

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN102524\  
 Data File : VN084508.D  
 Acq On : 25 Oct 2024 11:51  
 Operator : JC\MD  
 Sample : VN1025WBL02  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1025WBL02

Quant Time: Oct 25 23:30:15 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N093024W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Oct 01 07:11:01 2024  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 8.224  | 168  | 159284   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 9.100  | 114  | 289382   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.865 | 117  | 249149   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.788 | 152  | 102517   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |          |
|-----------------------------|--------|-------|----------|----------|------|----------|
| System Monitoring Compounds |        |       |          |          |      |          |
| 33) 1,2-Dichloroethane-d4   | 8.577  | 65    | 123323   | 52.218   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | =    | 104.440% |
| 35) Dibromofluoromethane    | 8.165  | 113   | 98022    | 51.380   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =    | 102.760% |
| 50) Toluene-d8              | 10.565 | 98    | 326081   | 46.457   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | =    | 92.920%  |
| 62) 4-Bromofluorobenzene    | 12.847 | 95    | 110012   | 43.023   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 77 - 121 | Recovery | =    | 86.040%  |

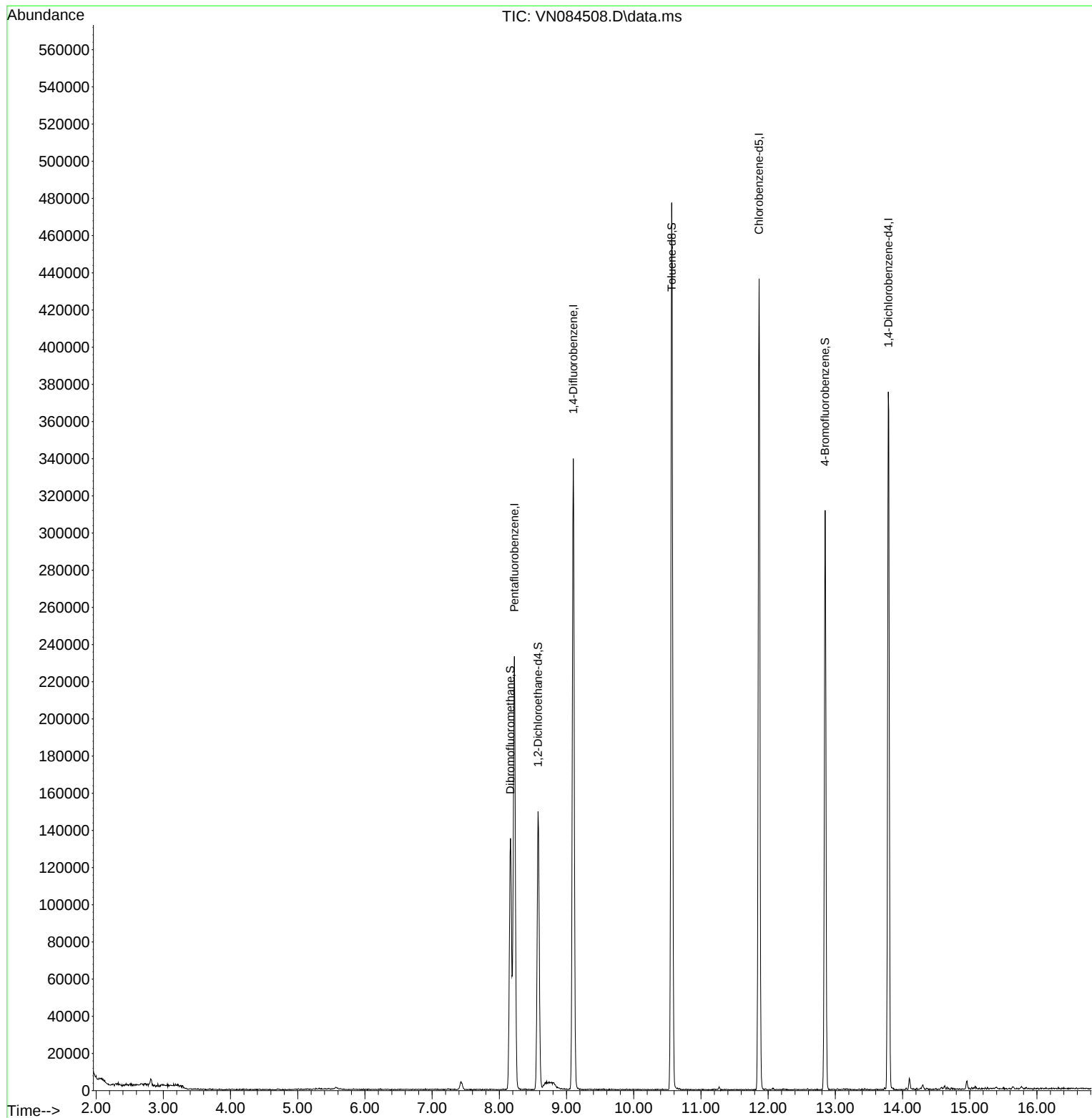
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

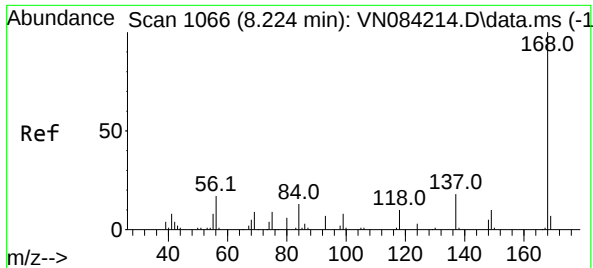
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Sample : VN1025WBL02  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1025WBL02

Quant Time: Oct 25 23:30:15 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N093024W.M  
Quant Title : SW846 8260  
QLast Update : Tue Oct 01 07:11:01 2024  
Response via : Initial Calibration

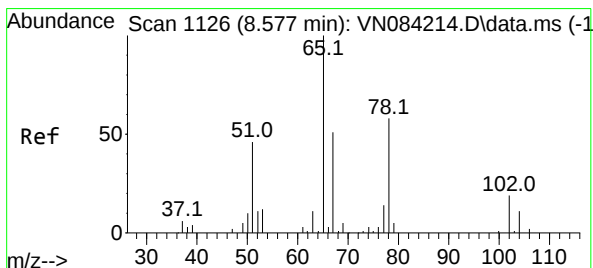
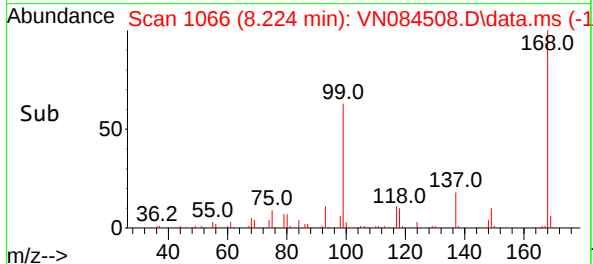
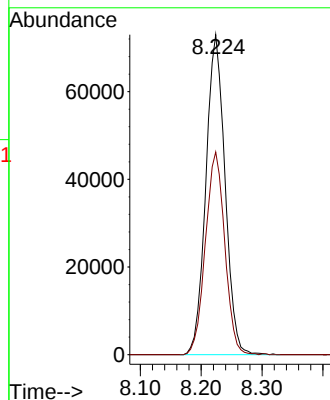
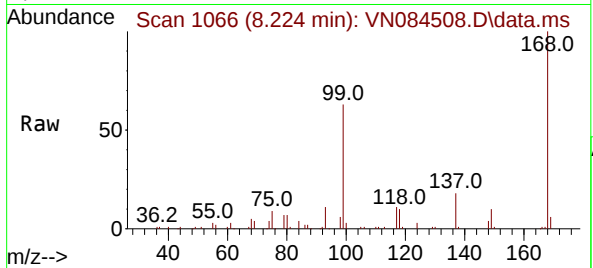




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.224 min Scan# 1066  
Delta R.T. -0.000 min  
Lab File: VN084508.D  
Acq: 25 Oct 2024 11:51

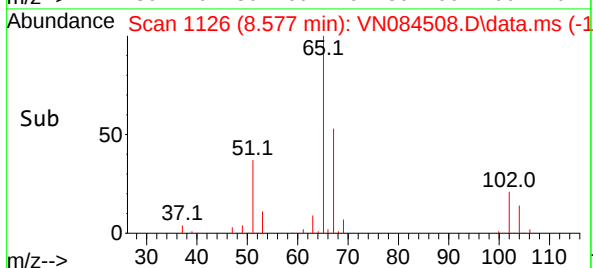
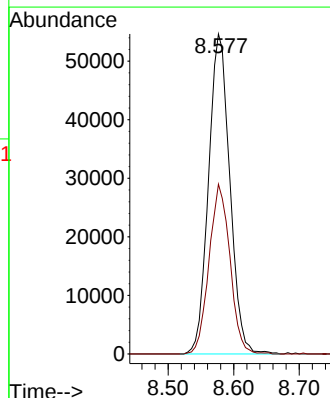
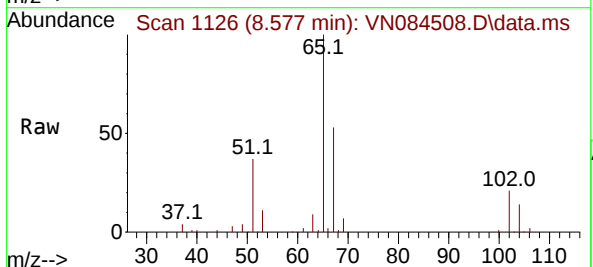
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1025WBL02

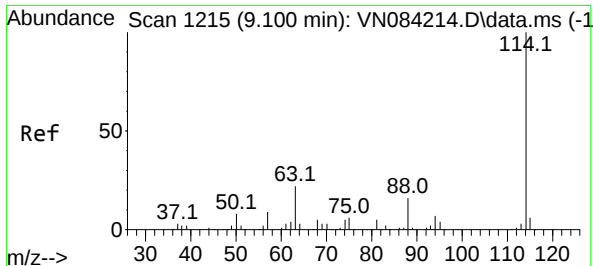
Tgt Ion:168 Resp: 159284  
Ion Ratio Lower Upper  
168 100  
99 63.4 54.2 81.2



#33  
1,2-Dichloroethane-d4  
Concen: 52.218 ug/l  
RT: 8.577 min Scan# 1126  
Delta R.T. 0.000 min  
Lab File: VN084508.D  
Acq: 25 Oct 2024 11:51

Tgt Ion: 65 Resp: 123323  
Ion Ratio Lower Upper  
65 100  
67 52.0 0.0 102.0

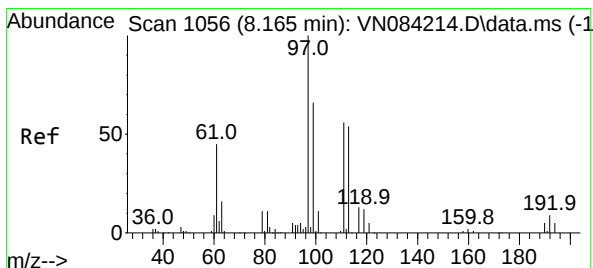
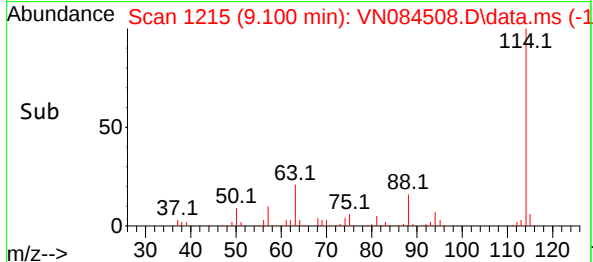
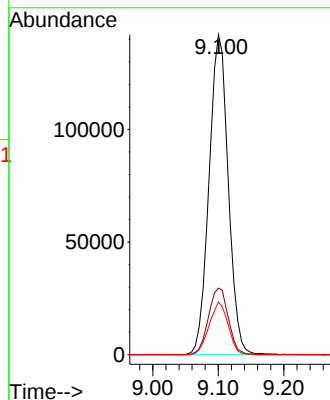
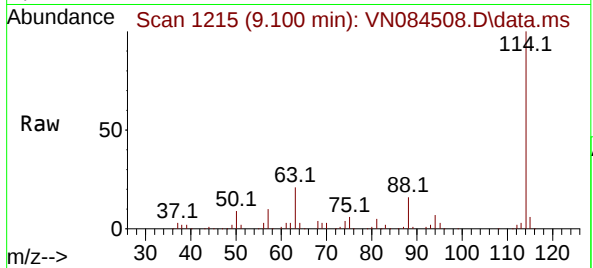




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 9.100 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VN084508.D  
Acq: 25 Oct 2024 11:51

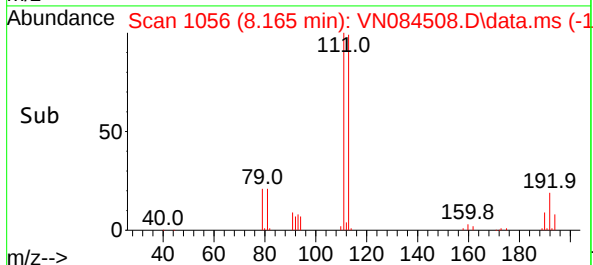
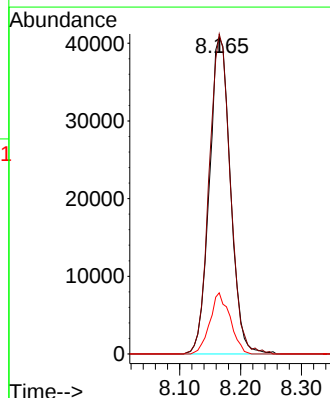
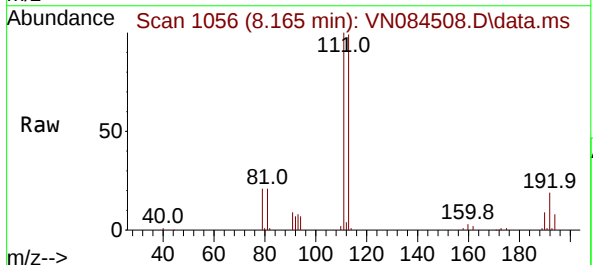
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1025WBL02

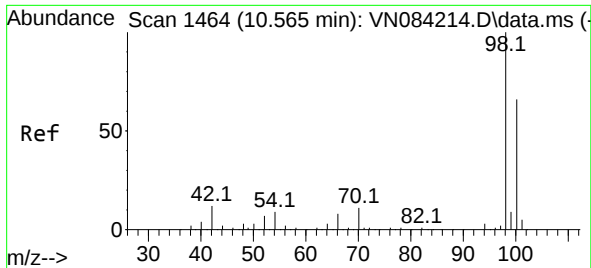
Tgt Ion:114 Resp: 289382  
Ion Ratio Lower Upper  
114 100  
63 20.8 0.0 43.8  
88 16.5 0.0 31.6



#35  
Dibromofluoromethane  
Concen: 51.380 ug/l  
RT: 8.165 min Scan# 1056  
Delta R.T. 0.000 min  
Lab File: VN084508.D  
Acq: 25 Oct 2024 11:51

Tgt Ion:113 Resp: 98022  
Ion Ratio Lower Upper  
113 100  
111 101.4 83.3 124.9  
192 18.6 13.5 20.3

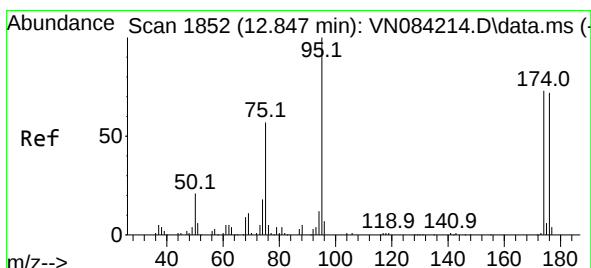
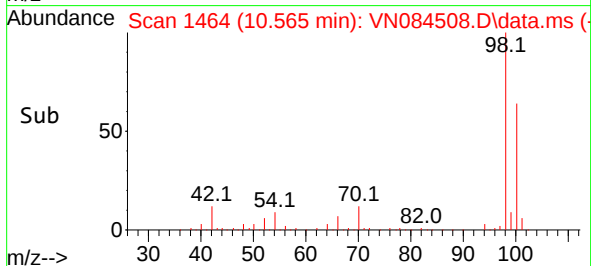
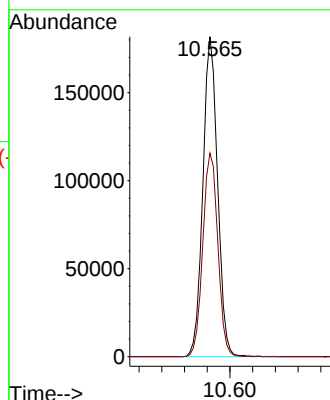
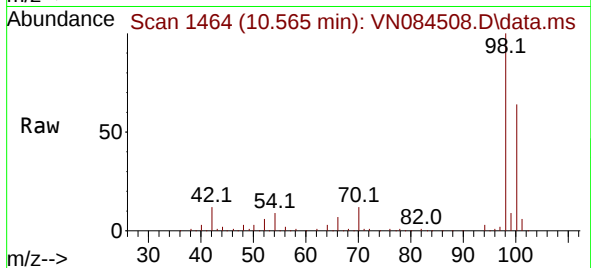




#50  
Toluene-d8  
Concen: 46.457 ug/l  
RT: 10.565 min Scan# 1464  
Delta R.T. 0.000 min  
Lab File: VN084508.D  
Acq: 25 Oct 2024 11:51

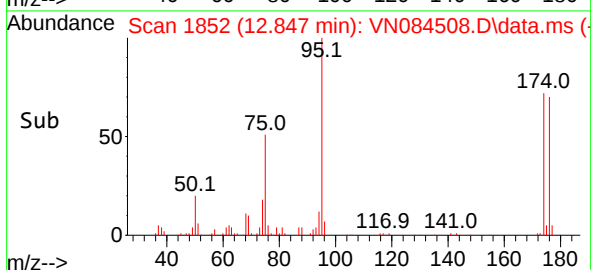
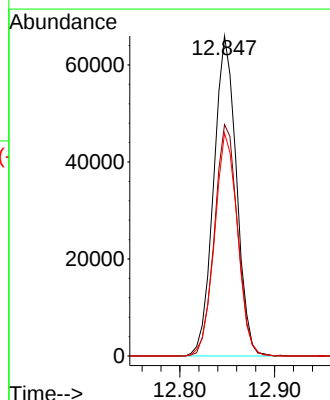
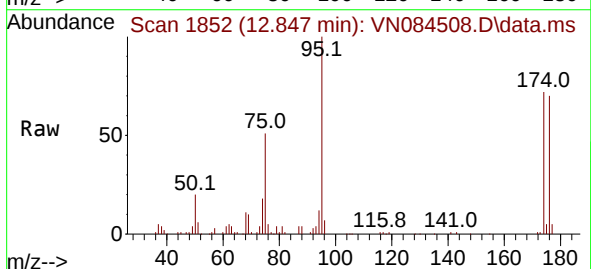
Instrument :  
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VN1025WBL02

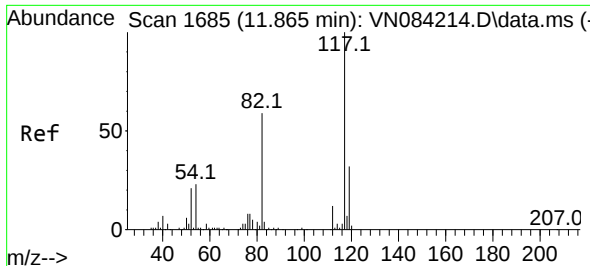
Tgt Ion: 98 Resp: 326081  
Ion Ratio Lower Upper  
98 100  
100 65.1 52.7 79.1



#62  
4-Bromofluorobenzene  
Concen: 43.023 ug/l  
RT: 12.847 min Scan# 1852  
Delta R.T. 0.000 min  
Lab File: VN084508.D  
Acq: 25 Oct 2024 11:51

Tgt Ion: 95 Resp: 110012  
Ion Ratio Lower Upper  
95 100  
174 73.5 0.0 145.2  
176 70.4 0.0 140.0

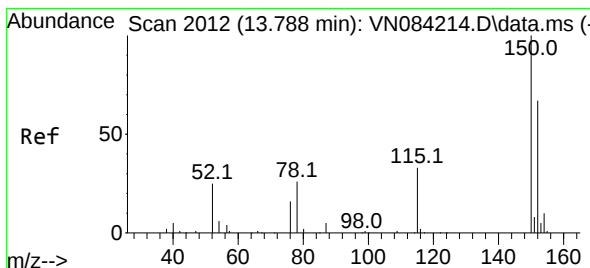
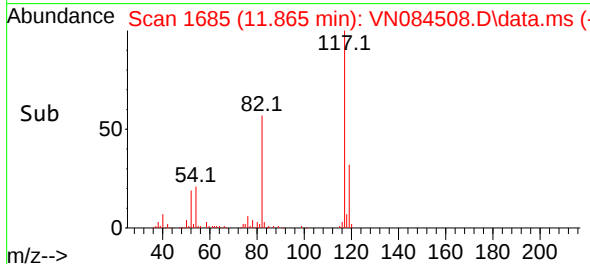
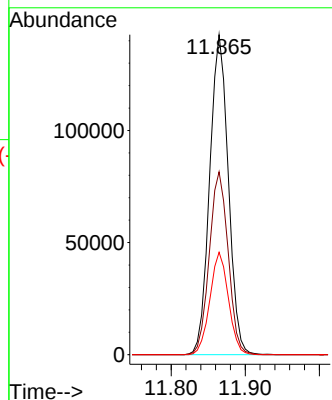
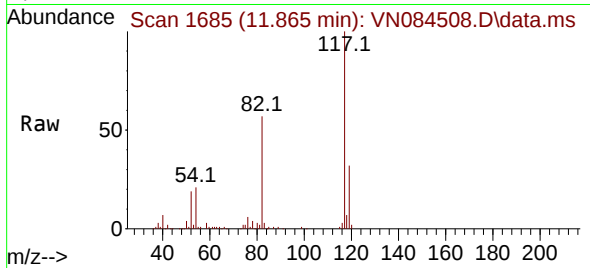




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.865 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VN084508.D  
Acq: 25 Oct 2024 11:51

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1025WBL02

Tgt Ion:117 Resp: 249149  
Ion Ratio Lower Upper  
117 100  
82 57.2 47.2 70.8  
119 32.0 25.4 38.0



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.788 min Scan# 2012  
Delta R.T. 0.000 min  
Lab File: VN084508.D  
Acq: 25 Oct 2024 11:51

Tgt Ion:152 Resp: 102517  
Ion Ratio Lower Upper  
152 100  
115 63.6 31.3 93.9  
150 159.3 0.0 349.8

