

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX052125\  
 Data File : VX046298.D  
 Acq On : 21 May 2025 15:29  
 Operator : JC/MD  
 Sample : Q2082-03  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 BP-VPB-182-GW-280-282

Quant Time: May 22 01:50:49 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

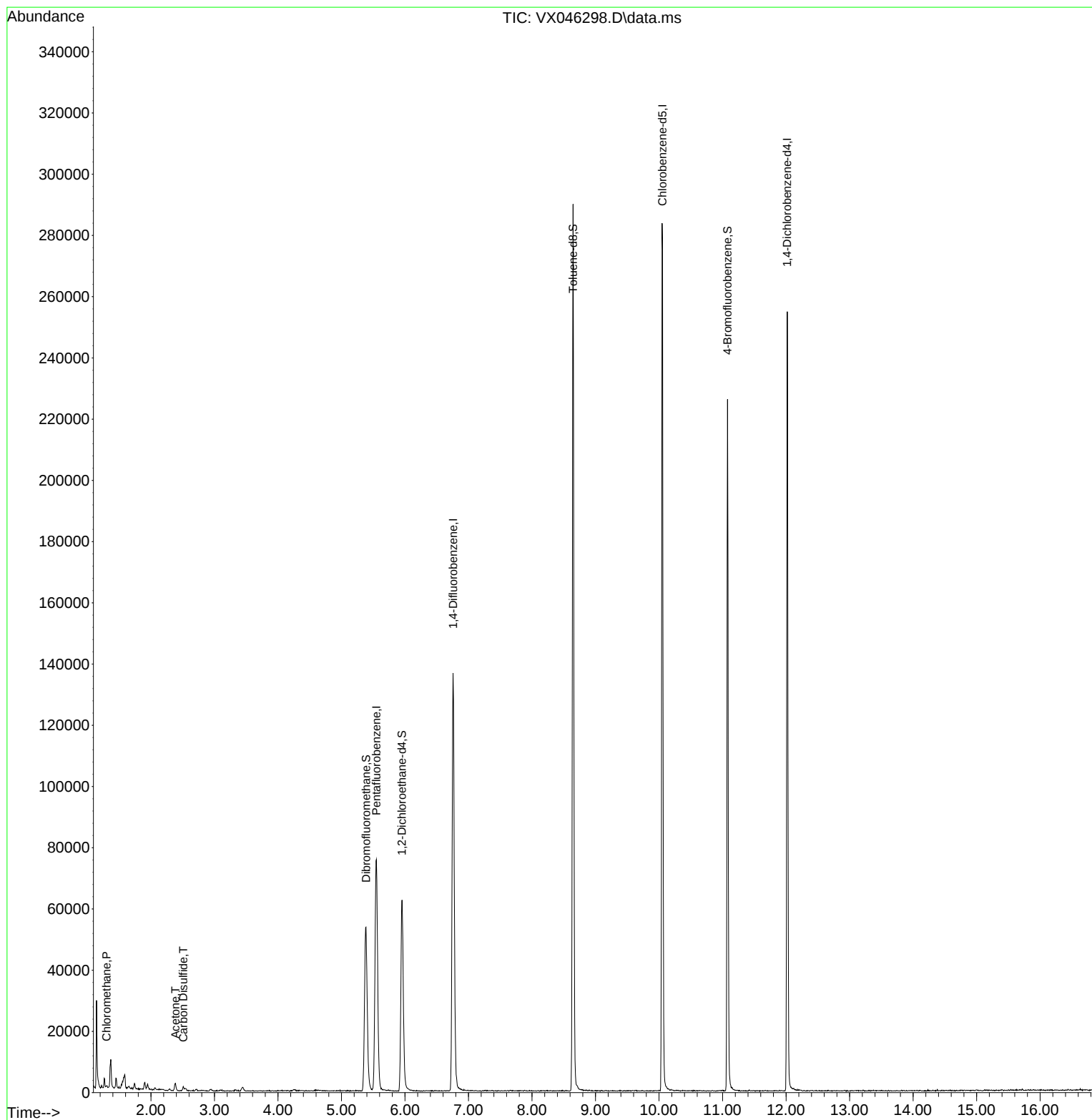
| Compound                    | R.T. QIon |       | Response | Conc     | Units      | Dev(Min) |
|-----------------------------|-----------|-------|----------|----------|------------|----------|
| -----                       |           |       |          |          |            |          |
| Internal Standards          |           |       |          |          |            |          |
| 1) Pentafluorobenzene       | 5.550     | 168   | 65611    | 50.000   | ug/l       | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.757     | 114   | 130055   | 50.000   | ug/l       | 0.00     |
| 63) Chlorobenzene-d5        | 10.055    | 117   | 119143   | 50.000   | ug/l       | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.018    | 152   | 47547    | 50.000   | ug/l       | 0.00     |
| System Monitoring Compounds |           |       |          |          |            |          |
| 33) 1,2-Dichloroethane-d4   | 5.952     | 65    | 64089    | 52.395   | ug/l       | 0.00     |
| Spiked Amount               | 50.000    | Range | 74 - 125 | Recovery | = 104.780% |          |
| 35) Dibromofluoromethane    | 5.385     | 113   | 46926    | 50.106   | ug/l       | 0.00     |
| Spiked Amount               | 50.000    | Range | 75 - 124 | Recovery | = 100.220% |          |
| 50) Toluene-d8              | 8.647     | 98    | 160017   | 49.366   | ug/l       | 0.00     |
| Spiked Amount               | 50.000    | Range | 86 - 113 | Recovery | = 98.740%  |          |
| 62) 4-Bromofluorobenzene    | 11.079    | 95    | 59992    | 48.249   | ug/l       | 0.00     |
| Spiked Amount               | 50.000    | Range | 77 - 121 | Recovery | = 96.500%  |          |
| Target Compounds            |           |       |          |          |            |          |
|                             |           |       |          |          | Qvalue     |          |
| 3) Chloromethane            | 1.300     | 50    | 841      | 0.864    | ug/l       | 100      |
| 16) Acetone                 | 2.385     | 43    | 2915     | 5.944    | ug/l       | 92       |
| 17) Carbon Disulfide        | 2.507     | 76    | 1472     | 0.798    | ug/l #     | 95       |
| -----                       |           |       |          |          |            |          |

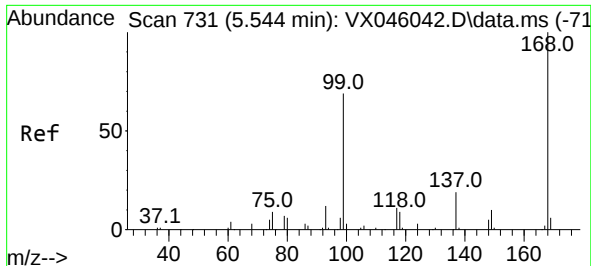
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX052125\  
Data File : VX046298.D  
Acq On : 21 May 2025 15:29  
Operator : JC/MD  
Sample : Q2082-03  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
BP-VPB-182-GW-280-282

Quant Time: May 22 01:50:49 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

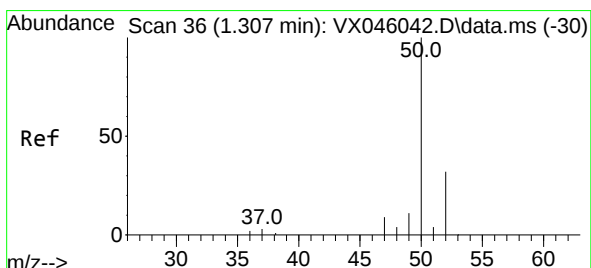
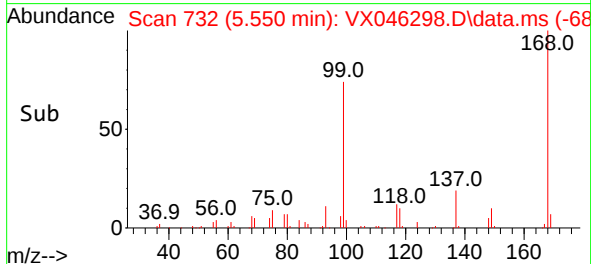
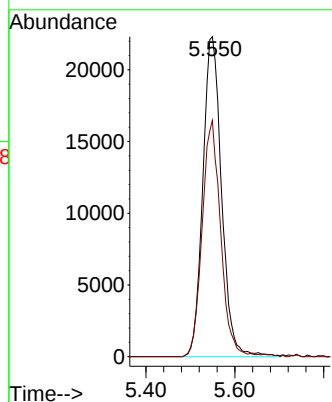
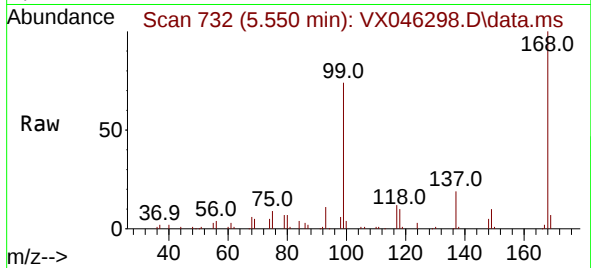




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.550 min Scan# 71  
Delta R.T. 0.006 min  
Lab File: VX046298.D  
Acq: 21 May 2025 15:29

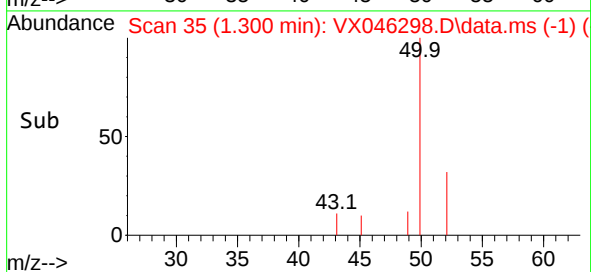
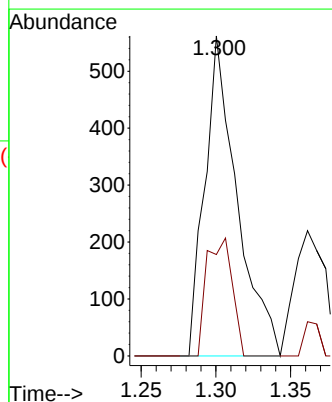
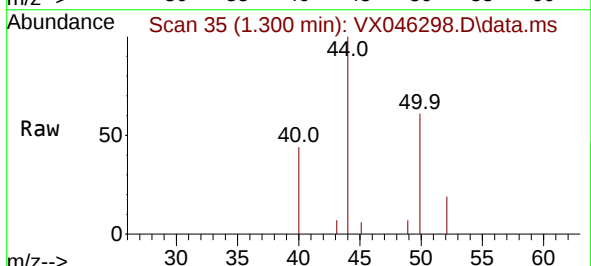
Instrument :  
MSVOA\_X  
ClientSampleId :  
BP-VPB-182-GW-280-282

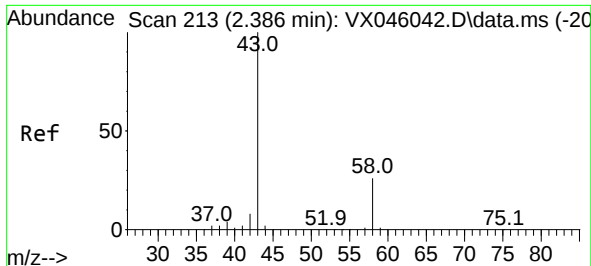
Tgt Ion:168 Resp: 65611  
Ion Ratio Lower Upper  
168 100  
99 73.8 54.9 82.3



#3  
Chloromethane  
Concen: 0.864 ug/l  
RT: 1.300 min Scan# 35  
Delta R.T. -0.006 min  
Lab File: VX046298.D  
Acq: 21 May 2025 15:29

Tgt Ion: 50 Resp: 841  
Ion Ratio Lower Upper  
50 100  
52 31.7 25.4 38.2

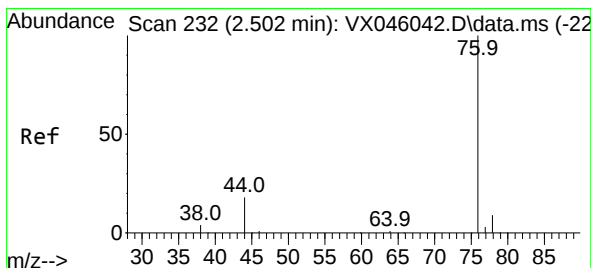
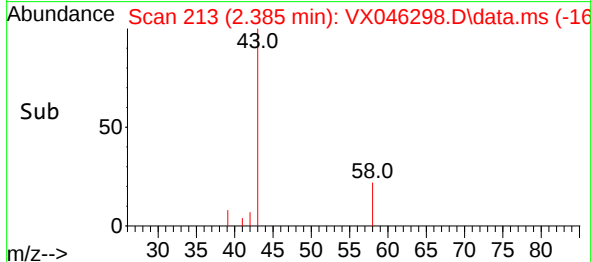
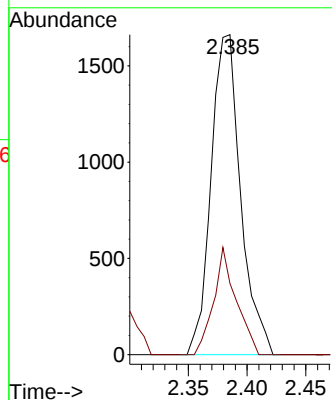
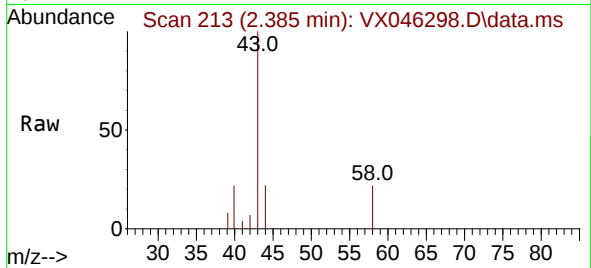




#16  
Acetone  
Concen: 5.944 ug/l  
RT: 2.385 min Scan# 213  
Delta R.T. -0.000 min  
Lab File: VX046298.D  
Acq: 21 May 2025 15:29

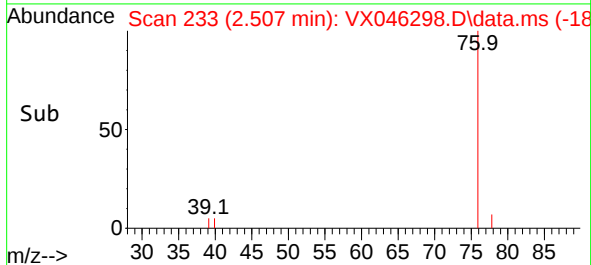
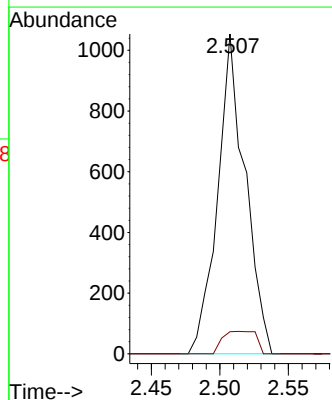
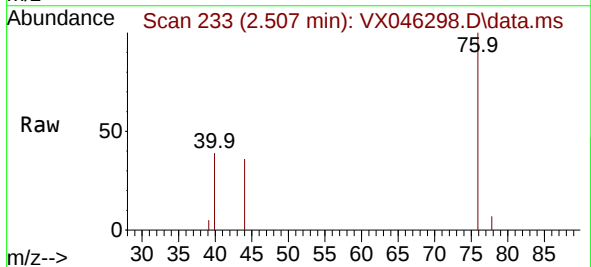
Instrument : MSVOA\_X  
ClientSampleId : BP-VPB-182-GW-280-282

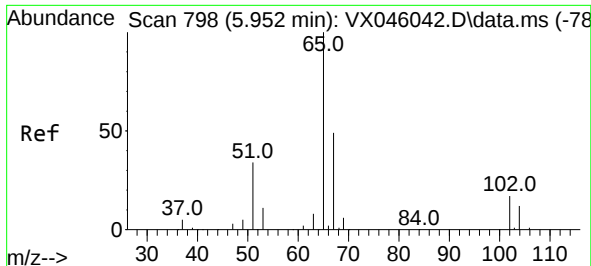
Tgt Ion: 43 Resp: 2915  
Ion Ratio Lower Upper  
43 100  
58 22.3 21.2 31.8



#17  
Carbon Disulfide  
Concen: 0.798 ug/l  
RT: 2.507 min Scan# 233  
Delta R.T. 0.006 min  
Lab File: VX046298.D  
Acq: 21 May 2025 15:29

Tgt Ion: 76 Resp: 1472  
Ion Ratio Lower Upper  
76 100  
78 6.9 7.0 10.4#





#33

1,2-Dichloroethane-d4

Concen: 52.395 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX046298.D

Acq: 21 May 2025 15:29

Instrument :

MSVOA\_X

ClientSampleId :

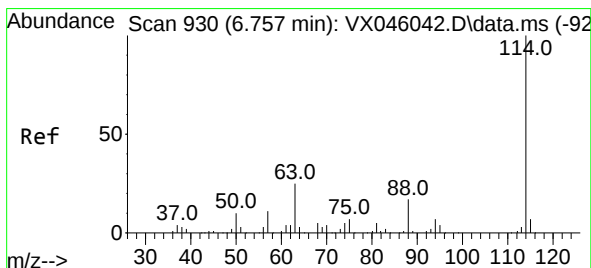
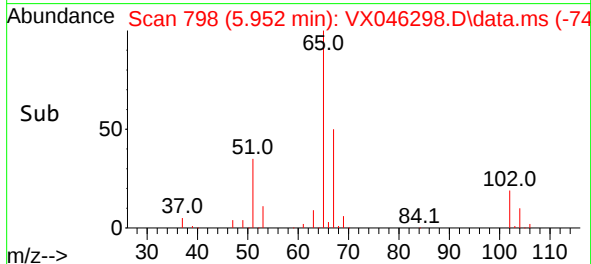
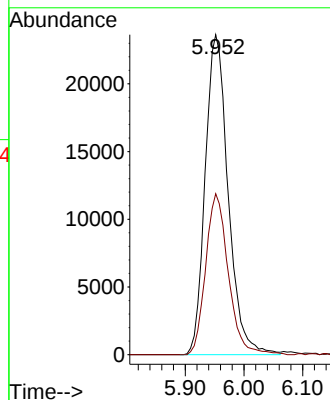
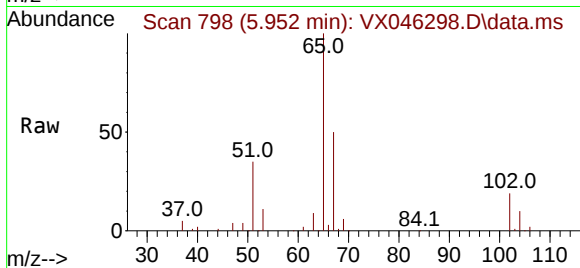
BP-VPB-182-GW-280-282

Tgt Ion: 65 Resp: 64089

Ion Ratio Lower Upper

65 100

67 49.7 0.0 99.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX046298.D

Acq: 21 May 2025 15:29

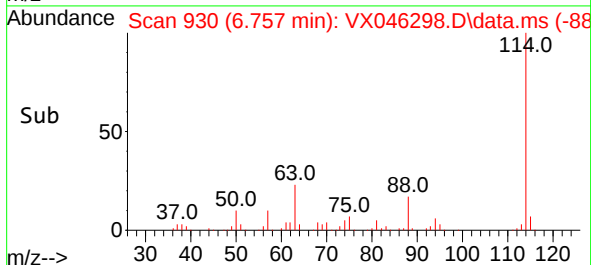
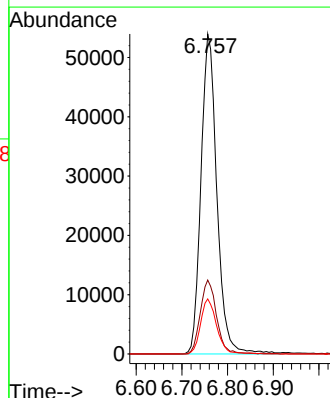
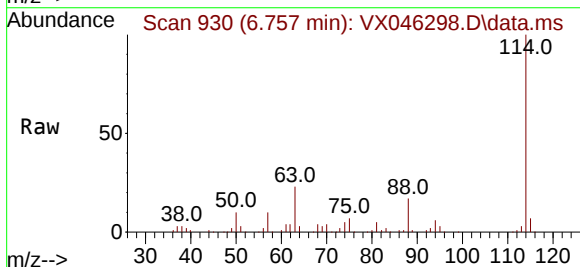
Tgt Ion: 114 Resp: 130055

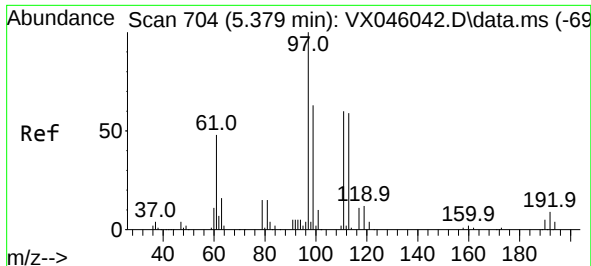
Ion Ratio Lower Upper

114 100

63 23.1 0.0 49.2

88 17.2 0.0 33.6

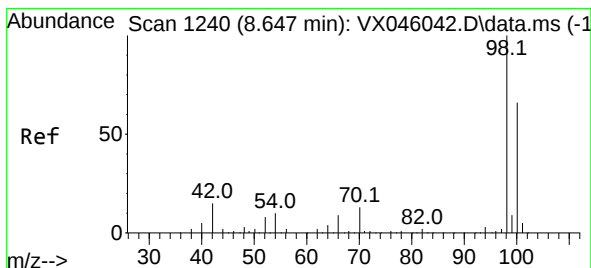
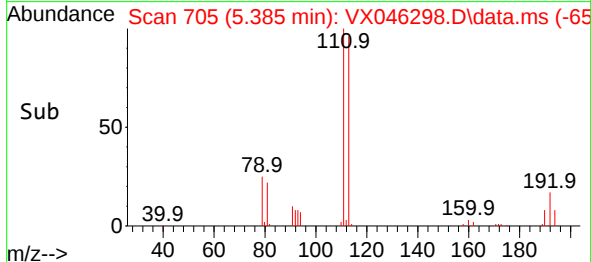
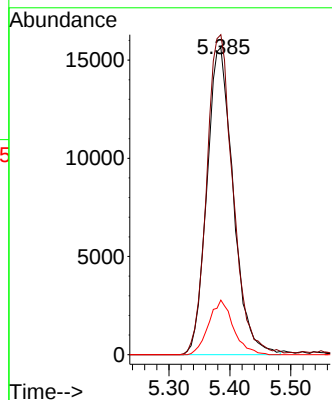
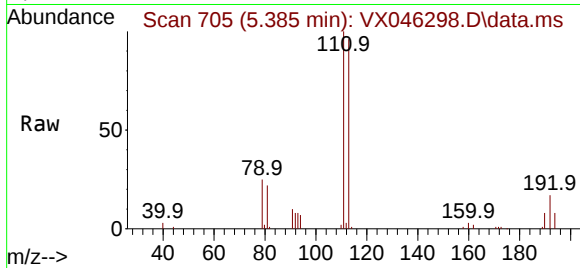




#35  
Dibromofluoromethane  
Concen: 50.106 ug/l  
RT: 5.385 min Scan# 704  
Delta R.T. 0.006 min  
Lab File: VX046298.D  
Acq: 21 May 2025 15:29

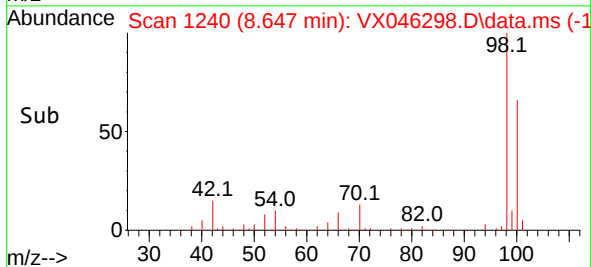
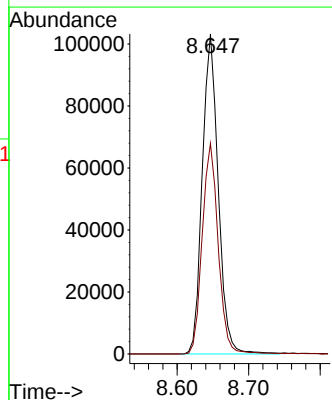
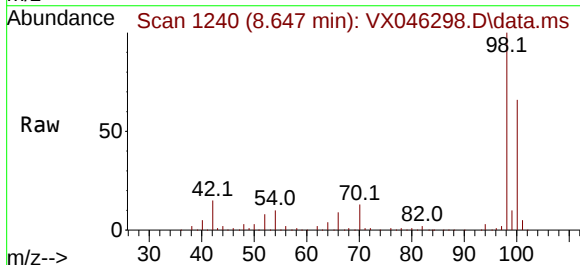
Instrument :  
MSVOA\_X  
ClientSampleId :  
BP-VPB-182-GW-280-282

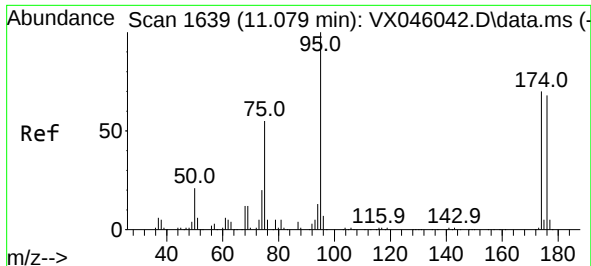
Tgt Ion:113 Resp: 46926  
Ion Ratio Lower Upper  
113 100  
111 104.3 83.1 124.7  
192 16.7 13.3 19.9



#50  
Toluene-d8  
Concen: 49.366 ug/l  
RT: 8.647 min Scan# 1240  
Delta R.T. -0.000 min  
Lab File: VX046298.D  
Acq: 21 May 2025 15:29

Tgt Ion: 98 Resp: 160017  
Ion Ratio Lower Upper  
98 100  
100 65.8 53.5 80.3

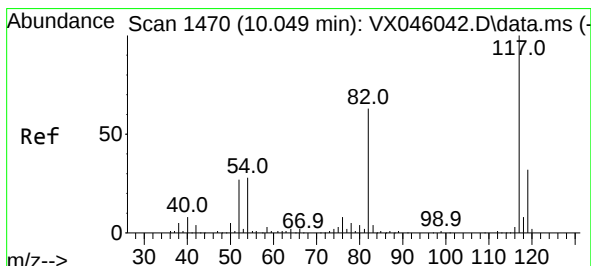
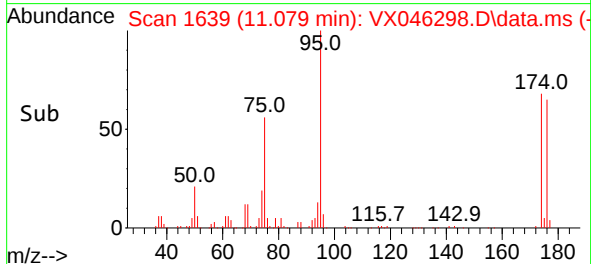
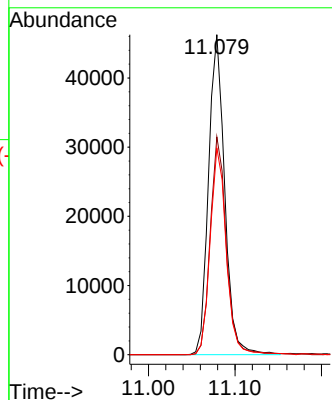
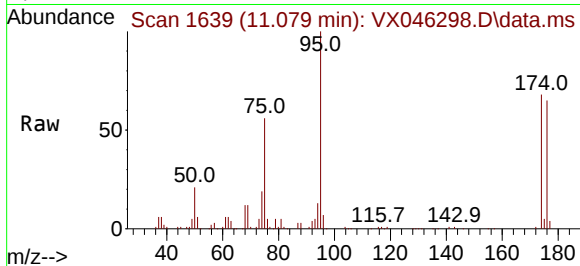




#62  
4-Bromofluorobenzene  
Concen: 48.249 ug/l  
RT: 11.079 min Scan# 1  
Delta R.T. -0.000 min  
Lab File: VX046298.D  
Acq: 21 May 2025 15:29

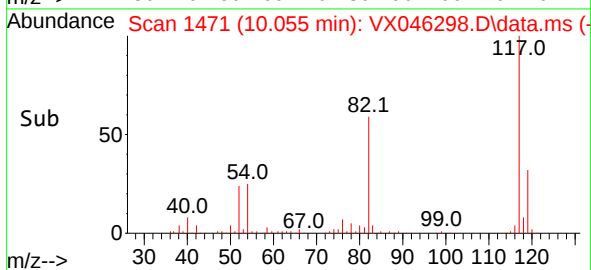
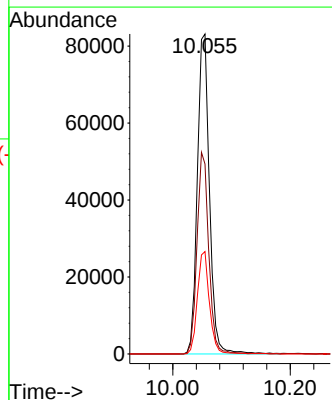
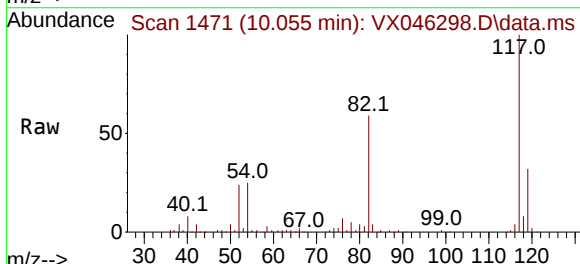
Instrument :  
MSVOA\_X  
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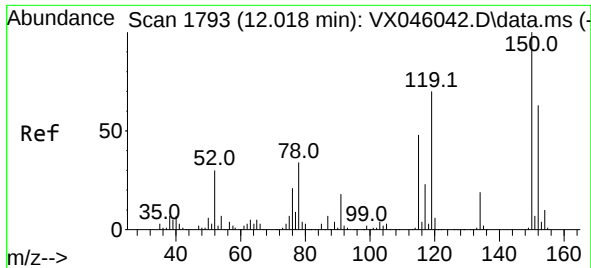
Tgt Ion: 95 Resp: 59992  
Ion Ratio Lower Upper  
95 100  
174 67.7 0.0 135.8  
176 64.5 0.0 131.4



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.006 min  
Lab File: VX046298.D  
Acq: 21 May 2025 15:29

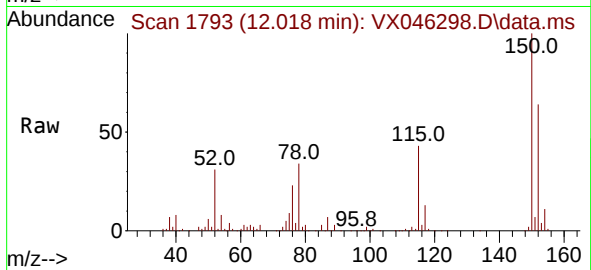
Tgt Ion: 117 Resp: 119143  
Ion Ratio Lower Upper  
117 100  
82 59.3 50.6 76.0  
119 32.0 25.8 38.6





#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 12.018 min Scan# 11  
 Delta R.T. -0.000 min  
 Lab File: VX046298.D  
 Acq: 21 May 2025 15:29

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 BP-VPB-182-GW-280-282



Tgt Ion:152 Resp: 47547  
 Ion Ratio Lower Upper  
 152 100  
 115 66.0 46.9 140.7  
 150 157.8 0.0 351.0

