

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN081024\  
 Data File : VN083216.D  
 Acq On : 10 Aug 2024 18:35  
 Operator : JC\MD  
 Sample : P3479-07  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 TS11

Quant Time: Aug 12 01:56:05 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N080724W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Aug 08 06:30:41 2024  
 Response via : Initial Calibration

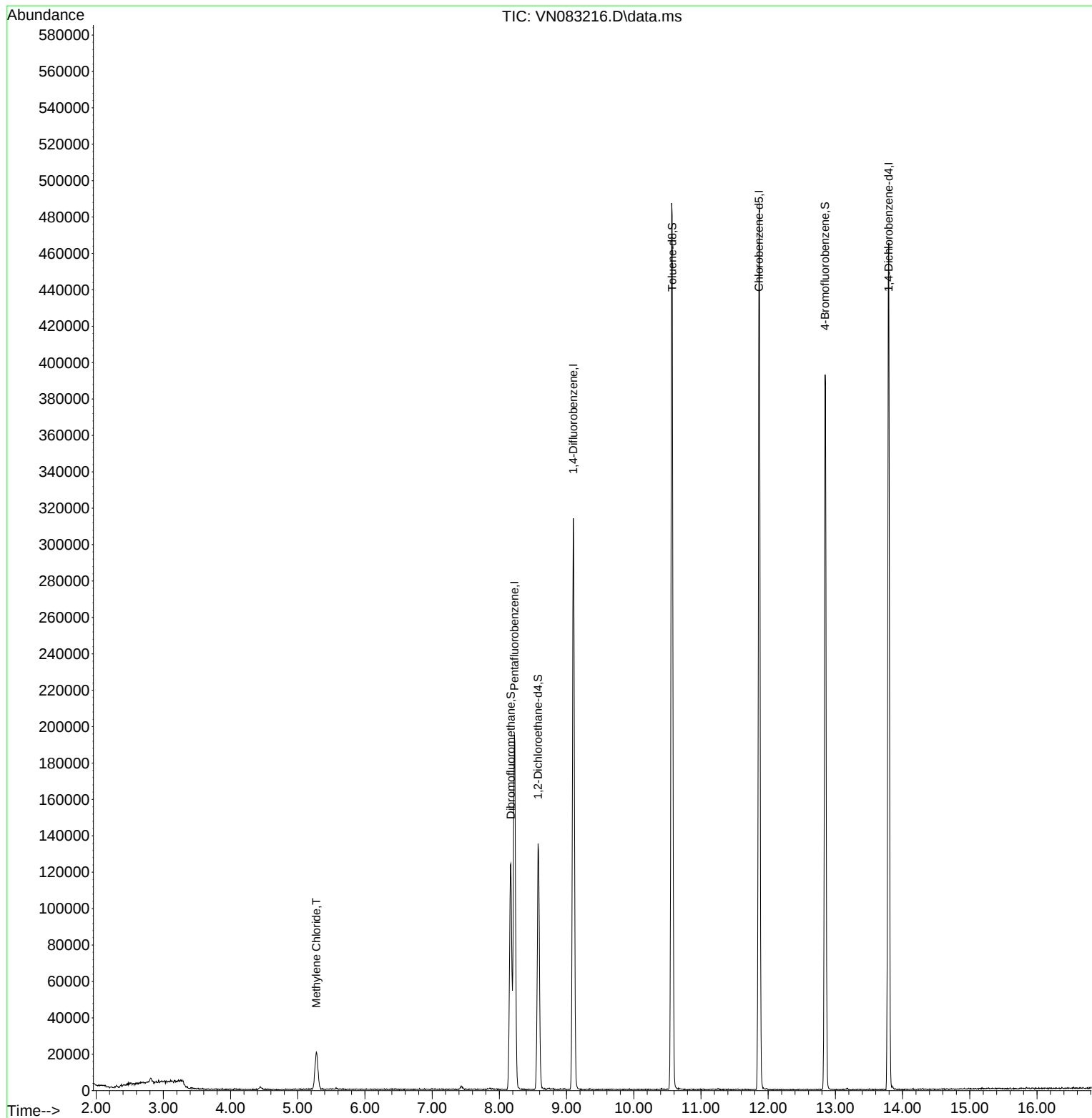
| Compound                    | R.T.   | QIon  | Response | Conc     | Units | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|-------|----------|
| -----                       |        |       |          |          |       |          |
| Internal Standards          |        |       |          |          |       |          |
| 1) Pentafluorobenzene       | 8.224  | 168   | 134798   | 50.000   | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene     | 9.100  | 114   | 261678   | 50.000   | ug/l  | 0.00     |
| 63) Chlorobenzene-d5        | 11.865 | 117   | 265114   | 50.000   | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.794 | 152   | 123067   | 50.000   | ug/l  | 0.00     |
| System Monitoring Compounds |        |       |          |          |       |          |
| 33) 1,2-Dichloroethane-d4   | 8.577  | 65    | 115905   | 60.408   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | =     | 120.820% |
| 35) Dibromofluoromethane    | 8.171  | 113   | 91182    | 55.826   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =     | 111.660% |
| 50) Toluene-d8              | 10.571 | 98    | 340750   | 55.927   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | =     | 111.860% |
| 62) 4-Bromofluorobenzene    | 12.847 | 95    | 142351   | 59.930   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 64 - 133 | Recovery | =     | 119.860% |
| Target Compounds            |        |       |          |          |       |          |
|                             |        |       |          |          |       | Qvalue   |
| 20) Methylene Chloride      | 5.277  | 84    | 16505    | 9.552    | ug/l  | # 84     |
| -----                       |        |       |          |          |       |          |

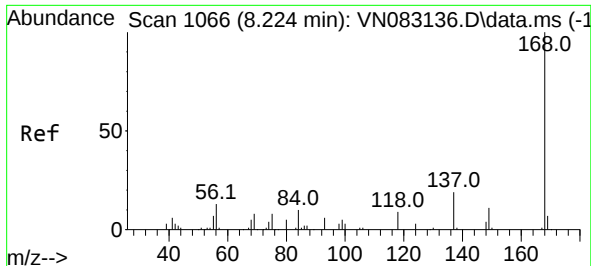
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN081024\  
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Sample : P3479-07  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 22 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
TS11

Quant Time: Aug 12 01:56:05 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N080724W.M  
Quant Title : SW846 8260  
QLast Update : Thu Aug 08 06:30:41 2024  
Response via : Initial Calibration

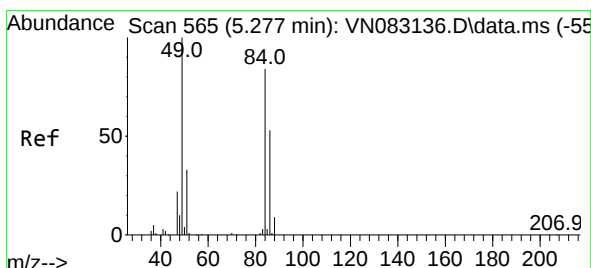
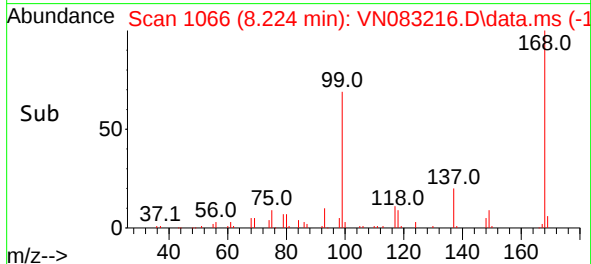
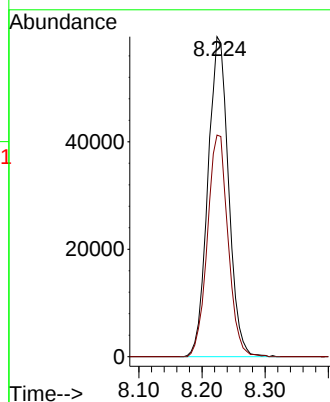
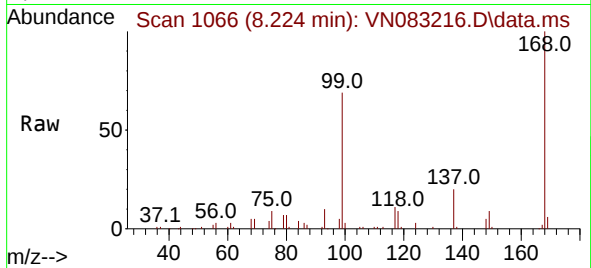




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.224 min Scan# 1066  
Delta R.T. -0.000 min  
Lab File: VN083216.D  
Acq: 10 Aug 2024 18:35

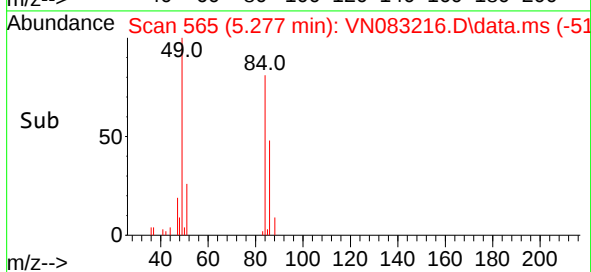
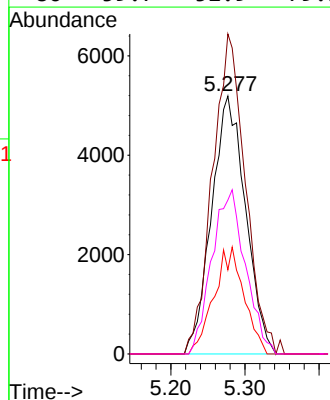
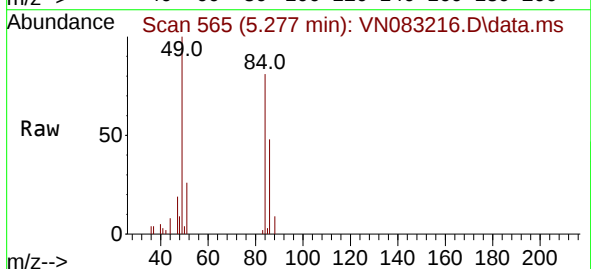
Instrument :  
MSVOA\_N  
ClientSampleId :  
TS11

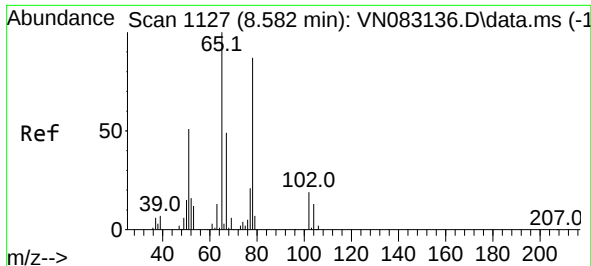
Tgt Ion:168 Resp: 134798  
Ion Ratio Lower Upper  
168 100  
99 69.3 48.2 72.4



#20  
Methylene Chloride  
Concen: 9.552 ug/l  
RT: 5.277 min Scan# 565  
Delta R.T. 0.000 min  
Lab File: VN083216.D  
Acq: 10 Aug 2024 18:35

Tgt Ion: 84 Resp: 16505  
Ion Ratio Lower Upper  
84 100  
49 124.1 119.6 179.4  
51 32.6 34.8 52.2#  
86 59.7 52.9 79.3

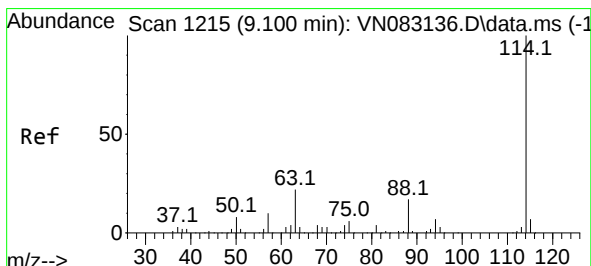
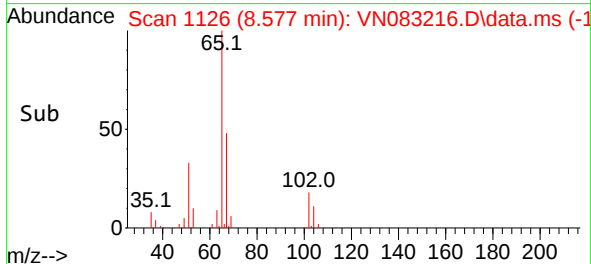
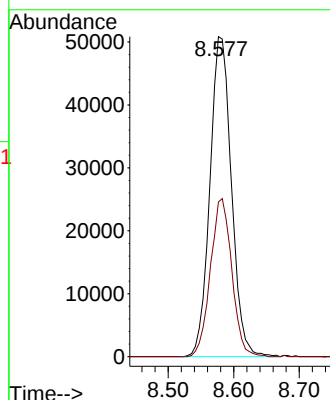
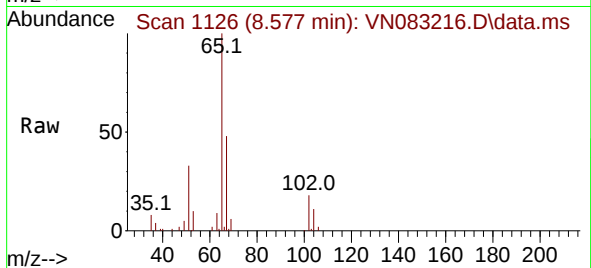




#33  
1,2-Dichloroethane-d4  
Concen: 60.408 ug/l  
RT: 8.577 min Scan# 1126  
Delta R.T. -0.006 min  
Lab File: VN083216.D  
Acq: 10 Aug 2024 18:35

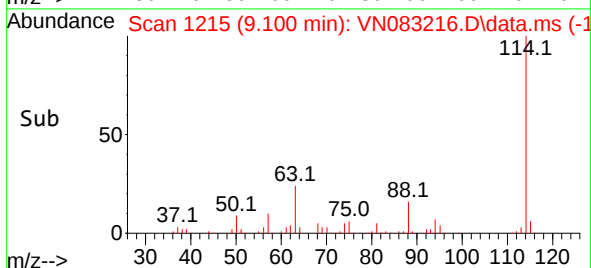
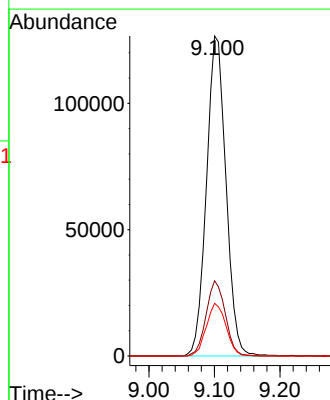
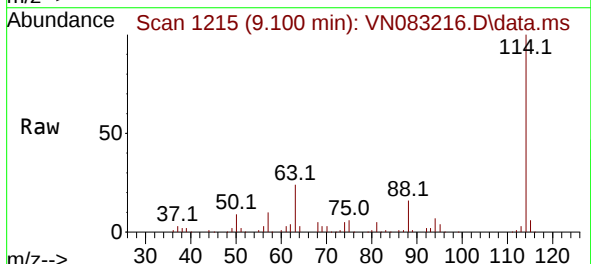
Instrument :  
MSVOA\_N  
ClientSampleId :  
TS11

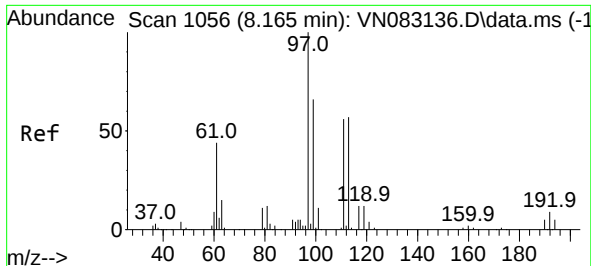
Tgt Ion: 65 Resp: 115905  
Ion Ratio Lower Upper  
65 100  
67 49.1 0.0 104.4



#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 9.100 min Scan# 1215  
Delta R.T. 0.000 min  
Lab File: VN083216.D  
Acq: 10 Aug 2024 18:35

Tgt Ion: 114 Resp: 261678  
Ion Ratio Lower Upper  
114 100  
63 23.5 0.0 44.6  
88 16.4 0.0 31.4





#35

Dibromofluoromethane

Concen: 55.826 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN083216.D

Acq: 10 Aug 2024 18:35

Instrument :

MSVOA\_N

ClientSampleId :

TS11

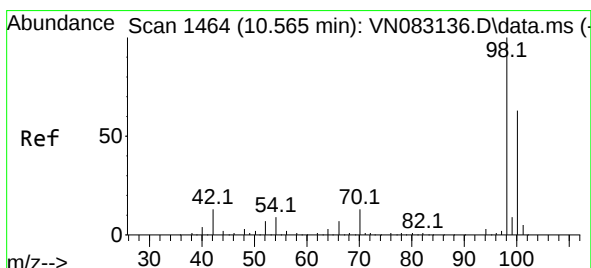
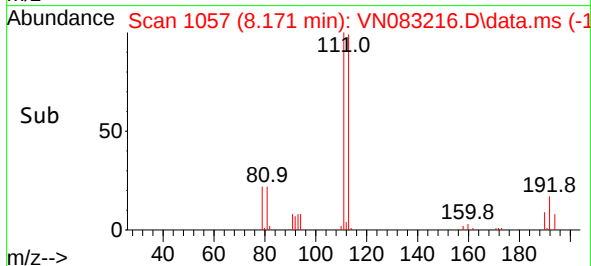
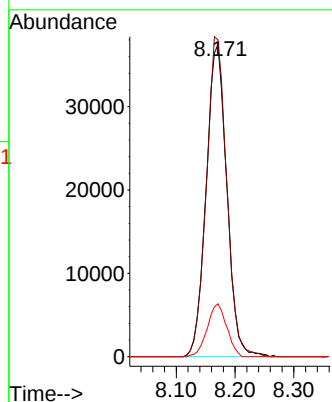
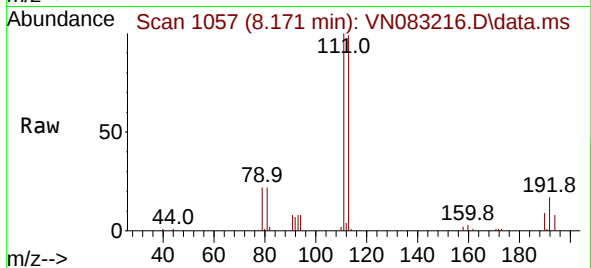
Tgt Ion:113 Resp: 91182

Ion Ratio Lower Upper

113 100

111 101.3 82.4 123.6

192 16.0 14.9 22.3



#50

Toluene-d8

Concen: 55.927 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.006 min

Lab File: VN083216.D

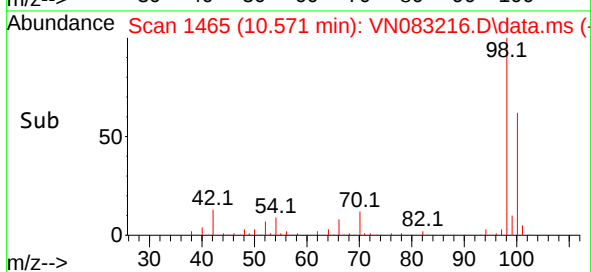
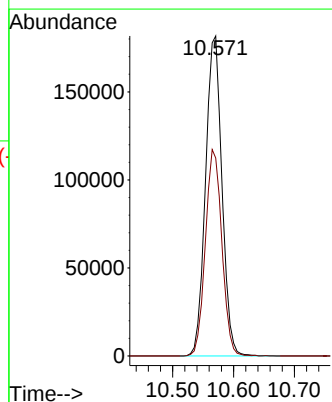
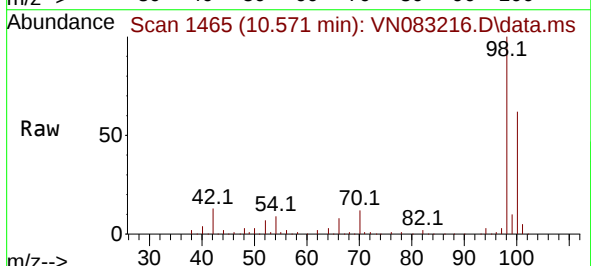
Acq: 10 Aug 2024 18:35

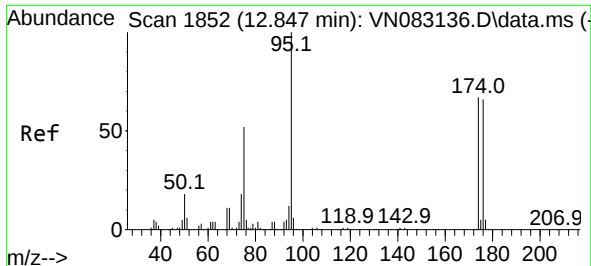
Tgt Ion: 98 Resp: 340750

Ion Ratio Lower Upper

98 100

100 64.7 51.5 77.3

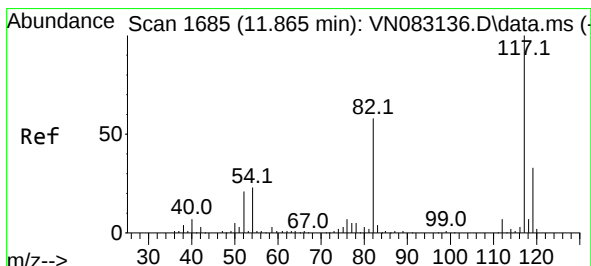
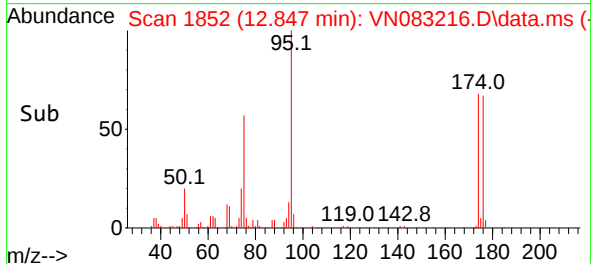
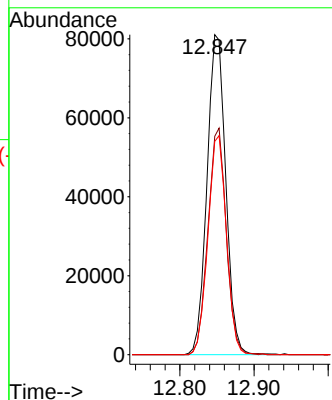
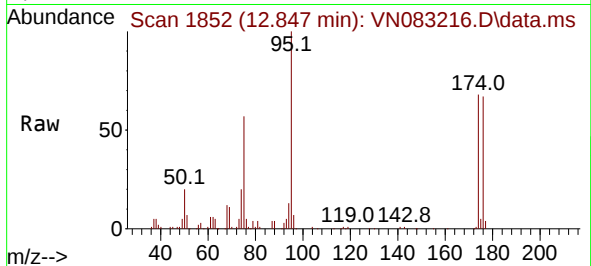




#62  
4-Bromofluorobenzene  
Concen: 59.930 ug/l  
RT: 12.847 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VN083216.D  
Acq: 10 Aug 2024 18:35

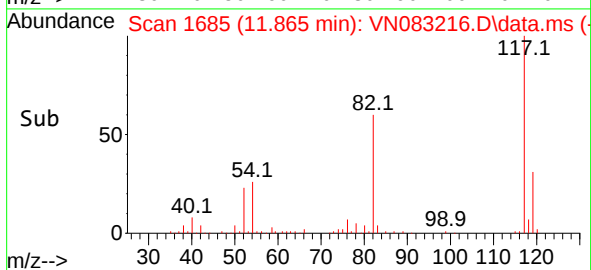
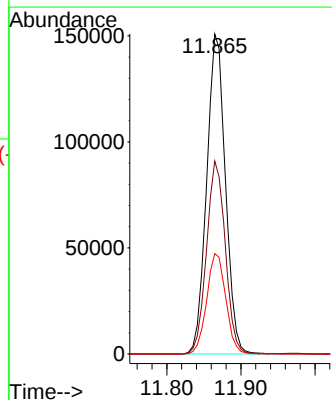
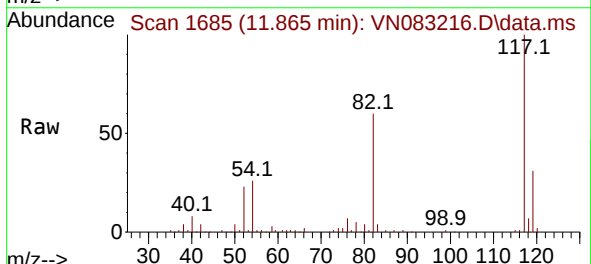
Instrument :  
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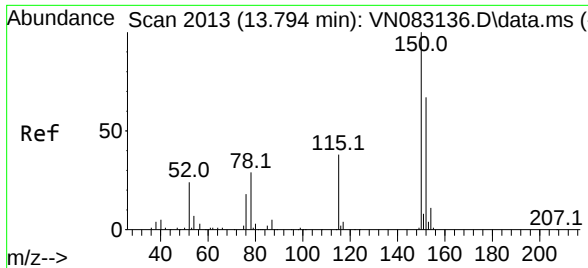
Tgt Ion: 95 Resp: 142351  
Ion Ratio Lower Upper  
95 100  
174 69.2 0.0 159.2  
176 67.4 0.0 147.6



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.865 min Scan# 1685  
Delta R.T. 0.000 min  
Lab File: VN083216.D  
Acq: 10 Aug 2024 18:35

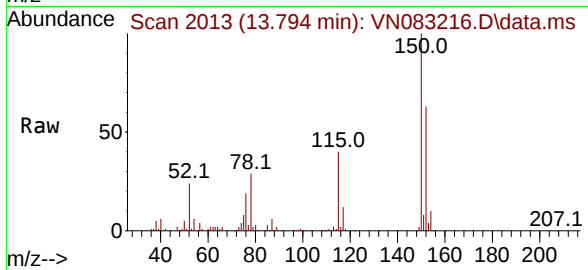
Tgt Ion: 117 Resp: 265114  
Ion Ratio Lower Upper  
117 100  
82 60.3 47.5 71.3  
119 31.4 25.6 38.4





#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.794 min Scan# 20  
Delta R.T. 0.000 min  
Lab File: VN083216.D  
Acq: 10 Aug 2024 18:35

Instrument :  
MSVOA\_N  
ClientSampleId :  
TS11



| Tgt Ion: | 152   | Resp: | 123067 |
|----------|-------|-------|--------|
| Ion      | Ratio | Lower | Upper  |
| 152      | 100   |       |        |
| 115      | 63.2  | 30.6  | 91.6   |
| 150      | 157.8 | 0.0   | 348.6  |

