

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN012825\  
 Data File : VN085539.D  
 Acq On : 28 Jan 2025 15:25  
 Operator : JC\MD  
 Sample : Q1199-06  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 BP-VPB-192-GW-220-222

Quant Time: Jan 29 00:40:08 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N011425W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Jan 15 02:16:08 2025  
 Response via : Initial Calibration

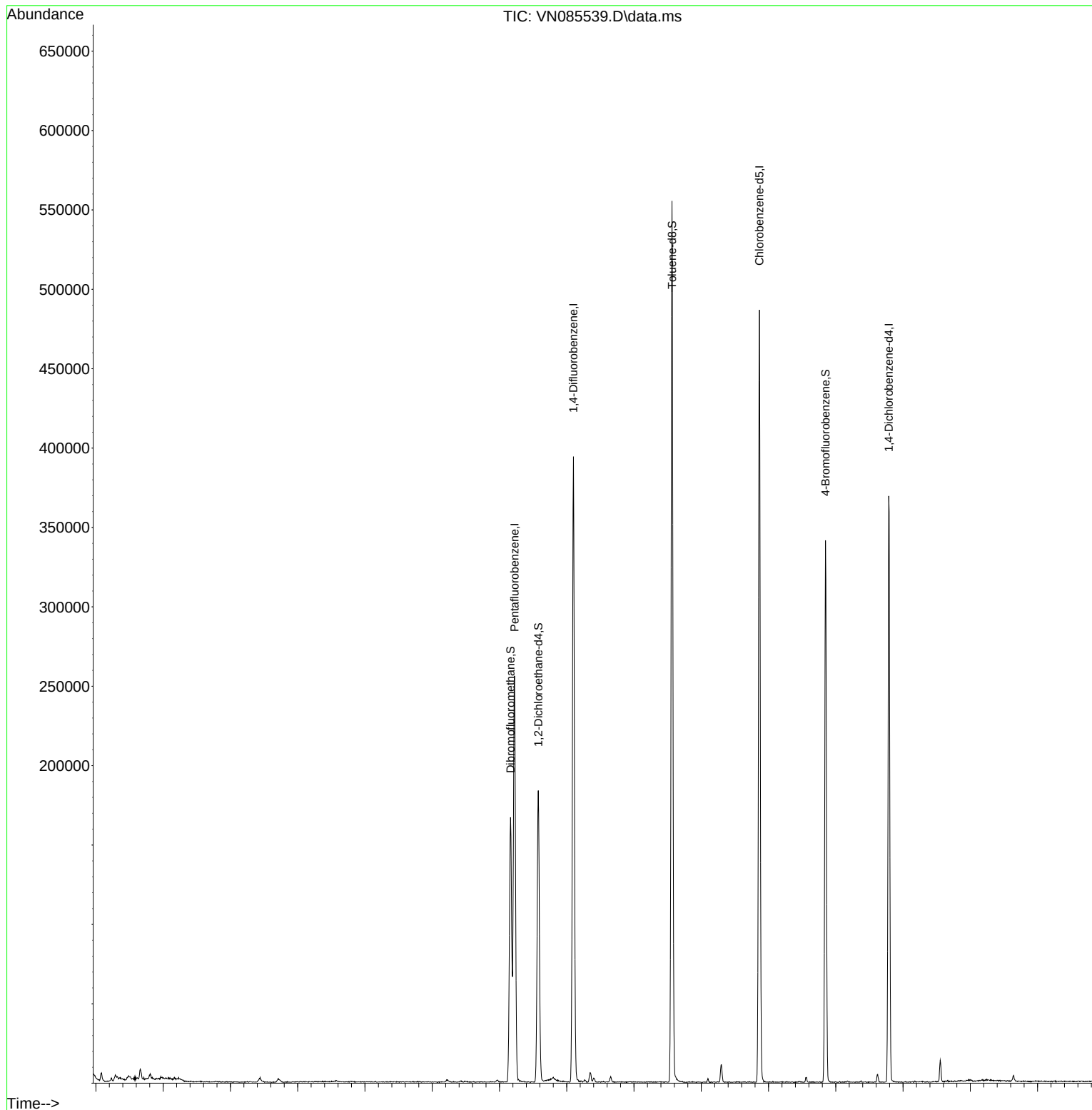
| Compound                    | R.T.           | QIon | Response            | Conc   | Units | Dev(Min) |
|-----------------------------|----------------|------|---------------------|--------|-------|----------|
| -----                       |                |      |                     |        |       |          |
| Internal Standards          |                |      |                     |        |       |          |
| 1) Pentafluorobenzene       | 8.224          | 168  | 175585              | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene     | 9.100          | 114  | 320348              | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5        | 11.865         | 117  | 257521              | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.788         | 152  | 96171               | 50.000 | ug/l  | 0.00     |
|                             |                |      |                     |        |       |          |
| System Monitoring Compounds |                |      |                     |        |       |          |
| 33) 1,2-Dichloroethane-d4   | 8.576          | 65   | 154961              | 54.673 | ug/l  | 0.00     |
| Spiked Amount 50.000        | Range 74 - 125 |      | Recovery = 109.340% |        |       |          |
| 35) Dibromofluoromethane    | 8.165          | 113  | 117804              | 53.007 | ug/l  | 0.00     |
| Spiked Amount 50.000        | Range 75 - 124 |      | Recovery = 106.020% |        |       |          |
| 50) Toluene-d8              | 10.565         | 98   | 369236              | 46.761 | ug/l  | 0.00     |
| Spiked Amount 50.000        | Range 86 - 113 |      | Recovery = 93.520%  |        |       |          |
| 62) 4-Bromofluorobenzene    | 12.847         | 95   | 111786              | 41.385 | ug/l  | 0.00     |
| Spiked Amount 50.000        | Range 77 - 121 |      | Recovery = 82.780%  |        |       |          |
|                             |                |      |                     |        |       |          |
| Target Compounds            |                |      |                     |        |       |          |
| 16) Acetone                 | 4.441          | 43   | 4790                | 5.230  | ug/l  | 90       |
| 44) Trichloroethene         | 9.347          | 130  | 2299                | 1.054  | ug/l  | 96       |
| -----                       |                |      |                     |        |       |          |

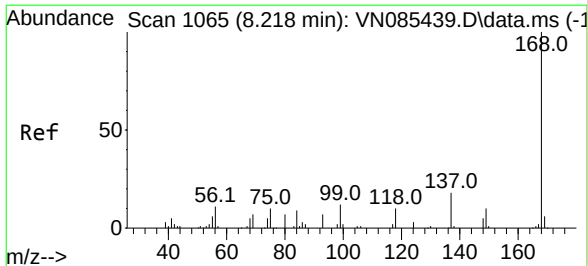
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA\_N  
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BP-VPB-192-GW-220-222

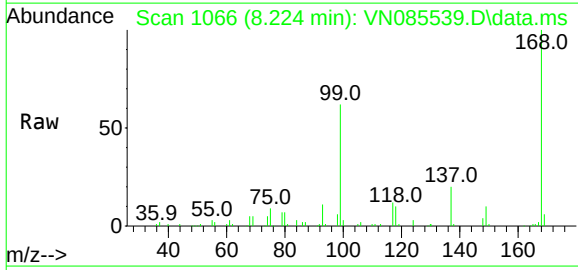
Quant Time: Jan 29 00:40:08 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N011425W.M  
Quant Title : SW846 8260  
QLast Update : Wed Jan 15 02:16:08 2025  
Response via : Initial Calibration



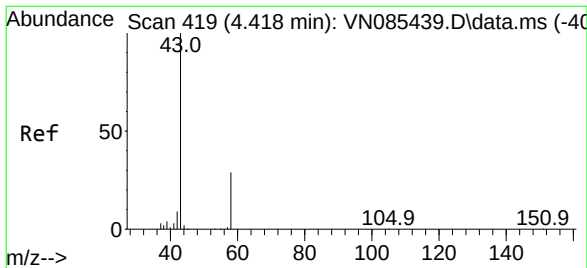
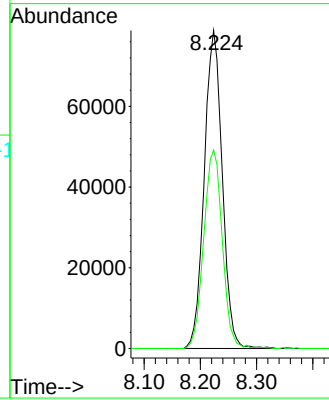
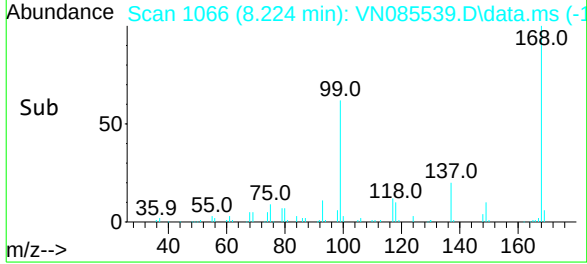


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.224 min Scan# 1066  
Delta R.T. 0.006 min  
Lab File: VN085539.D  
Acq: 28 Jan 2025 15:25

Instrument :  
MSVOA\_N  
ClientSampleId :  
BP-VPB-192-GW-220-222

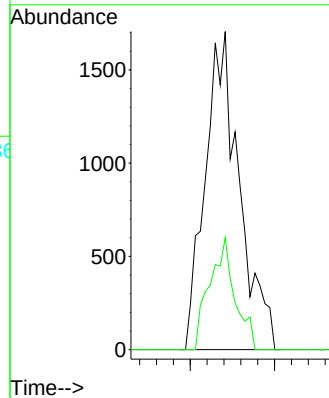
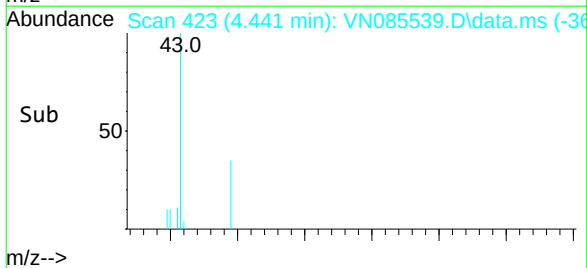
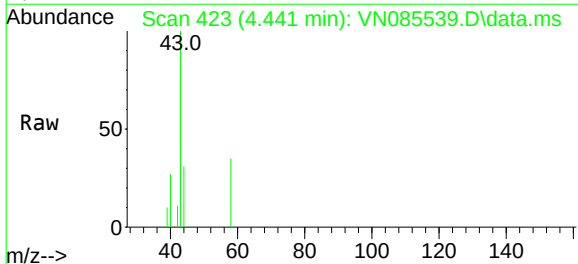


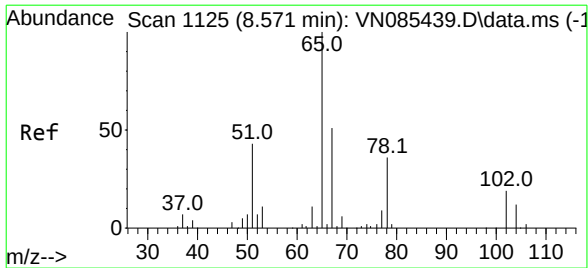
Tgt Ion:168 Resp: 175585  
Ion Ratio Lower Upper  
168 100  
99 62.4 53.6 80.4



#16  
Acetone  
Concen: 5.230 ug/l  
RT: 4.441 min Scan# 423  
Delta R.T. 0.023 min  
Lab File: VN085539.D  
Acq: 28 Jan 2025 15:25

Tgt Ion: 43 Resp: 4790  
Ion Ratio Lower Upper  
43 100  
58 35.2 23.8 35.6

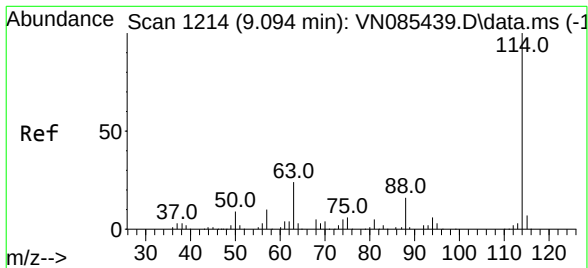
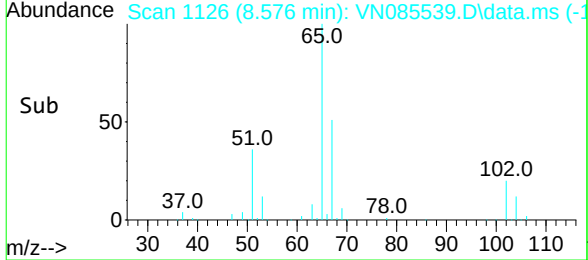
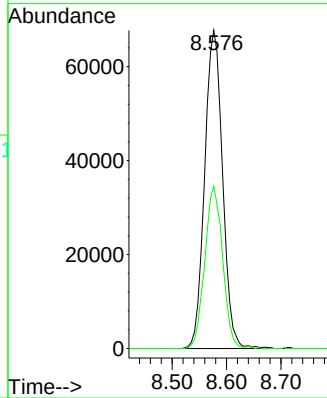
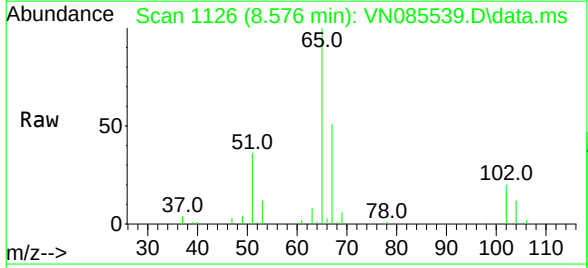




#33  
 1,2-Dichloroethane-d4  
 Concen: 54.673 ug/l  
 RT: 8.576 min Scan# 111  
 Delta R.T. 0.006 min  
 Lab File: VN085539.D  
 Acq: 28 Jan 2025 15:25

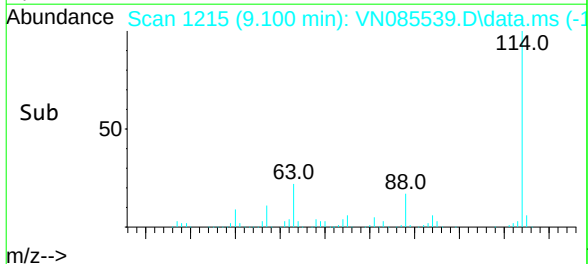
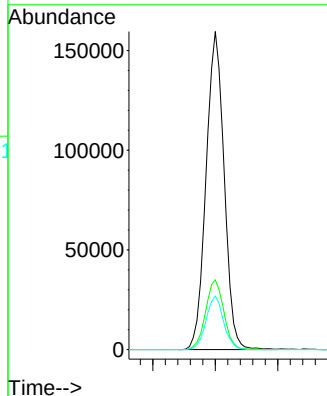
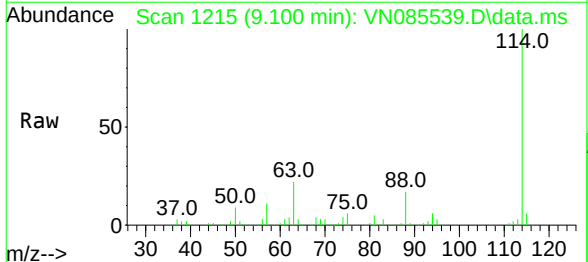
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 BP-VPB-192-GW-220-222

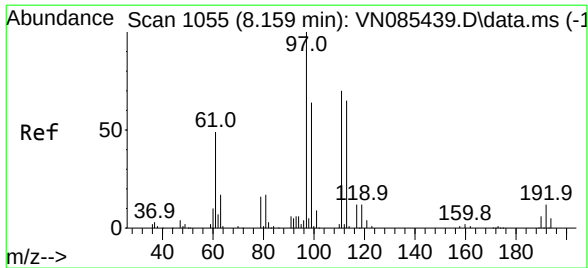
Tgt Ion: 65 Resp: 154961  
 Ion Ratio Lower Upper  
 65 100  
 67 50.9 0.0 101.6



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 9.100 min Scan# 1215  
 Delta R.T. 0.006 min  
 Lab File: VN085539.D  
 Acq: 28 Jan 2025 15:25

Tgt Ion: 114 Resp: 320348  
 Ion Ratio Lower Upper  
 114 100  
 63 21.9 0.0 47.6  
 88 16.8 0.0 32.6

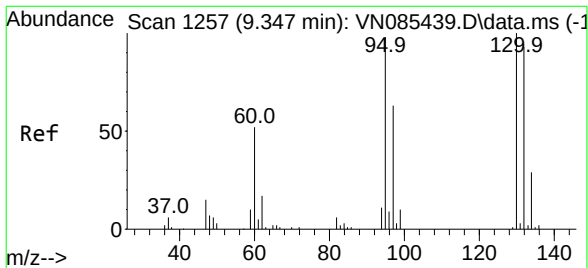
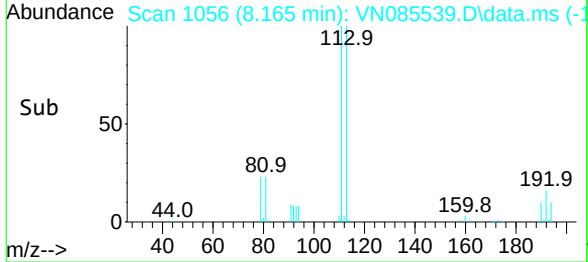
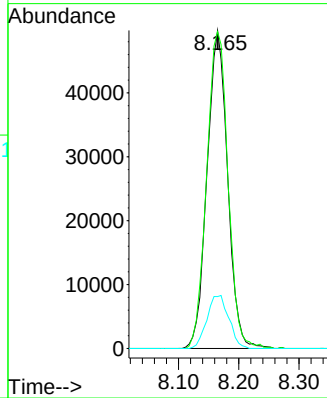
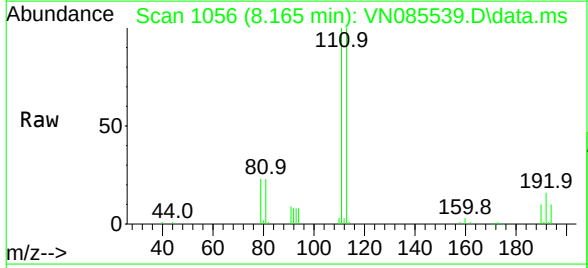




#35  
Dibromofluoromethane  
Concen: 53.007 ug/l  
RT: 8.165 min Scan# 1056  
Delta R.T. 0.006 min  
Lab File: VN085539.D  
Acq: 28 Jan 2025 15:25

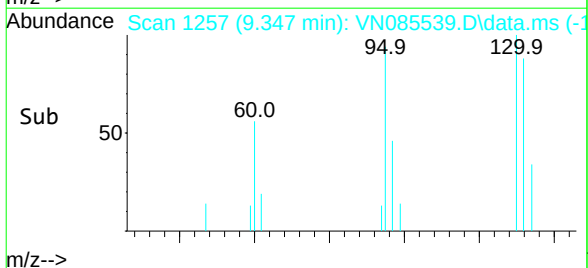
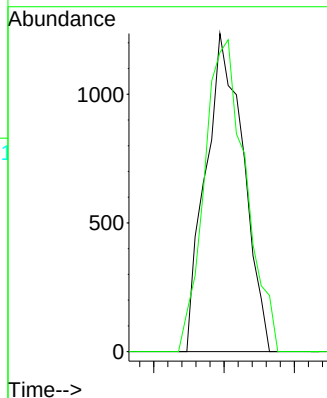
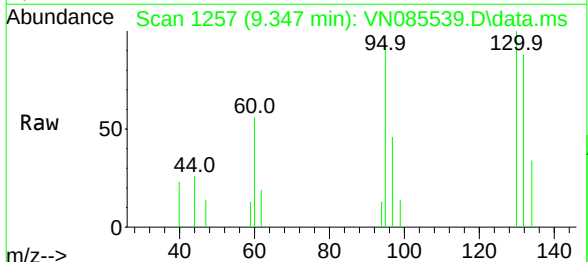
Instrument :  
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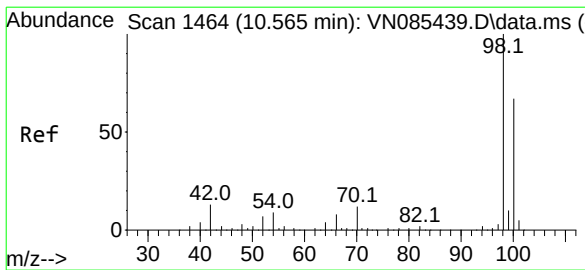
Tgt Ion:113 Resp: 117804  
Ion Ratio Lower Upper  
113 100  
111 103.4 82.7 124.1  
192 17.8 14.3 21.5



#44  
Trichloroethene  
Concen: 1.054 ug/l  
RT: 9.347 min Scan# 1257  
Delta R.T. -0.000 min  
Lab File: VN085539.D  
Acq: 28 Jan 2025 15:25

Tgt Ion:130 Resp: 2299  
Ion Ratio Lower Upper  
130 100  
95 94.0 0.0 195.8





#50

Toluene-d8

Concen: 46.761 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN085539.D

Acq: 28 Jan 2025 15:25

Instrument :

MSVOA\_N

ClientSampleId :

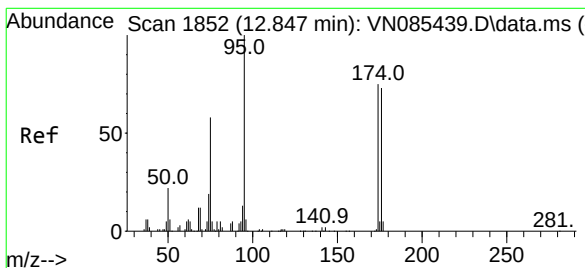
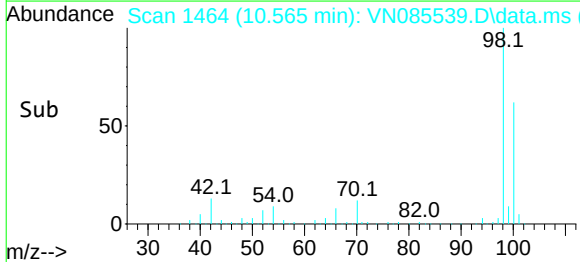
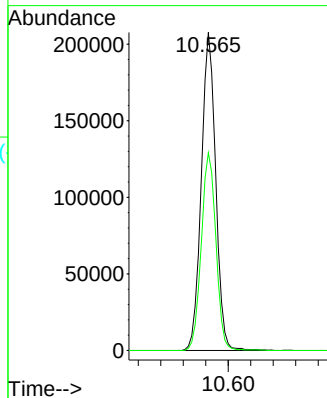
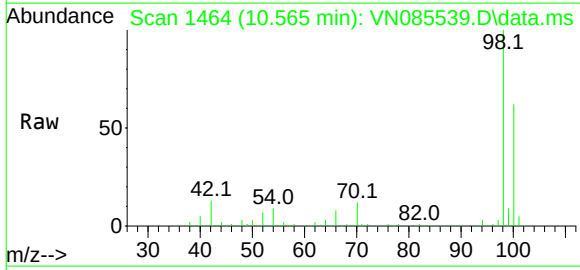
BP-VPB-192-GW-220-222

Tgt Ion: 98 Resp: 369236

Ion Ratio Lower Upper

98 100

100 63.0 52.2 78.4



#62

4-Bromofluorobenzene

Concen: 41.385 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.000 min

Lab File: VN085539.D

Acq: 28 Jan 2025 15:25

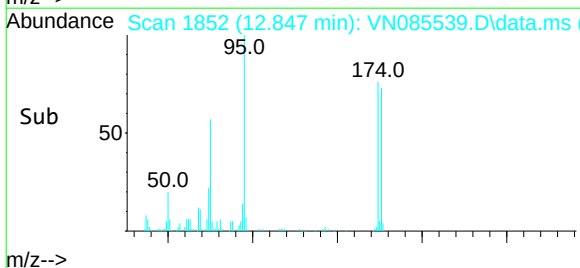
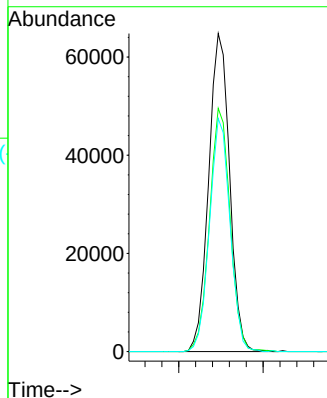
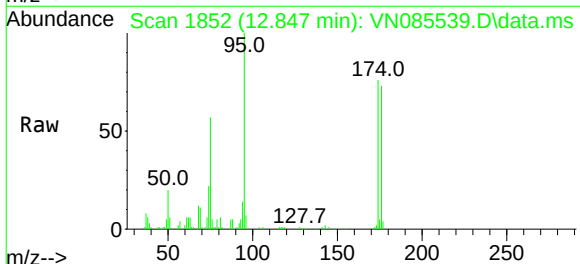
Tgt Ion: 95 Resp: 111786

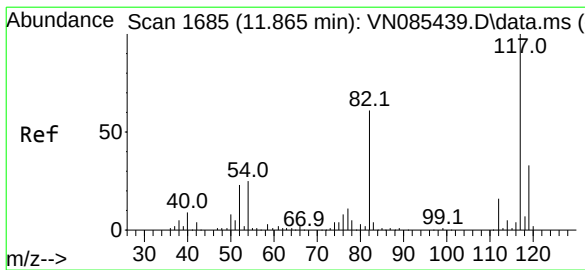
Ion Ratio Lower Upper

95 100

174 75.5 0.0 145.0

176 71.6 0.0 142.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 16

Delta R.T. -0.000 min

Lab File: VN085539.D

Acq: 28 Jan 2025 15:25

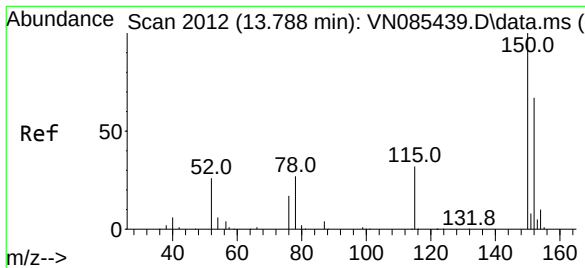
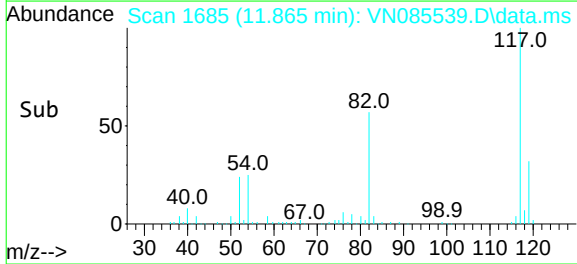
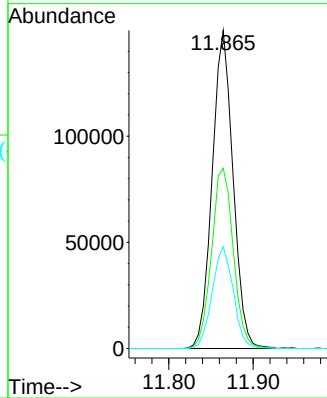
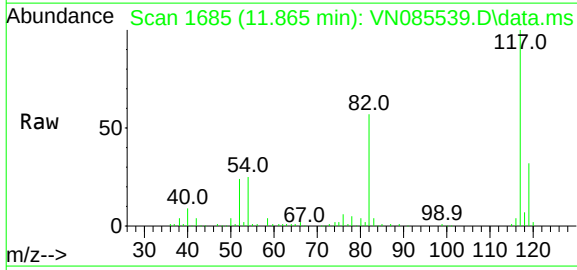
Instrument :

MSVOA\_N

ClientSampleId :

BP-VPB-192-GW-220-222

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 257521 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 82       | 56.7  | 48.6  | 72.8   |
| 119      | 32.0  | 26.6  | 39.8   |



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.788 min Scan# 2012

Delta R.T. -0.000 min

Lab File: VN085539.D

Acq: 28 Jan 2025 15:25

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 152   | Resp: | 96171 |
| Ion      | Ratio | Lower | Upper |
| 152      | 100   |       |       |
| 115      | 63.7  | 31.1  | 93.3  |
| 150      | 159.7 | 0.0   | 343.6 |

