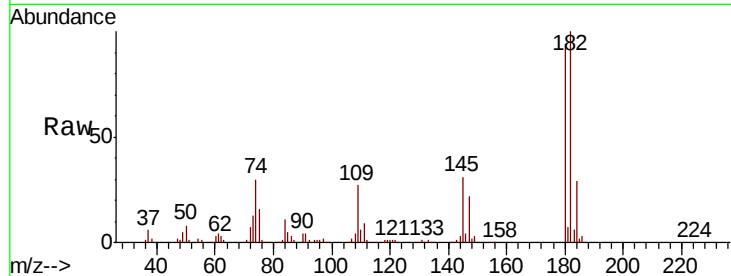
#93  
 1,2,4-Trichlorobenzene  
 Concen: 52.338 ug/l  
 RT: 13.64 min Scan# 2092  
 Delta R.T. -0.00 min  
 Lab File: VX013200.D  
 Acq: 24 Oct 2019 10:00

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   |        |       |       |
| 182     | 94.6  | 112922 | 45.9  | 137.6 |
| 145     | 31.4  |        | 15.9  | 47.6  |

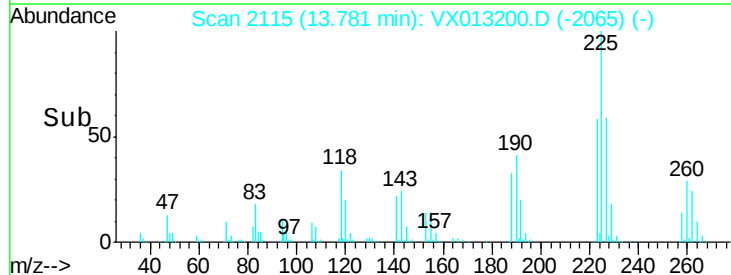
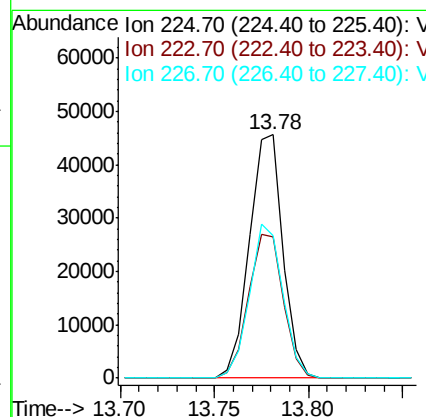
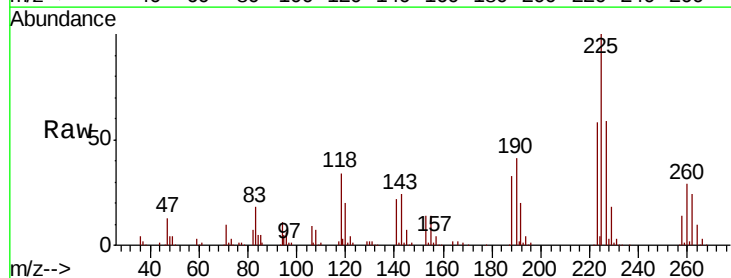
Manual Integrations  
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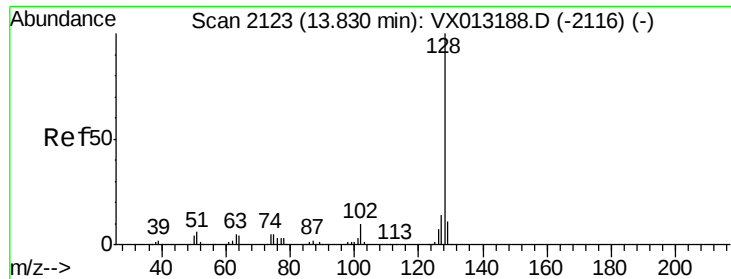
MMDadoda  
 10/28/2019 12:53:24 PM



#94  
 Hexachlorobutadiene  
 Concen: 50.428 ug/l  
 RT: 13.78 min Scan# 2115  
 Delta R.T. 0.01 min  
 Lab File: VX013200.D  
 Acq: 24 Oct 2019 10:00

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 225     | 100   | 56281 |       |       |
| 223     | 61.3  |       | 30.9  | 92.5  |
| 227     | 62.9  |       | 30.3  | 90.9  |





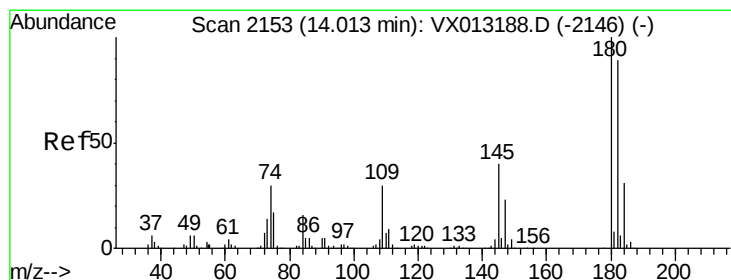
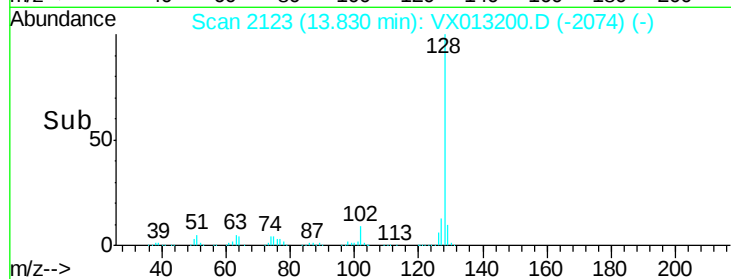
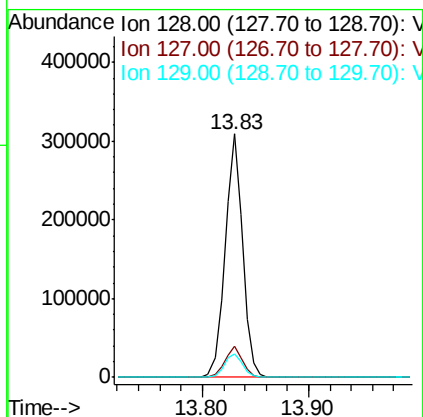
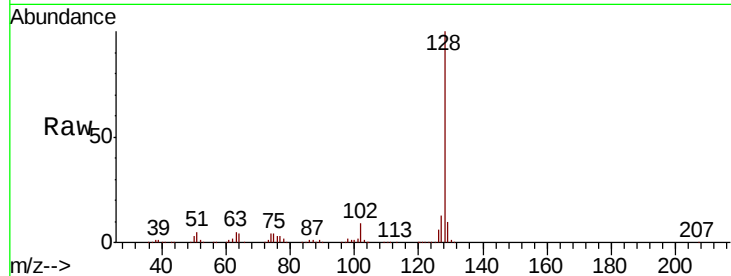
#95  
Naphthalene  
Concen: 53.291 ug/l  
RT: 13.83 min Scan# 2123  
Delta R.T. -0.00 min  
Lab File: VX013200.D  
Acq: 24 Oct 2019 10:00

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 127     | 12.7  | 10.7  | 16.1  |
| 129     | 10.3  | 8.6   | 13.0  |

Manual Integrations  
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#96  
1,2,3-Trichlorobenzene  
Concen: 53.323 ug/l  
RT: 14.01 min Scan# 2153  
Delta R.T. -0.00 min  
Lab File: VX013200.D  
Acq: 24 Oct 2019 10:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 94.3  | 48.3  | 144.9 |
| 145     | 33.4  | 18.6  | 55.6  |

