

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX122420\  
 Data File : VX020395.D  
 Acq On : 24 Dec 2020 18:07  
 Operator : JC/MD  
 Sample : L5124-15  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :

Quant Time: Dec 25 01:16:04 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X121820W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Dec 18 13:09:49 2020  
 Response via : Initial Calibration

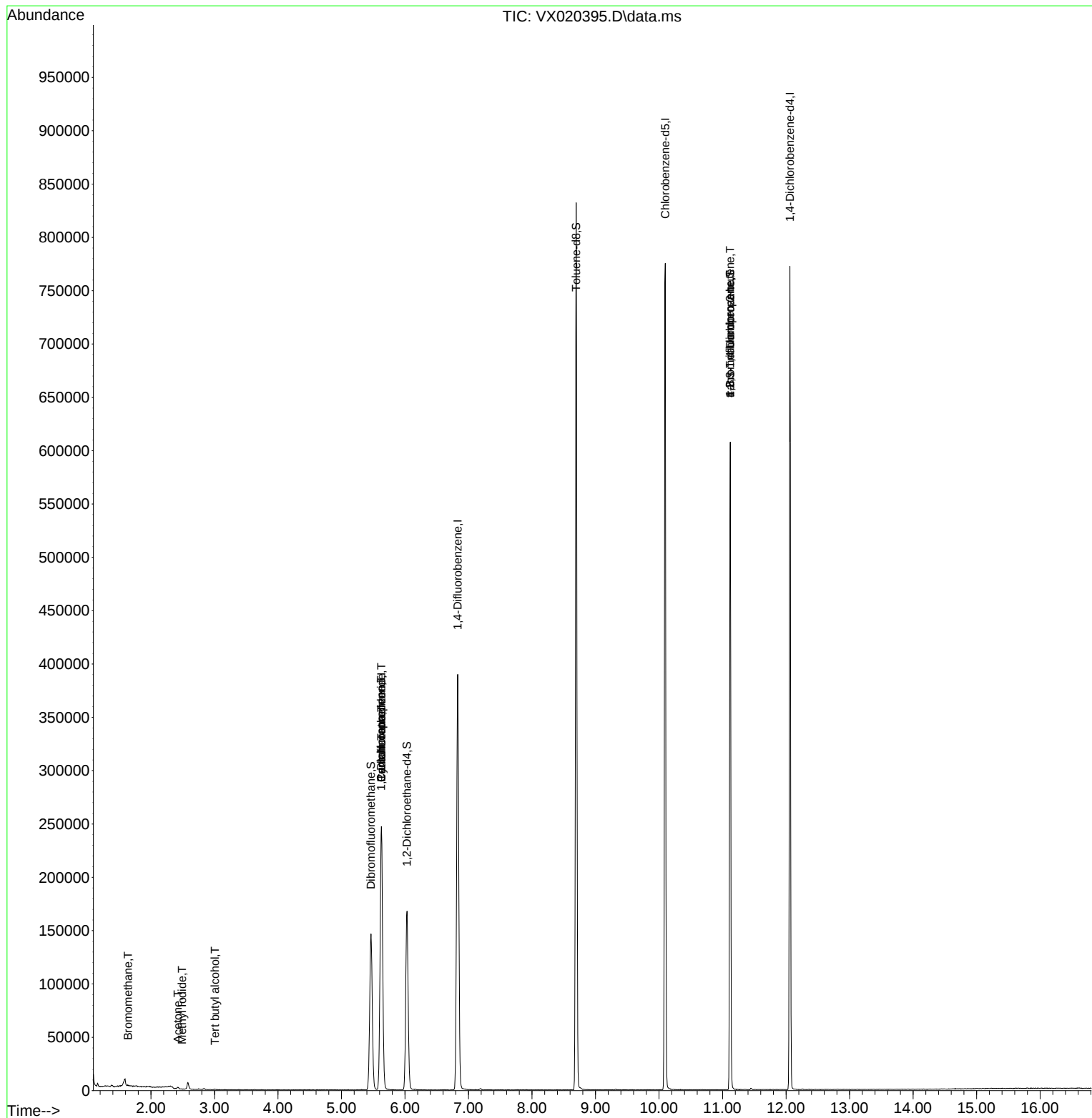
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) Pentafluorobenzene         | 5.629  | 168   | 233216   | 50.00    | ug/l   | 0.01     |
| 34) 1,4-Difluorobenzene       | 6.830  | 114   | 390810   | 50.00    | ug/l   | 0.00     |
| 63) Chlorobenzene-d5          | 10.098 | 117   | 366457   | 50.00    | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4    | 12.061 | 152   | 155400   | 50.00    | ug/l   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4     | 6.031  | 65    | 158730   | 50.78    | ug/l   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 61 - 141 | Recovery | =      | 101.56%  |
| 35) Dibromofluoromethane      | 5.464  | 113   | 128363   | 51.34    | ug/l   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 69 - 133 | Recovery | =      | 102.68%  |
| 50) Toluene-d8                | 8.696  | 98    | 483750   | 50.27    | ug/l   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 65 - 126 | Recovery | =      | 100.54%  |
| 62) 4-Bromofluorobenzene      | 11.122 | 95    | 163066   | 44.27    | ug/l   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 58 - 135 | Recovery | =      | 88.54%   |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 5) Bromomethane               | 1.636  | 94    | 516      | 0.50     | ug/l # | 41       |
| 10) Methyl Iodide             | 2.489  | 142   | 57       | 3.30     | ug/l # | 42       |
| 11) Tert butyl alcohol        | 3.008  | 59    | 328      | 0.47     | ug/l # | 73       |
| 16) Acetone                   | 2.422  | 43    | 1770     | 1.24     | ug/l   | 92       |
| 31) Cyclohexane               | 5.629  | 56    | 4632     | 1.07     | ug/l # | 1        |
| 36) 1,1-Dichloropropene       | 5.623  | 75    | 18423    | 4.77     | ug/l # | 48       |
| 38) Carbon Tetrachloride      | 5.629  | 117   | 23053    | 6.28     | ug/l # | 16       |
| 76) 1,2,3-Trichloropropane    | 11.122 | 75    | 80007    | 20.90    | ug/l # | 39       |
| 81) trans-1,4-Dichloro-2-b... | 11.122 | 75    | 80007    | 62.01    | ug/l # | 12       |
| -----                         |        |       |          |          |        |          |

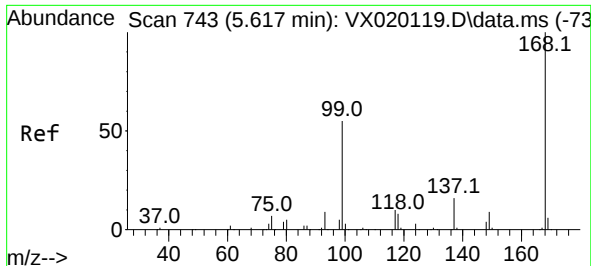
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX122420\  
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Sample : L5124-15  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 21 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :

Quant Time: Dec 25 01:16:04 2020  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X121820W.M  
Quant Title : SW846 8260  
QLast Update : Fri Dec 18 13:09:49 2020  
Response via : Initial Calibration

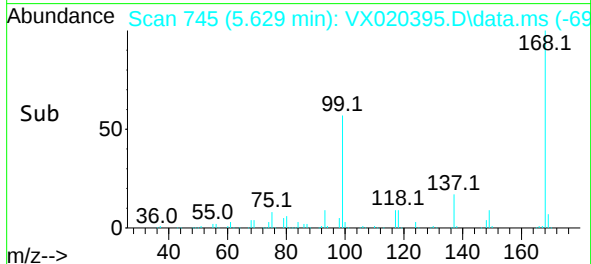
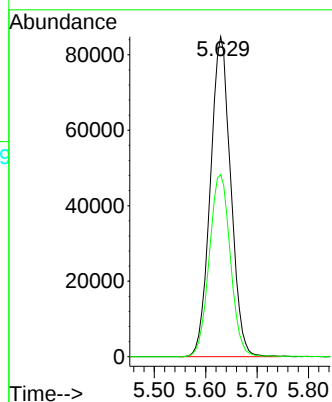
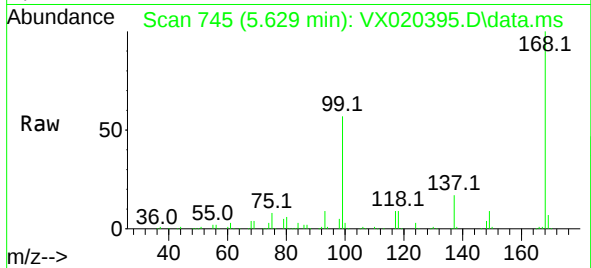




#1  
Pentafluorobenzene  
Concen: 50.00 ug/l  
RT: 5.629 min Scan# 745  
Delta R.T. 0.012 min  
Lab File: VX020395.D  
Acq: 24 Dec 2020 18:07

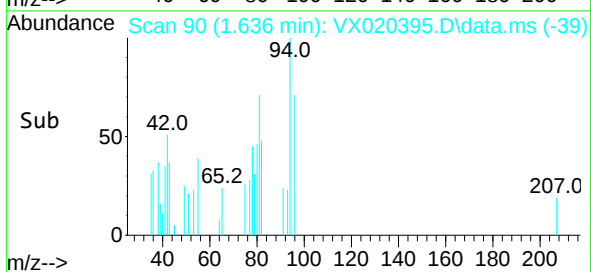
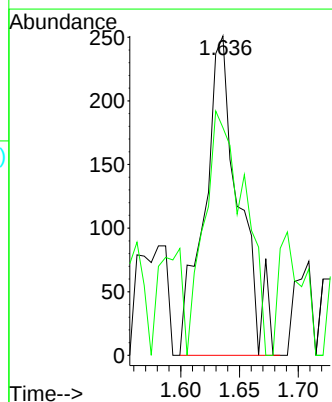
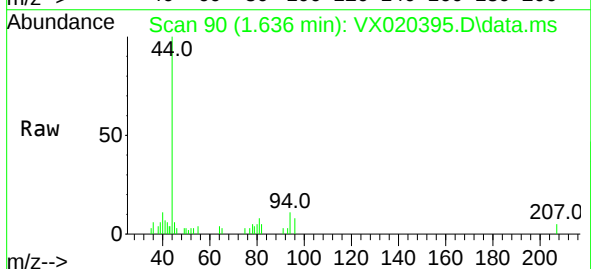
Instrument :  
MSVOA\_X  
ClientSampleId :

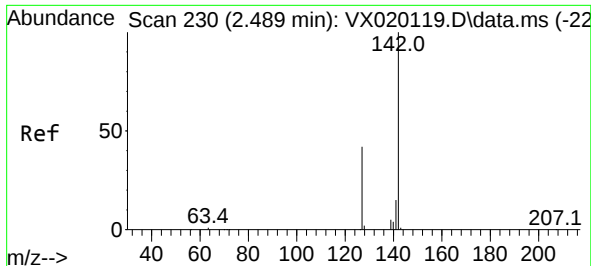
Tgt Ion:168 Resp: 233216  
Ion Ratio Lower Upper  
168 100  
99 56.9 45.8 68.6



#5  
Bromomethane  
Concen: 0.50 ug/l  
RT: 1.636 min Scan# 90  
Delta R.T. 0.012 min  
Lab File: VX020395.D  
Acq: 24 Dec 2020 18:07

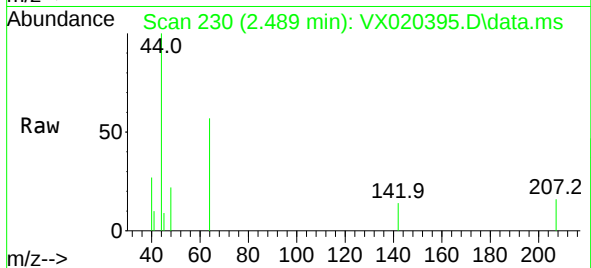
Tgt Ion: 94 Resp: 516  
Ion Ratio Lower Upper  
94 100  
96 37.8 76.4 114.6#



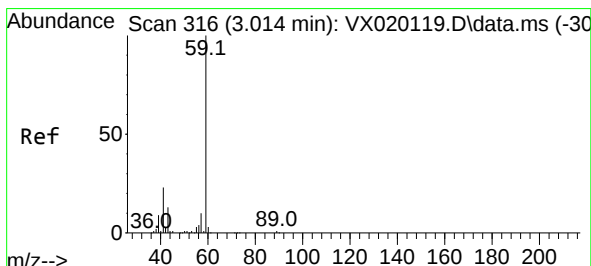
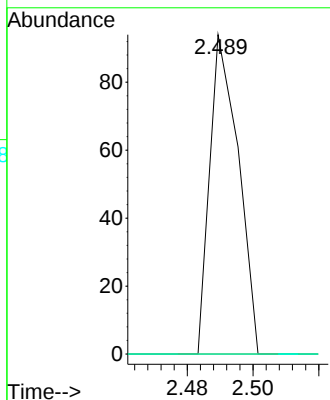
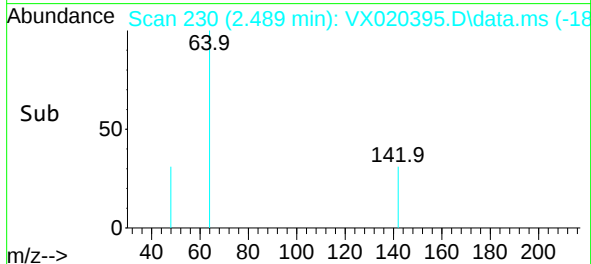


#10  
Methyl Iodide  
Concen: 3.30 ug/l  
RT: 2.489 min Scan# 230  
Delta R.T. 0.000 min  
Lab File: VX020395.D  
Acq: 24 Dec 2020 18:07

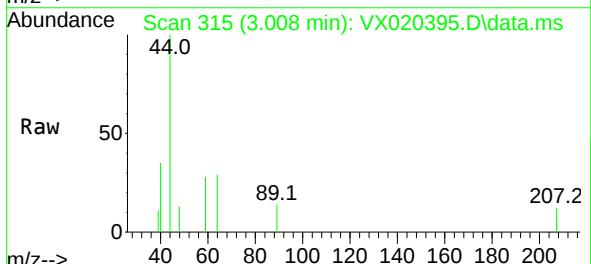
Instrument :  
MSVOA\_X  
ClientSampled :



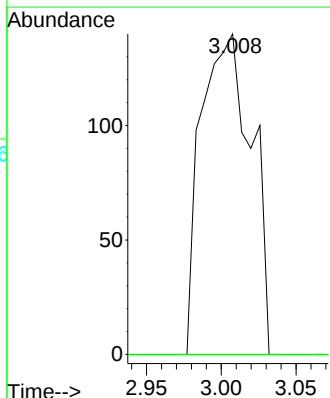
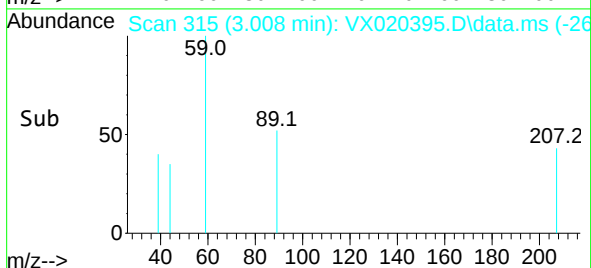
Tgt Ion:142 Resp: 57  
Ion Ratio Lower Upper  
142 100  
127 0.0 33.3 49.9#  
141 0.0 11.4 17.0#

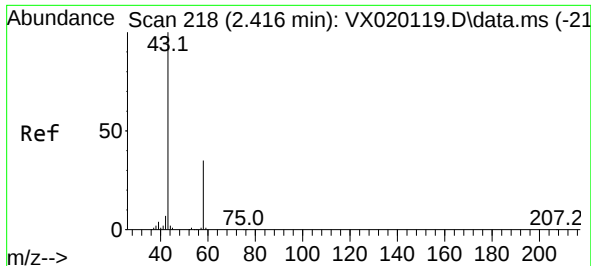


#11  
Tert butyl alcohol  
Concen: 0.47 ug/l  
RT: 3.008 min Scan# 315  
Delta R.T. -0.006 min  
Lab File: VX020395.D  
Acq: 24 Dec 2020 18:07



Tgt Ion: 59 Resp: 328  
Ion Ratio Lower Upper  
59 100  
57 0.0 7.8 11.8#

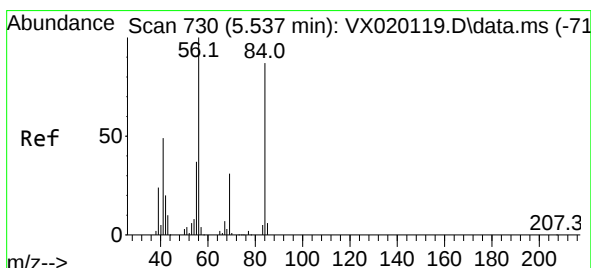
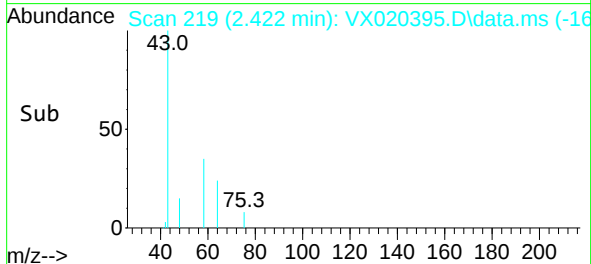
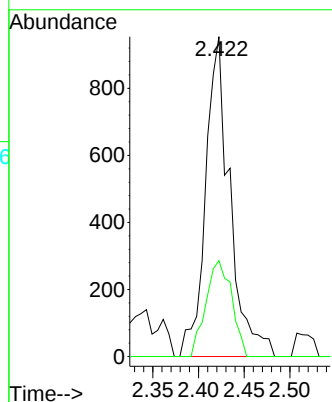
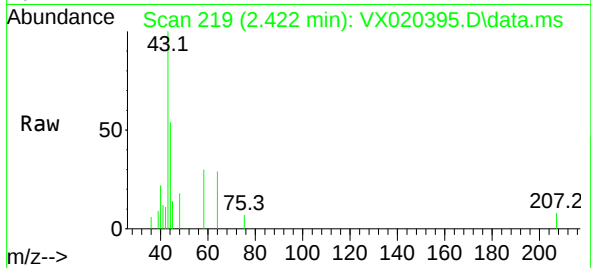




#16  
Acetone  
Concen: 1.24 ug/l  
RT: 2.422 min Scan# 219  
Delta R.T. 0.006 min  
Lab File: VX020395.D  
Acq: 24 Dec 2020 18:07

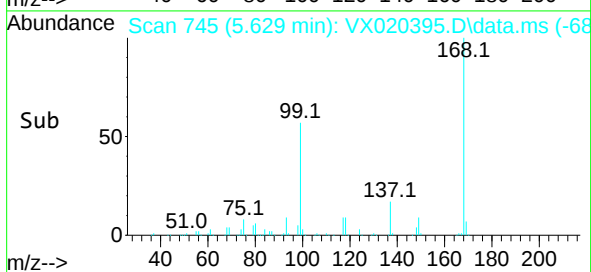
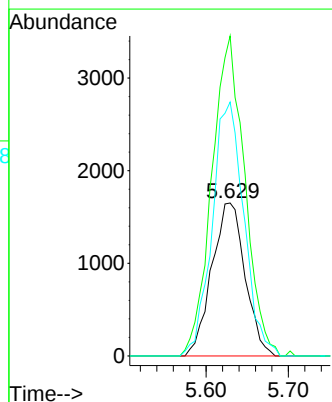
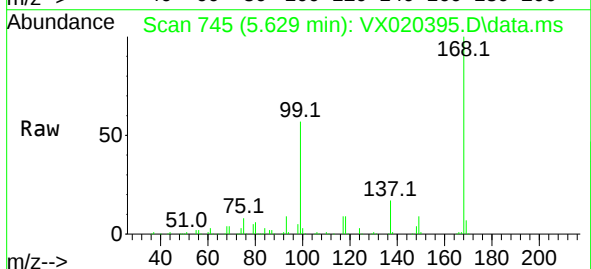
Instrument :  
MSVOA\_X  
ClientSampled :

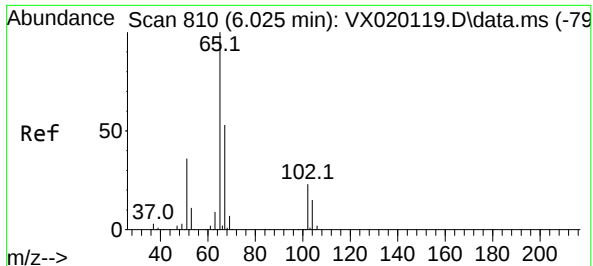
Tgt Ion: 43 Resp: 1770  
Ion Ratio Lower Upper  
43 100  
58 30.0 27.8 41.8



#31  
Cyclohexane  
Concen: 1.07 ug/l  
RT: 5.629 min Scan# 745  
Delta R.T. 0.092 min  
Lab File: VX020395.D  
Acq: 24 Dec 2020 18:07

Tgt Ion: 56 Resp: 4632  
Ion Ratio Lower Upper  
56 100  
69 209.3 25.3 37.9#  
84 166.0 71.4 107.0#





#33

1,2-Dichloroethane-d4

Concen: 50.78 ug/l

RT: 6.031 min Scan# 811

Delta R.T. 0.006 min

Lab File: VX020395.D

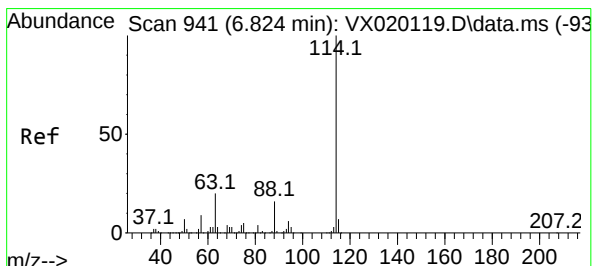
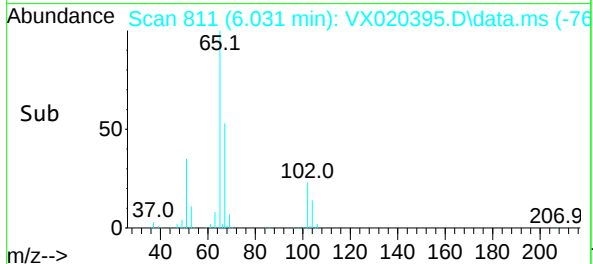
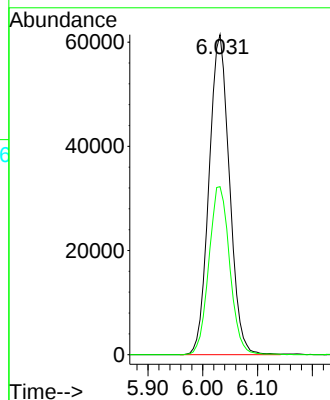
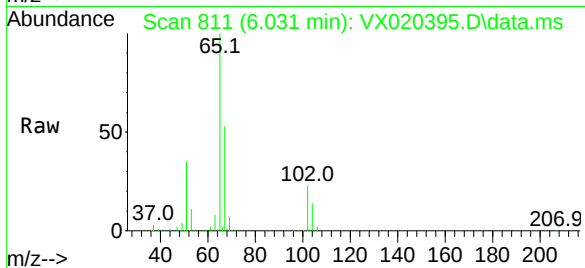
Acq: 24 Dec 2020 18:07

Tgt Ion: 65 Resp: 158730

Ion Ratio Lower Upper

65 100

67 53.7 0.0 105.4



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.830 min Scan# 942

Delta R.T. 0.006 min

Lab File: VX020395.D

Acq: 24 Dec 2020 18:07

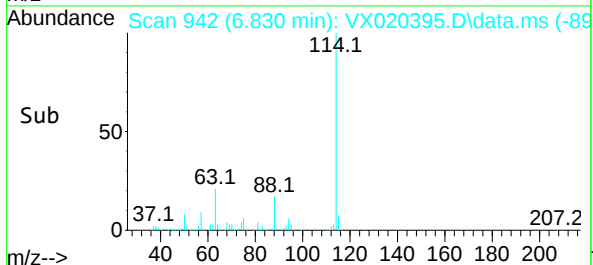
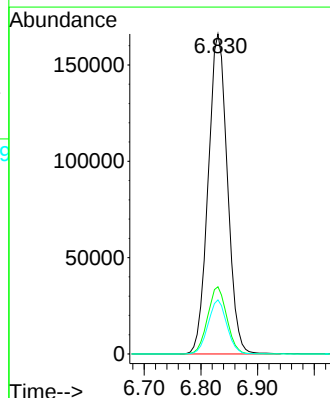
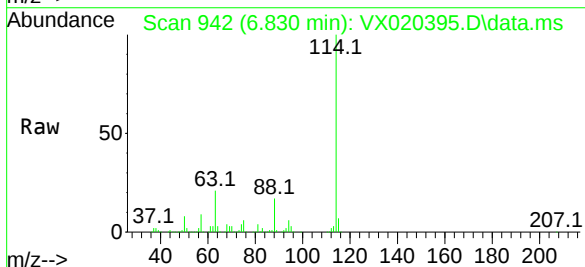
Tgt Ion: 114 Resp: 390810

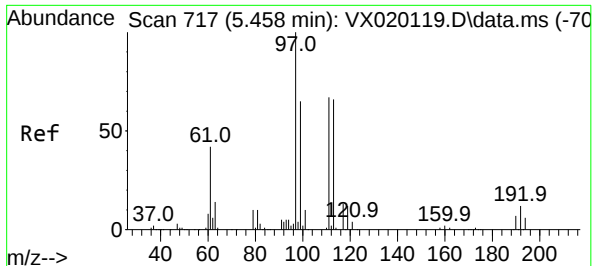
Ion Ratio Lower Upper

114 100

63 21.0 0.0 40.8

88 16.9 0.0 32.8

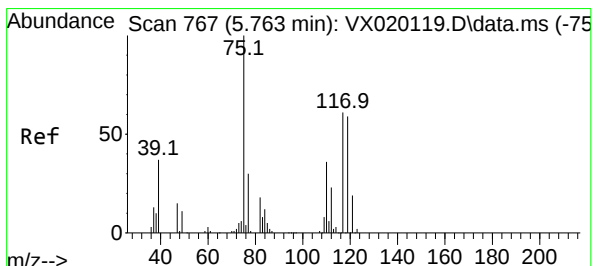
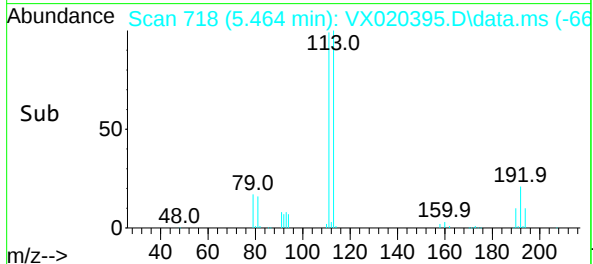
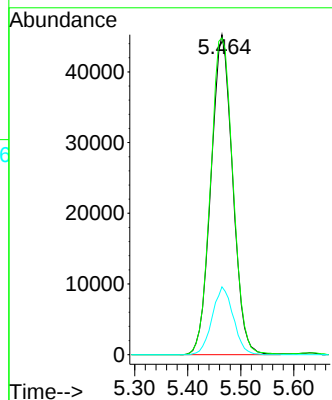
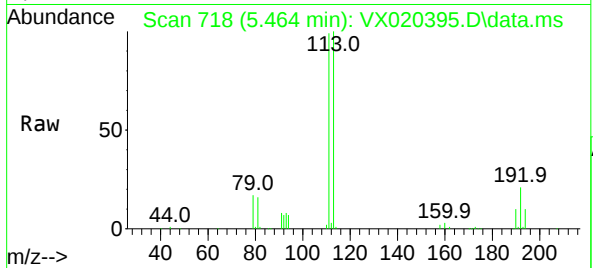




#35  
Dibromofluoromethane  
Concen: 51.34 ug/l  
RT: 5.464 min Scan# 718  
Delta R.T. 0.006 min  
Lab File: VX020395.D  
Acq: 24 Dec 2020 18:07

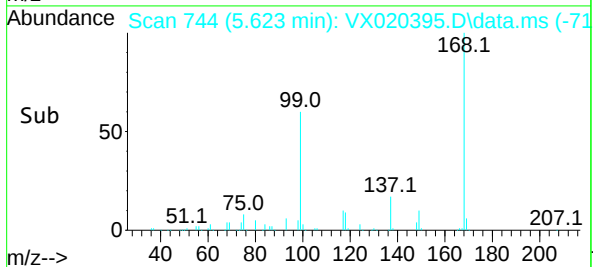
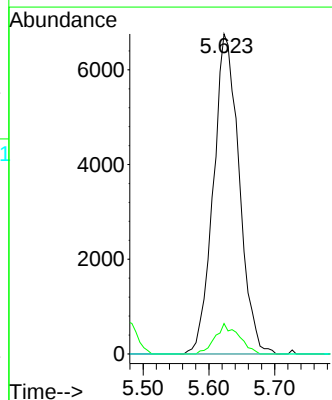
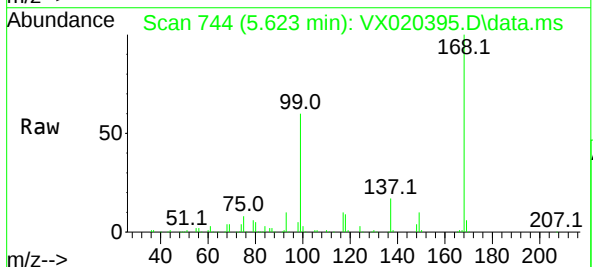
Instrument :  
MSVOA\_X  
ClientSampled :

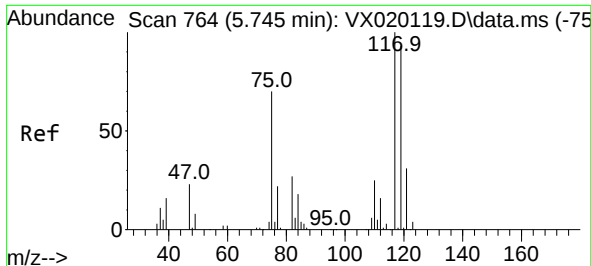
Tgt Ion:113 Resp: 128363  
Ion Ratio Lower Upper  
113 100  
111 102.6 81.9 122.9  
192 20.7 16.7 25.1



#36  
1,1-Dichloropropene  
Concen: 4.77 ug/l  
RT: 5.623 min Scan# 744  
Delta R.T. -0.140 min  
Lab File: VX020395.D  
Acq: 24 Dec 2020 18:07

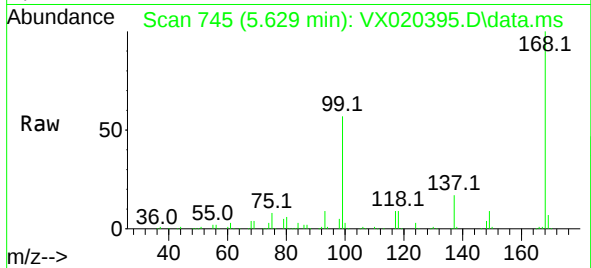
Tgt Ion: 75 Resp: 18423  
Ion Ratio Lower Upper  
75 100  
110 8.7 18.1 54.4#  
77 0.0 25.3 37.9#



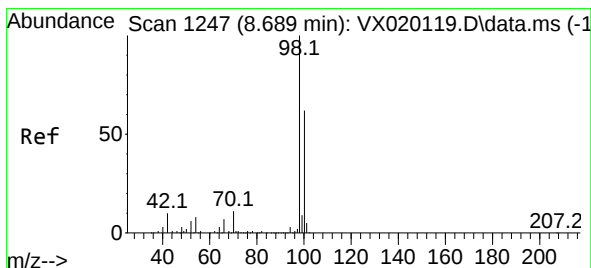
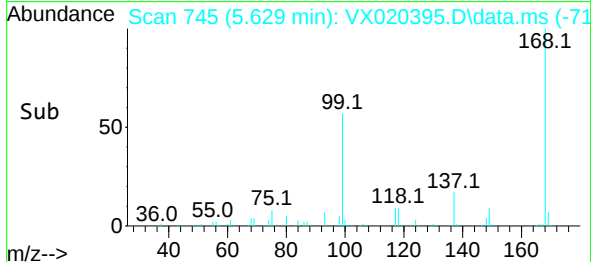
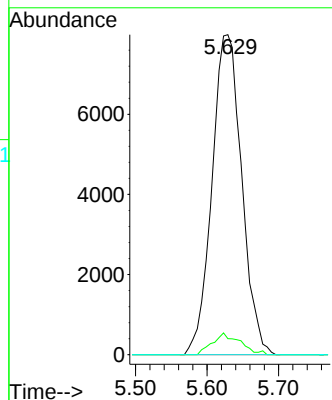


#38  
Carbon Tetrachloride  
Concen: 6.28 ug/l  
RT: 5.629 min Scan# 745  
Delta R.T. -0.116 min  
Lab File: VX020395.D  
Acq: 24 Dec 2020 18:07

Instrument :  
MSVOA\_X  
ClientSampled :

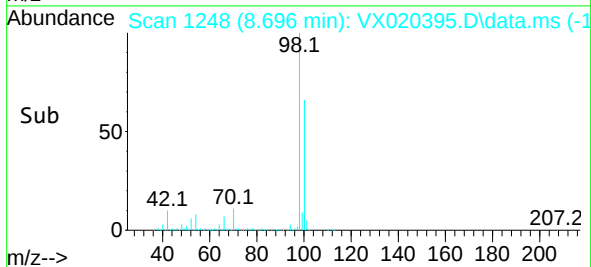
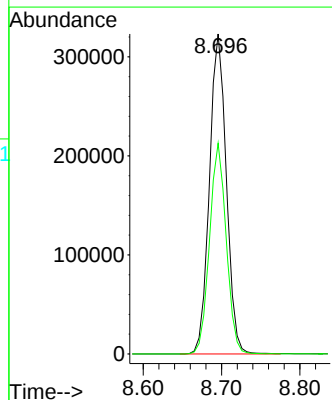
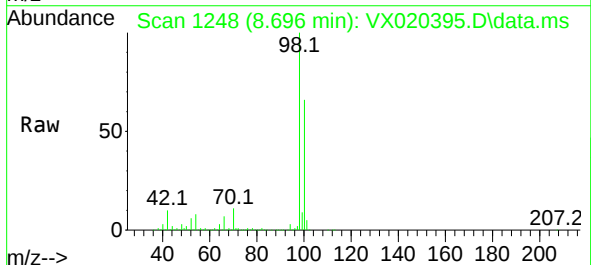


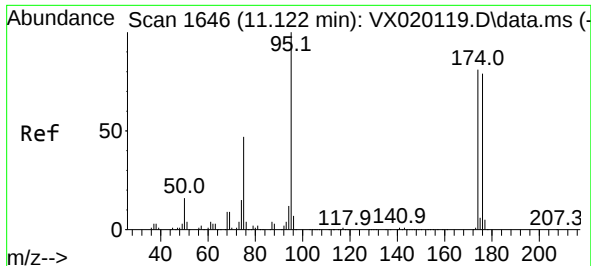
Tgt Ion:117 Resp: 23053  
Ion Ratio Lower Upper  
117 100  
119 5.0 76.2 114.2#  
121 0.0 24.8 37.2#



#50  
Toluene-d8  
Concen: 50.27 ug/l  
RT: 8.696 min Scan# 1248  
Delta R.T. 0.007 min  
Lab File: VX020395.D  
Acq: 24 Dec 2020 18:07

Tgt Ion: 98 Resp: 483750  
Ion Ratio Lower Upper  
98 100  
100 65.0 51.9 77.9

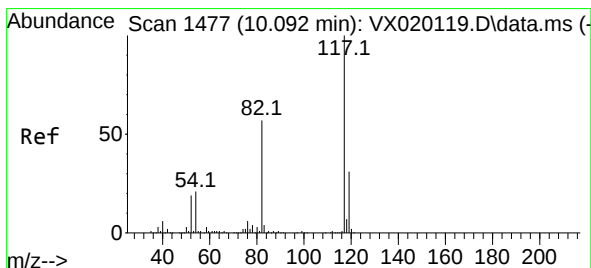
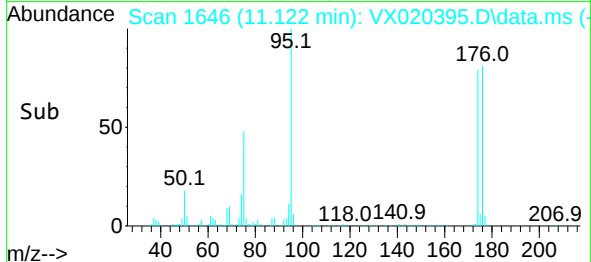
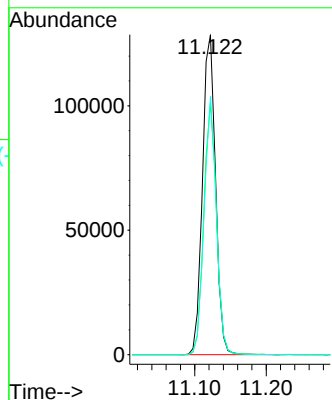
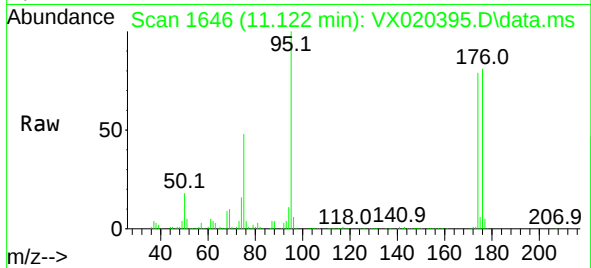




#62  
4-Bromofluorobenzene  
Concen: 44.27 ug/l  
RT: 11.122 min Scan# 1646  
Delta R.T. -0.000 min  
Lab File: VX020395.D  
Acq: 24 Dec 2020 18:07

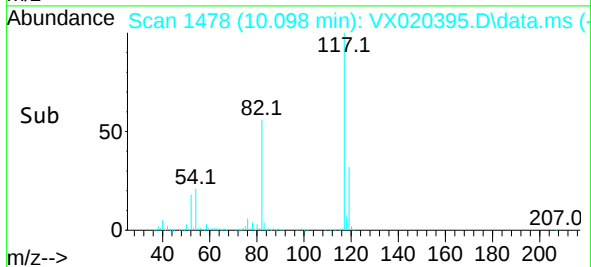
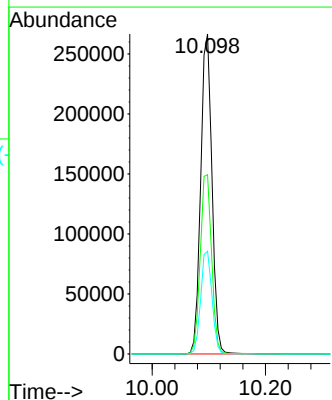
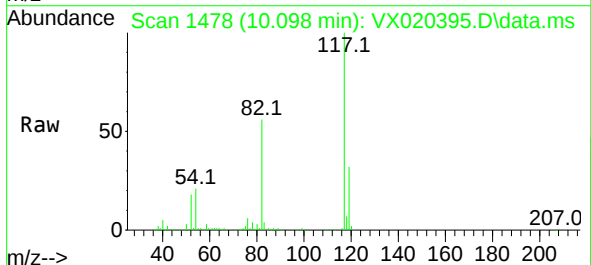
Instrument :  
MSVOA\_X  
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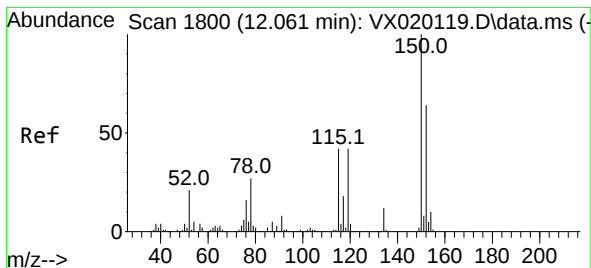
Tgt Ion: 95 Resp: 163066  
Ion Ratio Lower Upper  
95 100  
174 76.7 0.0 154.6  
176 75.9 0.0 155.8



#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 10.098 min Scan# 1478  
Delta R.T. 0.006 min  
Lab File: VX020395.D  
Acq: 24 Dec 2020 18:07

Tgt Ion: 117 Resp: 366457  
Ion Ratio Lower Upper  
117 100  
82 56.0 47.4 71.2  
119 32.1 26.6 39.8

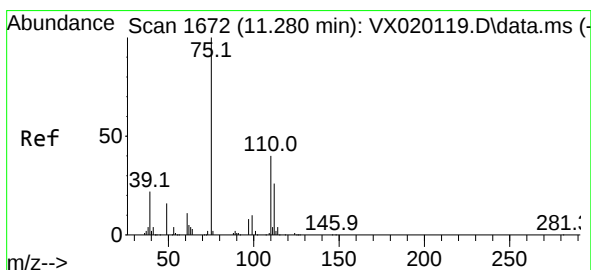
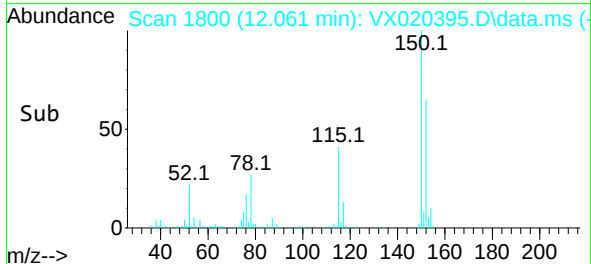
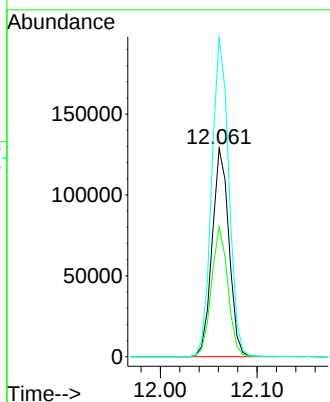
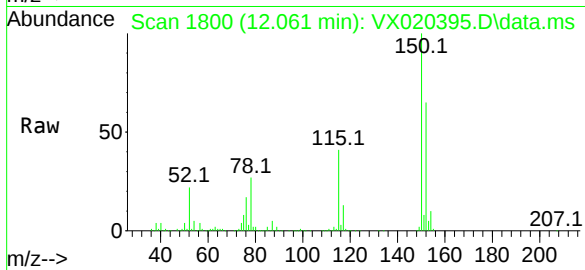




#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.00 ug/l  
 RT: 12.061 min Scan# 1800  
 Delta R.T. -0.000 min  
 Lab File: VX020395.D  
 Acq: 24 Dec 2020 18:07

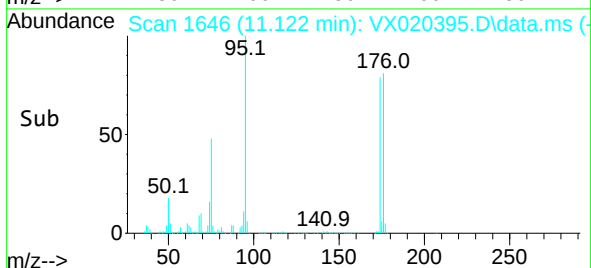
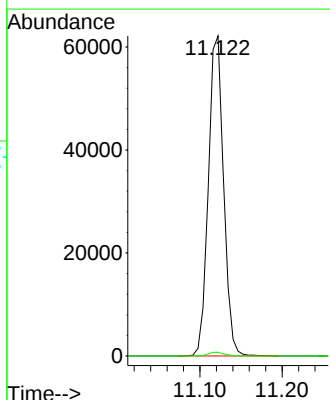
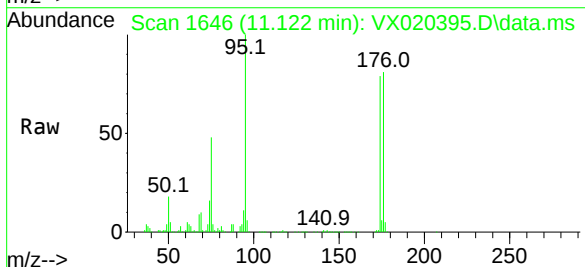
Instrument :  
 MSVOA\_X  
 ClientSampled :

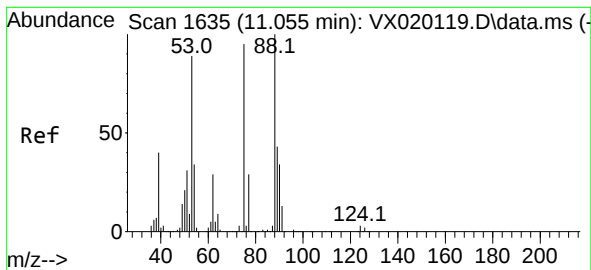
Tgt Ion:152 Resp: 155400  
 Ion Ratio Lower Upper  
 152 100  
 115 61.0 41.1 123.3  
 150 155.8 0.0 349.0



#76  
 1,2,3-Trichloropropane  
 Concen: 20.90 ug/l  
 RT: 11.122 min Scan# 1646  
 Delta R.T. -0.158 min  
 Lab File: VX020395.D  
 Acq: 24 Dec 2020 18:07

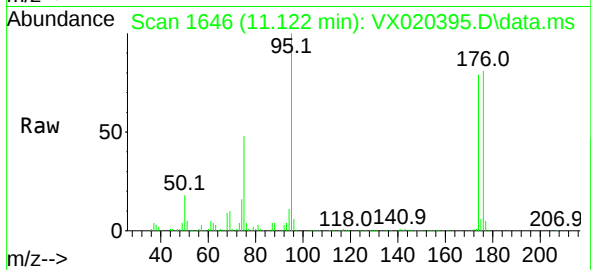
Tgt Ion: 75 Resp: 80007  
 Ion Ratio Lower Upper  
 75 100  
 77 1.2 19.1 57.5#





#81  
 trans-1,4-Dichloro-2-butene  
 Concen: 62.01 ug/l  
 RT: 11.122 min Scan# 1646  
 Delta R.T. 0.067 min  
 Lab File: VX020395.D  
 Acq: 24 Dec 2020 18:07

Instrument :  
 MSVOA\_X  
 ClientSampleId :



Tgt Ion: 75 Resp: 80007  
 Ion Ratio Lower Upper  
 75 100  
 53 0.1 74.5 111.7#  
 89 0.0 37.9 56.9#

