

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN052022\  
 Data File : VN072570.D  
 Acq On : 20 May 2022 12:02  
 Operator : JC\MD  
 Sample : VN0520WBL01  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0520WBL01

Quant Time: May 21 01:31:09 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N051822W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu May 19 02:22:47 2022  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon  | Response | Conc     | Units      | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|------------|----------|
| -----                       |        |       |          |          |            |          |
| Internal Standards          |        |       |          |          |            |          |
| 1) Pentafluorobenzene       | 8.081  | 168   | 270998   | 50.000   | ug/l       | # 0.00   |
| 34) 1,4-Difluorobenzene     | 8.963  | 114   | 405969   | 50.000   | ug/l       | 0.00     |
| 63) Chlorobenzene-d5        | 11.739 | 117   | 361793   | 50.000   | ug/l       | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.668 | 152   | 135739   | 50.000   | ug/l       | 0.00     |
| System Monitoring Compounds |        |       |          |          |            |          |
| 33) 1,2-Dichloroethane-d4   | 8.434  | 65    | 230096   | 54.648   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 61 - 141 | Recovery | = 109.300% |          |
| 35) Dibromofluoromethane    | 8.016  | 113   | 151663   | 55.367   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 69 - 133 | Recovery | = 110.740% |          |
| 50) Toluene-d8              | 10.439 | 98    | 547094   | 52.765   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 65 - 126 | Recovery | = 105.540% |          |
| 62) 4-Bromofluorobenzene    | 12.727 | 95    | 175335   | 44.518   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 58 - 135 | Recovery | = 89.040%  |          |

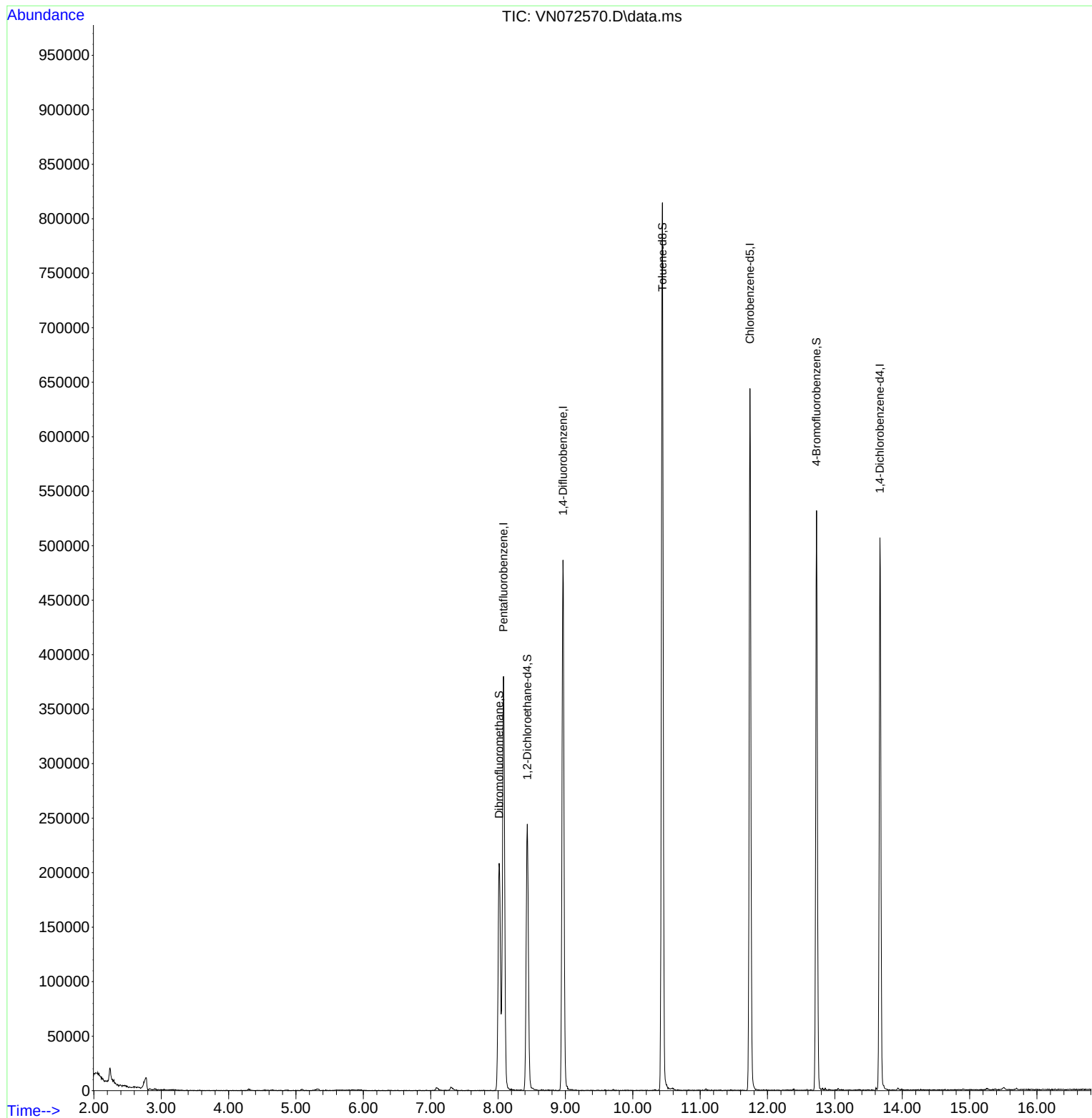
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

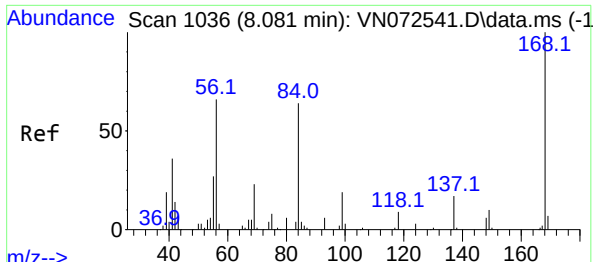
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N051822W.M  
Quant Title : SW846 8260  
QLast Update : Thu May 19 02:22:47 2022  
Response via : Initial Calibration





Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.081 min Scan# 1036

Delta R.T. -0.000 min

Lab File: VN072570.D

Acq: 20 May 2022 12:02

Instrument :

MSVOA\_N

ClientSampleId :

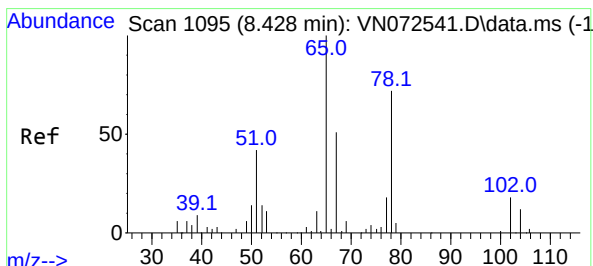
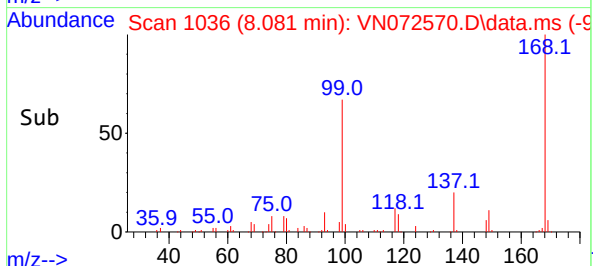
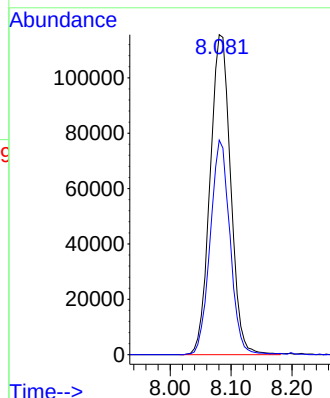
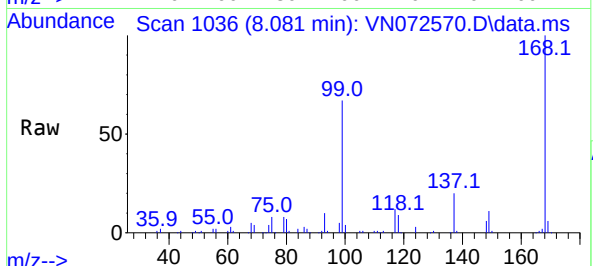
VN0520WBL01

Tgt Ion:168 Resp: 270998

Ion Ratio Lower Upper

168 100

99 67.1 42.3 63.5#



1,2-Dichloroethane-d4

Concen: 54.648 ug/l

RT: 8.434 min Scan# 1096

Delta R.T. 0.005 min

Lab File: VN072570.D

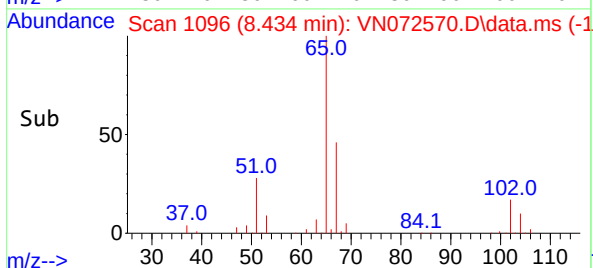
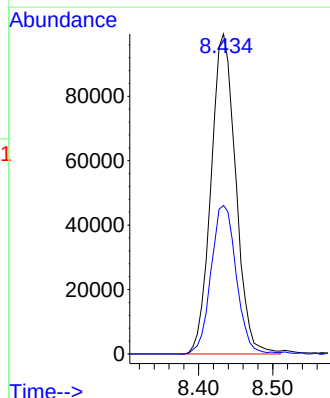
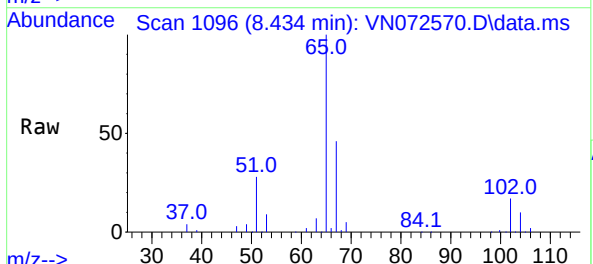
Acq: 20 May 2022 12:02

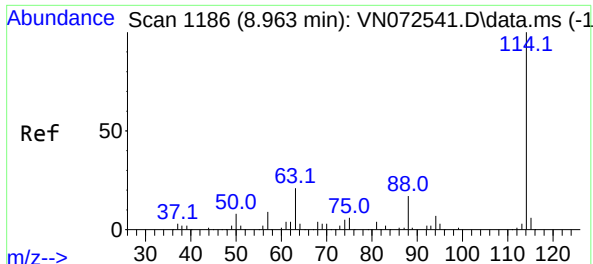
Tgt Ion: 65 Resp: 230096

Ion Ratio Lower Upper

65 100

67 47.3 0.0 104.8

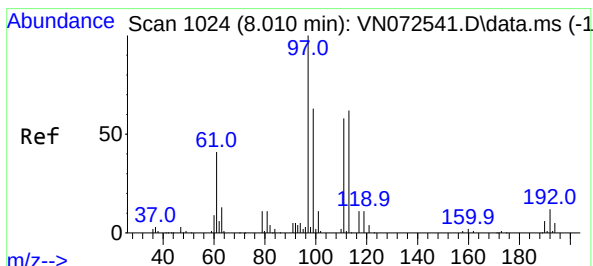
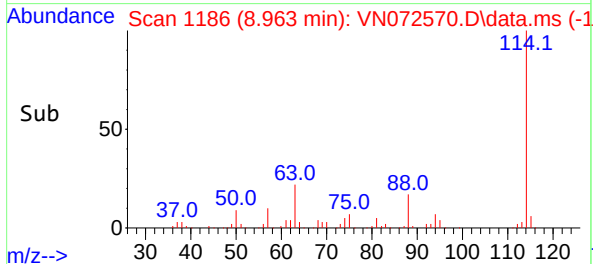
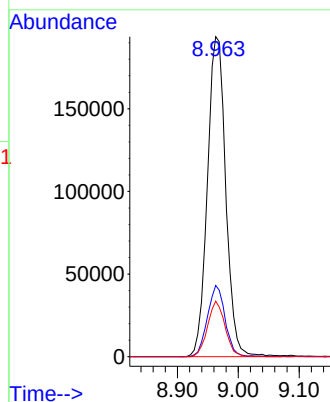
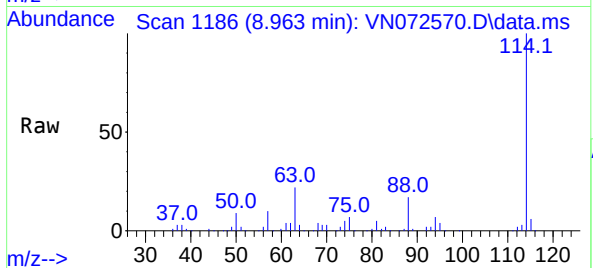




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 8.963 min Scan# 1186  
Delta R.T. -0.000 min  
Lab File: VN072570.D  
Acq: 20 May 2022 12:02

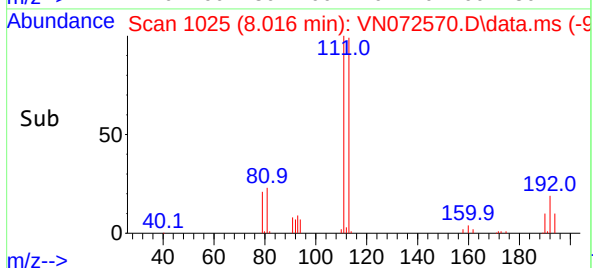
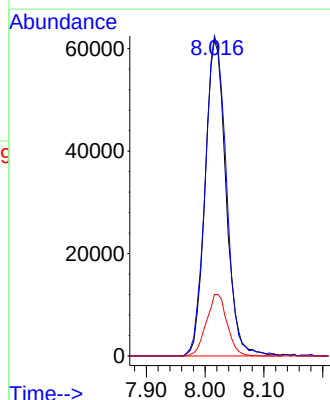
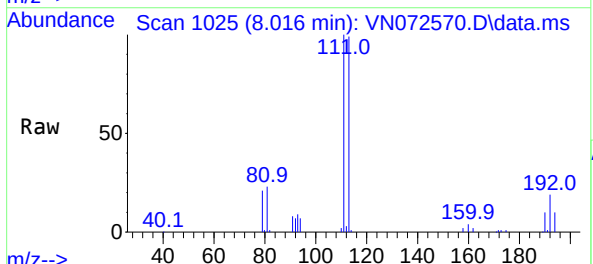
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0520WBL01

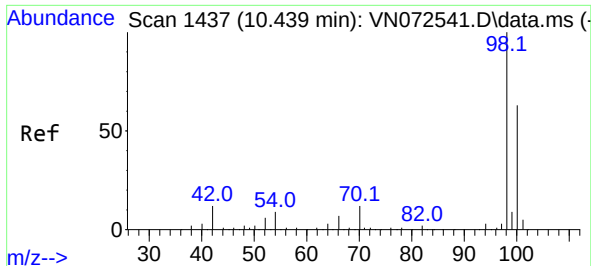
Tgt Ion:114 Resp: 405969  
Ion Ratio Lower Upper  
114 100  
63 22.2 0.0 40.0  
88 17.3 0.0 32.6



#35  
Dibromofluoromethane  
Concen: 55.367 ug/l  
RT: 8.016 min Scan# 1025  
Delta R.T. 0.006 min  
Lab File: VN072570.D  
Acq: 20 May 2022 12:02

Tgt Ion:113 Resp: 151663  
Ion Ratio Lower Upper  
113 100  
111 103.4 81.4 122.0  
192 19.4 17.0 25.6

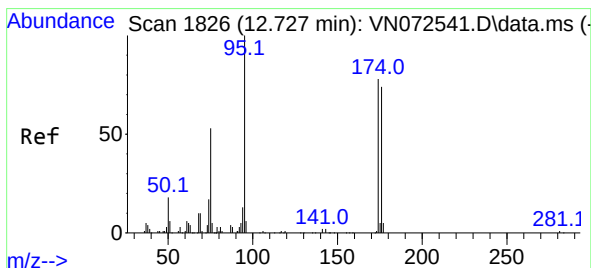
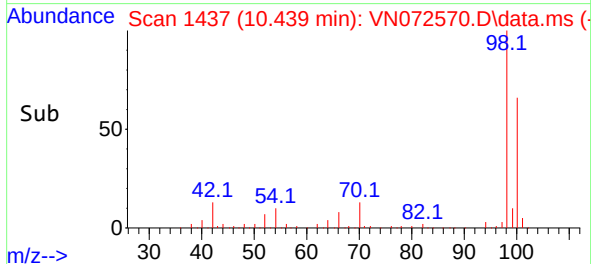
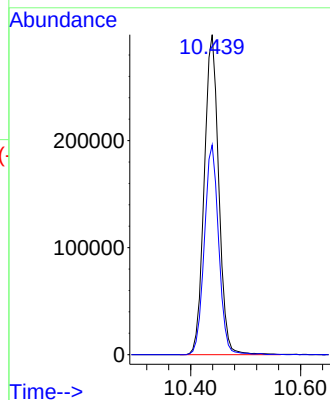
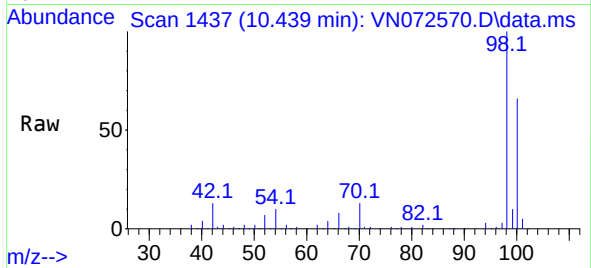




#50  
Toluene-d8  
Concen: 52.765 ug/l  
RT: 10.439 min Scan# 1437  
Delta R.T. 0.000 min  
Lab File: VN072570.D  
Acq: 20 May 2022 12:02

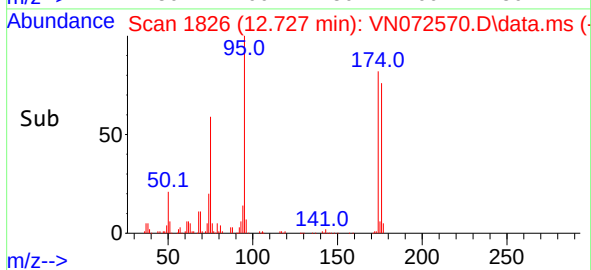
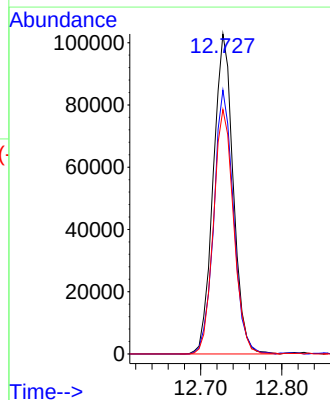
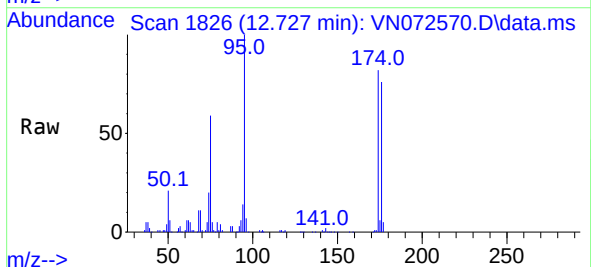
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0520WBL01

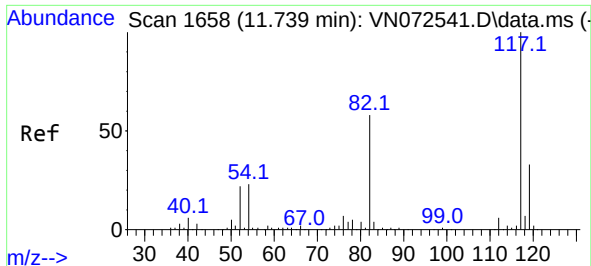
Tgt Ion: 98 Resp: 547094  
Ion Ratio Lower Upper  
98 100  
100 64.6 52.6 78.8



#62  
4-Bromofluorobenzene  
Concen: 44.518 ug/l  
RT: 12.727 min Scan# 1826  
Delta R.T. 0.000 min  
Lab File: VN072570.D  
Acq: 20 May 2022 12:02

Tgt Ion: 95 Resp: 175335  
Ion Ratio Lower Upper  
95 100  
174 81.0 0.0 167.6  
176 77.1 0.0 163.4

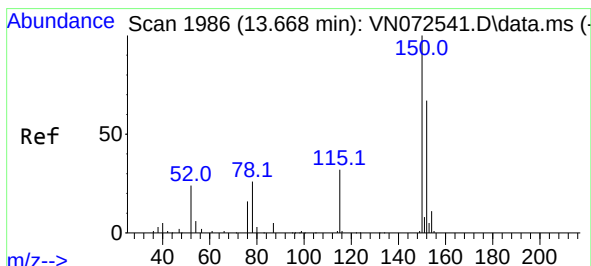
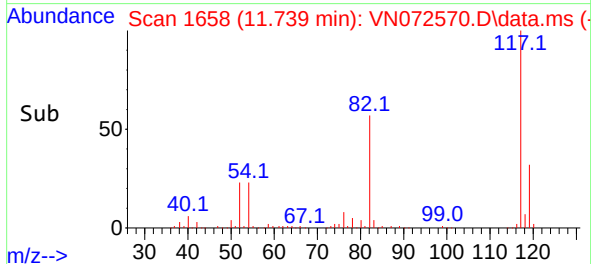
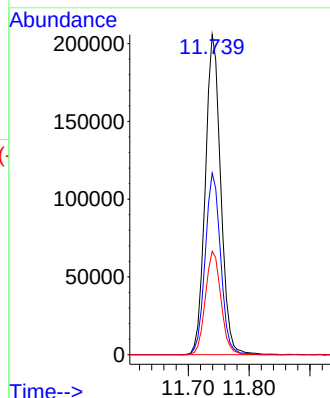
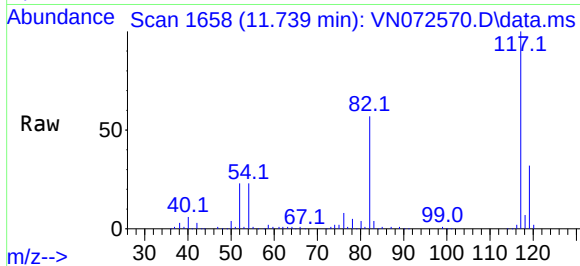




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.739 min Scan# 117  
Delta R.T. 0.000 min  
Lab File: VN072570.D  
Acq: 20 May 2022 12:02

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0520WBL01

Tgt Ion:117 Resp: 361793  
Ion Ratio Lower Upper  
117 100  
82 56.8 44.2 66.2  
119 32.3 25.4 38.0



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.668 min Scan# 1986  
Delta R.T. 0.000 min  
Lab File: VN072570.D  
Acq: 20 May 2022 12:02

Tgt Ion:152 Resp: 135739  
Ion Ratio Lower Upper  
152 100  
115 62.4 28.9 86.7  
150 158.1 0.0 356.2

