

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN032924\  
 Data File : VN081633.D  
 Acq On : 29 Mar 2024 22:16  
 Operator : JC\MD  
 Sample : P1928-04  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 29 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 STORAGE-BLANK-SAMPLE-MANAG

Quant Time: Mar 30 00:36:53 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N031824W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Mar 19 06:00:00 2024  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon  | Response | Conc     | Units      | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|------------|----------|
| -----                       |        |       |          |          |            |          |
| Internal Standards          |        |       |          |          |            |          |
| 1) Pentafluorobenzene       | 8.224  | 168   | 341760   | 50.000   | ug/l       | 0.00     |
| 34) 1,4-Difluorobenzene     | 9.100  | 114   | 658942   | 50.000   | ug/l       | 0.00     |
| 63) Chlorobenzene-d5        | 11.865 | 117   | 581326   | 50.000   | ug/l       | # 0.00   |
| 72) 1,4-Dichlorobenzene-d4  | 13.794 | 152   | 231158   | 50.000   | ug/l       | 0.00     |
| System Monitoring Compounds |        |       |          |          |            |          |
| 33) 1,2-Dichloroethane-d4   | 8.577  | 65    | 244724   | 56.151   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | = 112.300% |          |
| 35) Dibromofluoromethane    | 8.171  | 113   | 207517   | 49.901   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | = 99.800%  |          |
| 50) Toluene-d8              | 10.571 | 98    | 772686   | 51.400   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | = 102.800% |          |
| 62) 4-Bromofluorobenzene    | 12.853 | 95    | 239604   | 45.234   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 64 - 133 | Recovery | = 90.460%  |          |

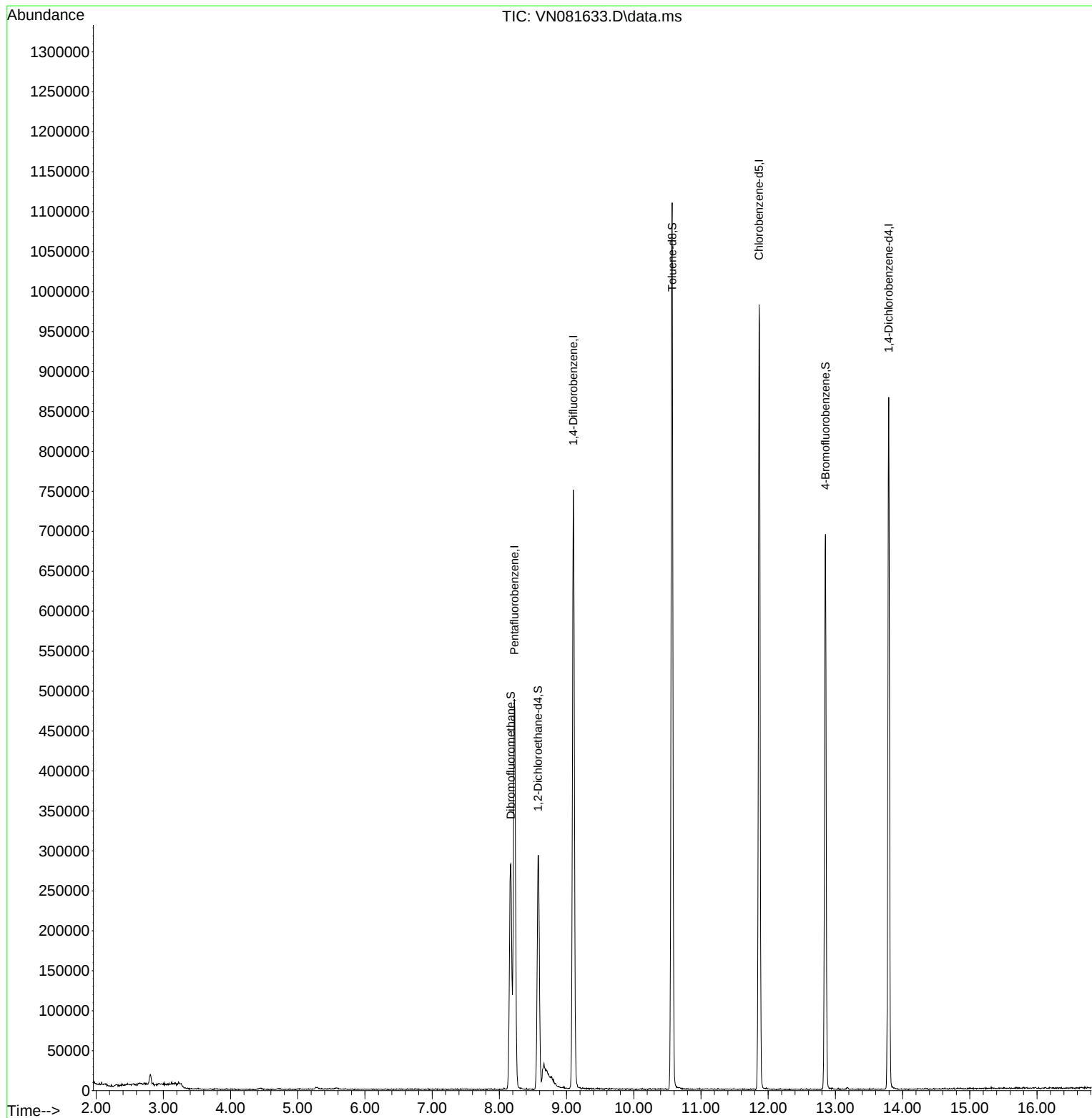
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

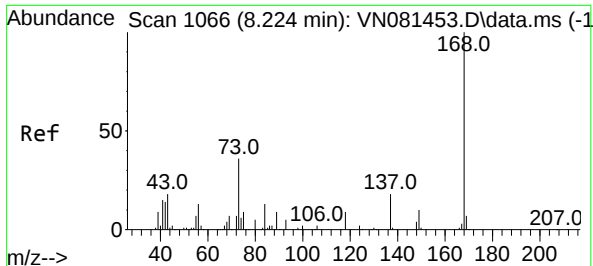
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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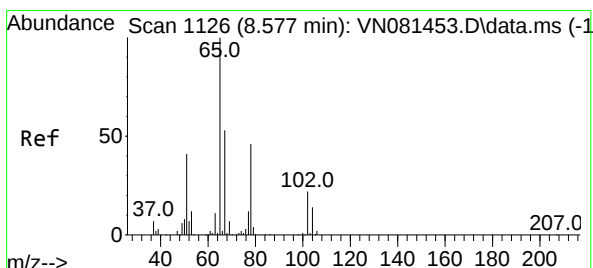
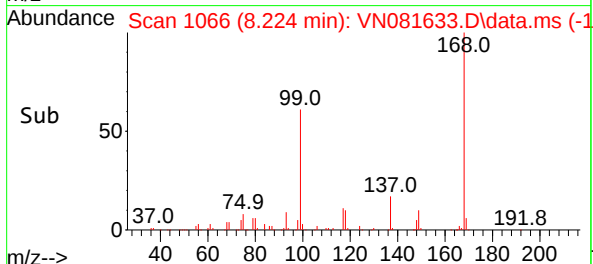
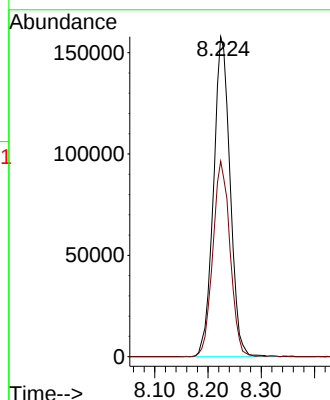
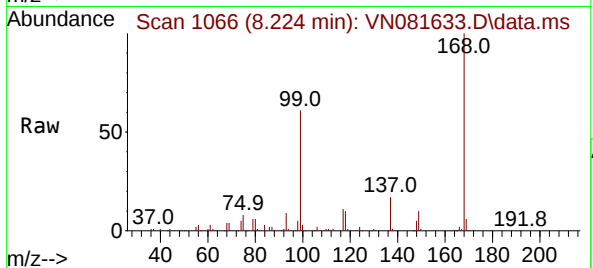




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.224 min Scan# 1066  
Delta R.T. -0.000 min  
Lab File: VN081633.D  
Acq: 29 Mar 2024 22:16

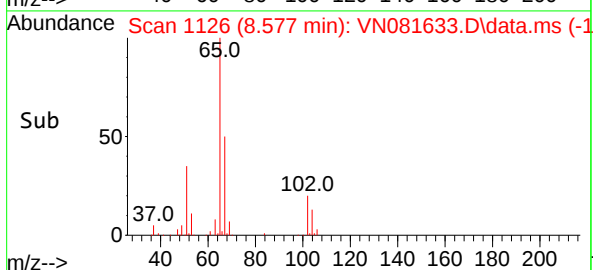
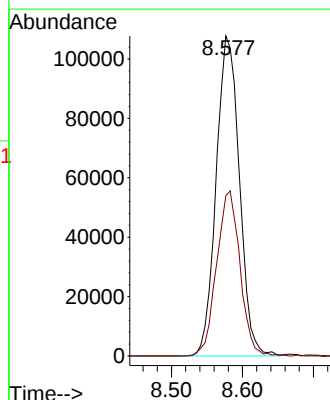
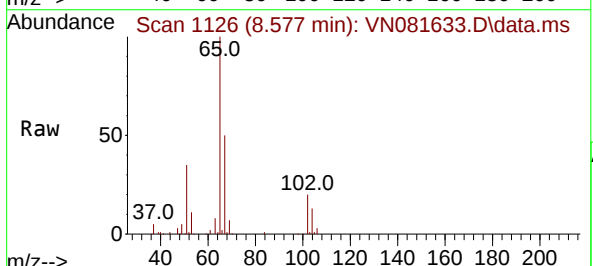
Instrument :  
MSVOA\_N  
ClientSampleId :  
STORAGE-BLANK-SAMPLE-MANAG

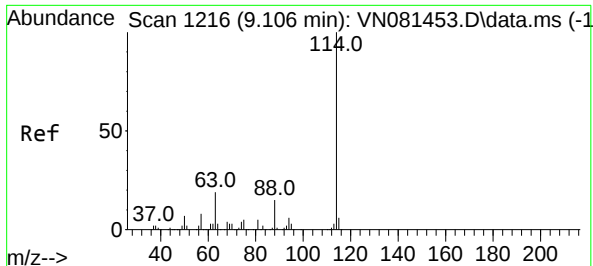
Tgt Ion:168 Resp: 341760  
Ion Ratio Lower Upper  
168 100  
99 61.1 59.9 89.9



#33  
1,2-Dichloroethane-d4  
Concen: 56.151 ug/l  
RT: 8.577 min Scan# 1126  
Delta R.T. 0.000 min  
Lab File: VN081633.D  
Acq: 29 Mar 2024 22:16

Tgt Ion: 65 Resp: 244724  
Ion Ratio Lower Upper  
65 100  
67 51.9 0.0 102.4

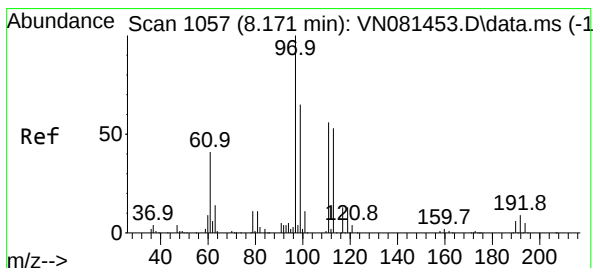
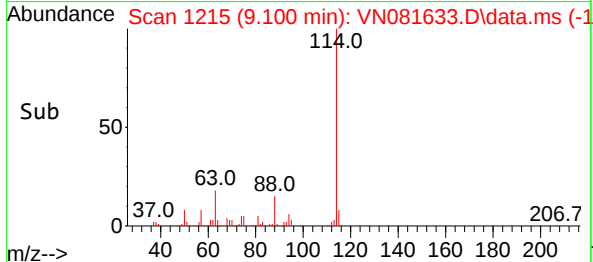
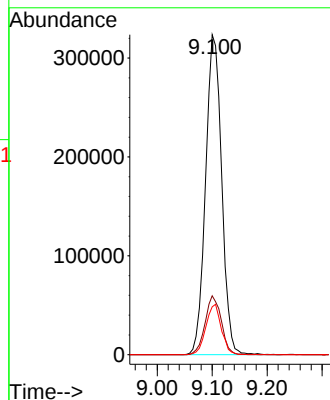
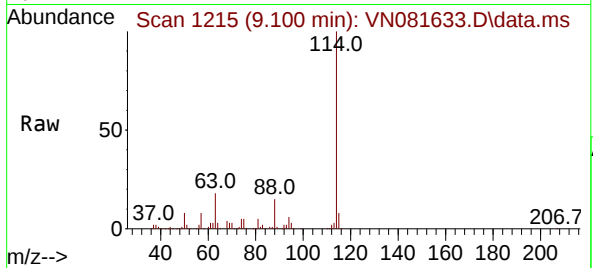




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 9.100 min Scan# 114  
Delta R.T. -0.006 min  
Lab File: VN081633.D  
Acq: 29 Mar 2024 22:16

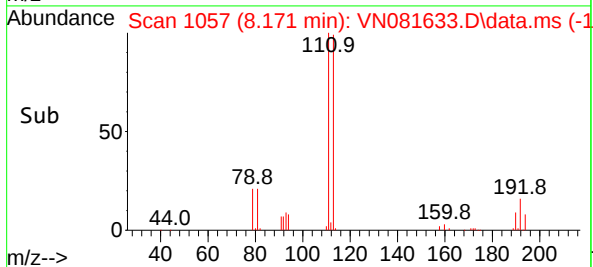
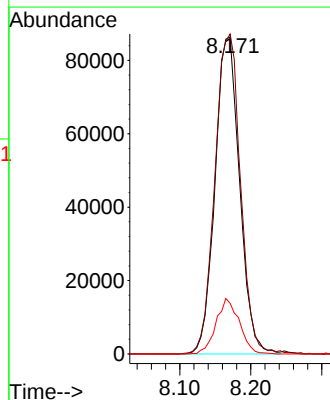
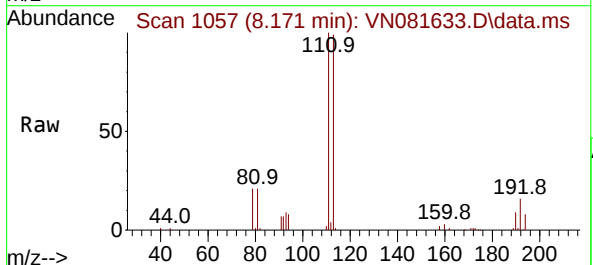
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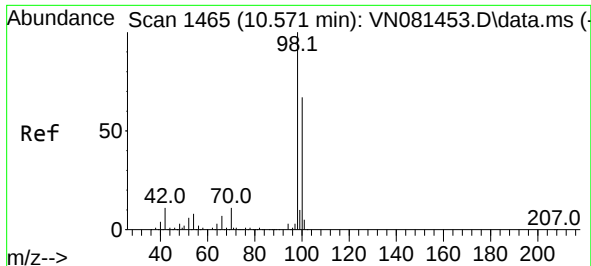
Tgt Ion:114 Resp: 658942  
Ion Ratio Lower Upper  
114 100  
63 18.4 0.0 48.0  
88 15.0 0.0 34.8



#35  
Dibromofluoromethane  
Concen: 49.901 ug/l  
RT: 8.171 min Scan# 1057  
Delta R.T. 0.000 min  
Lab File: VN081633.D  
Acq: 29 Mar 2024 22:16

Tgt Ion:113 Resp: 207517  
Ion Ratio Lower Upper  
113 100  
111 105.0 82.2 123.4  
192 16.5 12.5 18.7

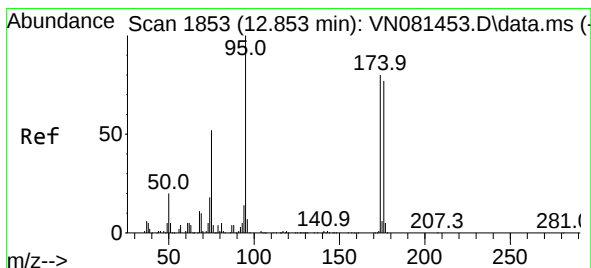
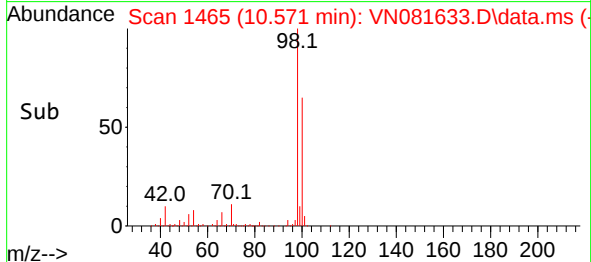
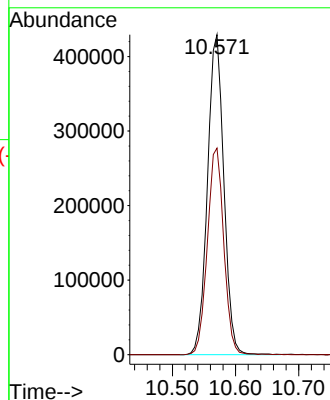
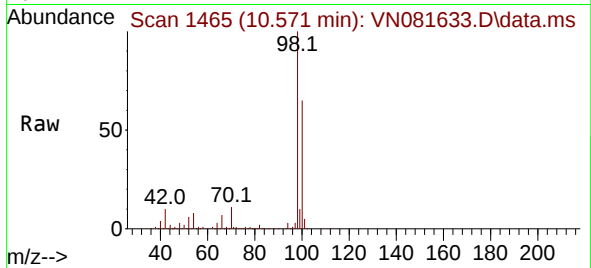




#50  
Toluene-d8  
Concen: 51.400 ug/l  
RT: 10.571 min Scan# 1465  
Delta R.T. 0.000 min  
Lab File: VN081633.D  
Acq: 29 Mar 2024 22:16

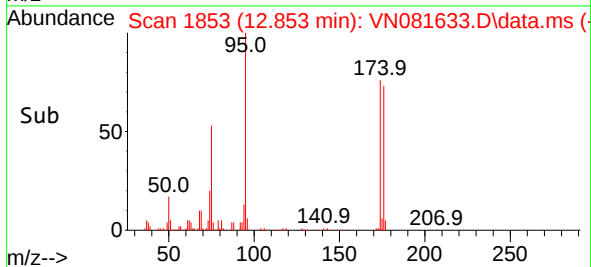
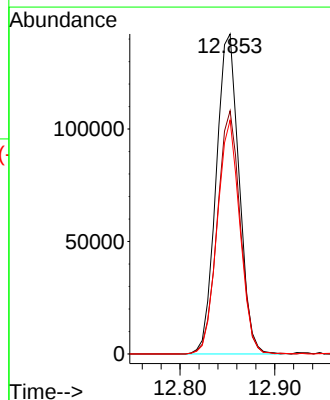
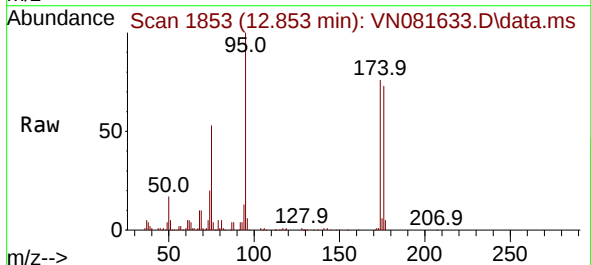
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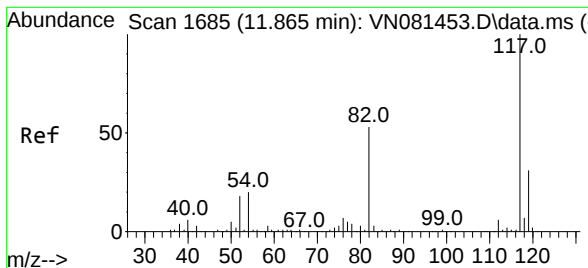
Tgt Ion: 98 Resp: 772686  
Ion Ratio Lower Upper  
98 100  
100 64.8 51.4 77.0



#62  
4-Bromofluorobenzene  
Concen: 45.234 ug/l  
RT: 12.853 min Scan# 1853  
Delta R.T. 0.000 min  
Lab File: VN081633.D  
Acq: 29 Mar 2024 22:16

Tgt Ion: 95 Resp: 239604  
Ion Ratio Lower Upper  
95 100  
174 75.9 0.0 120.4  
176 72.2 0.0 121.0

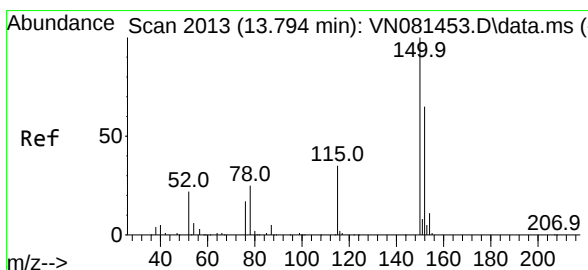
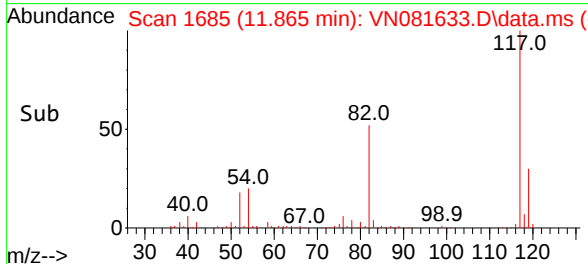
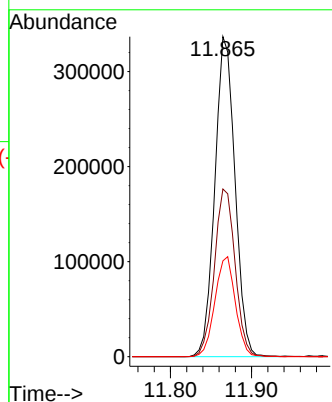
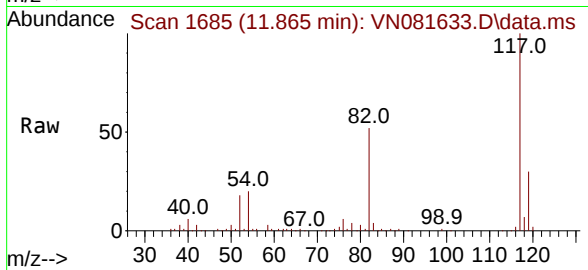




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.865 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VN081633.D  
Acq: 29 Mar 2024 22:16

Instrument :  
MSVOA\_N  
ClientSampleId :  
STORAGE-BLANK-SAMPLE-MANAG

Tgt Ion:117 Resp: 581326  
Ion Ratio Lower Upper  
117 100  
82 52.4 52.7 79.1#  
119 29.9 25.3 37.9



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.794 min Scan# 2013  
Delta R.T. 0.000 min  
Lab File: VN081633.D  
Acq: 29 Mar 2024 22:16

Tgt Ion:152 Resp: 231158  
Ion Ratio Lower Upper  
152 100  
115 59.5 32.3 96.8  
150 155.9 0.0 339.8

