

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX092525\  
 Data File : VX047811.D  
 Acq On : 25 Sep 2025 14:56  
 Operator : JC/MD  
 Sample : Q3128-08  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 BPOW6-10-20250916

Quant Time: Sep 26 01:29:06 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X091625W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Sep 17 06:39:58 2025  
 Response via : Initial Calibration

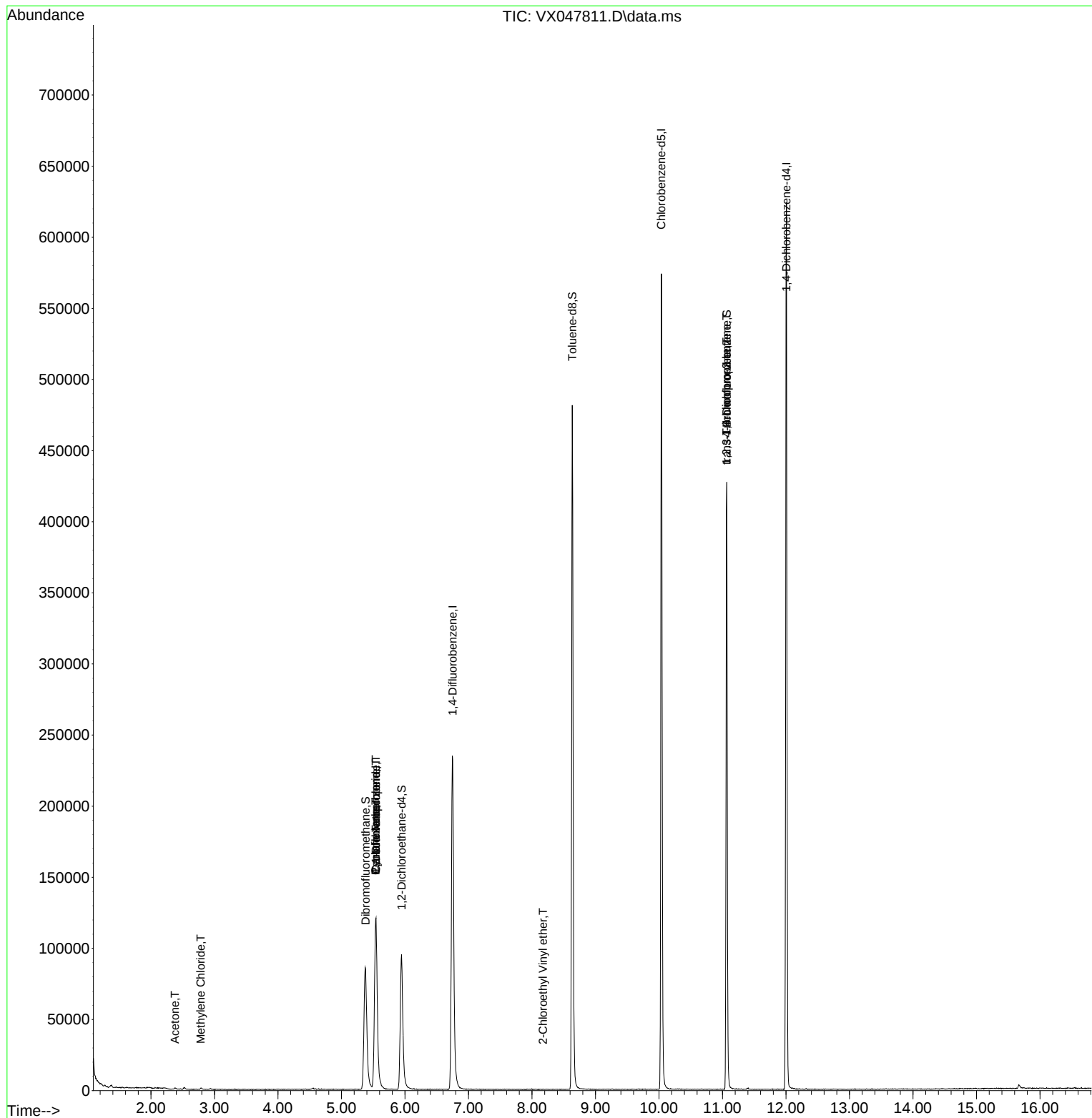
| Compound                      | R.T. QIon |       | Response | Conc     | Units      | Dev(Min) |
|-------------------------------|-----------|-------|----------|----------|------------|----------|
| -----                         |           |       |          |          |            |          |
| Internal Standards            |           |       |          |          |            |          |
| 1) Pentafluorobenzene         | 5.538     | 168   | 124352   | 50.000   | ug/l       | 0.00     |
| 34) 1,4-Difluorobenzene       | 6.751     | 114   | 260863   | 50.000   | ug/l       | 0.00     |
| 63) Chlorobenzene-d5          | 10.037    | 117   | 264166   | 50.000   | ug/l       | 0.00     |
| 72) 1,4-Dichlorobenzene-d4    | 12.006    | 152   | 132252   | 50.000   | ug/l       | 0.00     |
| System Monitoring Compounds   |           |       |          |          |            |          |
| 33) 1,2-Dichloroethane-d4     | 5.946     | 65    | 101668   | 51.364   | ug/l       | 0.00     |
| Spiked Amount                 | 50.000    | Range | 78 - 117 | Recovery | = 102.720% |          |
| 35) Dibromofluoromethane      | 5.379     | 113   | 85144    | 48.668   | ug/l       | 0.00     |
| Spiked Amount                 | 50.000    | Range | 75 - 124 | Recovery | = 97.340%  |          |
| 50) Toluene-d8                | 8.635     | 98    | 293211   | 48.436   | ug/l       | 0.00     |
| Spiked Amount                 | 50.000    | Range | 92 - 112 | Recovery | = 96.880%  |          |
| 62) 4-Bromofluorobenzene      | 11.067    | 95    | 123993   | 53.970   | ug/l       | 0.00     |
| Spiked Amount                 | 50.000    | Range | 83 - 123 | Recovery | = 107.940% |          |
| Target Compounds              |           |       |          |          |            |          |
|                               |           |       |          |          | Qvalue     |          |
| 16) Acetone                   | 2.380     | 43    | 1183     | 1.375    | ug/l #     | 62       |
| 20) Methylene Chloride        | 2.782     | 84    | 549      | 0.301    | ug/l #     | 53       |
| 31) Cyclohexane               | 5.538     | 56    | 2780     | 1.063    | ug/l #     | 1        |
| 36) 1,1-Dichloropropene       | 5.544     | 75    | 10670    | 4.174    | ug/l #     | 49       |
| 38) Carbon Tetrachloride      | 5.544     | 117   | 12895    | 4.643    | ug/l #     | 18       |
| 58) 2-Chloroethyl Vinyl ether | 8.171     | 63    | 27       | 7.912    | ug/l #     | 47       |
| 76) 1,2,3-Trichloropropane    | 11.061    | 75    | 62617    | 23.385   | ug/l #     | 39       |
| 81) trans-1,4-Dichloro-2-b... | 11.061    | 75    | 62617    | 59.634   | ug/l #     | 8        |
| -----                         |           |       |          |          |            |          |

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

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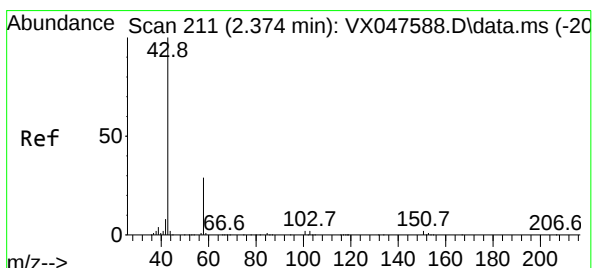
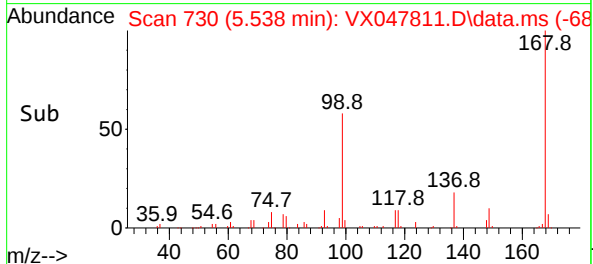
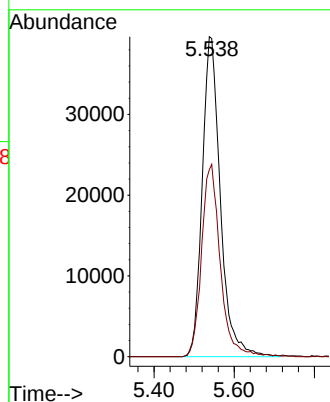
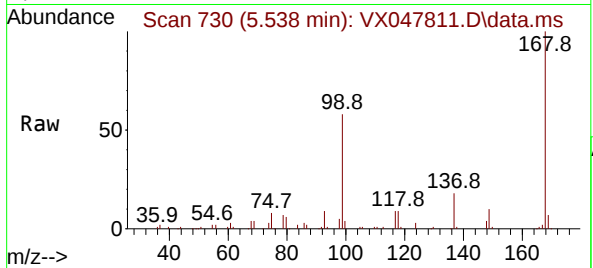




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.538 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: VX047811.D  
Acq: 25 Sep 2025 14:56

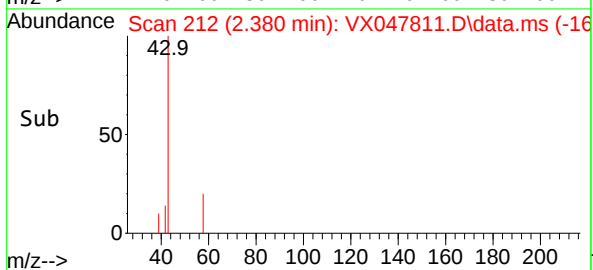
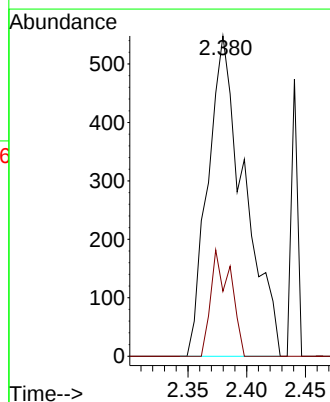
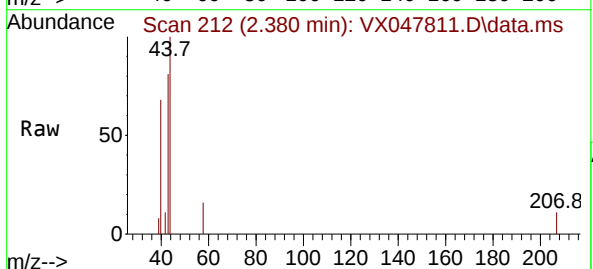
Instrument :  
MSVOA\_X  
ClientSampleId :  
BPOW6-10-20250916

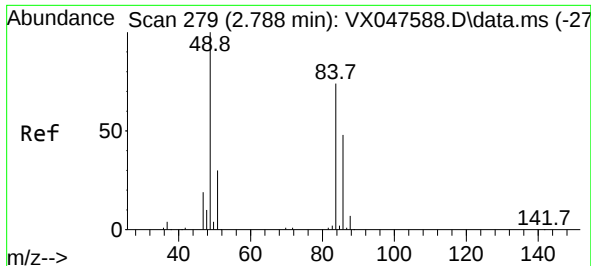
Tgt Ion:168 Resp: 124352  
Ion Ratio Lower Upper  
168 100  
99 58.4 48.8 73.2



#16  
Acetone  
Concen: 1.375 ug/l  
RT: 2.380 min Scan# 212  
Delta R.T. 0.006 min  
Lab File: VX047811.D  
Acq: 25 Sep 2025 14:56

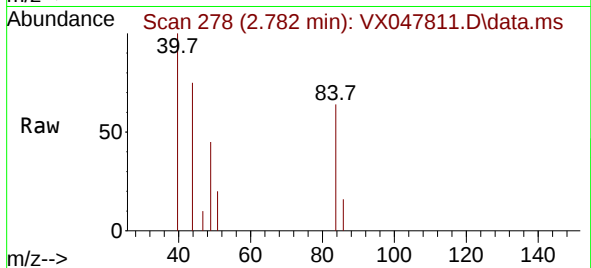
Tgt Ion: 43 Resp: 1183  
Ion Ratio Lower Upper  
43 100  
58 9.1 23.4 35.0#



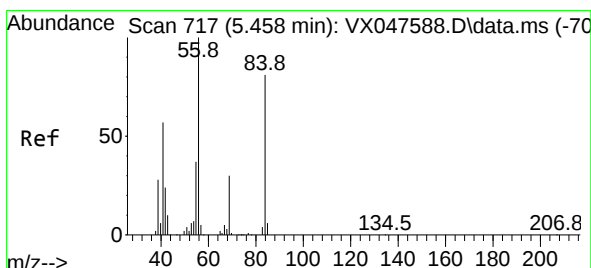
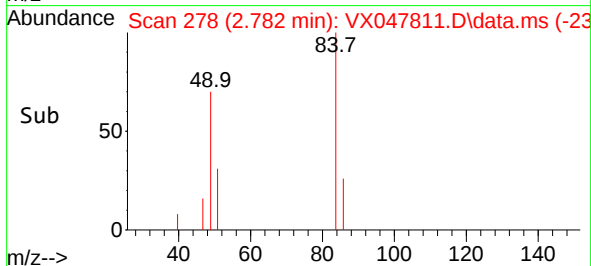
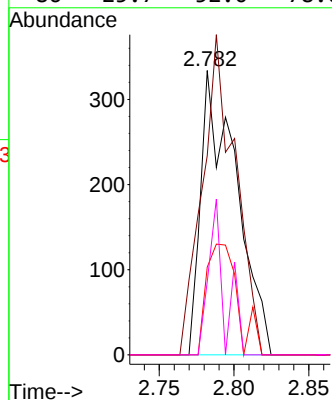


#20  
Methylene Chloride  
Concen: 0.301 ug/l  
RT: 2.782 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: VX047811.D  
Acq: 25 Sep 2025 14:56

Instrument :  
MSVOA\_X  
ClientSampleId :  
BPOW6-10-20250916

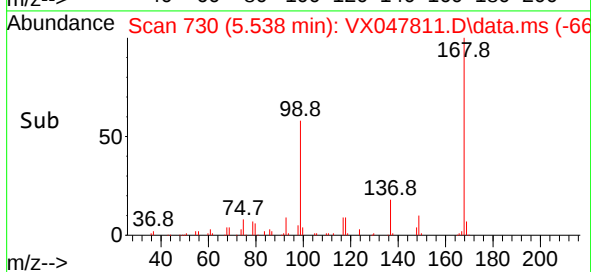
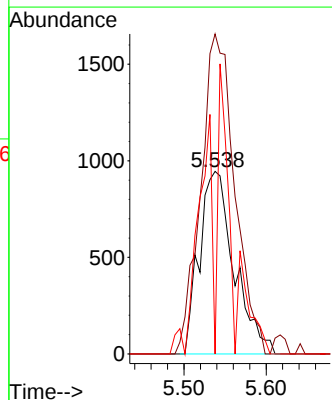
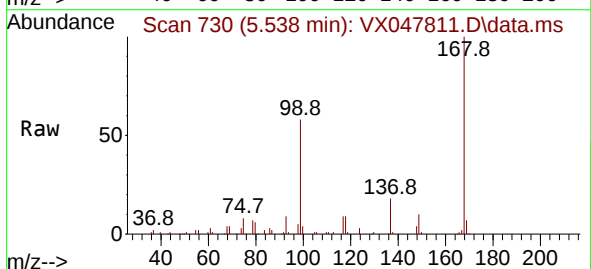


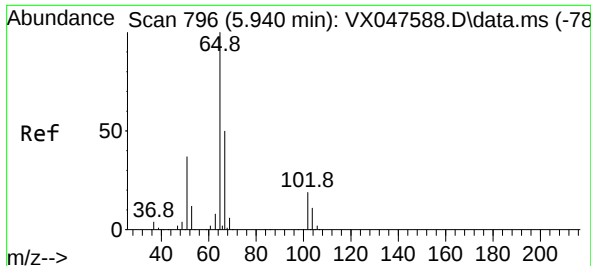
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 84    | Resp: | 549    |
| Ion      | Ratio | Lower | Upper  |
| 84       | 100   |       |        |
| 49       | 70.1  | 108.6 | 162.8# |
| 51       | 30.8  | 32.6  | 48.8#  |
| 86       | 25.7  | 52.0  | 78.0#  |



#31  
Cyclohexane  
Concen: 1.063 ug/l  
RT: 5.538 min Scan# 730  
Delta R.T. 0.079 min  
Lab File: VX047811.D  
Acq: 25 Sep 2025 14:56

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 56    | Resp: | 2780  |
| Ion      | Ratio | Lower | Upper |
| 56       | 100   |       |       |
| 69       | 168.9 | 23.8  | 35.8# |
| 84       | 0.0   | 64.6  | 97.0# |





#33

1,2-Dichloroethane-d4

Concen: 51.364 ug/l

RT: 5.946 min Scan# 796

Delta R.T. 0.006 min

Lab File: VX047811.D

Acq: 25 Sep 2025 14:56

Instrument :

MSVOA\_X

ClientSampleId :

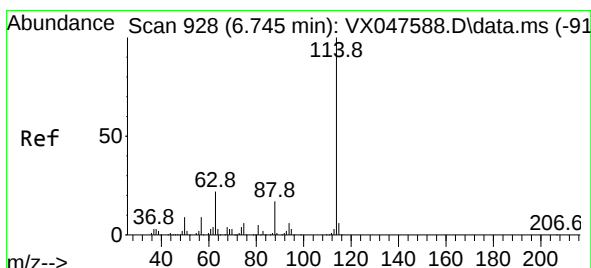
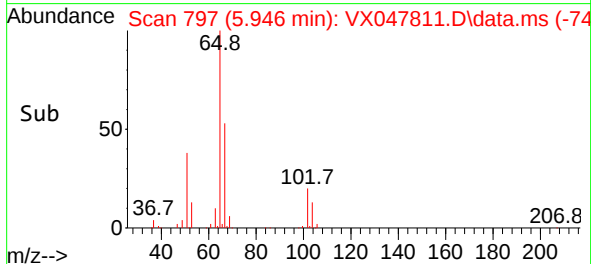
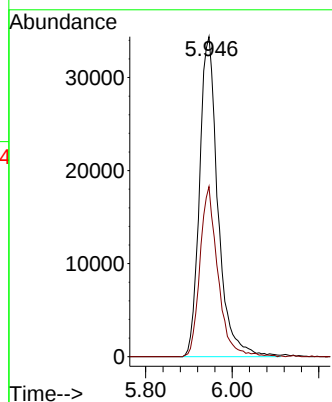
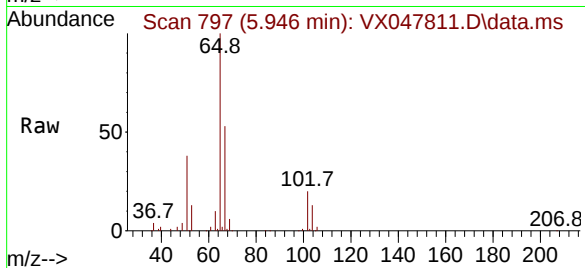
BPOW6-10-20250916

Tgt Ion: 65 Resp: 101668

Ion Ratio Lower Upper

65 100

67 51.9 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.751 min Scan# 929

Delta R.T. 0.006 min

Lab File: VX047811.D

Acq: 25 Sep 2025 14:56

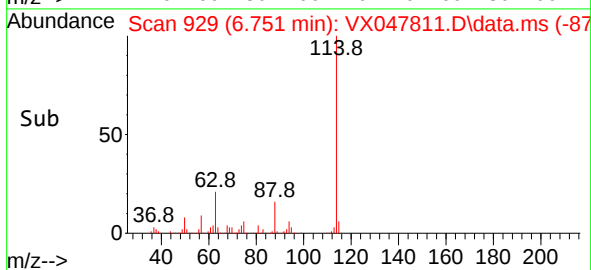
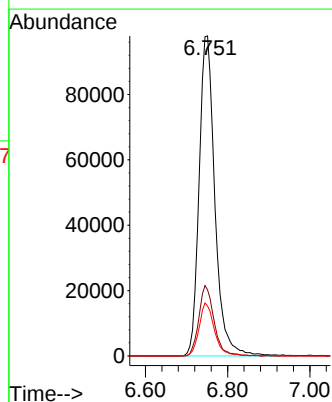
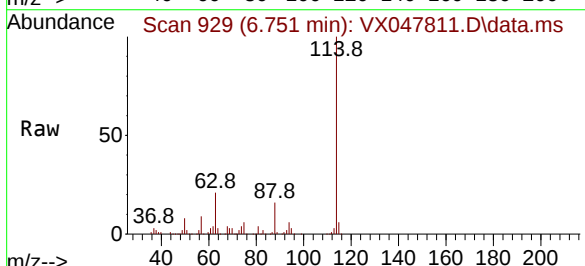
Tgt Ion: 114 Resp: 260863

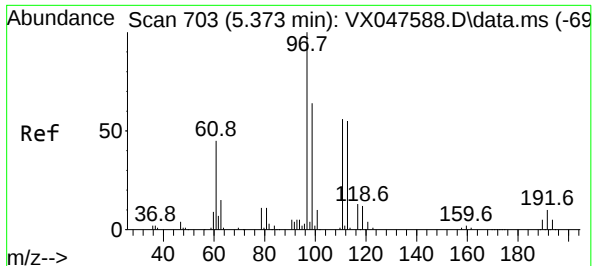
Ion Ratio Lower Upper

114 100

63 20.7 0.0 44.0

88 15.6 0.0 34.2





#35

Dibromofluoromethane

Concen: 48.668 ug/l

RT: 5.379 min Scan# 703

Delta R.T. 0.006 min

Lab File: VX047811.D

Acq: 25 Sep 2025 14:56

Instrument :

MSVOA\_X

ClientSampleId :

BPOW6-10-20250916

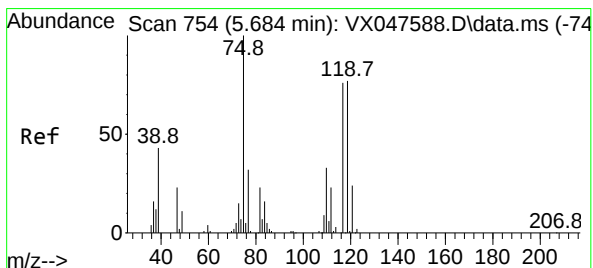
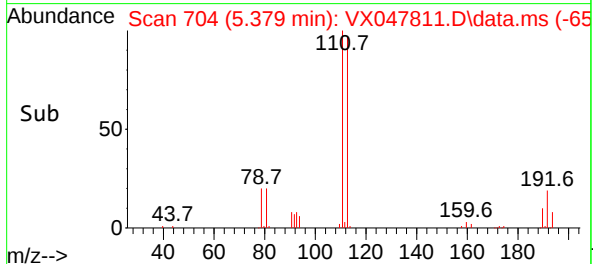
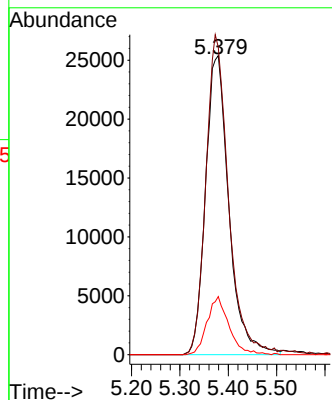
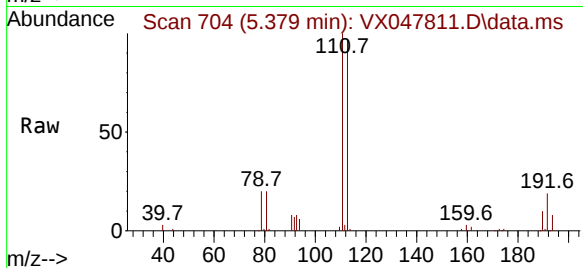
Tgt Ion:113 Resp: 85144

Ion Ratio Lower Upper

113 100

111 103.7 80.9 121.3

192 18.2 14.2 21.4



#36

1,1-Dichloropropene

Concen: 4.174 ug/l

RT: 5.544 min Scan# 731

Delta R.T. -0.140 min

Lab File: VX047811.D

Acq: 25 Sep 2025 14:56

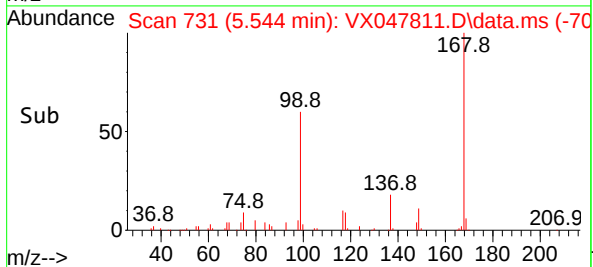
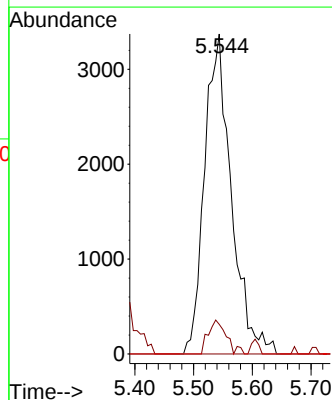
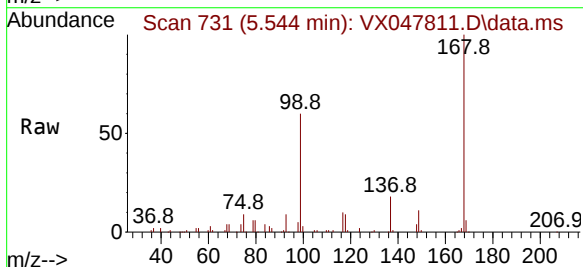
Tgt Ion: 75 Resp: 10670

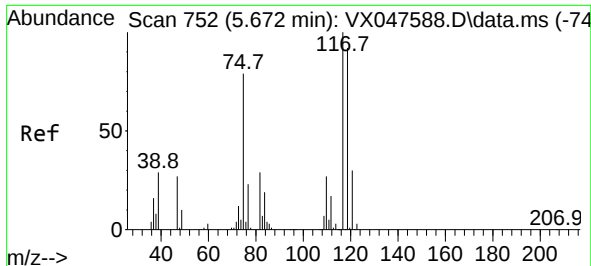
Ion Ratio Lower Upper

75 100

110 7.2 16.7 50.1#

77 0.0 24.3 36.5#

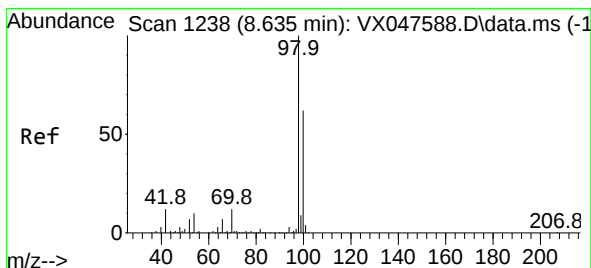
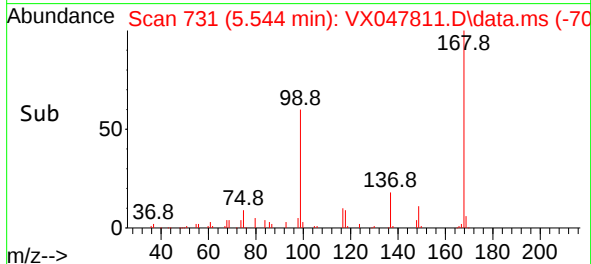
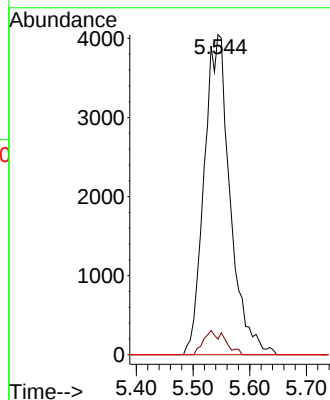
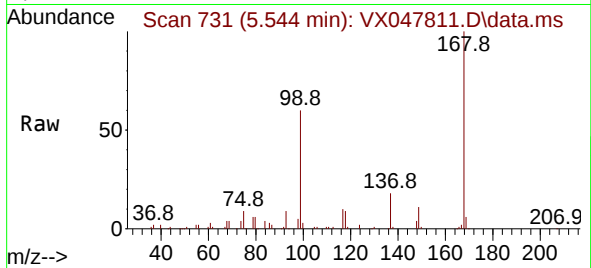




#38  
Carbon Tetrachloride  
Concen: 4.643 ug/l  
RT: 5.544 min Scan# 71  
Delta R.T. -0.128 min  
Lab File: VX047811.D  
Acq: 25 Sep 2025 14:56

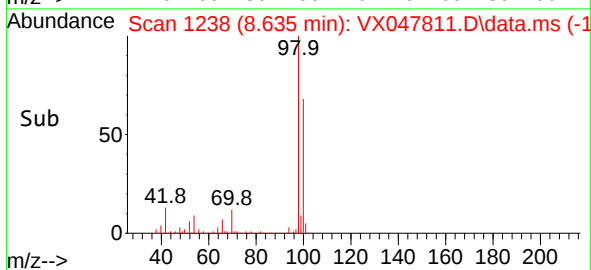
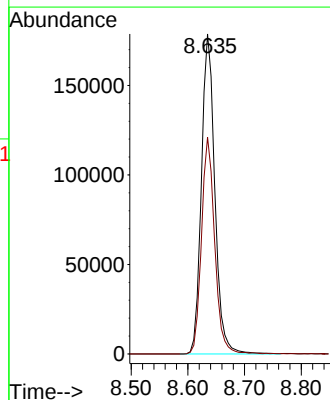
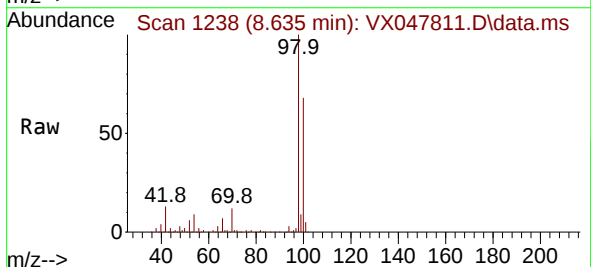
Instrument :  
MSVOA\_X  
ClientSampleId :  
BPOW6-10-20250916

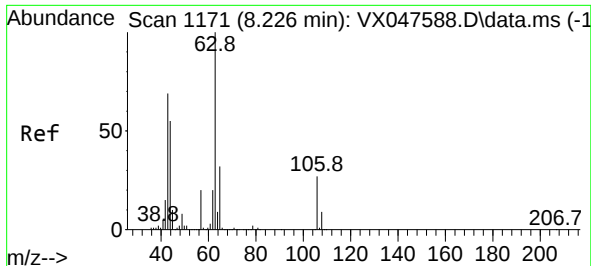
Tgt Ion:117 Resp: 12895  
Ion Ratio Lower Upper  
117 100  
119 4.9 73.4 110.2#  
121 0.0 23.8 35.6#



#50  
Toluene-d8  
Concen: 48.436 ug/l  
RT: 8.635 min Scan# 1238  
Delta R.T. 0.000 min  
Lab File: VX047811.D  
Acq: 25 Sep 2025 14:56

Tgt Ion: 98 Resp: 293211  
Ion Ratio Lower Upper  
98 100  
100 66.7 53.0 79.4

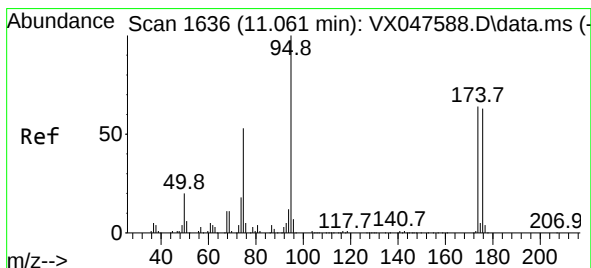
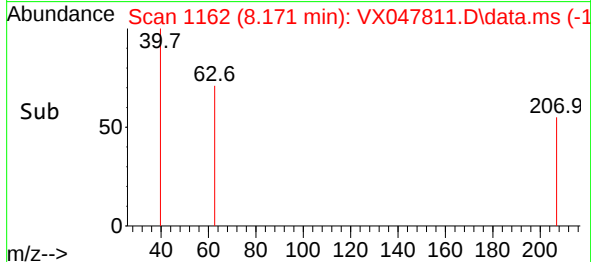
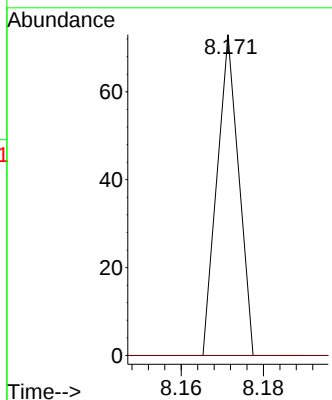
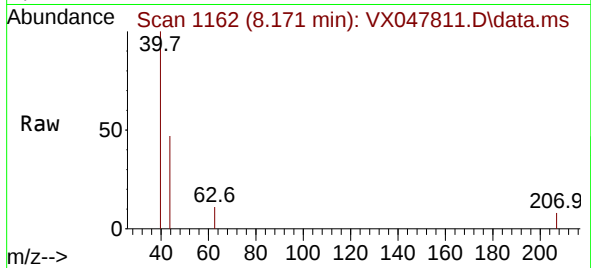




#58  
2-Chloroethyl Vinyl ether  
Concen: 7.912 ug/l  
RT: 8.171 min Scan# 1162  
Delta R.T. -0.055 min  
Lab File: VX047811.D  
Acq: 25 Sep 2025 14:56

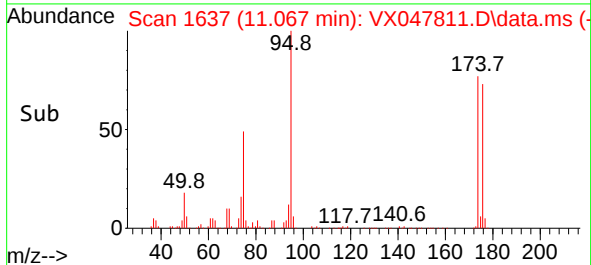
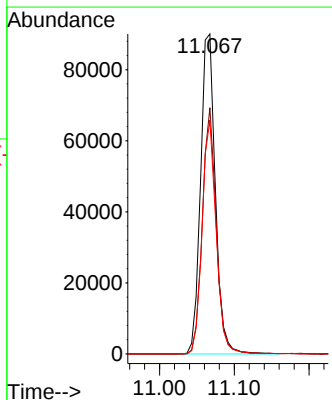
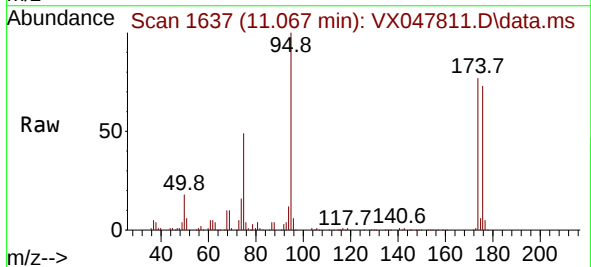
Instrument :  
MSVOA\_X  
ClientSampleId :  
BPOW6-10-20250916

Tgt Ion: 63 Resp: 27  
Ion Ratio Lower Upper  
63 100  
106 0.0 21.9 32.9#



#62  
4-Bromofluorobenzene  
Concen: 53.970 ug/l  
RT: 11.067 min Scan# 1637  
Delta R.T. 0.006 min  
Lab File: VX047811.D  
Acq: 25 Sep 2025 14:56

Tgt Ion: 95 Resp: 123993  
Ion Ratio Lower Upper  
95 100  
174 72.3 0.0 141.6  
176 69.3 0.0 138.4

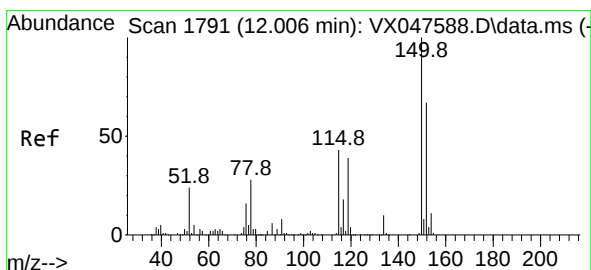
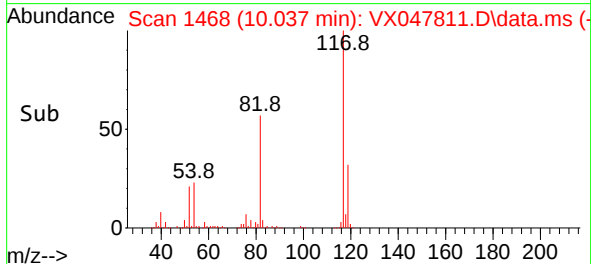
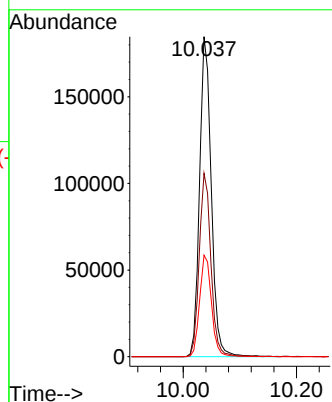
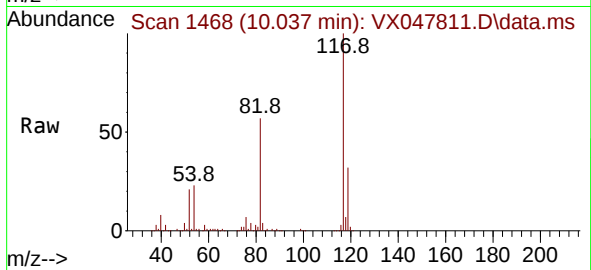




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.037 min Scan# 1468  
Delta R.T. 0.000 min  
Lab File: VX047811.D  
Acq: 25 Sep 2025 14:56

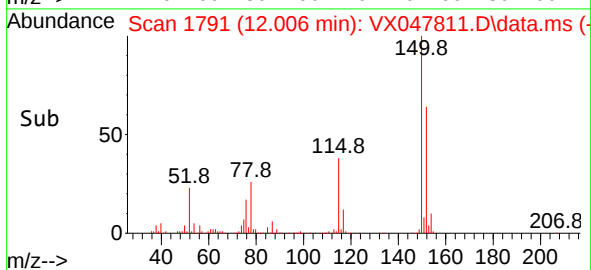
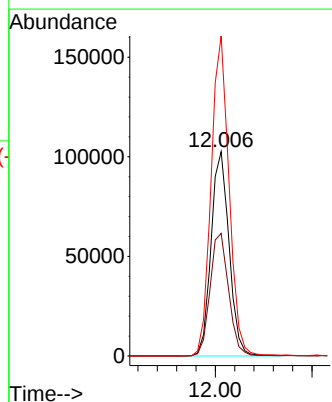
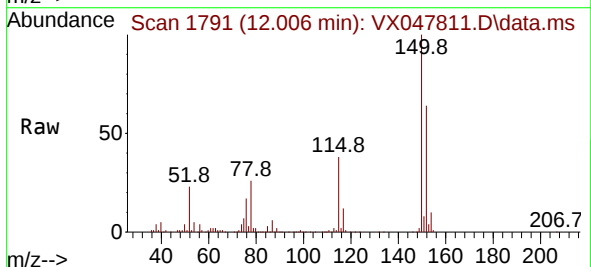
Instrument :  
MSVOA\_X  
ClientSampleId :  
BPOW6-10-20250916

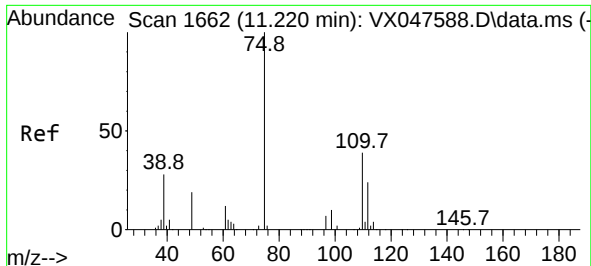
Tgt Ion:117 Resp: 264166  
Ion Ratio Lower Upper  
117 100  
82 57.3 47.8 71.6  
119 31.7 25.2 37.8



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.006 min Scan# 1791  
Delta R.T. 0.000 min  
Lab File: VX047811.D  
Acq: 25 Sep 2025 14:56

Tgt Ion:152 Resp: 132252  
Ion Ratio Lower Upper  
152 100  
115 62.2 44.9 134.5  
150 156.2 0.0 352.0

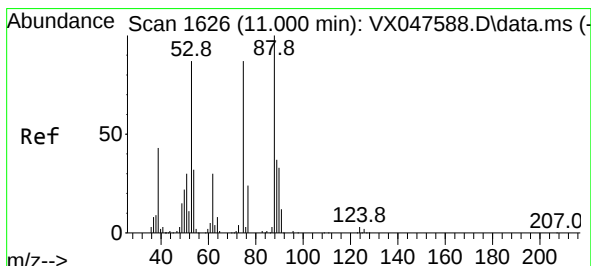
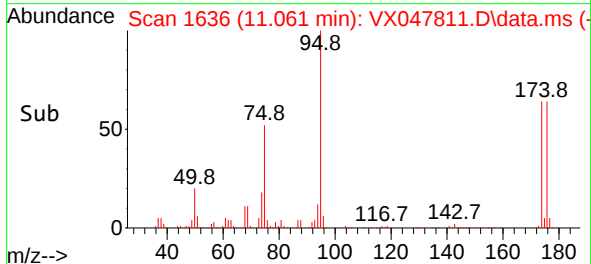
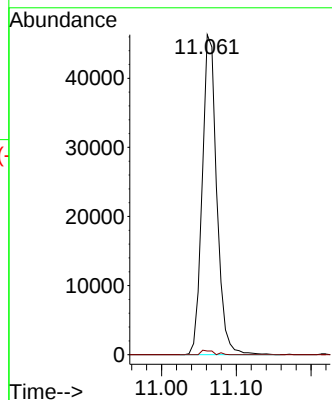
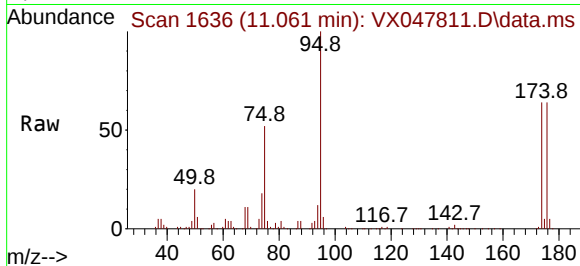




#76  
1,2,3-Trichloropropane  
Concen: 23.385 ug/l  
RT: 11.061 min Scan# 1636  
Delta R.T. -0.158 min  
Lab File: VX047811.D  
Acq: 25 Sep 2025 14:56

Instrument :  
MSVOA\_X  
ClientSampleId :  
BPOW6-10-20250916

Tgt Ion: 75 Resp: 62617  
Ion Ratio Lower Upper  
75 100  
77 1.2 18.8 56.4#



#81  
trans-1,4-Dichloro-2-butene  
Concen: 59.634 ug/l  
RT: 11.061 min Scan# 1636  
Delta R.T. 0.061 min  
Lab File: VX047811.D  
Acq: 25 Sep 2025 14:56

Tgt Ion: 75 Resp: 62617  
Ion Ratio Lower Upper  
75 100  
53 0.0 83.4 125.2#  
89 0.0 36.3 54.5#

