

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN050422\  
 Data File : VN072319.D  
 Acq On : 04 May 2022 11:18  
 Operator : JC\MD  
 Sample : VN0504MBL01  
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA\_N/MEOH  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0504MBL01

Quant Time: May 04 14:19:25 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N042622W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Apr 26 18:50:11 2022  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 8.086  | 168  | 182746   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.963  | 114  | 354887   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.739 | 117  | 382192   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.668 | 152  | 137738   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |          |
|-----------------------------|--------|-------|----------|----------|------|----------|
| System Monitoring Compounds |        |       |          |          |      |          |
| 33) 1,2-Dichloroethane-d4   | 8.433  | 65    | 156843   | 55.904   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 61 - 141 | Recovery | =    | 111.800% |
| 35) Dibromofluoromethane    | 8.016  | 113   | 117620   | 51.781   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 69 - 133 | Recovery | =    | 103.560% |
| 50) Toluene-d8              | 10.439 | 98    | 463581   | 51.939   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 65 - 126 | Recovery | =    | 103.880% |
| 62) 4-Bromofluorobenzene    | 12.727 | 95    | 167898   | 56.673   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 58 - 135 | Recovery | =    | 113.340% |

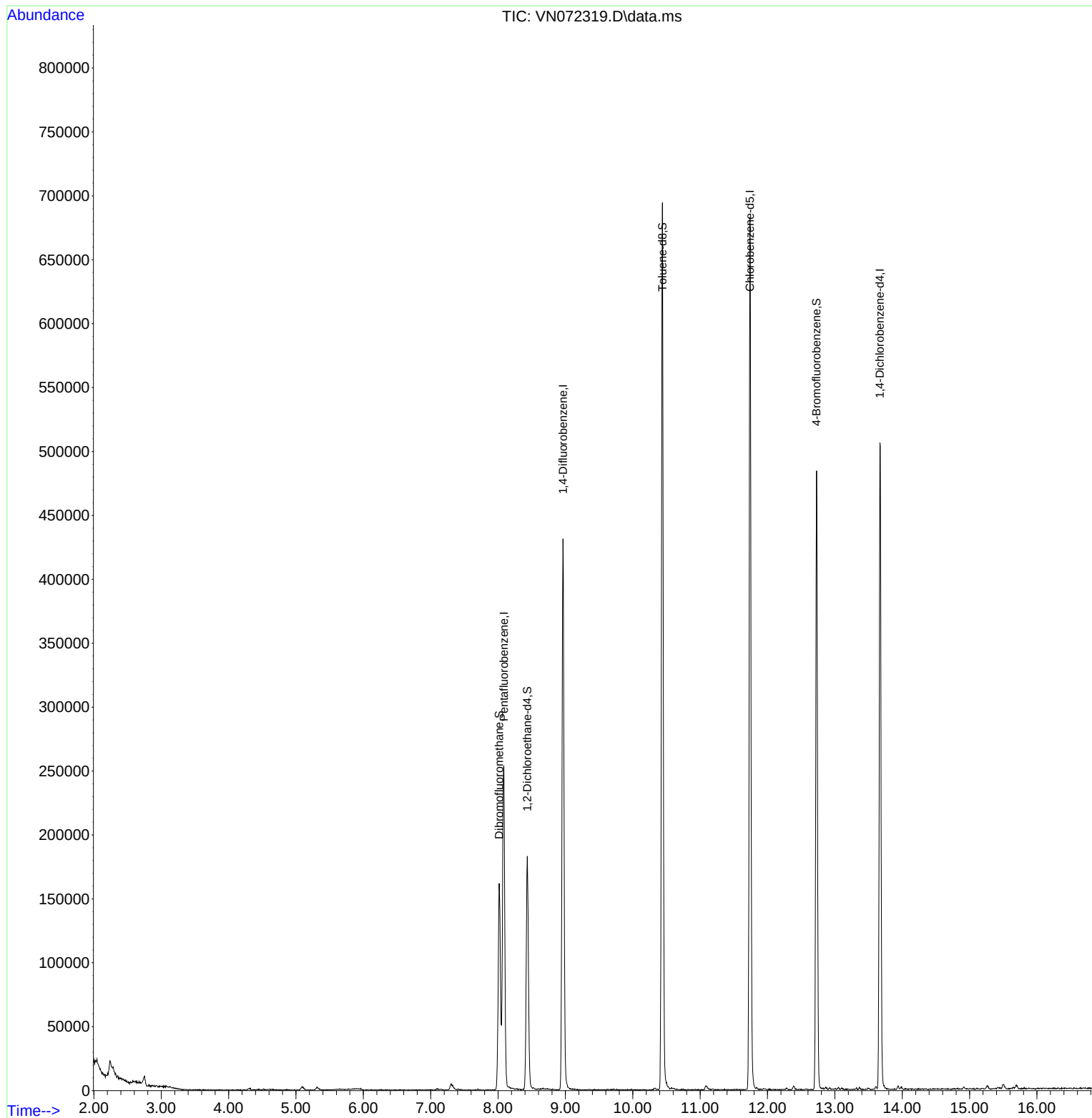
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

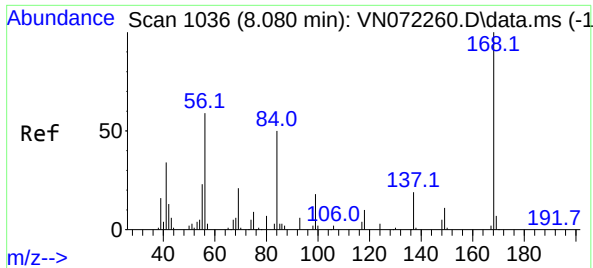
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260  
QLast Update : Tue Apr 26 18:50:11 2022  
Response via : Initial Calibration

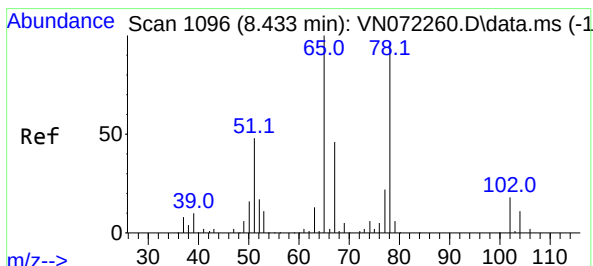
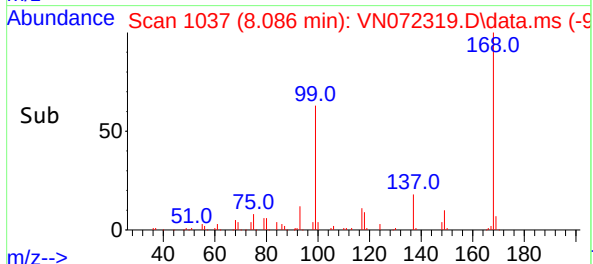
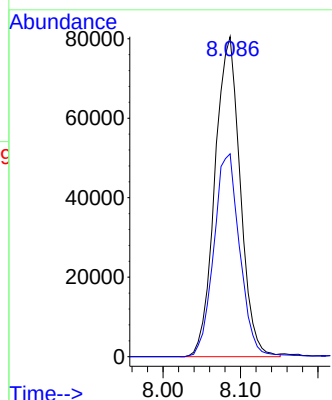
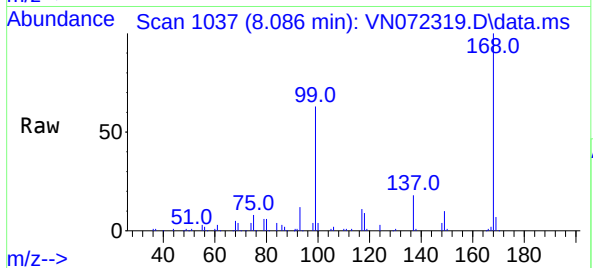




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.086 min Scan# 1036  
Delta R.T. 0.005 min  
Lab File: VN072319.D  
Acq: 04 May 2022 11:18

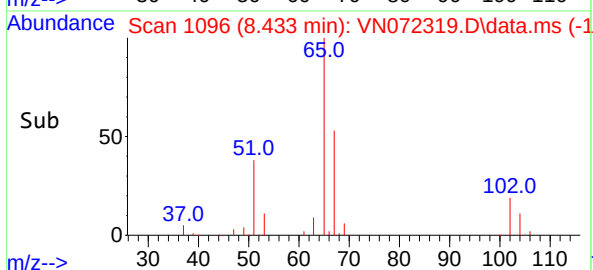
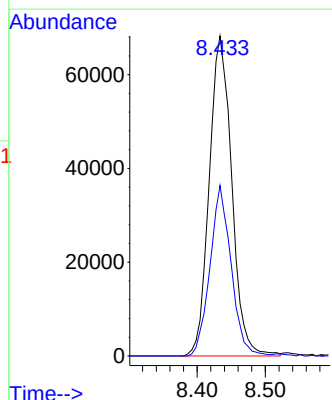
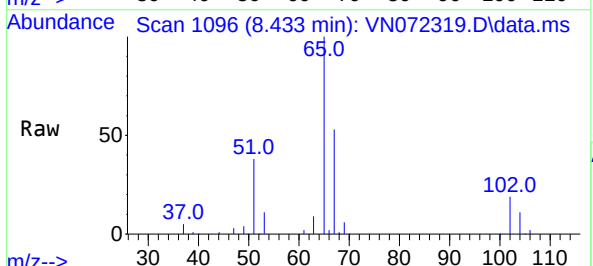
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0504MBL01

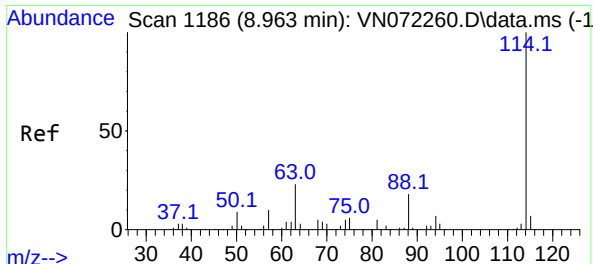
Tgt Ion:168 Resp: 182746  
Ion Ratio Lower Upper  
168 100  
99 63.4 42.3 63.5



#33  
1,2-Dichloroethane-d4  
Concen: 55.904 ug/l  
RT: 8.433 min Scan# 1096  
Delta R.T. -0.001 min  
Lab File: VN072319.D  
Acq: 04 May 2022 11:18

Tgt Ion: 65 Resp: 156843  
Ion Ratio Lower Upper  
65 100  
67 49.9 0.0 104.8

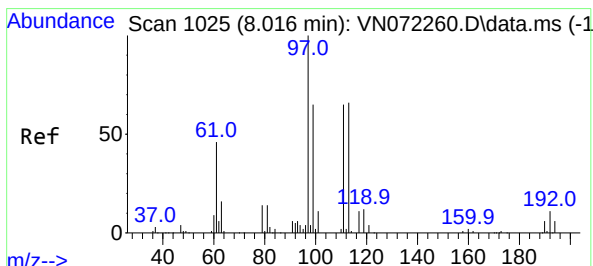
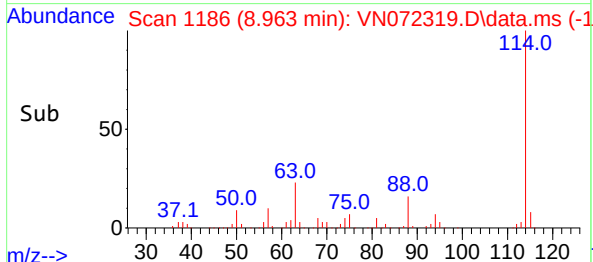
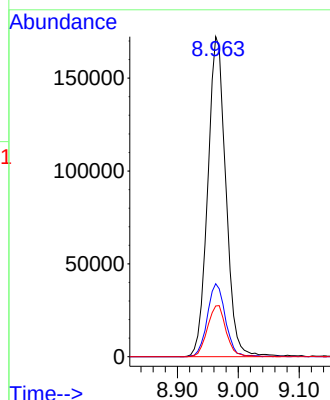
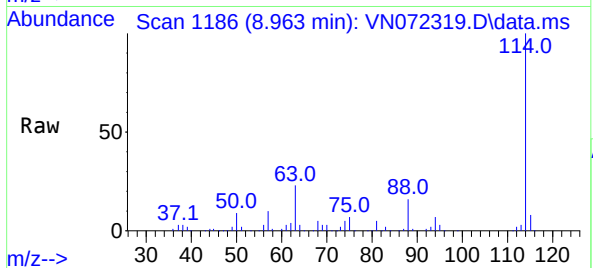




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 8.963 min Scan# 1186  
Delta R.T. -0.000 min  
Lab File: VN072319.D  
Acq: 04 May 2022 11:18

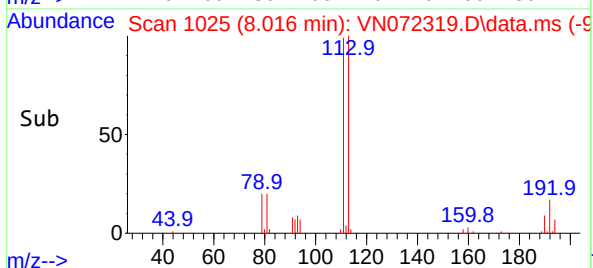
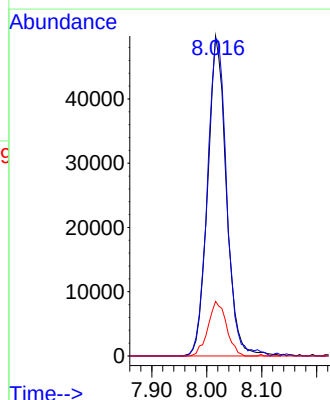
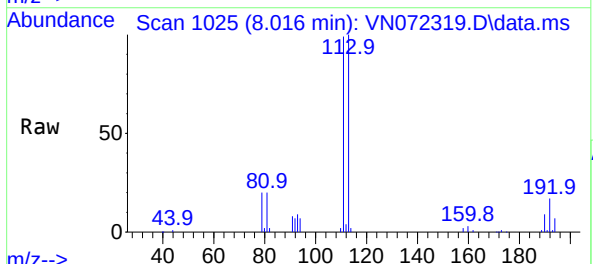
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0504MBL01

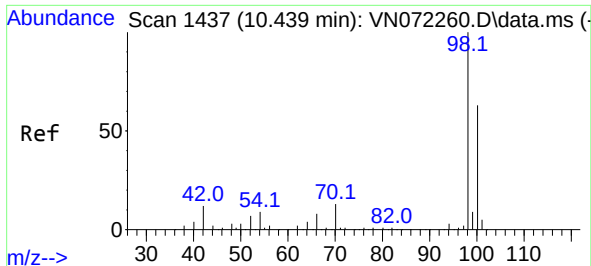
Tgt Ion:114 Resp: 354887  
Ion Ratio Lower Upper  
114 100  
63 22.8 0.0 40.0  
88 15.8 0.0 32.6



#35  
Dibromofluoromethane  
Concen: 51.781 ug/l  
RT: 8.016 min Scan# 1025  
Delta R.T. -0.000 min  
Lab File: VN072319.D  
Acq: 04 May 2022 11:18

Tgt Ion:113 Resp: 117620  
Ion Ratio Lower Upper  
113 100  
111 102.8 81.4 122.0  
192 16.9 17.0 25.6#

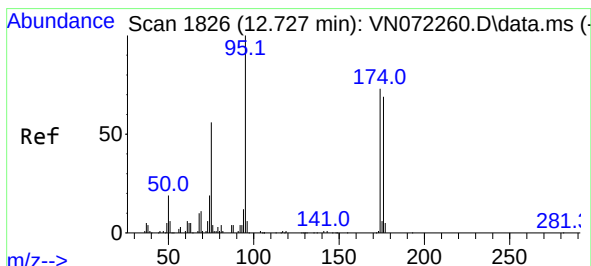
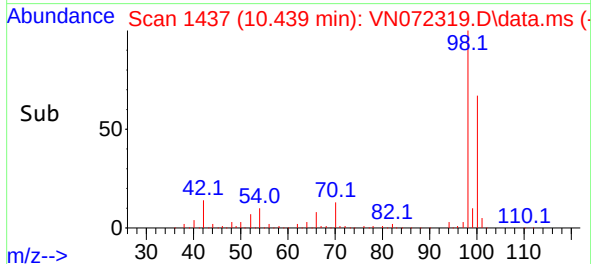
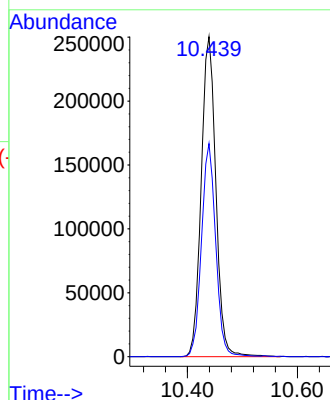
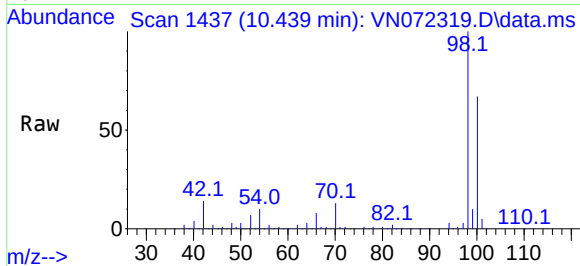




#50  
Toluene-d8  
Concen: 51.939 ug/l  
RT: 10.439 min Scan# 1437  
Delta R.T. 0.000 min  
Lab File: VN072319.D  
Acq: 04 May 2022 11:18

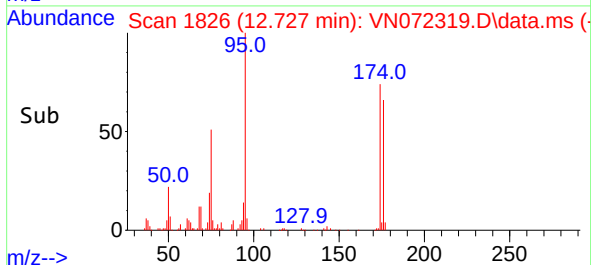
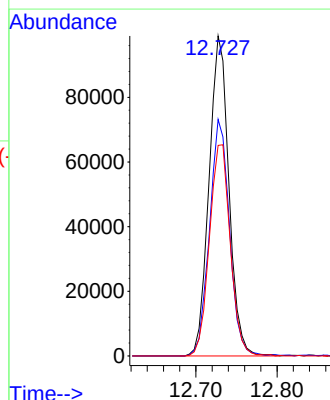
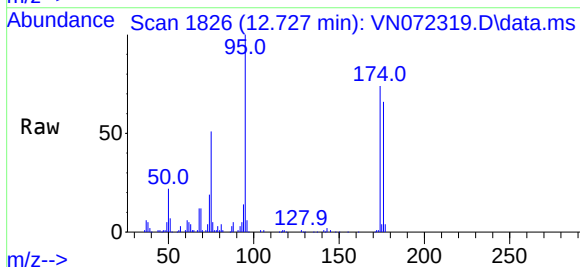
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0504MBL01

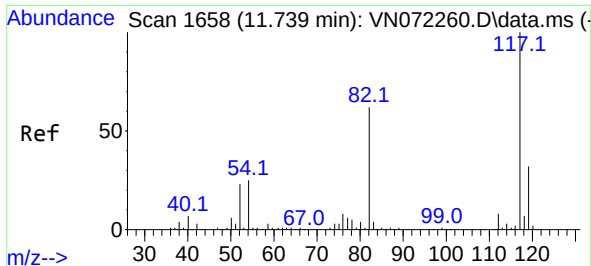
Tgt Ion: 98 Resp: 463581  
Ion Ratio Lower Upper  
98 100  
100 64.6 52.6 78.8



#62  
4-Bromofluorobenzene  
Concen: 56.673 ug/l  
RT: 12.727 min Scan# 1826  
Delta R.T. 0.000 min  
Lab File: VN072319.D  
Acq: 04 May 2022 11:18

Tgt Ion: 95 Resp: 167898  
Ion Ratio Lower Upper  
95 100  
174 74.3 0.0 167.6  
176 69.4 0.0 163.4

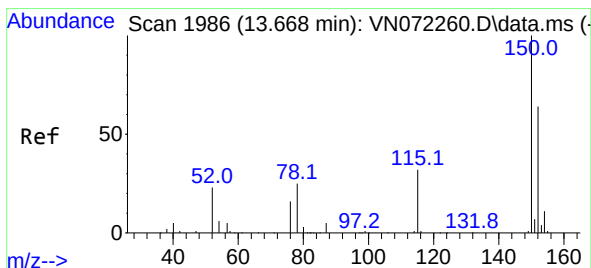
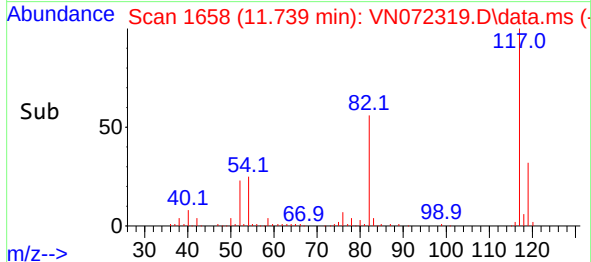
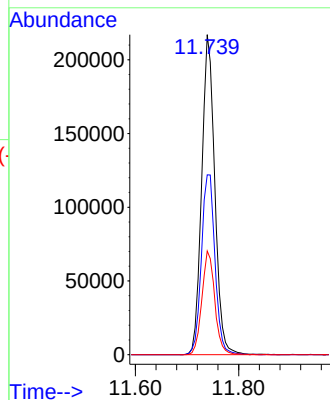
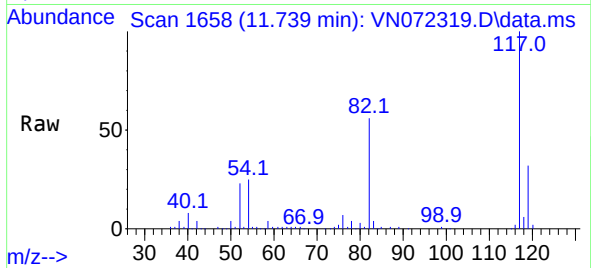




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.739 min Scan# 117  
Delta R.T. 0.000 min  
Lab File: VN072319.D  
Acq: 04 May 2022 11:18

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0504MBL01

Tgt Ion:117 Resp: 382192  
Ion Ratio Lower Upper  
117 100  
82 56.2 44.2 66.2  
119 32.4 25.4 38.0



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.668 min Scan# 1986  
Delta R.T. -0.001 min  
Lab File: VN072319.D  
Acq: 04 May 2022 11:18

Tgt Ion:152 Resp: 137738  
Ion Ratio Lower Upper  
152 100  
115 60.9 28.9 86.7  
150 156.4 0.0 356.2

