

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN021925\  
 Data File : VN085788.D  
 Acq On : 19 Feb 2025 14:21  
 Operator : JC\MD  
 Sample : Q1380-01  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 BP-VPB-192-EB-20250212

Quant Time: Feb 20 00:48:27 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N021825W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Feb 19 03:43:32 2025  
 Response via : Initial Calibration

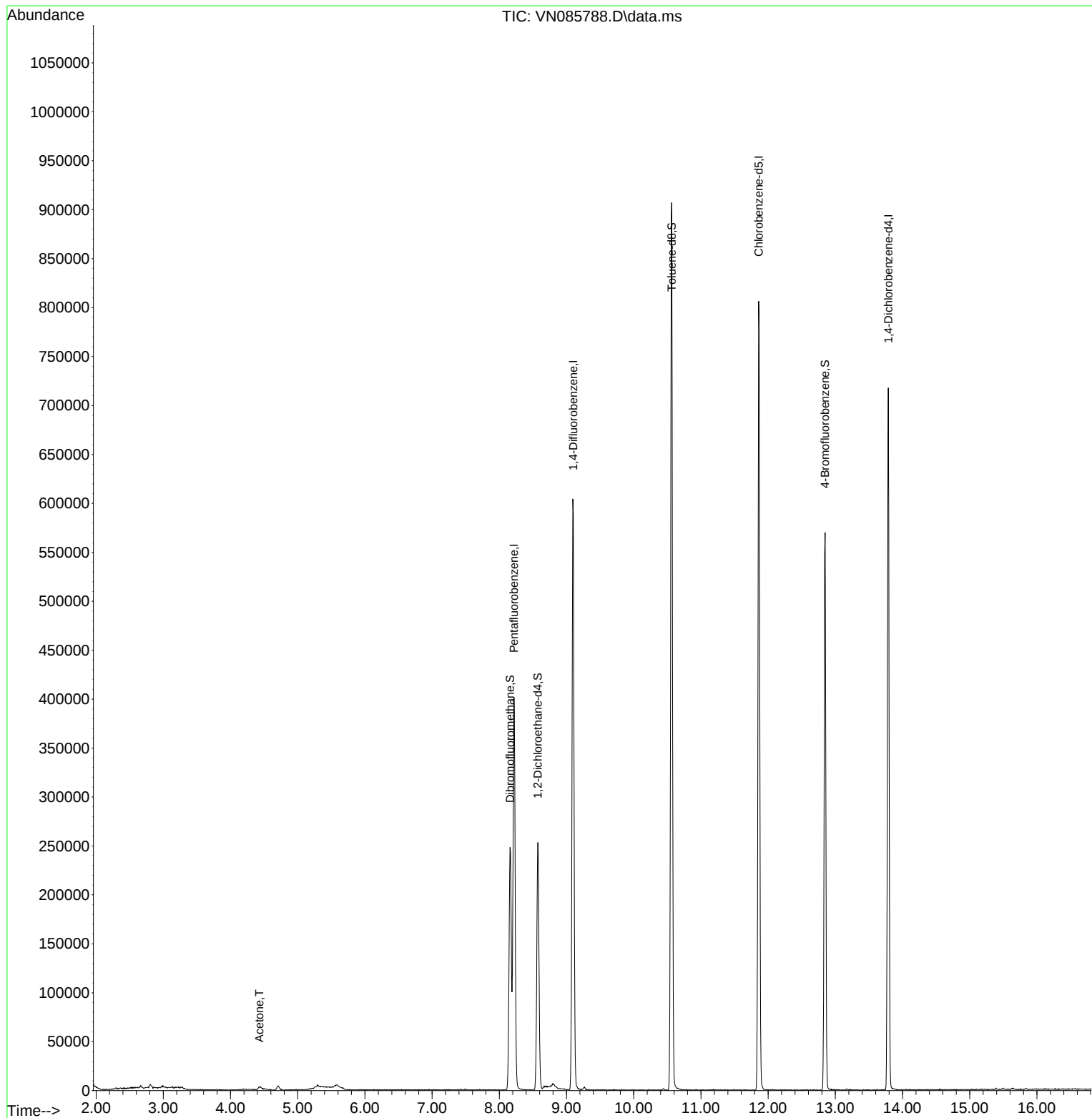
| Compound                    | R.T.   | QIon           | Response | Conc   | Units    | Dev(Min)  |
|-----------------------------|--------|----------------|----------|--------|----------|-----------|
| -----                       |        |                |          |        |          |           |
| Internal Standards          |        |                |          |        |          |           |
| 1) Pentafluorobenzene       | 8.218  | 168            | 292071   | 50.000 | ug/l     | 0.00      |
| 34) 1,4-Difluorobenzene     | 9.100  | 114            | 537683   | 50.000 | ug/l     | 0.00      |
| 63) Chlorobenzene-d5        | 11.859 | 117            | 478583   | 50.000 | ug/l     | 0.00      |
| 72) 1,4-Dichlorobenzene-d4  | 13.788 | 152            | 200119   | 50.000 | ug/l     | 0.00      |
| System Monitoring Compounds |        |                |          |        |          |           |
| 33) 1,2-Dichloroethane-d4   | 8.571  | 65             | 210670   | 55.636 | ug/l     | 0.00      |
| Spiked Amount               | 50.000 | Range 74 - 125 | Recovery | =      | 111.280% |           |
| 35) Dibromofluoromethane    | 8.159  | 113            | 182949   | 51.999 | ug/l     | 0.00      |
| Spiked Amount               | 50.000 | Range 75 - 124 | Recovery | =      | 104.000% |           |
| 50) Toluene-d8              | 10.565 | 98             | 652872   | 51.002 | ug/l     | 0.00      |
| Spiked Amount               | 50.000 | Range 86 - 113 | Recovery | =      | 102.000% |           |
| 62) 4-Bromofluorobenzene    | 12.847 | 95             | 208565   | 49.451 | ug/l     | 0.00      |
| Spiked Amount               | 50.000 | Range 77 - 121 | Recovery | =      | 98.900%  |           |
| Target Compounds            |        |                |          |        |          |           |
| 16) Acetone                 | 4.430  | 43             | 5625     | 4.695  | ug/l     | Qvalue 91 |
| -----                       |        |                |          |        |          |           |

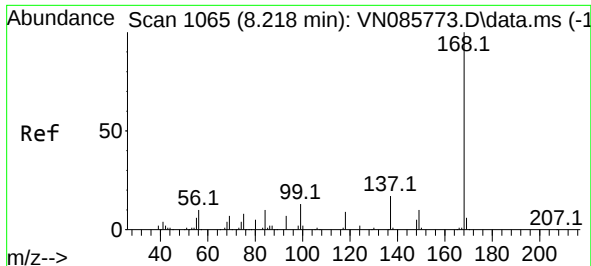
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN021925\  
Data File : VN085788.D  
Acq On : 19 Feb 2025 14:21  
Operator : JC\MD  
Sample : Q1380-01  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
BP-VPB-192-EB-20250212

Quant Time: Feb 20 00:48:27 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N021825W.M  
Quant Title : SW846 8260  
QLast Update : Wed Feb 19 03:43:32 2025  
Response via : Initial Calibration

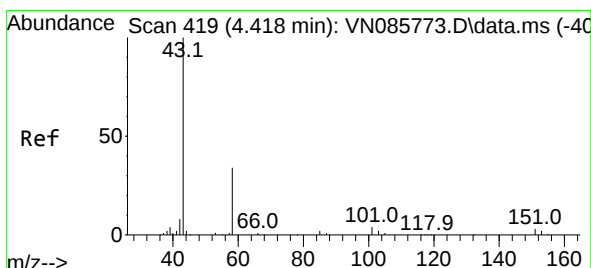
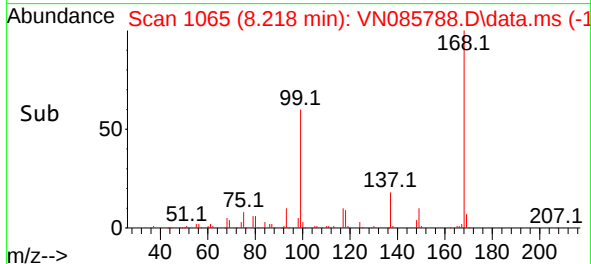
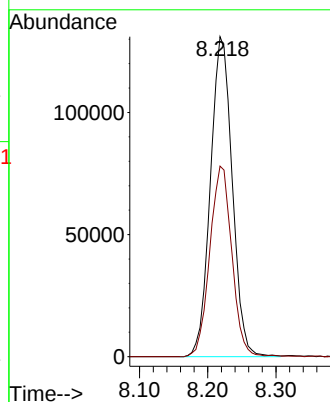
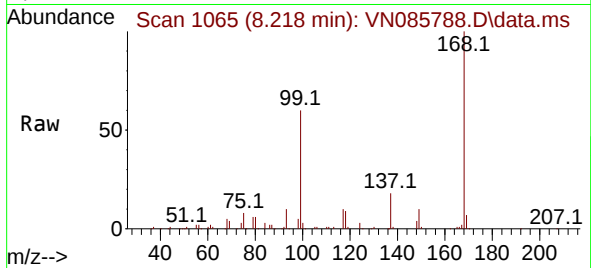




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.218 min Scan# 1065  
Delta R.T. -0.000 min  
Lab File: VN085788.D  
Acq: 19 Feb 2025 14:21

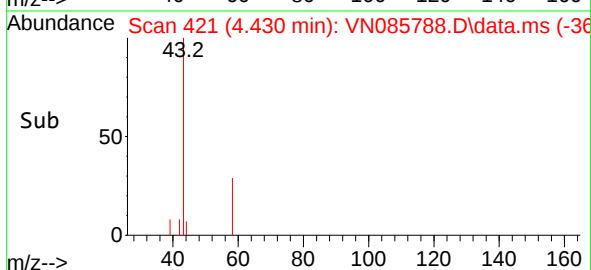
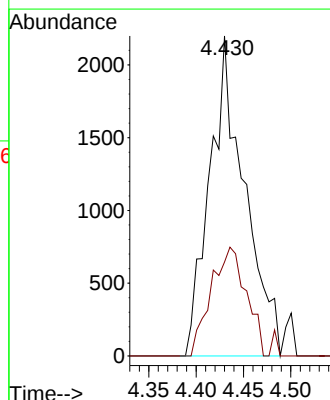
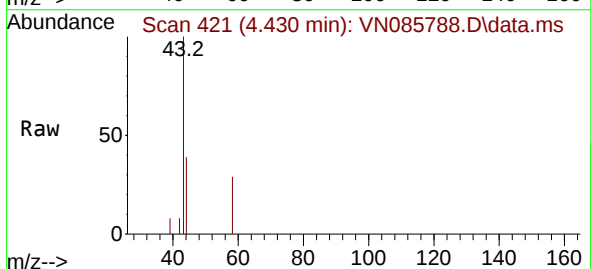
Instrument :  
MSVOA\_N  
ClientSampleId :  
BP-VPB-192-EB-20250212

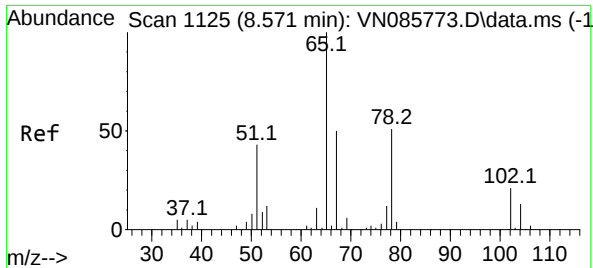
Tgt Ion:168 Resp: 292071  
Ion Ratio Lower Upper  
168 100  
99 59.5 47.9 71.9



#16  
Acetone  
Concen: 4.695 ug/l  
RT: 4.430 min Scan# 421  
Delta R.T. 0.012 min  
Lab File: VN085788.D  
Acq: 19 Feb 2025 14:21

Tgt Ion: 43 Resp: 5625  
Ion Ratio Lower Upper  
43 100  
58 29.3 27.5 41.3

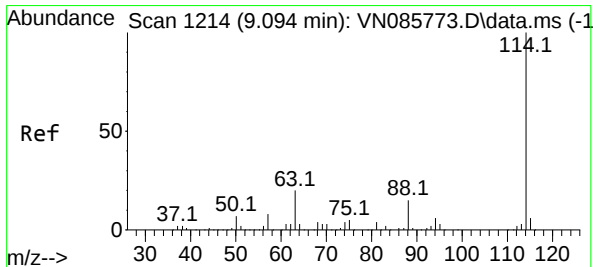
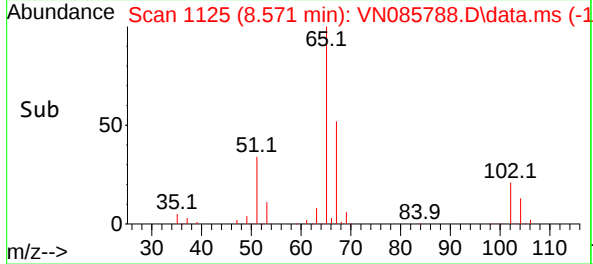
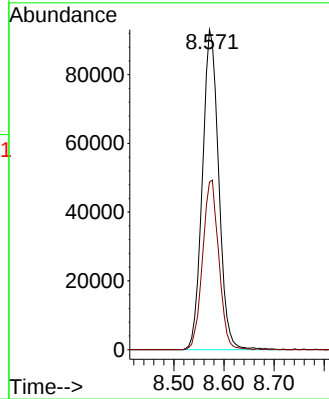
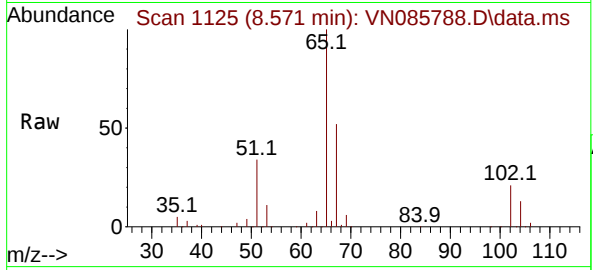




#33  
 1,2-Dichloroethane-d4  
 Concen: 55.636 ug/l  
 RT: 8.571 min Scan# 1125  
 Delta R.T. 0.000 min  
 Lab File: VN085788.D  
 Acq: 19 Feb 2025 14:21

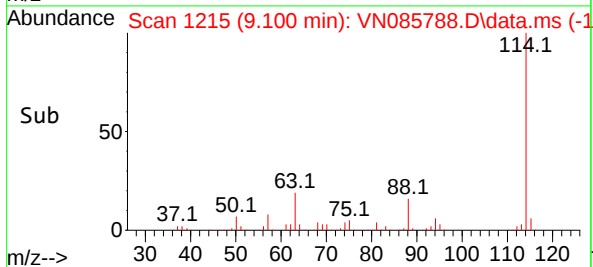
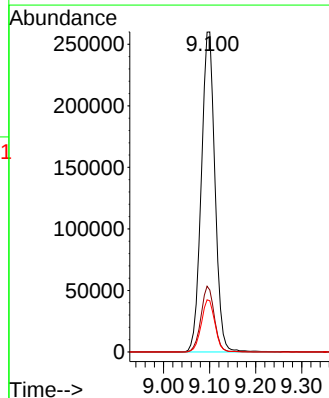
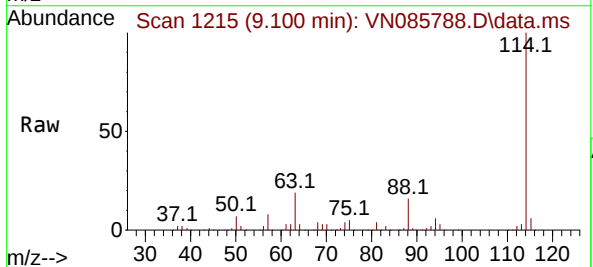
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 BP-VPB-192-EB-20250212

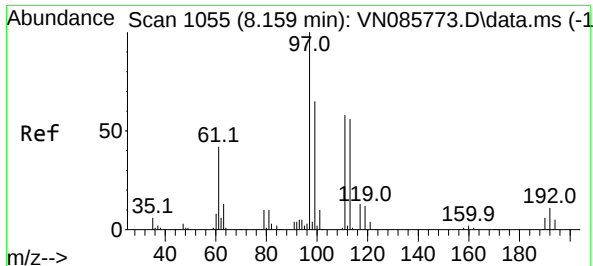
Tgt Ion: 65 Resp: 210670  
 Ion Ratio Lower Upper  
 65 100  
 67 52.6 0.0 106.2



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 9.100 min Scan# 1215  
 Delta R.T. 0.006 min  
 Lab File: VN085788.D  
 Acq: 19 Feb 2025 14:21

Tgt Ion: 114 Resp: 537683  
 Ion Ratio Lower Upper  
 114 100  
 63 19.3 0.0 39.2  
 88 16.0 0.0 30.0





#35

Dibromofluoromethane

Concen: 51.999 ug/l

RT: 8.159 min Scan# 1055

Delta R.T. 0.000 min

Lab File: VN085788.D

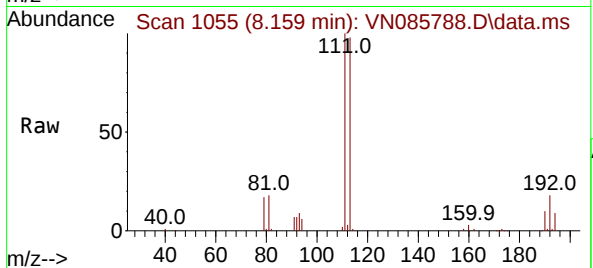
Acq: 19 Feb 2025 14:21

Instrument :

MSVOA\_N

ClientSampleId :

BP-VPB-192-EB-20250212



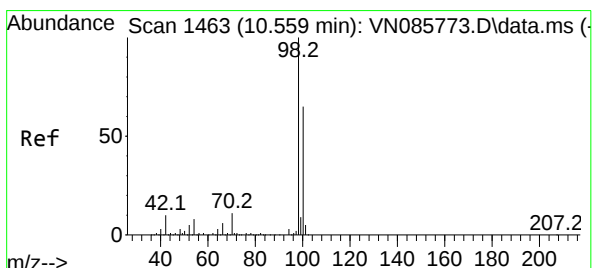
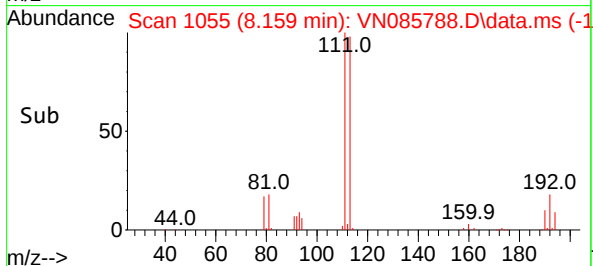
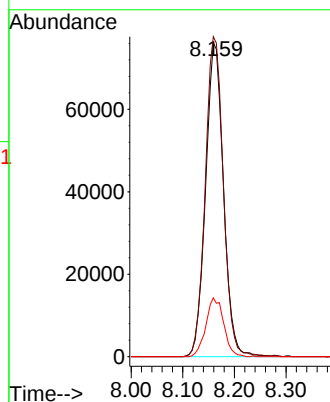
Tgt Ion:113 Resp: 182949

Ion Ratio Lower Upper

113 100

111 103.1 82.2 123.4

192 18.7 14.7 22.1



#50

Toluene-d8

Concen: 51.002 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.006 min

Lab File: VN085788.D

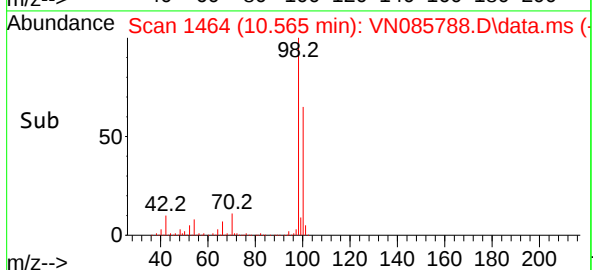
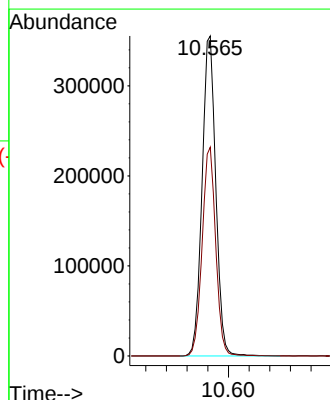
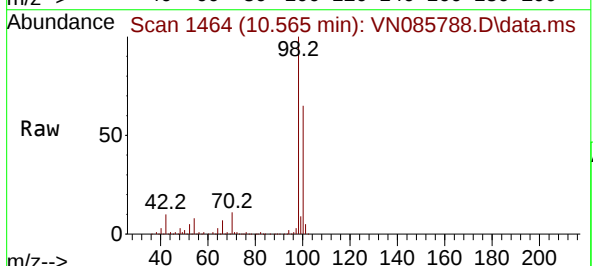
Acq: 19 Feb 2025 14:21

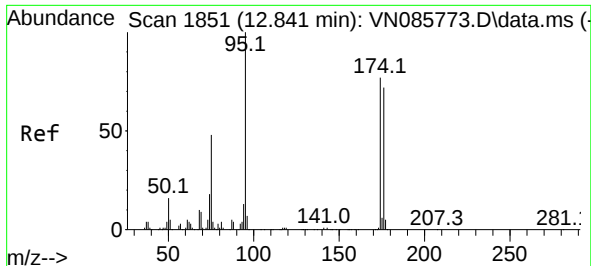
Tgt Ion: 98 Resp: 652872

Ion Ratio Lower Upper

98 100

100 64.6 52.1 78.1

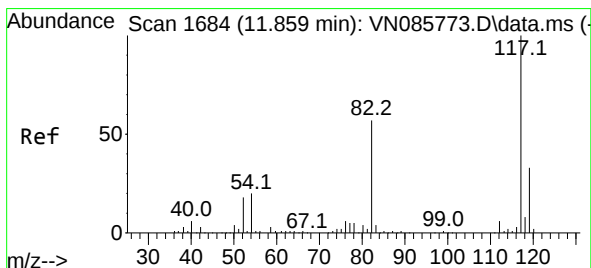
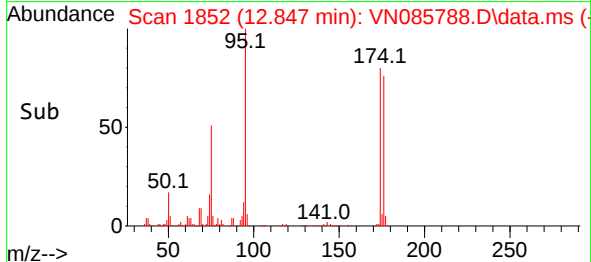
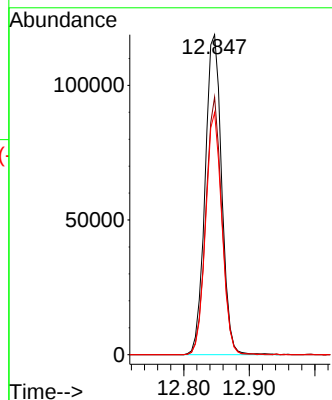
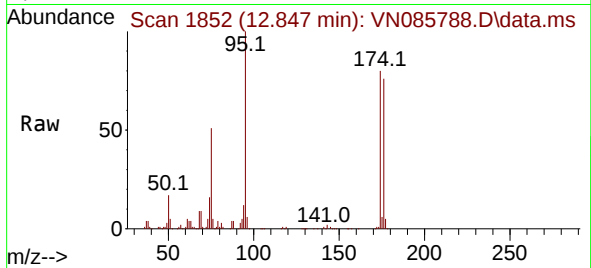




#62  
4-Bromofluorobenzene  
Concen: 49.451 ug/l  
RT: 12.847 min Scan# 1851  
Delta R.T. 0.006 min  
Lab File: VN085788.D  
Acq: 19 Feb 2025 14:21

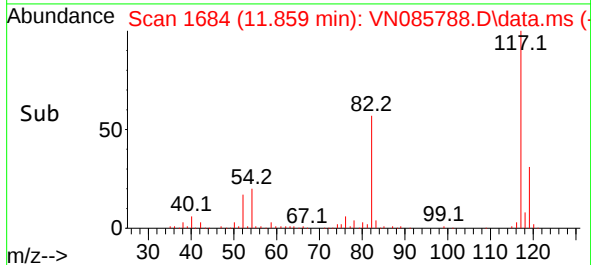
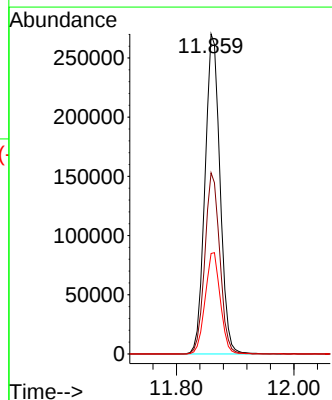
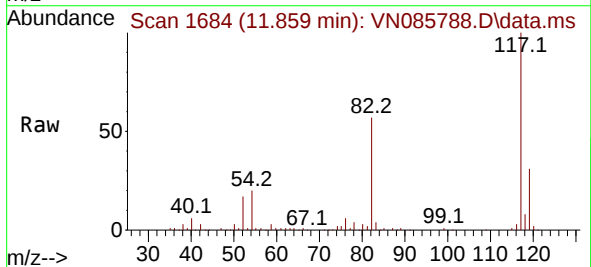
Instrument :  
MSVOA\_N  
ClientSampleId :  
BP-VPB-192-EB-20250212

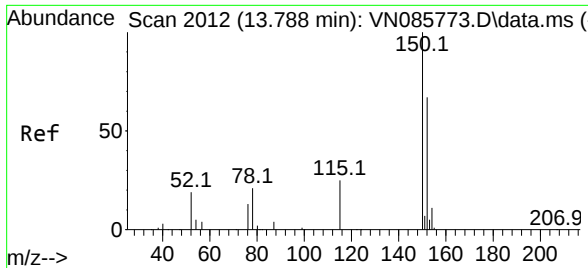
Tgt Ion: 95 Resp: 208565  
Ion Ratio Lower Upper  
95 100  
174 78.0 0.0 152.4  
176 74.2 0.0 146.6



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.859 min Scan# 1684  
Delta R.T. 0.000 min  
Lab File: VN085788.D  
Acq: 19 Feb 2025 14:21

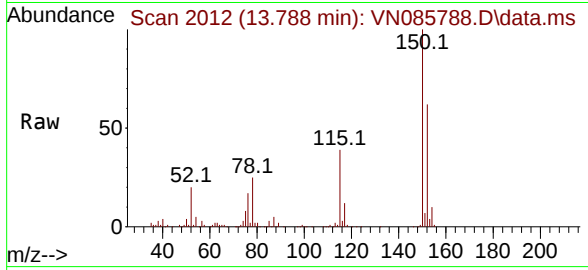
Tgt Ion: 117 Resp: 478583  
Ion Ratio Lower Upper  
117 100  
82 56.6 45.7 68.5  
119 31.4 26.2 39.2





#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.788 min Scan# 20  
Delta R.T. 0.000 min  
Lab File: VN085788.D  
Acq: 19 Feb 2025 14:21

Instrument :  
MSVOA\_N  
ClientSampleId :  
BP-VPB-192-EB-20250212



Tgt Ion:152 Resp: 200119  
Ion Ratio Lower Upper  
152 100  
115 61.4 30.4 91.3  
150 159.6 0.0 345.4

