

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN080321\  
 Data File : VN067980.D  
 Acq On : 3 Aug 2021 14:33  
 Operator : JC/MD  
 Sample : M3269-01 50X  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 MW-1

Quant Time: Aug 04 03:38:33 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N072921W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Jul 29 15:02:35 2021  
 Response via : Initial Calibration

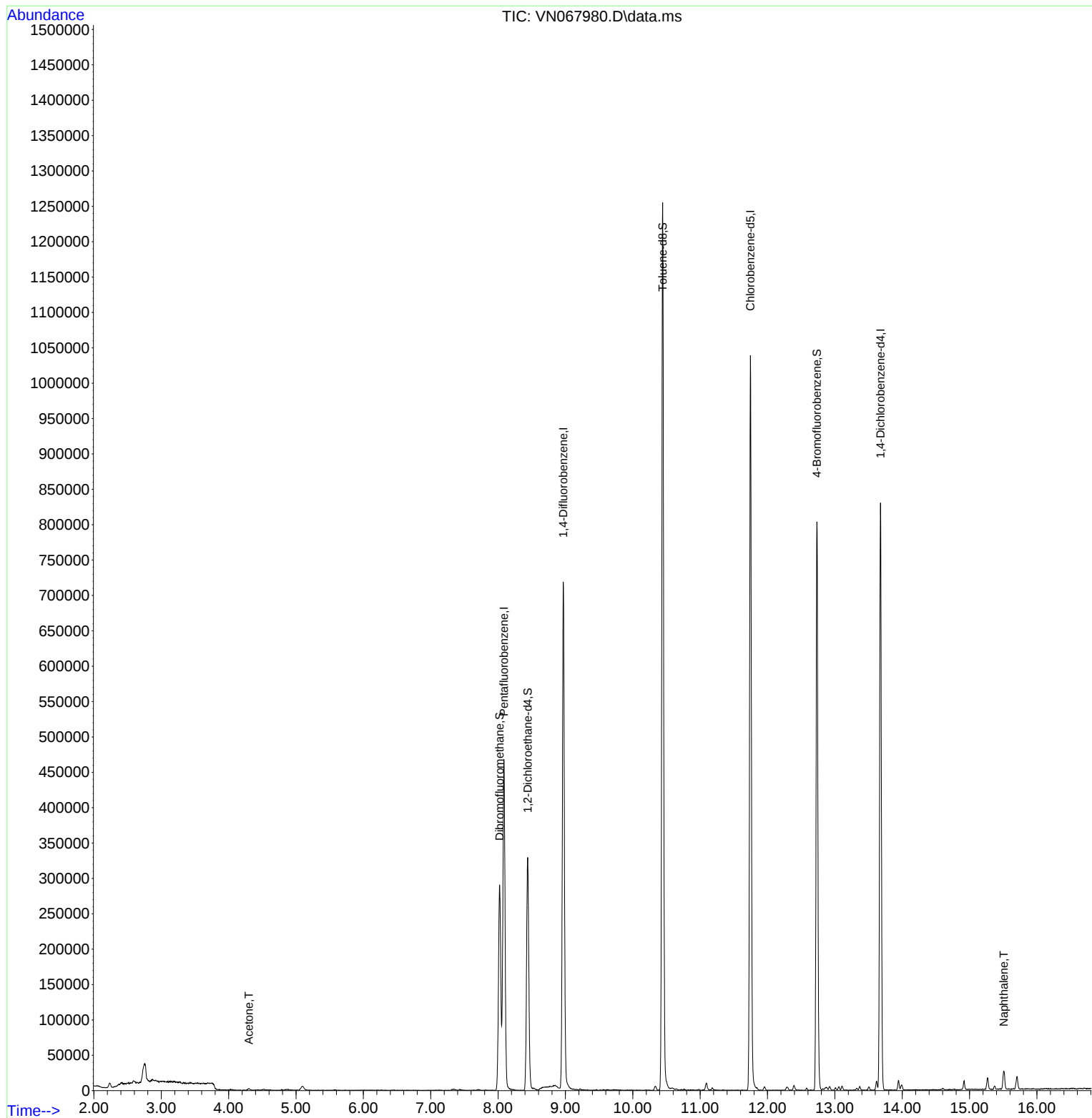
| Compound                    | R.T. QIon      |     | Response | Conc       | Units | Dev(Min) |
|-----------------------------|----------------|-----|----------|------------|-------|----------|
| -----                       |                |     |          |            |       |          |
| Internal Standards          |                |     |          |            |       |          |
| 1) Pentafluorobenzene       | 8.088          | 168 | 334811   | 50.000     | ug/l  | # 0.00   |
| 34) 1,4-Difluorobenzene     | 8.968          | 114 | 636878   | 50.000     | ug/l  | 0.00     |
| 63) Chlorobenzene-d5        | 11.747         | 117 | 612510   | 50.000     | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.678         | 152 | 216741   | 50.000     | ug/l  | 0.00     |
| System Monitoring Compounds |                |     |          |            |       |          |
| 33) 1,2-Dichloroethane-d4   | 8.440          | 65  | 280464   | 59.172     | ug/l  | 0.00     |
| Spiked Amount 50.000        | Range 61 - 141 |     | Recovery | = 118.340% |       |          |
| 35) Dibromofluoromethane    | 8.021          | 113 | 211693   | 57.035     | ug/l  | 0.00     |
| Spiked Amount 50.000        | Range 69 - 133 |     | Recovery | = 114.080% |       |          |
| 50) Toluene-d8              | 10.443         | 98  | 881667   | 51.357     | ug/l  | 0.00     |
| Spiked Amount 50.000        | Range 65 - 126 |     | Recovery | = 102.720% |       |          |
| 62) 4-Bromofluorobenzene    | 12.734         | 95  | 286681   | 46.149     | ug/l  | 0.00     |
| Spiked Amount 50.000        | Range 58 - 135 |     | Recovery | = 92.300%  |       |          |
| Target Compounds            |                |     |          |            |       |          |
|                             |                |     |          |            |       | Qvalue   |
| 16) Acetone                 | 4.299          | 43  | 3146     | 1.819      | ug/l  | 95       |
| 95) Naphthalene             | 15.507         | 128 | 24507    | 5.663      | ug/l  | 99       |
| -----                       |                |     |          |            |       |          |

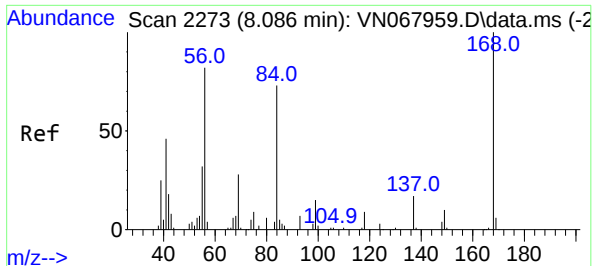
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Jul 29 15:02:35 2021  
Response via : Initial Calibration

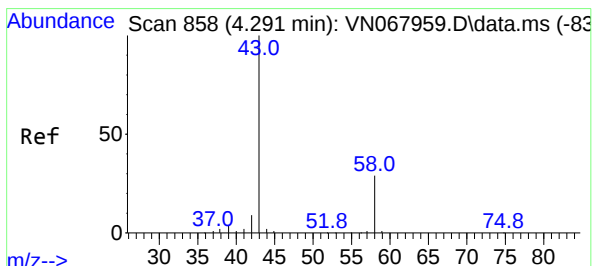
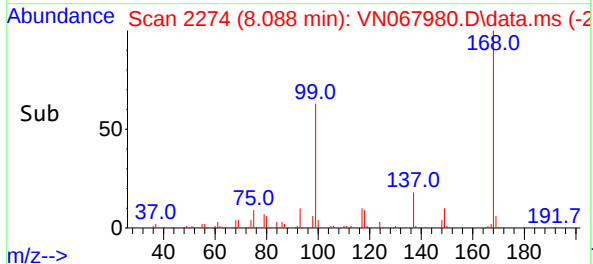
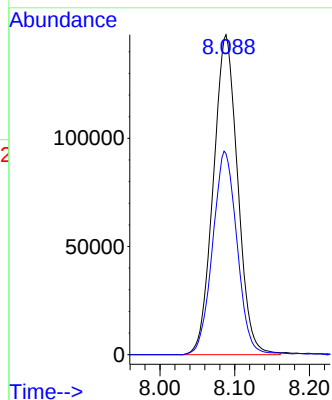
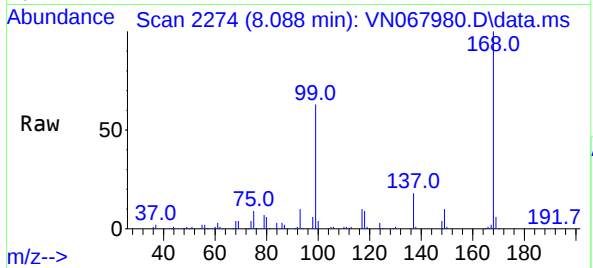




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.088 min Scan# 2274  
Delta R.T. 0.002 min  
Lab File: VN067980.D  
Acq: 3 Aug 2021 14:33

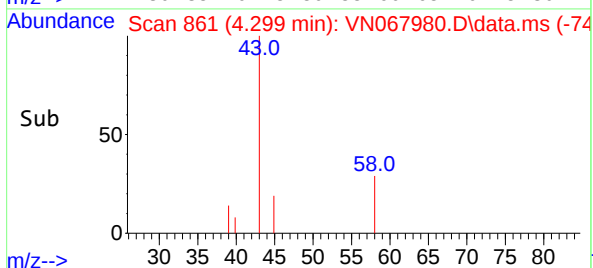
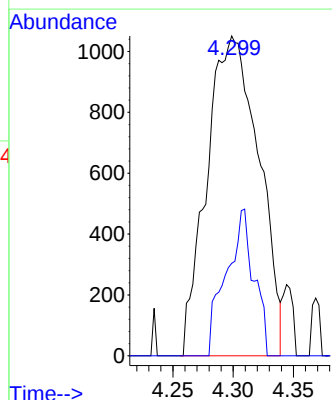
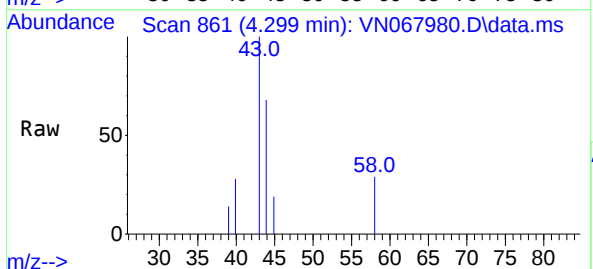
Instrument :  
MSVOA\_N  
ClientSampleId :  
MW-1

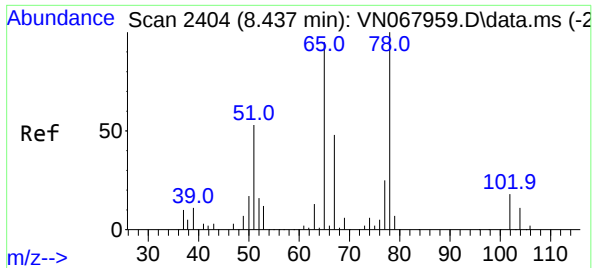
Tgt Ion:168 Resp: 334811  
Ion Ratio Lower Upper  
168 100  
99 62.9 62.9 94.3#



#16  
Acetone  
Concen: 1.819 ug/l  
RT: 4.299 min Scan# 861  
Delta R.T. 0.008 min  
Lab File: VN067980.D  
Acq: 3 Aug 2021 14:33

Tgt Ion: 43 Resp: 3146  
Ion Ratio Lower Upper  
43 100  
58 28.9 21.2 31.8

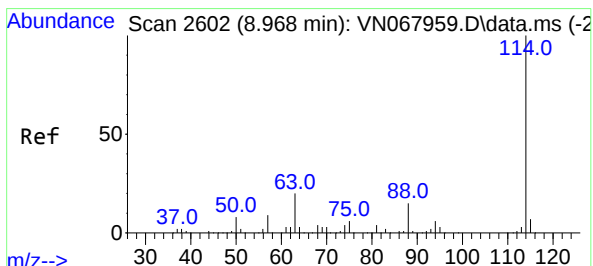
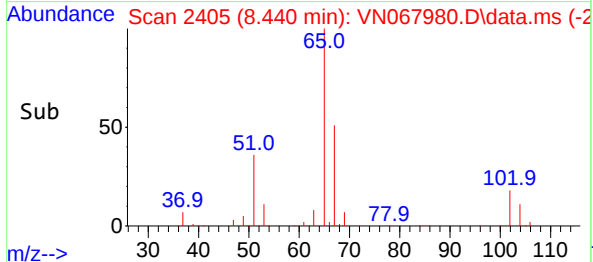
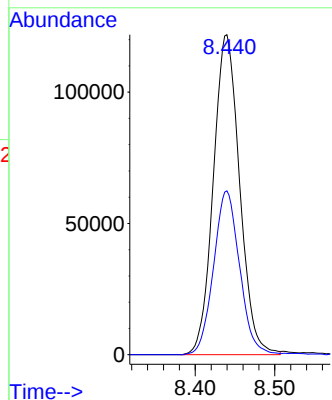
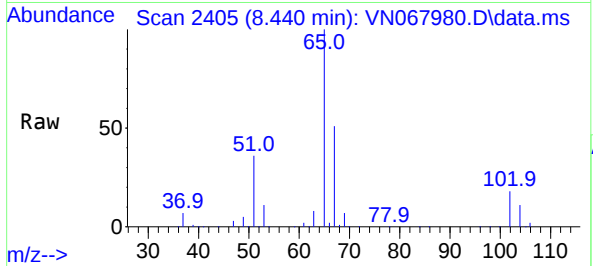




#33  
1,2-Dichloroethane-d4  
Concen: 59.172 ug/l  
RT: 8.440 min Scan# 2405  
Delta R.T. 0.003 min  
Lab File: VN067980.D  
Acq: 3 Aug 2021 14:33

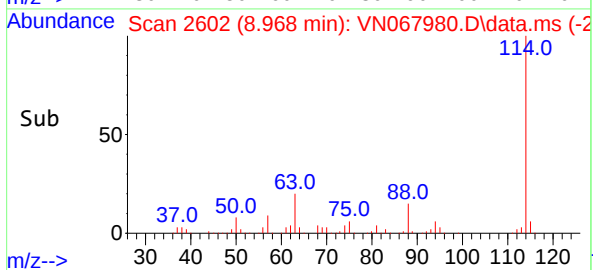
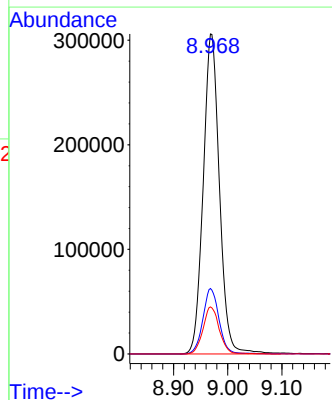
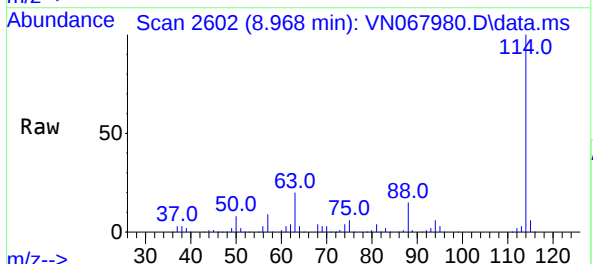
Instrument :  
MSVOA\_N  
ClientSampled :  
MW-1

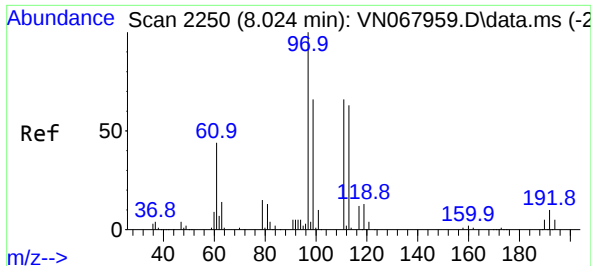
Tgt Ion: 65 Resp: 280464  
Ion Ratio Lower Upper  
65 100  
67 50.6 0.0 98.6



#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 8.968 min Scan# 2602  
Delta R.T. 0.000 min  
Lab File: VN067980.D  
Acq: 3 Aug 2021 14:33

Tgt Ion: 114 Resp: 636878  
Ion Ratio Lower Upper  
114 100  
63 20.5 0.0 49.0  
88 14.7 0.0 36.6

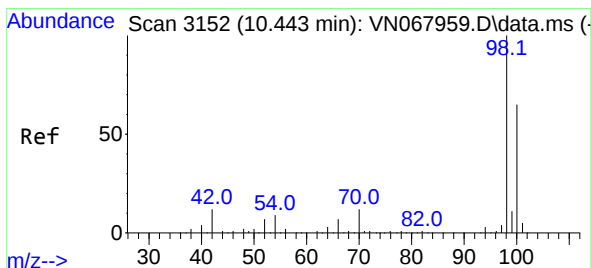
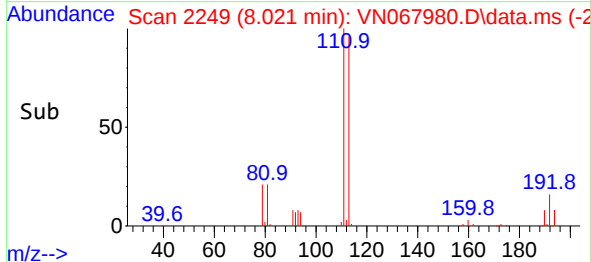
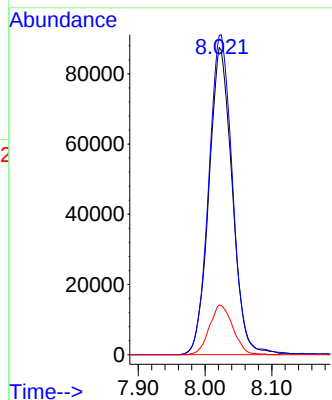
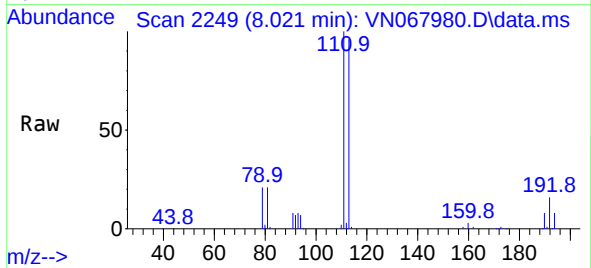




#35  
Dibromofluoromethane  
Concen: 57.035 ug/l  
RT: 8.021 min Scan# 2249  
Delta R.T. -0.003 min  
Lab File: VN067980.D  
Acq: 3 Aug 2021 14:33

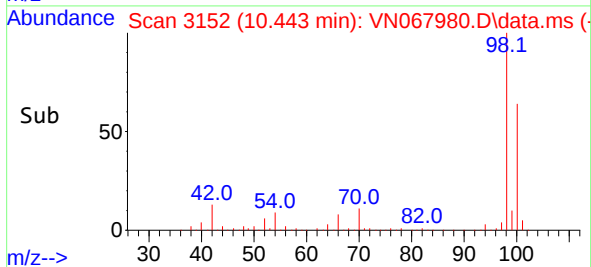
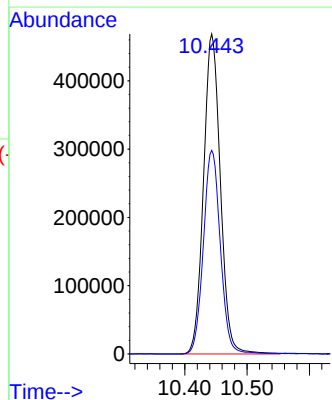
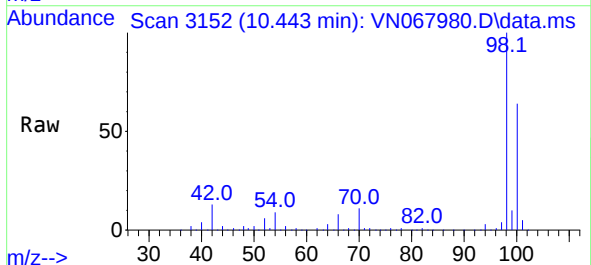
Instrument :  
MSVOA\_N  
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MW-1

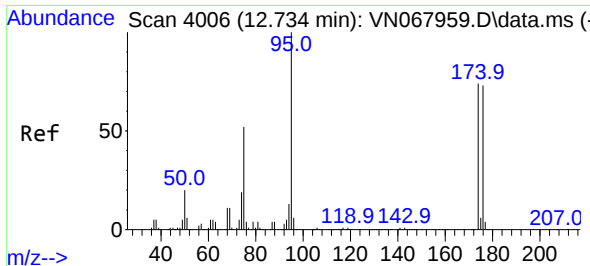
Tgt Ion:113 Resp: 211693  
Ion Ratio Lower Upper  
113 100  
111 105.8 83.8 125.8  
192 16.3 13.4 20.0



#50  
Toluene-d8  
Concen: 51.357 ug/l  
RT: 10.443 min Scan# 3152  
Delta R.T. 0.000 min  
Lab File: VN067980.D  
Acq: 3 Aug 2021 14:33

Tgt Ion: 98 Resp: 881667  
Ion Ratio Lower Upper  
98 100  
100 63.8 51.7 77.5

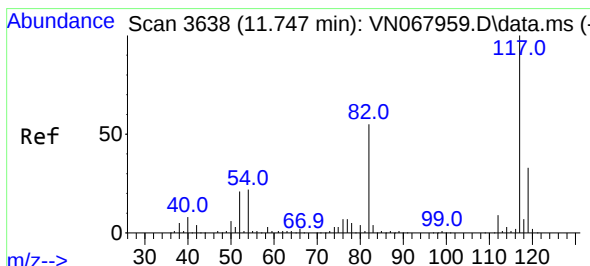
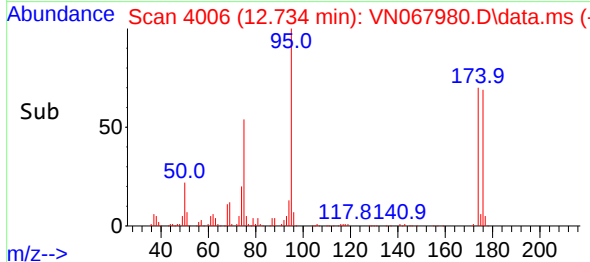
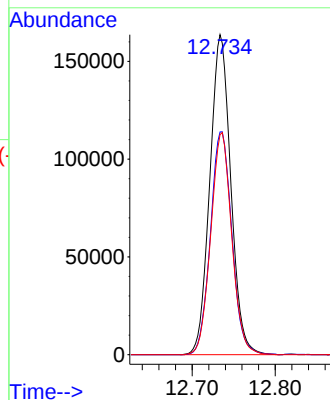
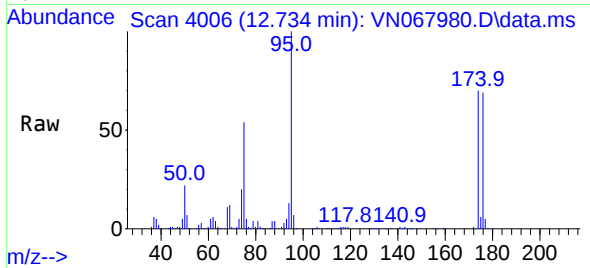




#62  
4-Bromofluorobenzene  
Concen: 46.149 ug/l  
RT: 12.734 min Scan# 4006  
Delta R.T. -0.000 min  
Lab File: VN067980.D  
Acq: 3 Aug 2021 14:33

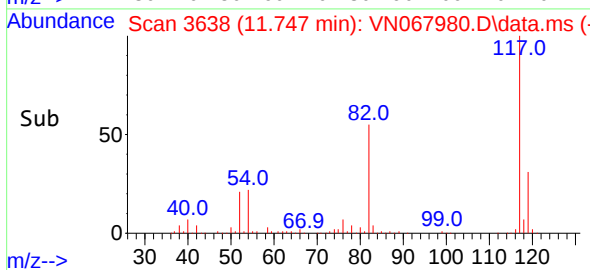
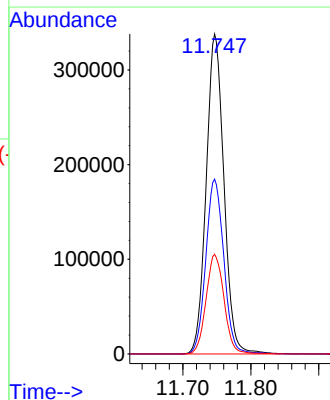
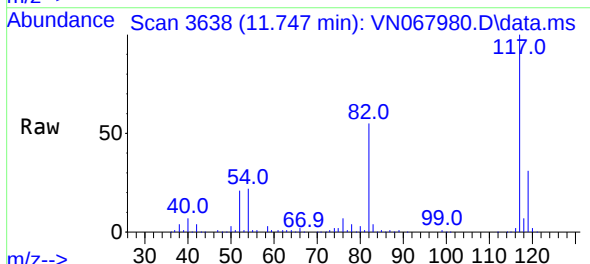
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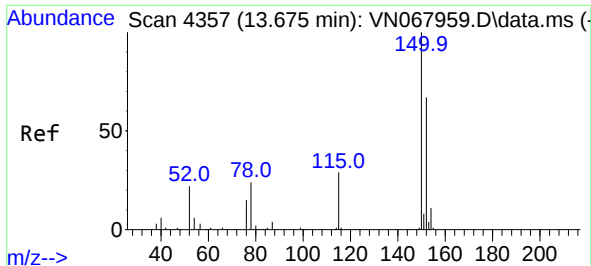
Tgt Ion: 95 Resp: 286681  
Ion Ratio Lower Upper  
95 100  
174 71.3 0.0 122.0  
176 69.5 0.0 117.6



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.747 min Scan# 3638  
Delta R.T. -0.000 min  
Lab File: VN067980.D  
Acq: 3 Aug 2021 14:33

Tgt Ion: 117 Resp: 612510  
Ion Ratio Lower Upper  
117 100  
82 54.7 53.1 79.7  
119 31.2 25.5 38.3

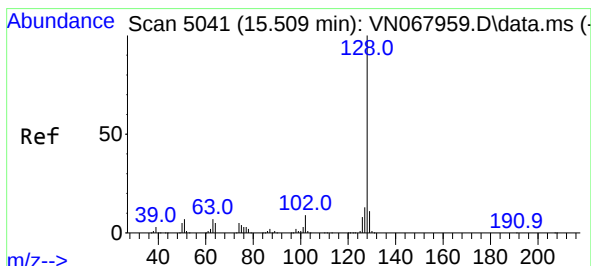
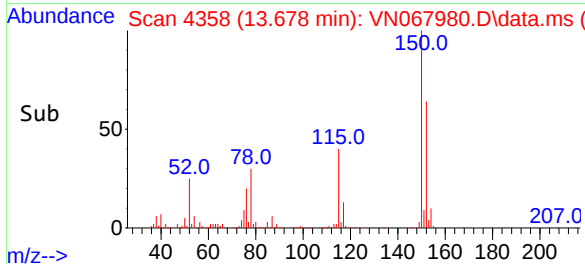
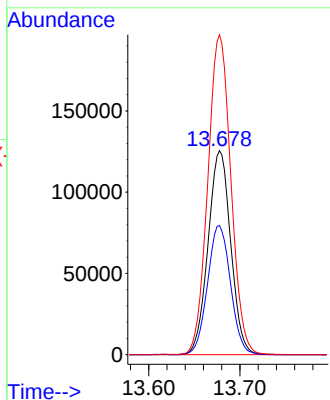
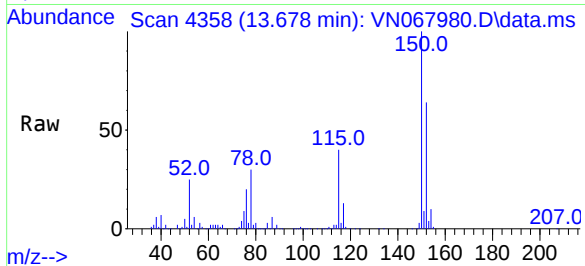




#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.678 min Scan# 4358  
Delta R.T. 0.003 min  
Lab File: VN067980.D  
Acq: 3 Aug 2021 14:33

Instrument :  
MSVOA\_N  
ClientSampled :  
MW-1

Tgt Ion:152 Resp: 216741  
Ion Ratio Lower Upper  
152 100  
115 64.3 36.1 108.5  
150 159.9 0.0 351.8



#95  
Naphthalene  
Concen: 5.663 ug/l  
RT: 15.507 min Scan# 5040  
Delta R.T. -0.002 min  
Lab File: VN067980.D  
Acq: 3 Aug 2021 14:33

Tgt Ion:128 Resp: 24507  
Ion Ratio Lower Upper  
128 100  
127 12.5 10.6 15.8  
129 10.5 8.6 12.8

