

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX052325\  
 Data File : VX046348.D  
 Acq On : 23 May 2025 16:26  
 Operator : JC/MD  
 Sample : Q2118-10  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 BP-VPB-182-GW-560-562

Quant Time: May 23 23:04:24 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X050525W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue May 06 07:12:22 2025  
 Response via : Initial Calibration

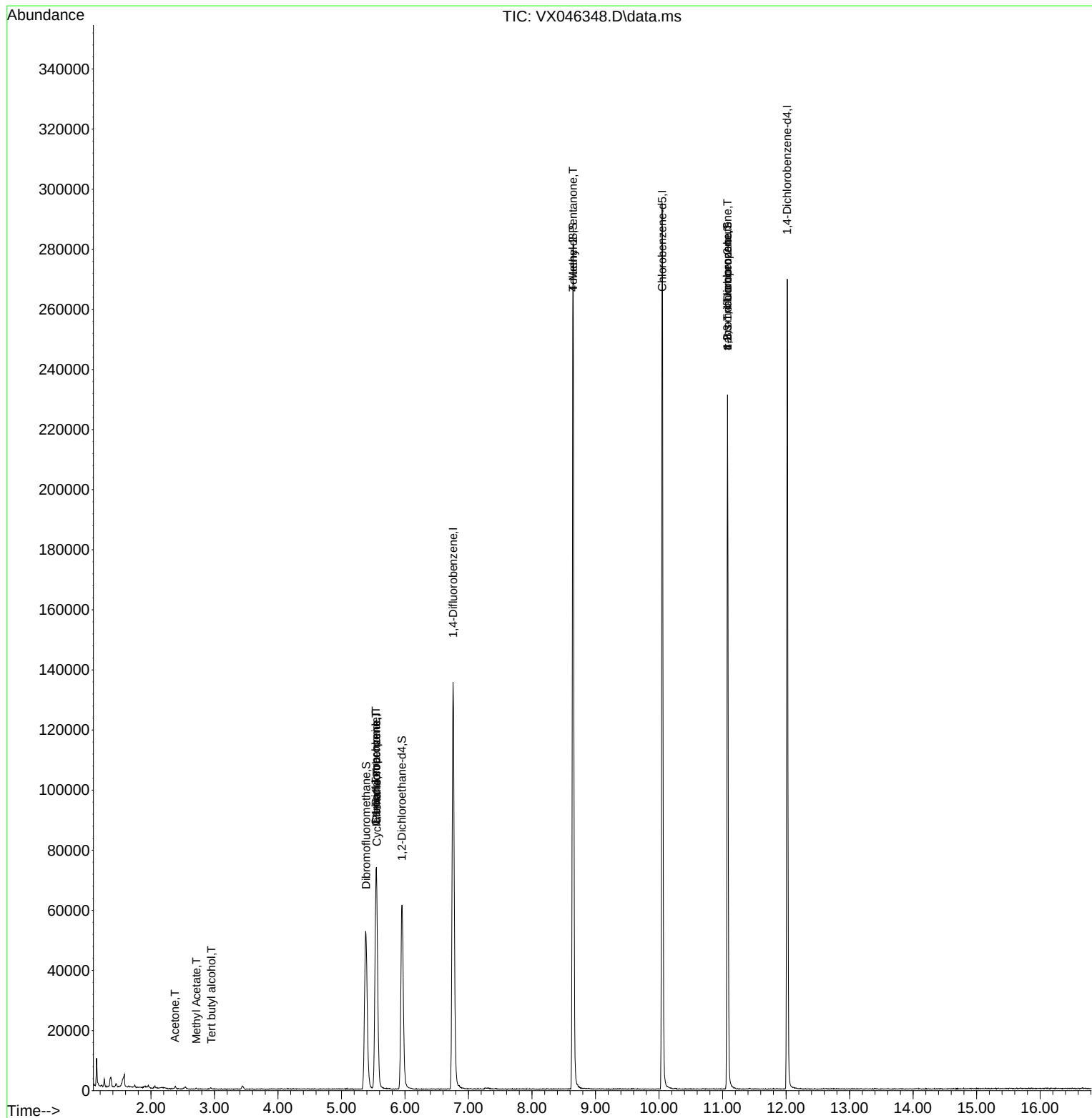
| Compound                      | R.T. QIon |       | Response | Conc     | Units      | Dev(Min) |
|-------------------------------|-----------|-------|----------|----------|------------|----------|
| -----                         |           |       |          |          |            |          |
| Internal Standards            |           |       |          |          |            |          |
| 1) Pentafluorobenzene         | 5.550     | 168   | 63741    | 50.000   | ug/l       | 0.00     |
| 34) 1,4-Difluorobenzene       | 6.757     | 114   | 127709   | 50.000   | ug/l       | 0.00     |
| 63) Chlorobenzene-d5          | 10.049    | 117   | 120561   | 50.000   | ug/l       | 0.00     |
| 72) 1,4-Dichlorobenzene-d4    | 12.018    | 152   | 49123    | 50.000   | ug/l       | 0.00     |
| System Monitoring Compounds   |           |       |          |          |            |          |
| 33) 1,2-Dichloroethane-d4     | 5.952     | 65    | 64419    | 54.209   | ug/l       | 0.00     |
| Spiked Amount                 | 50.000    | Range | 74 - 125 | Recovery | = 108.420% |          |
| 35) Dibromofluoromethane      | 5.385     | 113   | 46552    | 50.620   | ug/l       | 0.00     |
| Spiked Amount                 | 50.000    | Range | 75 - 124 | Recovery | = 101.240% |          |
| 50) Toluene-d8                | 8.647     | 98    | 159958   | 50.254   | ug/l       | 0.00     |
| Spiked Amount                 | 50.000    | Range | 86 - 113 | Recovery | = 100.500% |          |
| 62) 4-Bromofluorobenzene      | 11.079    | 95    | 60597    | 49.631   | ug/l       | 0.00     |
| Spiked Amount                 | 50.000    | Range | 77 - 121 | Recovery | = 99.260%  |          |
| Target Compounds              |           |       |          |          |            |          |
|                               |           |       |          |          | Qvalue     |          |
| 11) Tert butyl alcohol        | 2.953     | 59    | 70       | 0.420    | ug/l #     | 72       |
| 16) Acetone                   | 2.380     | 43    | 906      | 1.901    | ug/l       | 96       |
| 18) Methyl Acetate            | 2.715     | 43    | 274      | 0.248    | ug/l #     | 55       |
| 31) Cyclohexane               | 5.556     | 56    | 2074     | 1.464    | ug/l #     | 53       |
| 36) 1,1-Dichloropropene       | 5.544     | 75    | 6387     | 5.169    | ug/l #     | 50       |
| 38) Carbon Tetrachloride      | 5.544     | 117   | 7028     | 5.062    | ug/l #     | 17       |
| 51) 4-Methyl-2-Pentanone      | 8.647     | 43    | 964      | 0.624    | ug/l #     | 1        |
| 76) 1,2,3-Trichloropropane    | 11.079    | 75    | 34591    | 29.255   | ug/l #     | 36       |
| 81) trans-1,4-Dichloro-2-b... | 11.079    | 75    | 34591    | 95.244   | ug/l #     | 1        |
| -----                         |           |       |          |          |            |          |

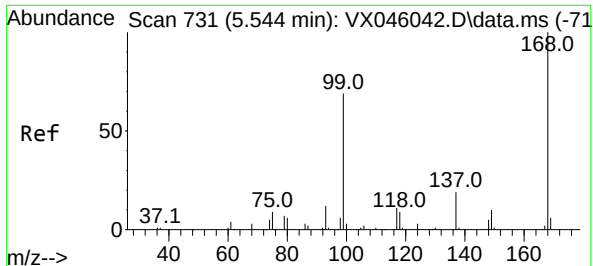
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :  
BP-VPB-182-GW-560-562

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X050525W.M  
Quant Title : SW846 8260  
QLast Update : Tue May 06 07:12:22 2025  
Response via : Initial Calibration

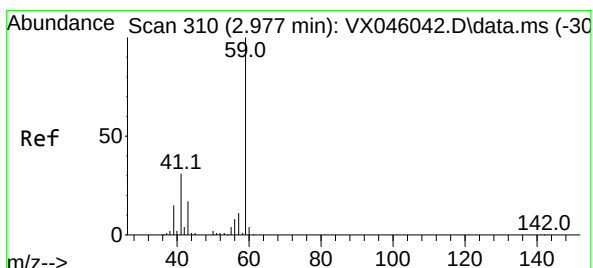
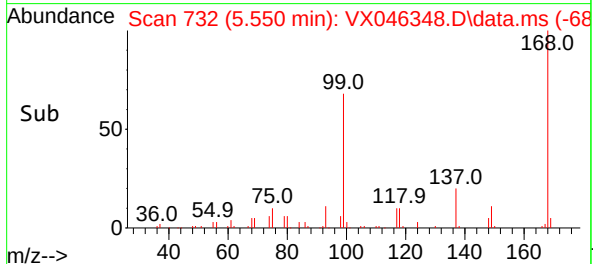
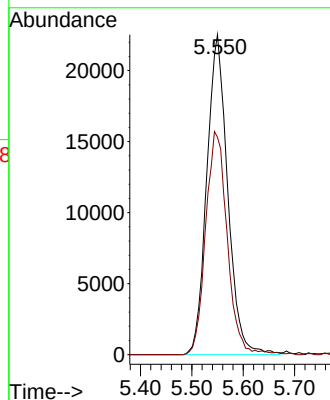
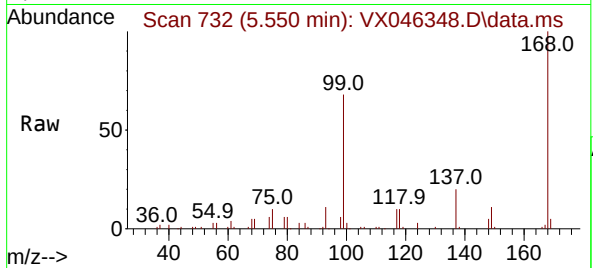




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.550 min Scan# 71  
Delta R.T. 0.006 min  
Lab File: VX046348.D  
Acq: 23 May 2025 16:26

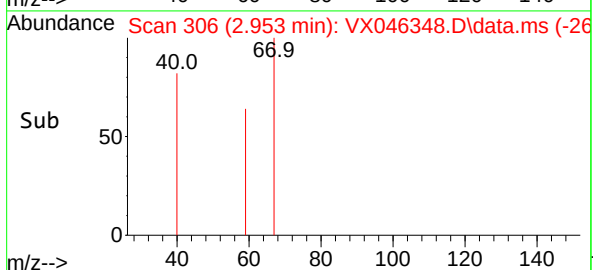
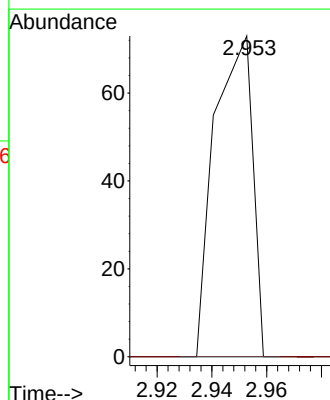
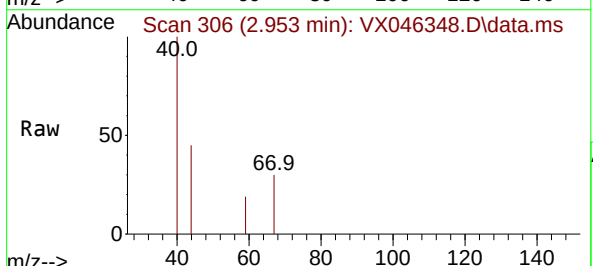
Instrument :  
MSVOA\_X  
ClientSampleId :  
BP-VPB-182-GW-560-562

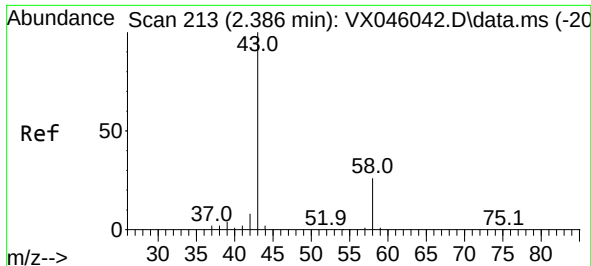
Tgt Ion:168 Resp: 63741  
Ion Ratio Lower Upper  
168 100  
99 67.9 54.9 82.3



#11  
Tert butyl alcohol  
Concen: 0.420 ug/l  
RT: 2.953 min Scan# 306  
Delta R.T. -0.024 min  
Lab File: VX046348.D  
Acq: 23 May 2025 16:26

Tgt Ion: 59 Resp: 70  
Ion Ratio Lower Upper  
59 100  
57 0.0 8.6 12.8#

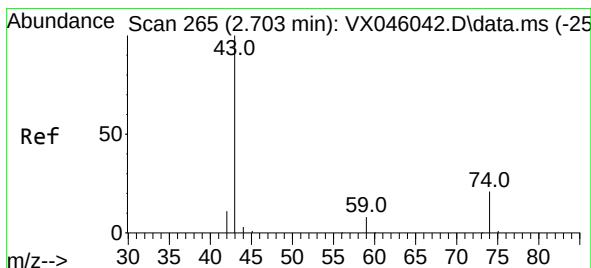
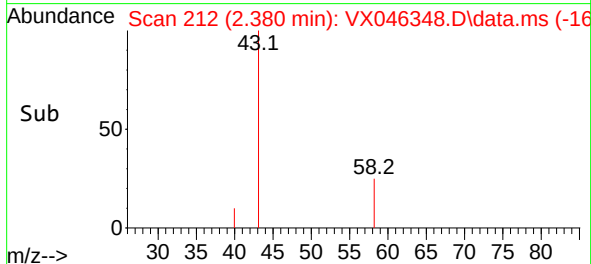
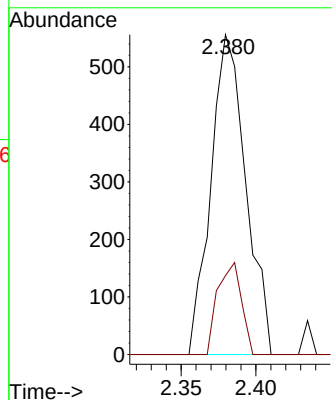
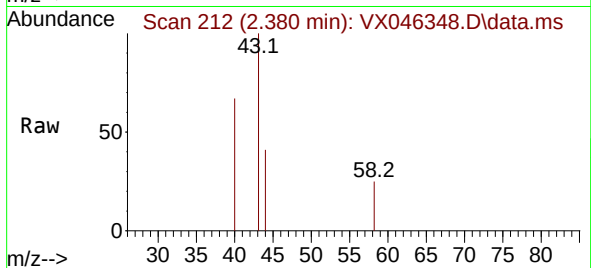




#16  
Acetone  
Concen: 1.901 ug/l  
RT: 2.380 min Scan# 213  
Delta R.T. -0.006 min  
Lab File: VX046348.D  
Acq: 23 May 2025 16:26

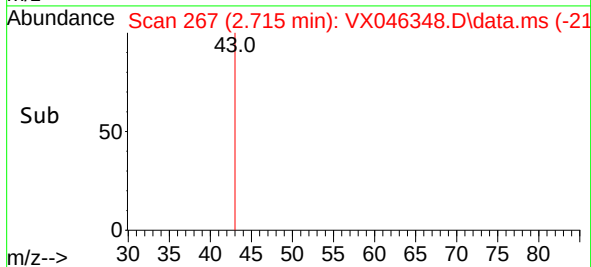
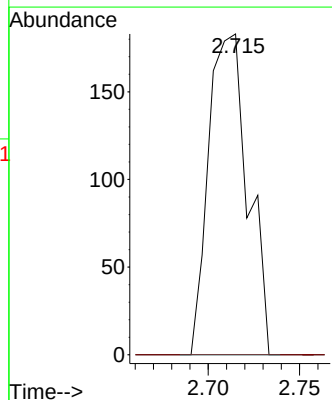
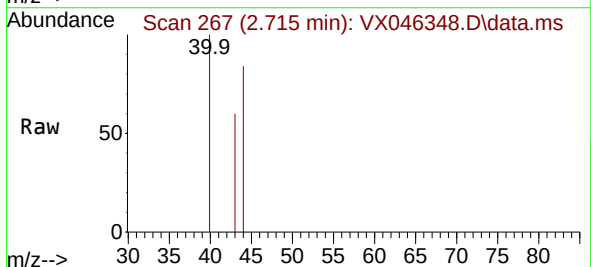
Instrument :  
MSVOA\_X  
ClientSampleId :  
BP-VPB-182-GW-560-562

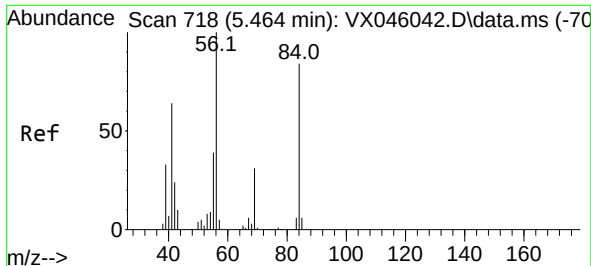
Tgt Ion: 43 Resp: 906  
Ion Ratio Lower Upper  
43 100  
58 24.6 21.2 31.8



#18  
Methyl Acetate  
Concen: 0.248 ug/l  
RT: 2.715 min Scan# 267  
Delta R.T. 0.012 min  
Lab File: VX046348.D  
Acq: 23 May 2025 16:26

Tgt Ion: 43 Resp: 274  
Ion Ratio Lower Upper  
43 100  
74 0.0 16.7 25.1#





#31

Cyclohexane

Concen: 1.464 ug/l

RT: 5.556 min Scan# 718

Delta R.T. 0.091 min

Lab File: VX046348.D

Acq: 23 May 2025 16:26

Instrument :

MSVOA\_X

ClientSampleId :

BP-VPB-182-GW-560-562

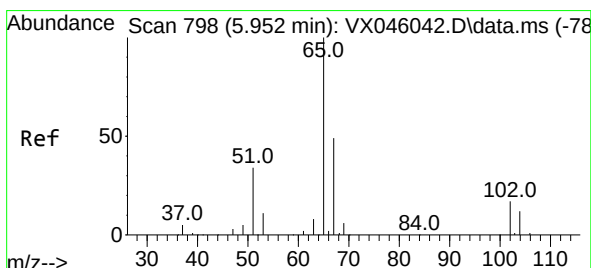
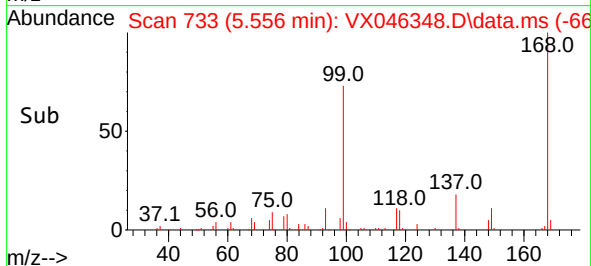
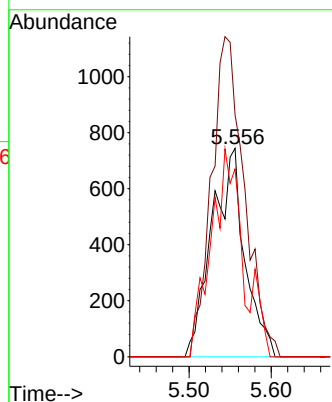
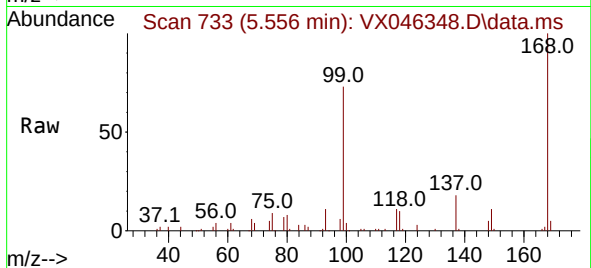
Tgt Ion: 56 Resp: 2074

Ion Ratio Lower Upper

56 100

69 116.0 24.4 36.6#

84 90.2 66.9 100.3



#33

1,2-Dichloroethane-d4

Concen: 54.209 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX046348.D

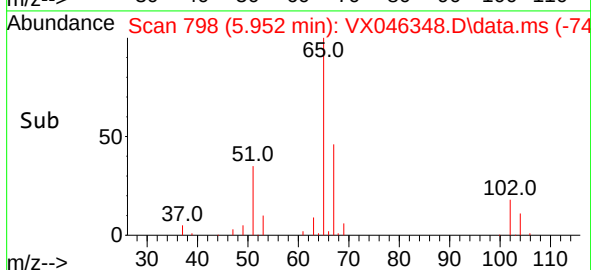
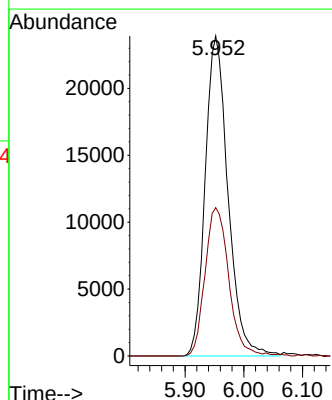
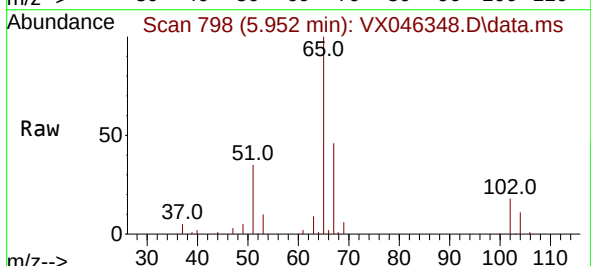
Acq: 23 May 2025 16:26

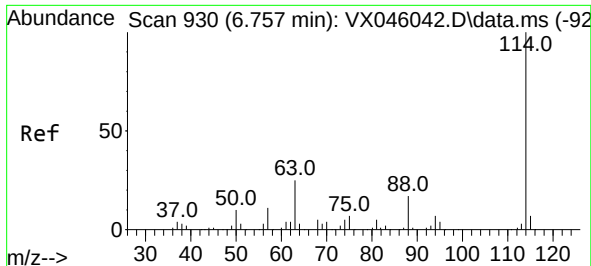
Tgt Ion: 65 Resp: 64419

Ion Ratio Lower Upper

65 100

67 48.2 0.0 99.0

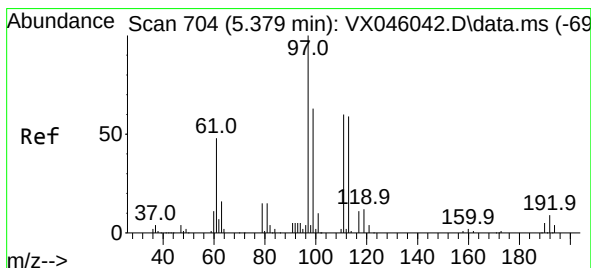
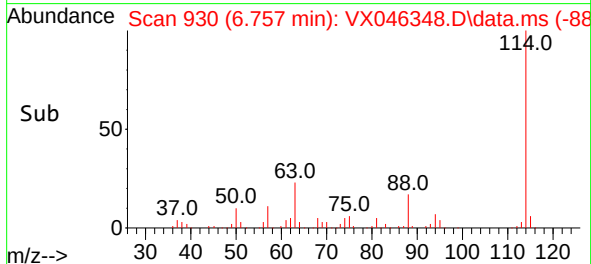
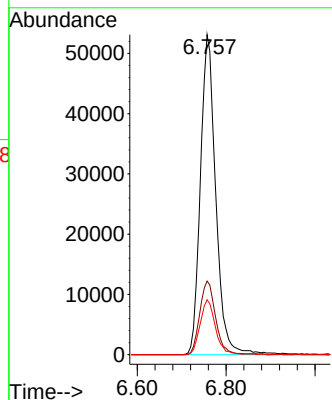
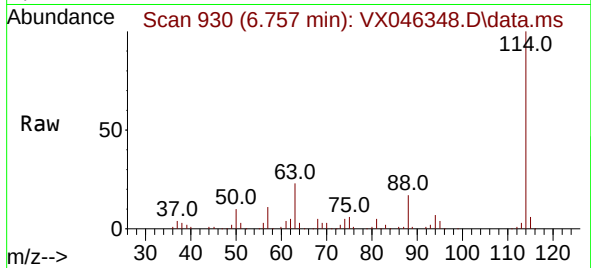




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.757 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VX046348.D  
Acq: 23 May 2025 16:26

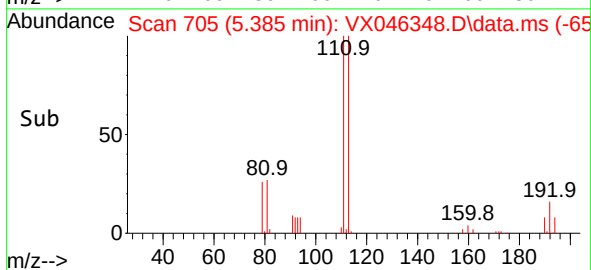
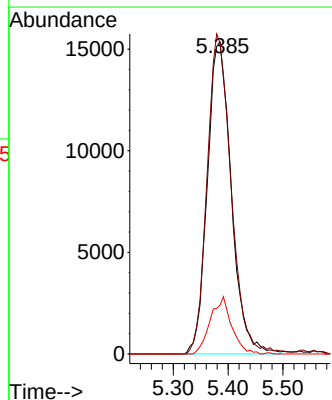
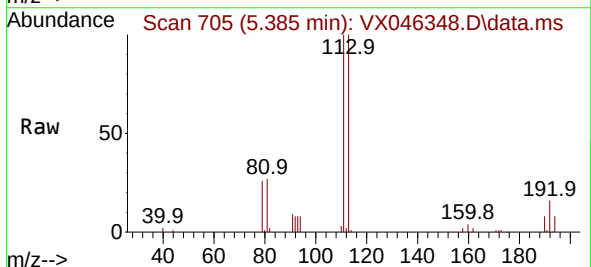
Instrument :  
MSVOA\_X  
ClientSampleId :  
BP-VPB-182-GW-560-562

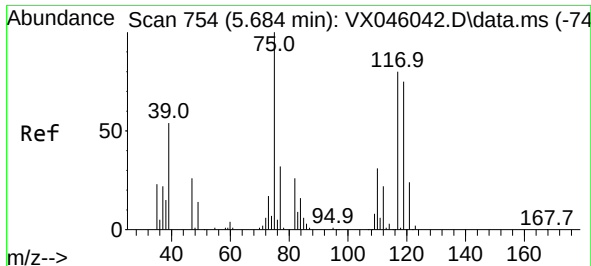
Tgt Ion:114 Resp: 127709  
Ion Ratio Lower Upper  
114 100  
63 23.0 0.0 49.2  
88 17.1 0.0 33.6



#35  
Dibromofluoromethane  
Concen: 50.620 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. 0.006 min  
Lab File: VX046348.D  
Acq: 23 May 2025 16:26

Tgt Ion:113 Resp: 46552  
Ion Ratio Lower Upper  
113 100  
111 102.8 83.1 124.7  
192 16.2 13.3 19.9

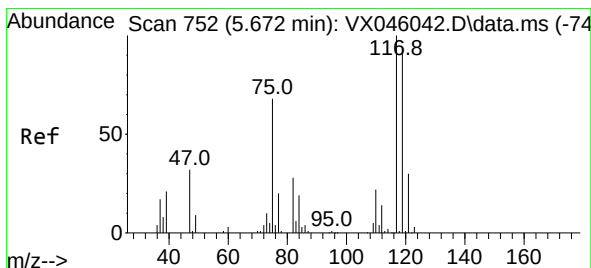
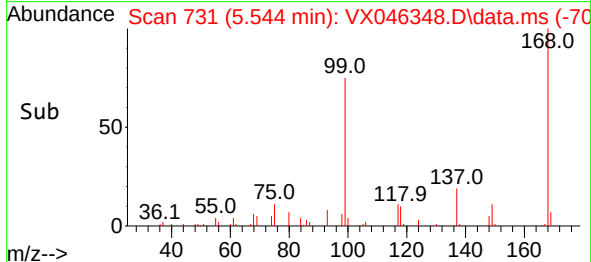
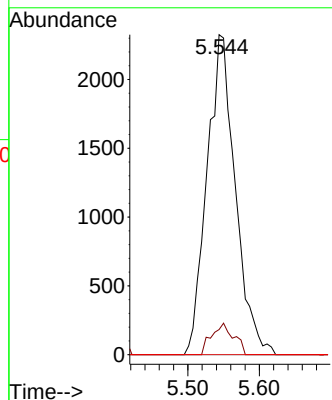
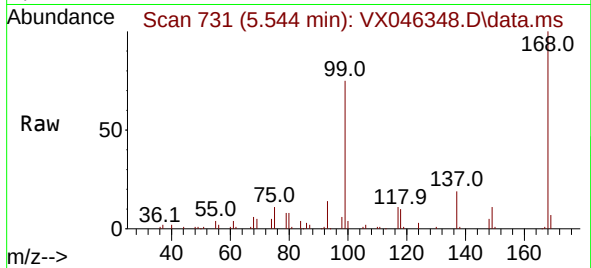




#36  
1,1-Dichloropropene  
Concen: 5.169 ug/l  
RT: 5.544 min Scan# 711  
Delta R.T. -0.140 min  
Lab File: VX046348.D  
Acq: 23 May 2025 16:26

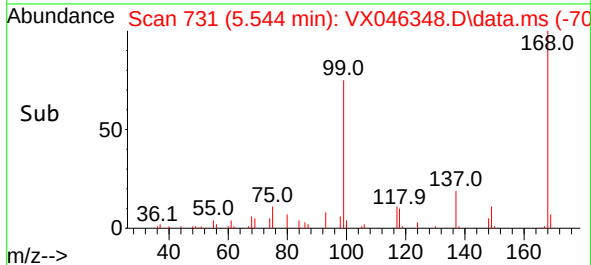
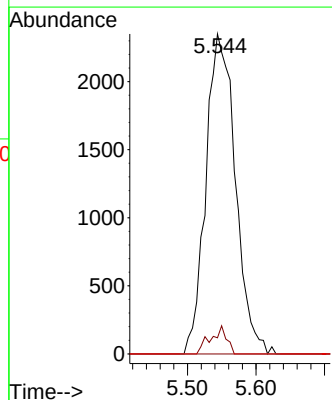
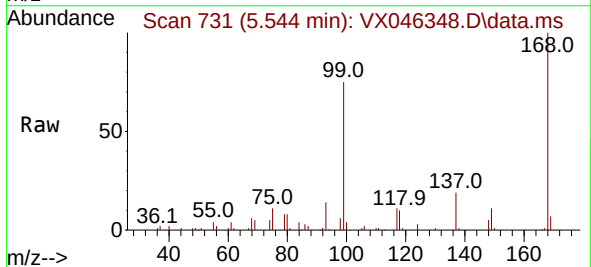
Instrument :  
MSVOA\_X  
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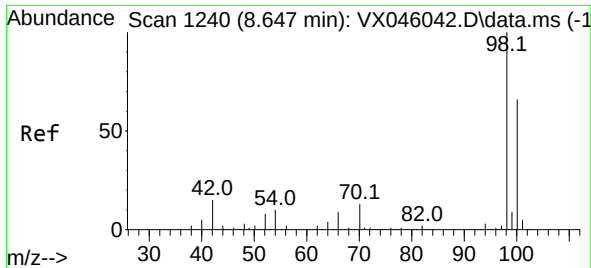
Tgt Ion: 75 Resp: 6387  
Ion Ratio Lower Upper  
75 100  
110 7.7 16.3 48.9#  
77 0.0 24.3 36.5#



#38  
Carbon Tetrachloride  
Concen: 5.062 ug/l  
RT: 5.544 min Scan# 731  
Delta R.T. -0.128 min  
Lab File: VX046348.D  
Acq: 23 May 2025 16:26

Tgt Ion: 117 Resp: 7028  
Ion Ratio Lower Upper  
117 100  
119 5.0 75.2 112.8#  
121 0.0 24.2 36.4#

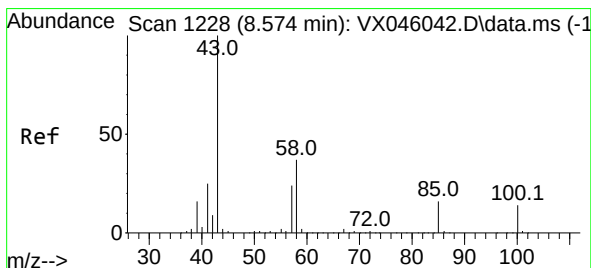
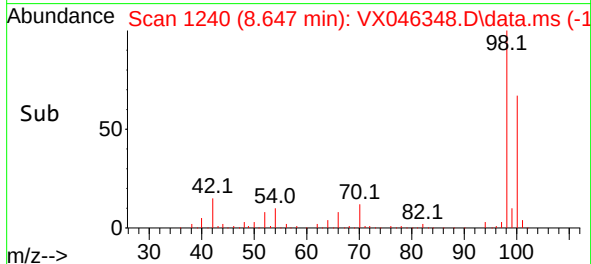
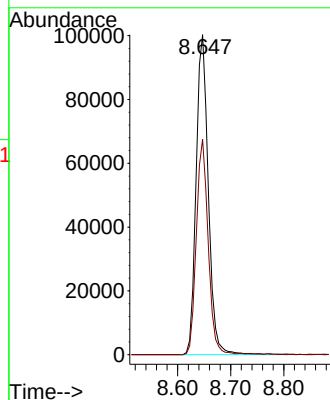
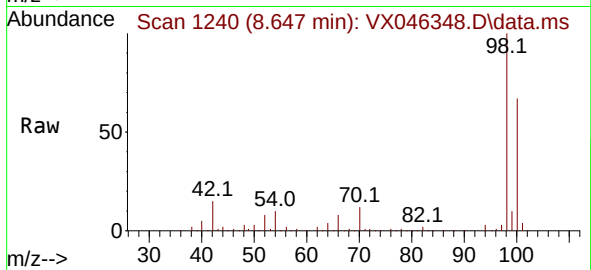




#50  
Toluene-d8  
Concen: 50.254 ug/l  
RT: 8.647 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX046348.D  
Acq: 23 May 2025 16:26

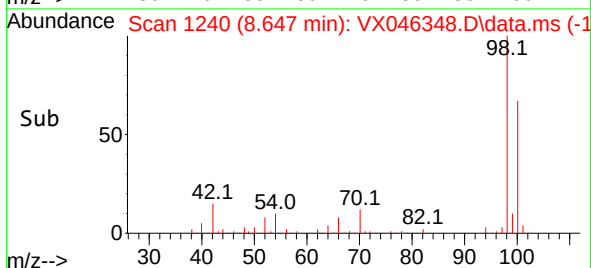
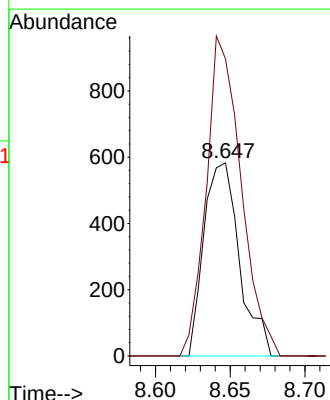
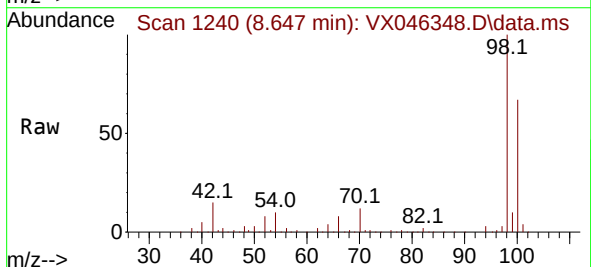
Instrument :  
MSVOA\_X  
ClientSampleId :  
BP-VPB-182-GW-560-562

Tgt Ion: 98 Resp: 159958  
Ion Ratio Lower Upper  
98 100  
100 65.3 53.5 80.3

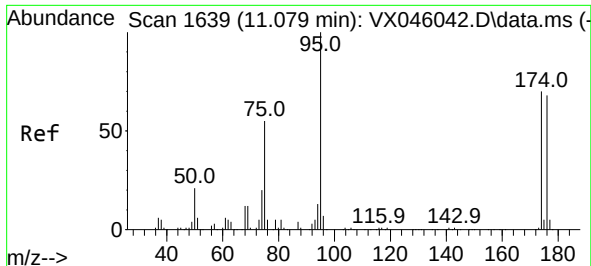


#51  
4-Methyl-2-Pentanone  
Concen: 0.624 ug/l  
RT: 8.647 min Scan# 1240  
Delta R.T. 0.073 min  
Lab File: VX046348.D  
Acq: 23 May 2025 16:26

Tgt Ion: 43 Resp: 964  
Ion Ratio Lower Upper  
43 100  
58 162.2 28.9 43.3#



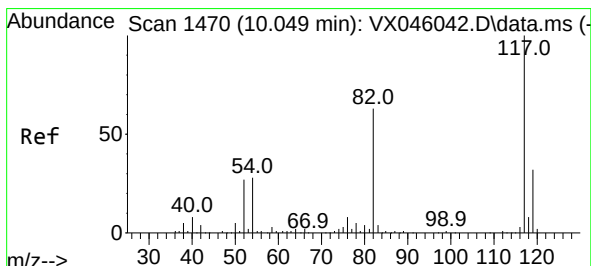
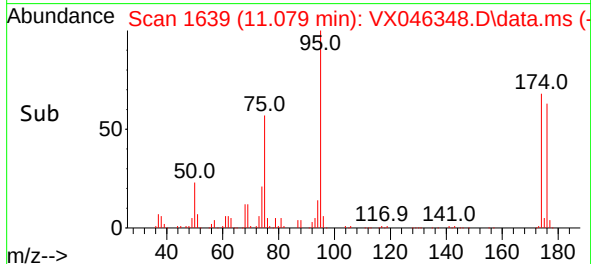
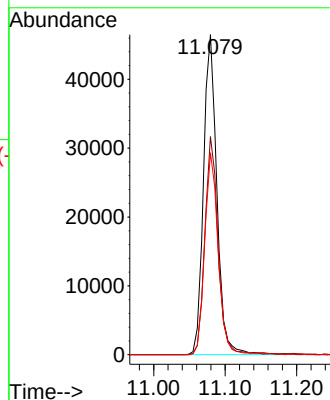
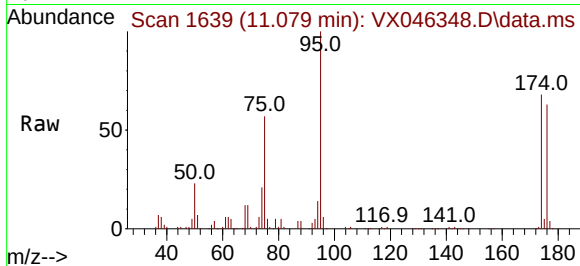




#62  
4-Bromofluorobenzene  
Concen: 49.631 ug/l  
RT: 11.079 min Scan# 1  
Delta R.T. 0.000 min  
Lab File: VX046348.D  
Acq: 23 May 2025 16:26

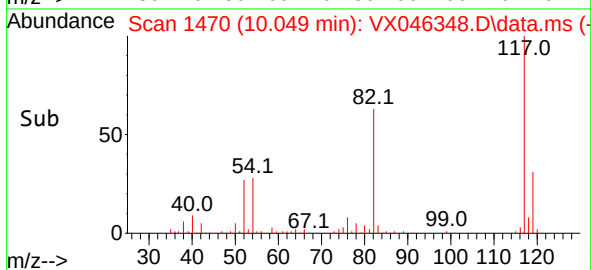
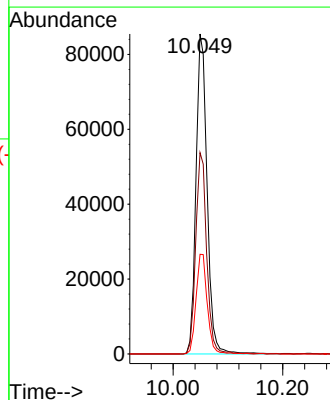
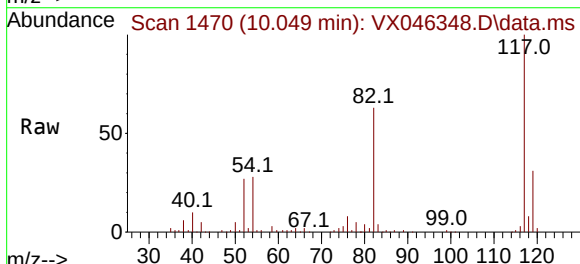
Instrument :  
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ClientSampleId :  
BP-VPB-182-GW-560-562

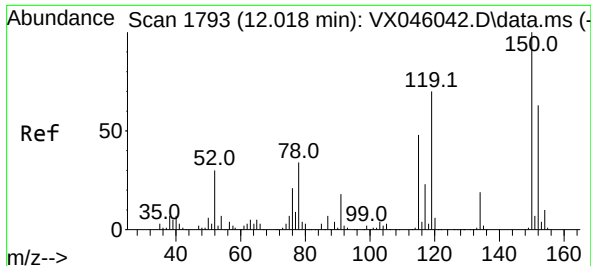
Tgt Ion: 95 Resp: 60597  
Ion Ratio Lower Upper  
95 100  
174 67.2 0.0 135.8  
176 63.7 0.0 131.4



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.049 min Scan# 1470  
Delta R.T. 0.000 min  
Lab File: VX046348.D  
Acq: 23 May 2025 16:26

Tgt Ion: 117 Resp: 120561  
Ion Ratio Lower Upper  
117 100  
82 62.9 50.6 76.0  
119 31.1 25.8 38.6

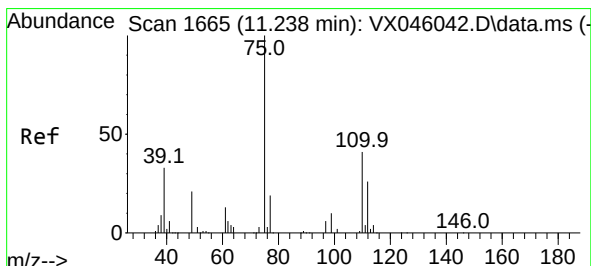
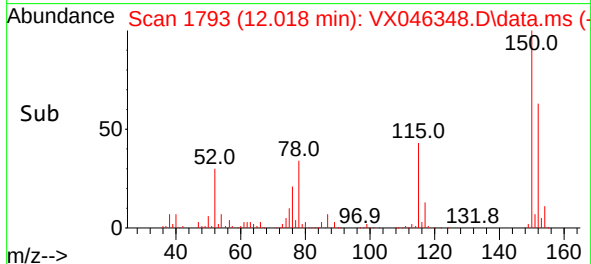
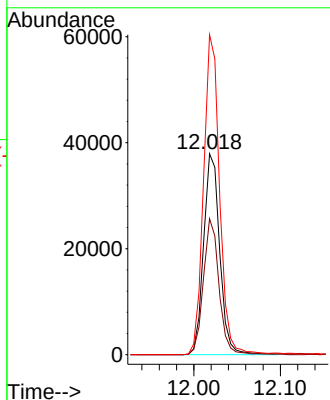
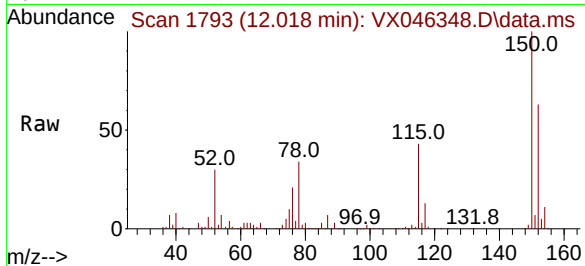




#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 12.018 min Scan# 11  
 Delta R.T. -0.000 min  
 Lab File: VX046348.D  
 Acq: 23 May 2025 16:26

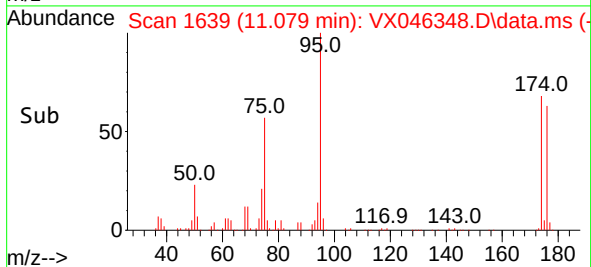
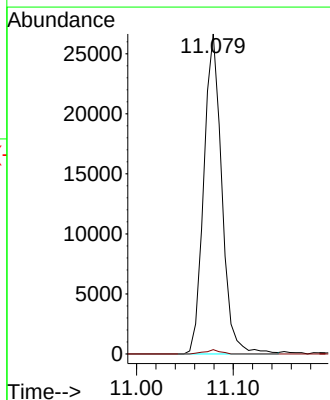
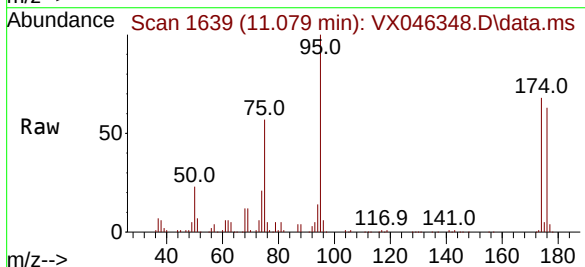
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 BP-VPB-182-GW-560-562

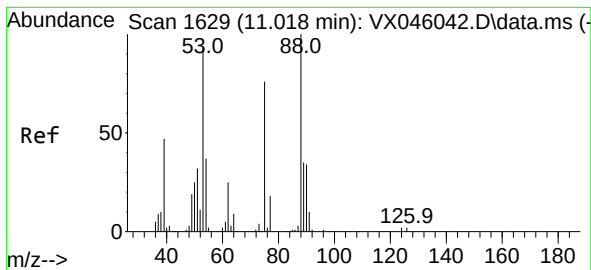
Tgt Ion:152 Resp: 49123  
 Ion Ratio Lower Upper  
 152 100  
 115 65.6 46.9 140.7  
 150 159.2 0.0 351.0



#76  
 1,2,3-Trichloropropane  
 Concen: 29.255 ug/l  
 RT: 11.079 min Scan# 1639  
 Delta R.T. -0.159 min  
 Lab File: VX046348.D  
 Acq: 23 May 2025 16:26

Tgt Ion: 75 Resp: 34591  
 Ion Ratio Lower Upper  
 75 100  
 77 1.1 20.5 61.5#





#81  
trans-1,4-Dichloro-2-butene  
Concen: 95.244 ug/l  
RT: 11.079 min Scan# 10  
Delta R.T. 0.061 min  
Lab File: VX046348.D  
Acq: 23 May 2025 16:26

Instrument :  
MSVOA\_X  
ClientSampleId :  
BP-VPB-182-GW-560-562

Tgt Ion: 75 Resp: 34591  
Ion Ratio Lower Upper  
75 100  
53 0.0 100.5 150.7#  
89 0.0 37.0 55.6#

