

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN041322\  
 Data File : VN071972.D  
 Acq On : 13 Apr 2022 12:32  
 Operator : JC\MD  
 Sample : VN0413WBL01  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0413WBL01

Quant Time: Apr 14 02:30:35 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N033022W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Mar 31 01:57:54 2022  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon  | Response | Conc     | Units | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|-------|----------|
| -----                       |        |       |          |          |       |          |
| Internal Standards          |        |       |          |          |       |          |
| 1) Pentafluorobenzene       | 8.086  | 168   | 617746   | 50.000   | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.963  | 114   | 1044180  | 50.000   | ug/l  | 0.00     |
| 63) Chlorobenzene-d5        | 11.739 | 117   | 1116477  | 50.000   | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.668 | 152   | 409447   | 50.000   | ug/l  | 0.00     |
| System Monitoring Compounds |        |       |          |          |       |          |
| 33) 1,2-Dichloroethane-d4   | 8.433  | 65    | 327625   | 46.457   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 61 - 141 | Recovery | =     | 92.920%  |
| 35) Dibromofluoromethane    | 8.016  | 113   | 299470   | 48.739   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 69 - 133 | Recovery | =     | 97.480%  |
| 50) Toluene-d8              | 10.439 | 98    | 1323370  | 52.650   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 65 - 126 | Recovery | =     | 105.300% |
| 62) 4-Bromofluorobenzene    | 12.727 | 95    | 456127   | 56.110   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 58 - 135 | Recovery | =     | 112.220% |

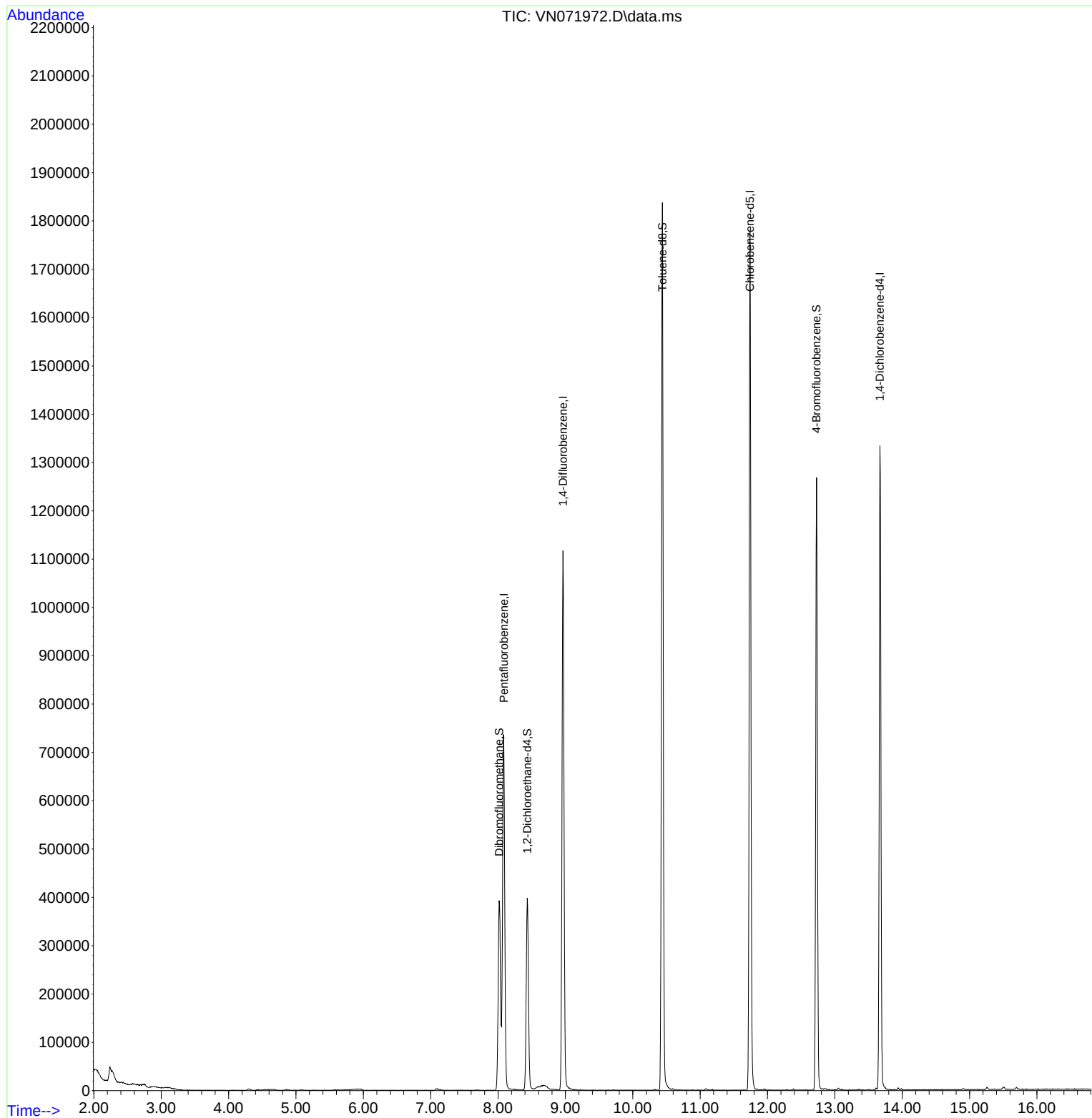
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

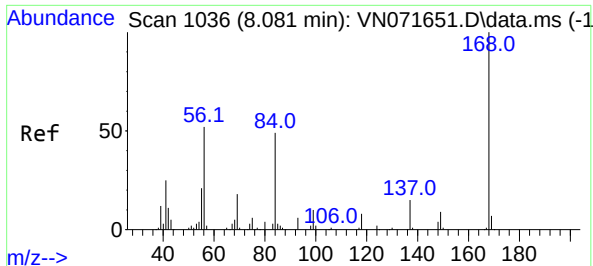
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :  
MSVOA\_N  
ClientSampleId :  
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N033022W.M  
Quant Title : SW846 8260  
QLast Update : Thu Mar 31 01:57:54 2022  
Response via : Initial Calibration

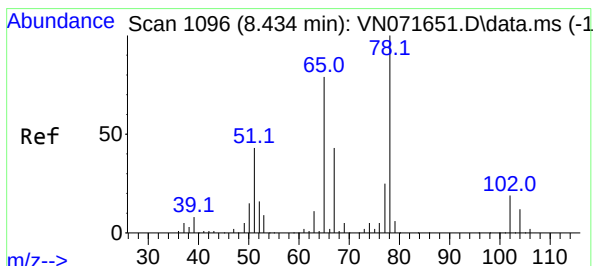
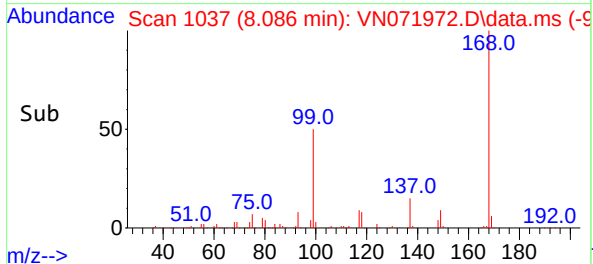
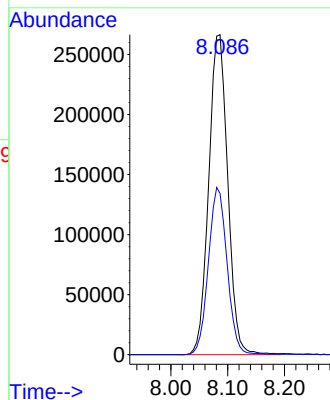
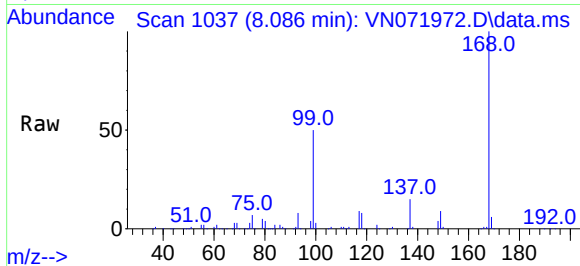




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.086 min Scan# 1036  
Delta R.T. 0.005 min  
Lab File: VN071972.D  
Acq: 13 Apr 2022 12:32

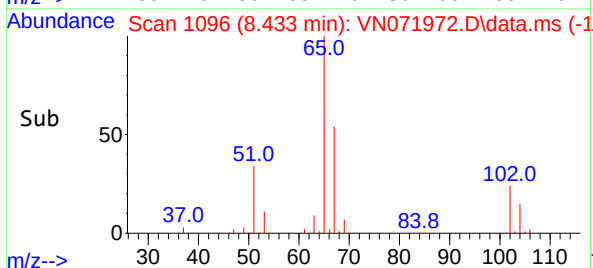
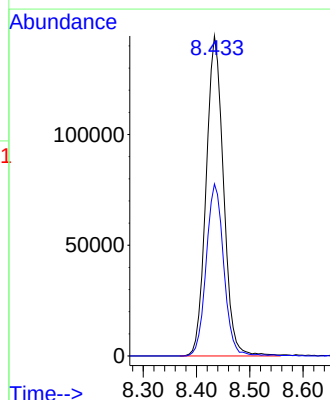
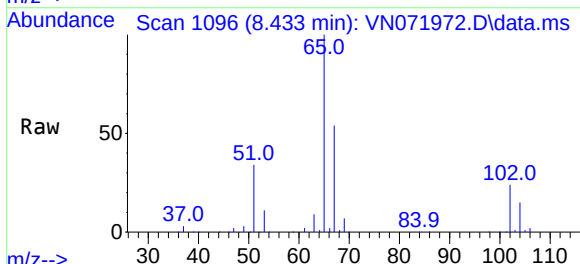
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0413WBL01

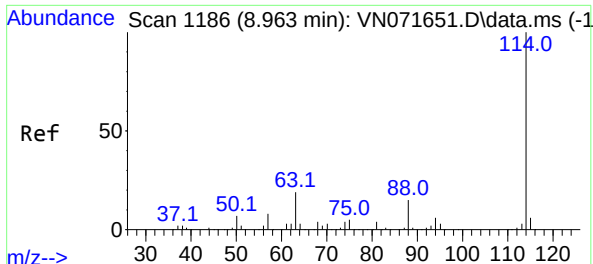
Tgt Ion:168 Resp: 617746  
Ion Ratio Lower Upper  
168 100  
99 50.4 42.3 63.5



#33  
1,2-Dichloroethane-d4  
Concen: 46.457 ug/l  
RT: 8.433 min Scan# 1096  
Delta R.T. -0.001 min  
Lab File: VN071972.D  
Acq: 13 Apr 2022 12:32

Tgt Ion: 65 Resp: 327625  
Ion Ratio Lower Upper  
65 100  
67 54.1 0.0 104.8

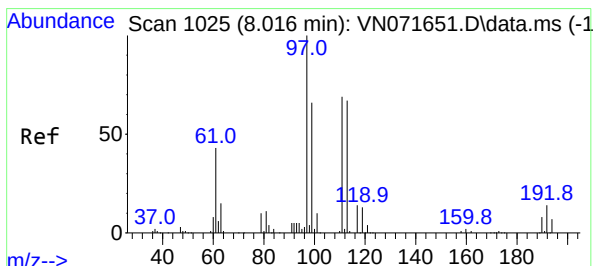
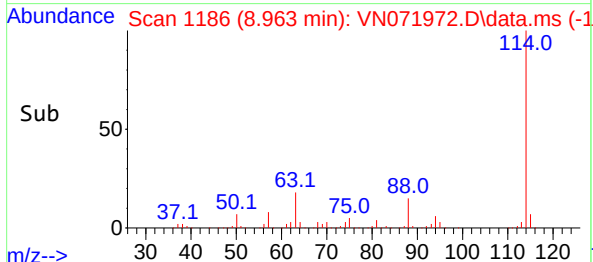
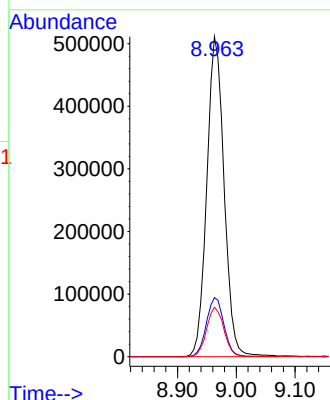
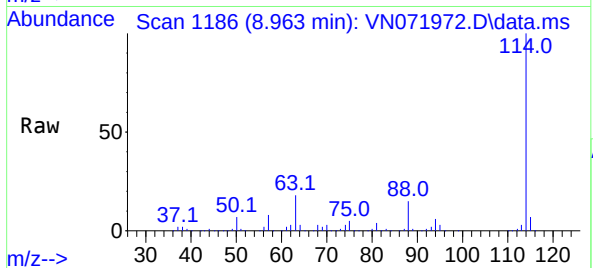




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 8.963 min Scan# 1186  
Delta R.T. -0.000 min  
Lab File: VN071972.D  
Acq: 13 Apr 2022 12:32

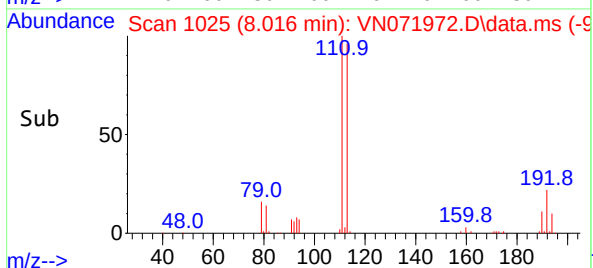
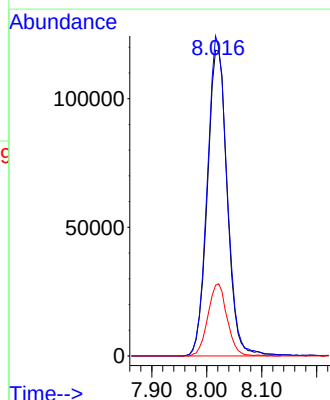
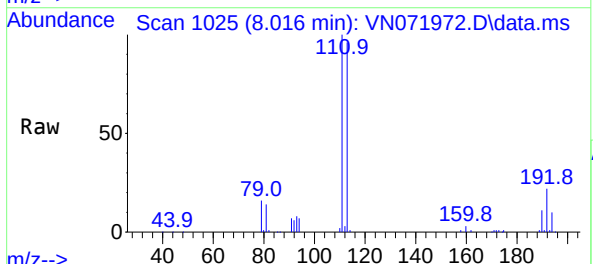
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0413WBL01

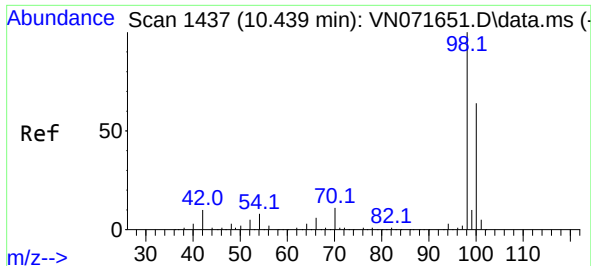
Tgt Ion:114 Resp: 1044180  
Ion Ratio Lower Upper  
114 100  
63 18.5 0.0 40.0  
88 15.5 0.0 32.6



#35  
Dibromofluoromethane  
Concen: 48.739 ug/l  
RT: 8.016 min Scan# 1025  
Delta R.T. -0.000 min  
Lab File: VN071972.D  
Acq: 13 Apr 2022 12:32

Tgt Ion:113 Resp: 299470  
Ion Ratio Lower Upper  
113 100  
111 103.7 81.4 122.0  
192 22.6 17.0 25.6

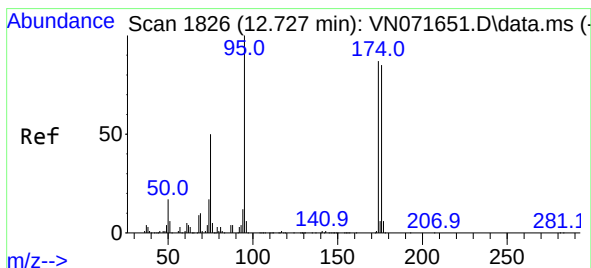
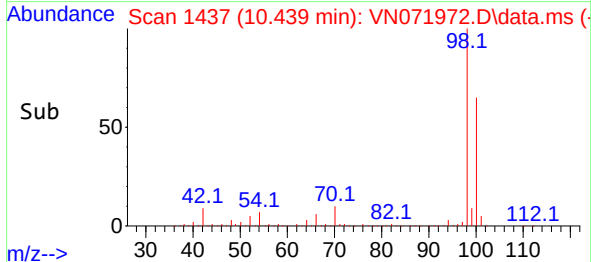
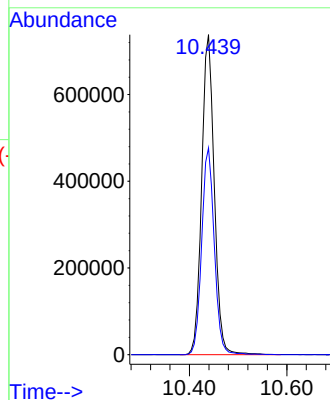
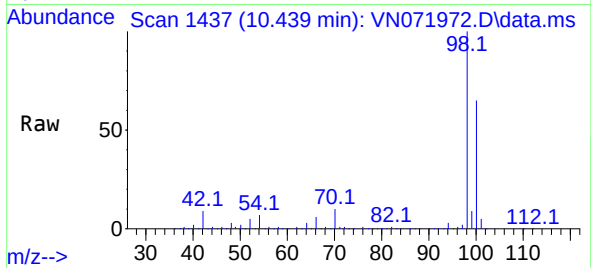




#50  
Toluene-d8  
Concen: 52.650 ug/l  
RT: 10.439 min Scan# 1437  
Delta R.T. 0.000 min  
Lab File: VN071972.D  
Acq: 13 Apr 2022 12:32

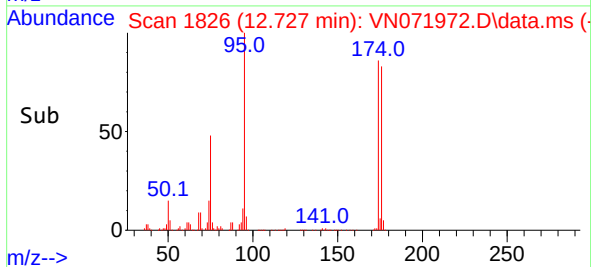
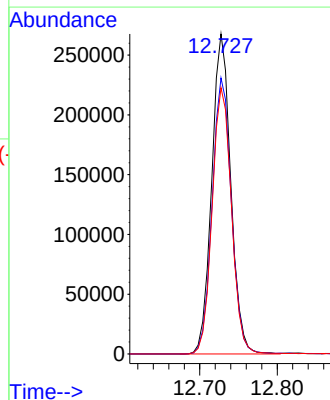
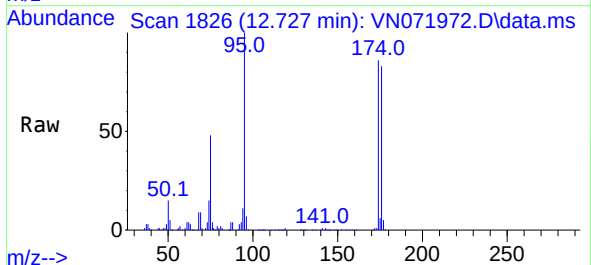
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0413WBL01

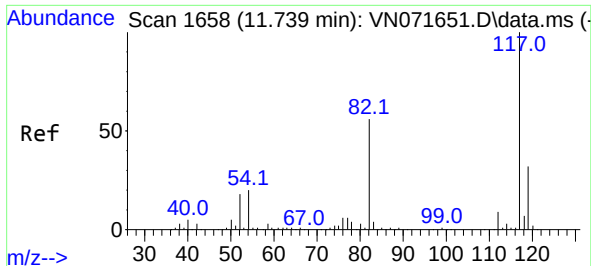
Tgt Ion: 98 Resp: 1323370  
Ion Ratio Lower Upper  
98 100  
100 64.9 52.6 78.8



#62  
4-Bromofluorobenzene  
Concen: 56.110 ug/l  
RT: 12.727 min Scan# 1826  
Delta R.T. 0.000 min  
Lab File: VN071972.D  
Acq: 13 Apr 2022 12:32

Tgt Ion: 95 Resp: 456127  
Ion Ratio Lower Upper  
95 100  
174 87.8 0.0 167.6  
176 84.6 0.0 163.4

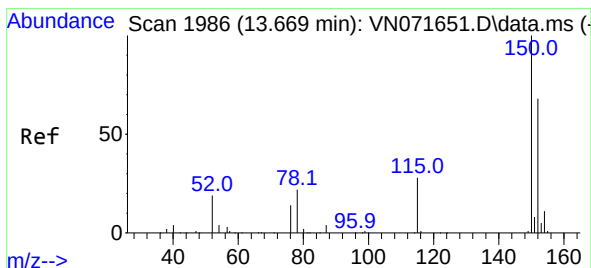
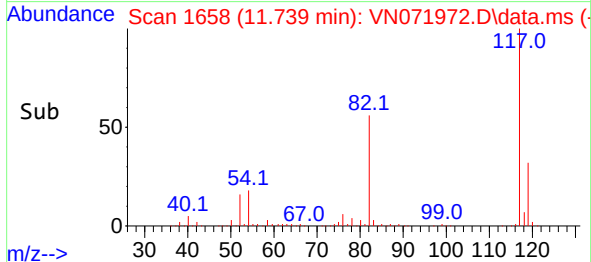
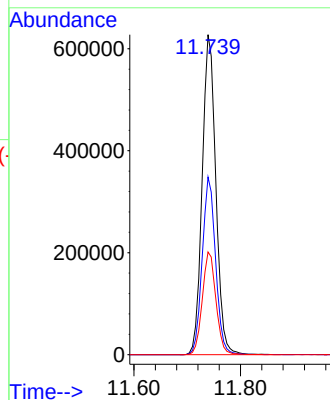
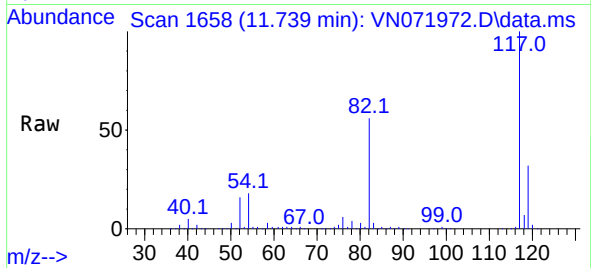




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.739 min Scan# 117  
Delta R.T. 0.000 min  
Lab File: VN071972.D  
Acq: 13 Apr 2022 12:32

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0413WBL01

Tgt Ion:117 Resp: 1116477  
Ion Ratio Lower Upper  
117 100  
82 55.5 44.2 66.2  
119 32.1 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: VN071972.D  
Acq: 13 Apr 2022 12:32

Tgt Ion:152 Resp: 409447  
Ion Ratio Lower Upper  
152 100  
115 55.8 28.9 86.7  
150 156.2 0.0 356.2

