

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN101521\  
 Data File : VN068943.D  
 Acq On : 15 Oct 2021 12:22  
 Operator : JC/MD  
 Sample : VN1015WBL01  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1015WBL01

Quant Time: Oct 18 02:14:19 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N101221W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Oct 13 05:44:40 2021  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 8.088  | 168  | 341561   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.971  | 114  | 591211   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.746 | 117  | 542067   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.677 | 152  | 197541   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |          |
|-----------------------------|--------|-------|----------|----------|------|----------|
| System Monitoring Compounds |        |       |          |          |      |          |
| 33) 1,2-Dichloroethane-d4   | 8.440  | 65    | 223006   | 49.520   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 61 - 141 | Recovery | =    | 99.040%  |
| 35) Dibromofluoromethane    | 8.024  | 113   | 177108   | 51.489   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 69 - 133 | Recovery | =    | 102.980% |
| 50) Toluene-d8              | 10.443 | 98    | 729566   | 53.010   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 65 - 126 | Recovery | =    | 106.020% |
| 62) 4-Bromofluorobenzene    | 12.733 | 95    | 266132   | 51.252   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 58 - 135 | Recovery | =    | 102.500% |

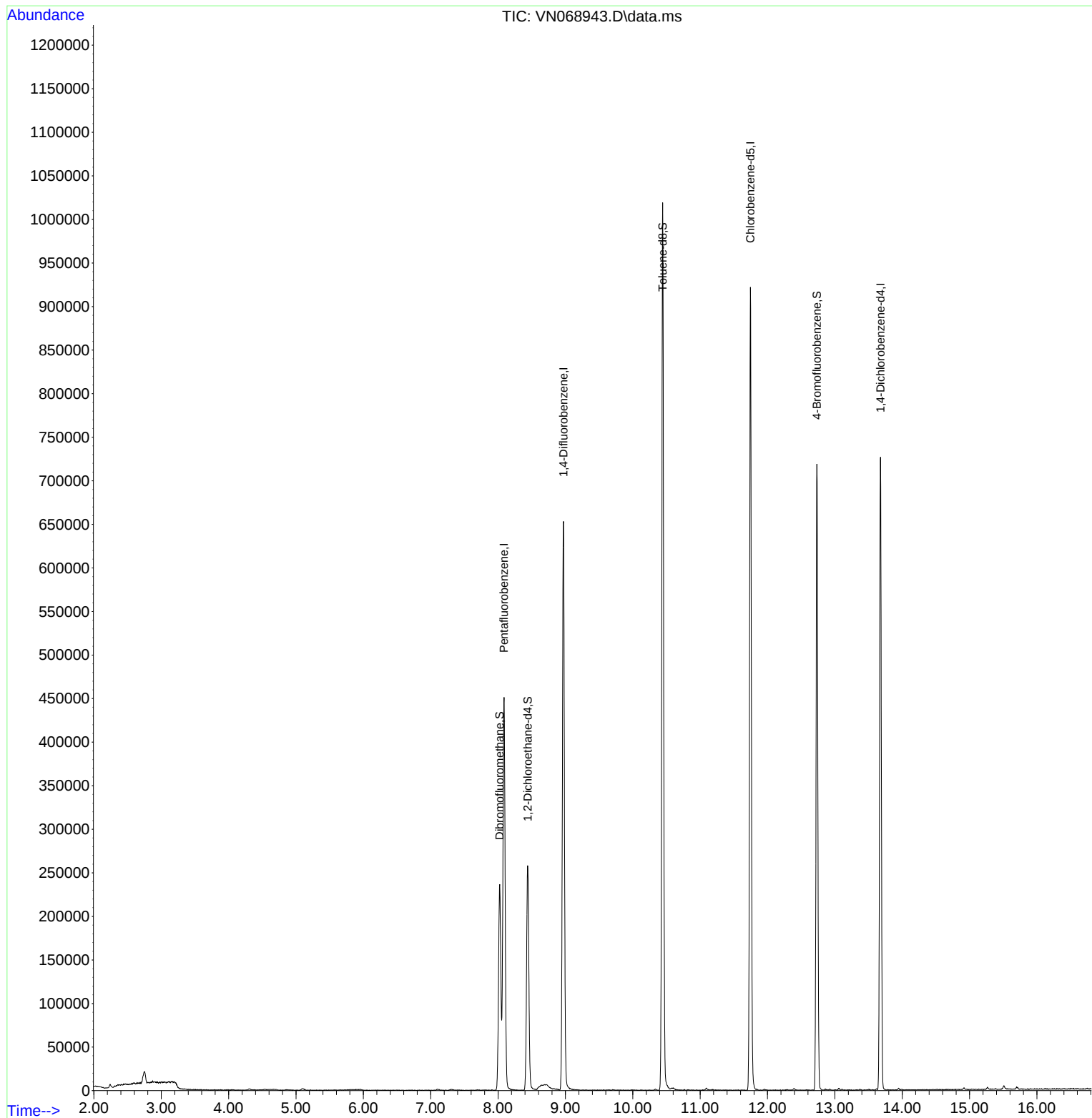
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

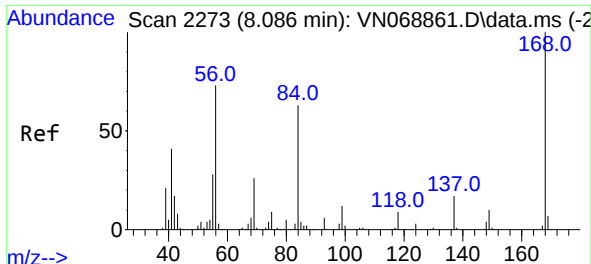
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260  
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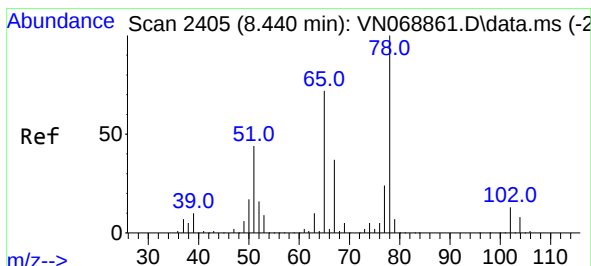
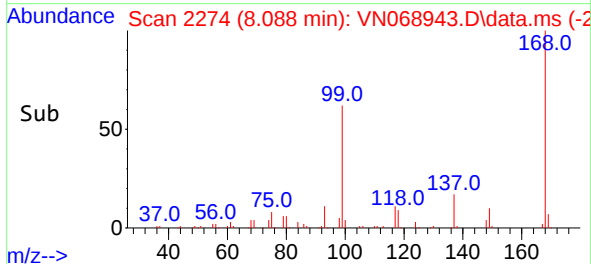
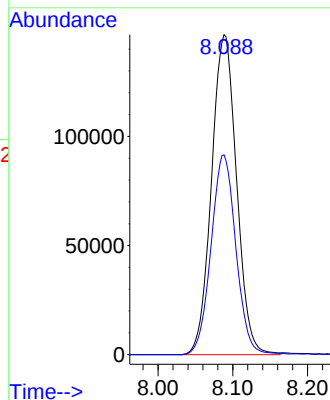
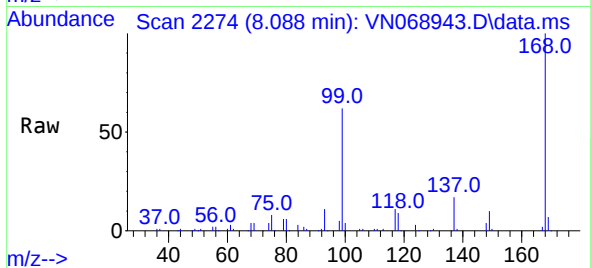




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.088 min Scan# 2274  
Delta R.T. 0.002 min  
Lab File: VN068943.D  
Acq: 15 Oct 2021 12:22

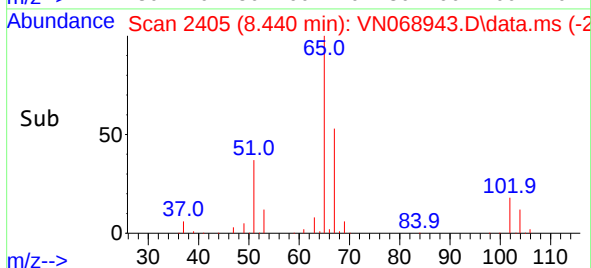
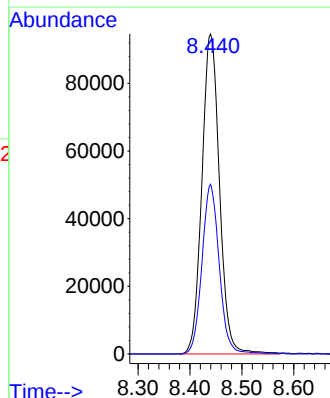
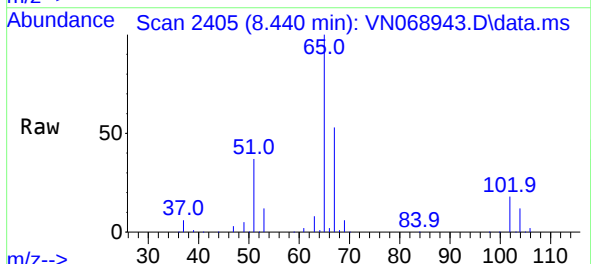
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1015WBL01

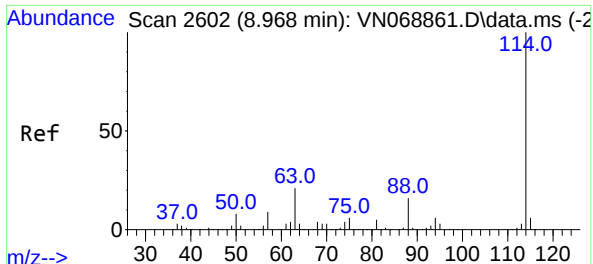
Tgt Ion:168 Resp: 341561  
Ion Ratio Lower Upper  
168 100  
99 62.5 48.9 73.3



#33  
1,2-Dichloroethane-d4  
Concen: 49.520 ug/l  
RT: 8.440 min Scan# 2405  
Delta R.T. -0.000 min  
Lab File: VN068943.D  
Acq: 15 Oct 2021 12:22

Tgt Ion: 65 Resp: 223006  
Ion Ratio Lower Upper  
65 100  
67 51.9 0.0 103.8



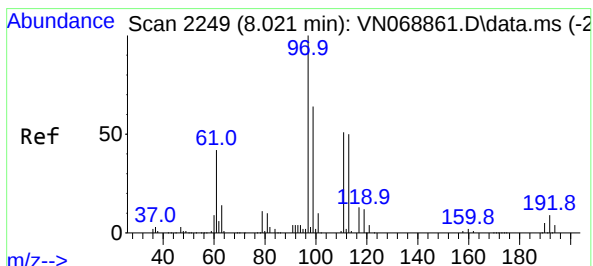
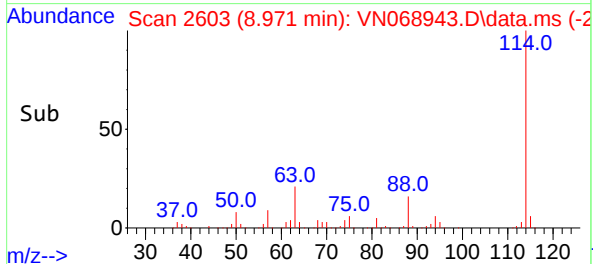
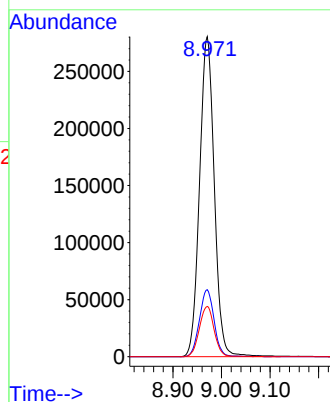
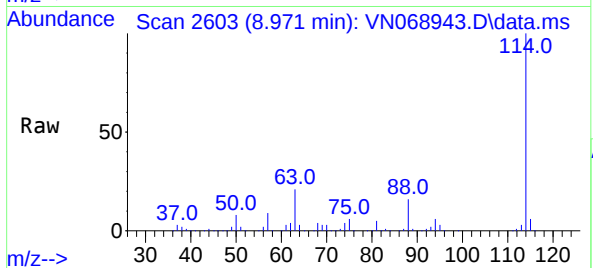


#34

1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 8.971 min Scan# 2603  
Delta R.T. 0.003 min  
Lab File: VN068943.D  
Acq: 15 Oct 2021 12:22

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1015WBL01

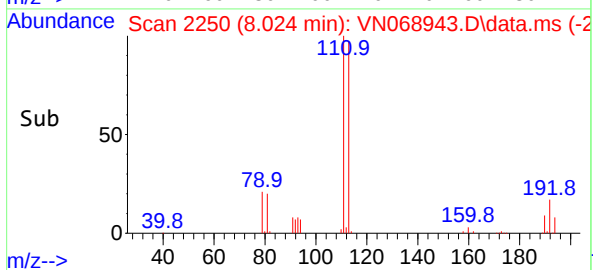
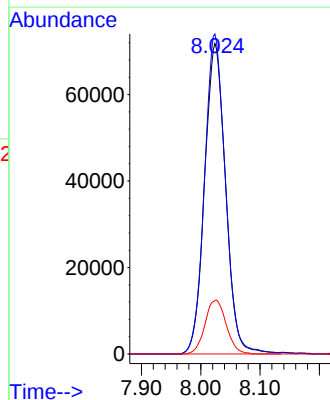
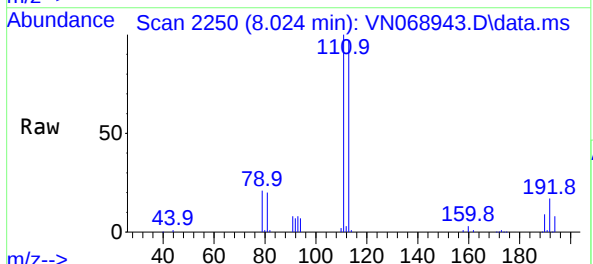
Tgt Ion:114 Resp: 591211  
Ion Ratio Lower Upper  
114 100  
63 20.9 0.0 42.6  
88 15.7 0.0 32.0

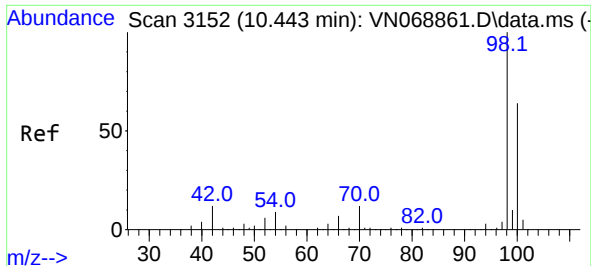


#35

Dibromofluoromethane  
Concen: 51.489 ug/l  
RT: 8.024 min Scan# 2250  
Delta R.T. 0.003 min  
Lab File: VN068943.D  
Acq: 15 Oct 2021 12:22

Tgt Ion:113 Resp: 177108  
Ion Ratio Lower Upper  
113 100  
111 102.0 83.2 124.8  
192 17.5 15.0 22.4

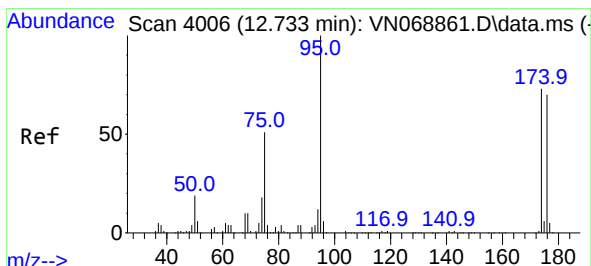
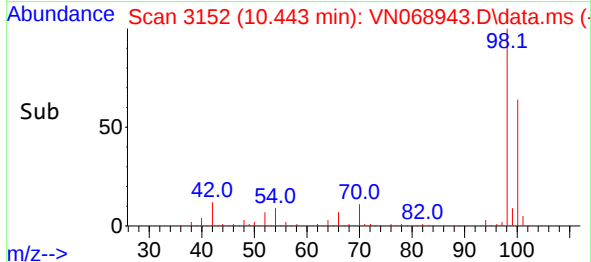
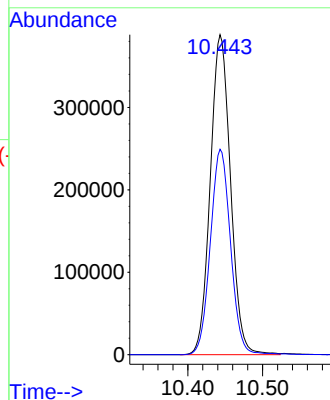
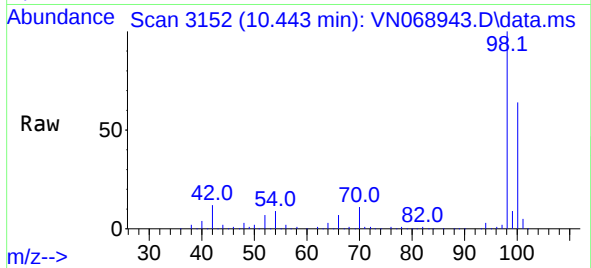




#50  
Toluene-d8  
Concen: 53.010 ug/l  
RT: 10.443 min Scan# 3152  
Delta R.T. -0.000 min  
Lab File: VN068943.D  
Acq: 15 Oct 2021 12:22

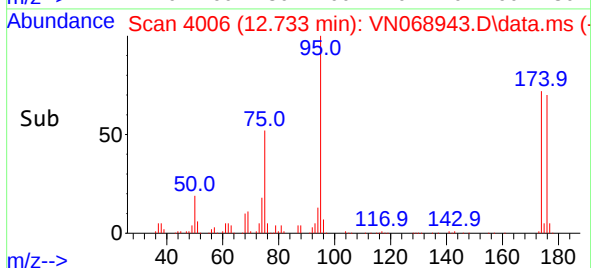
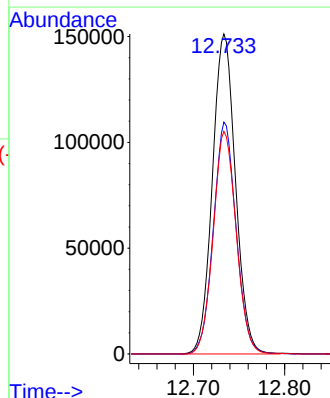
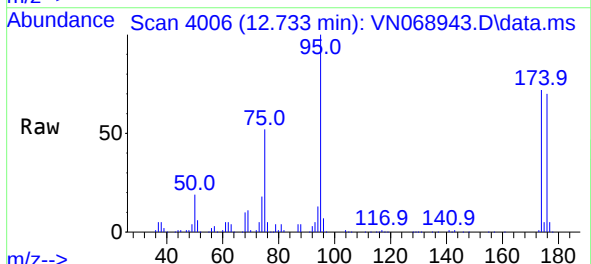
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1015WBL01

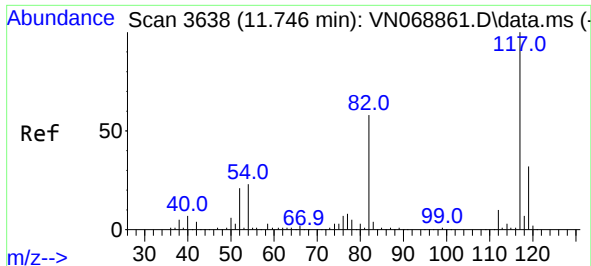
Tgt Ion: 98 Resp: 729566  
Ion Ratio Lower Upper  
98 100  
100 64.2 51.5 77.3



#62  
4-Bromofluorobenzene  
Concen: 51.252 ug/l  
RT: 12.733 min Scan# 4006  
Delta R.T. -0.000 min  
Lab File: VN068943.D  
Acq: 15 Oct 2021 12:22

Tgt Ion: 95 Resp: 266132  
Ion Ratio Lower Upper  
95 100  
174 71.2 0.0 144.8  
176 69.2 0.0 140.0

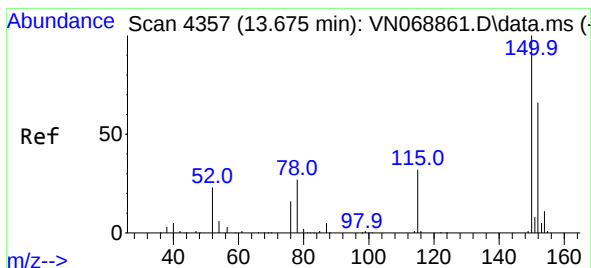
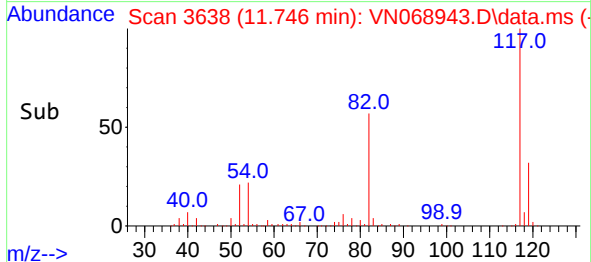
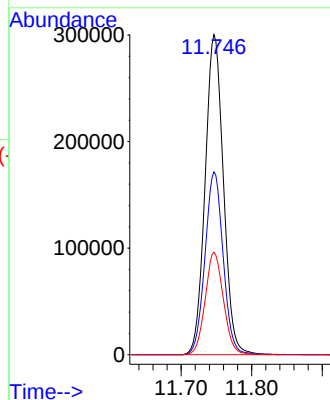
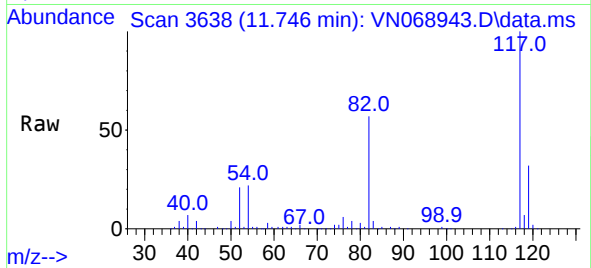




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.746 min Scan# 3638  
Delta R.T. -0.000 min  
Lab File: VN068943.D  
Acq: 15 Oct 2021 12:22

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1015WBL01

Tgt Ion:117 Resp: 542067  
Ion Ratio Lower Upper  
117 100  
82 57.2 46.4 69.6  
119 32.0 26.0 39.0



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.677 min Scan# 4358  
Delta R.T. 0.003 min  
Lab File: VN068943.D  
Acq: 15 Oct 2021 12:22

Tgt Ion:152 Resp: 197541  
Ion Ratio Lower Upper  
152 100  
115 64.3 31.4 94.3  
150 158.9 0.0 351.0

