

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN122921\  
 Data File : VN070350.D  
 Acq On : 29 Dec 2021 15:50  
 Operator : JC/MD  
 Sample : M5115-05  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 MW-5

Quant Time: Dec 30 01:50:53 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N122721W.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Dec 27 18:47:12 2021  
 Response via : Initial Calibration

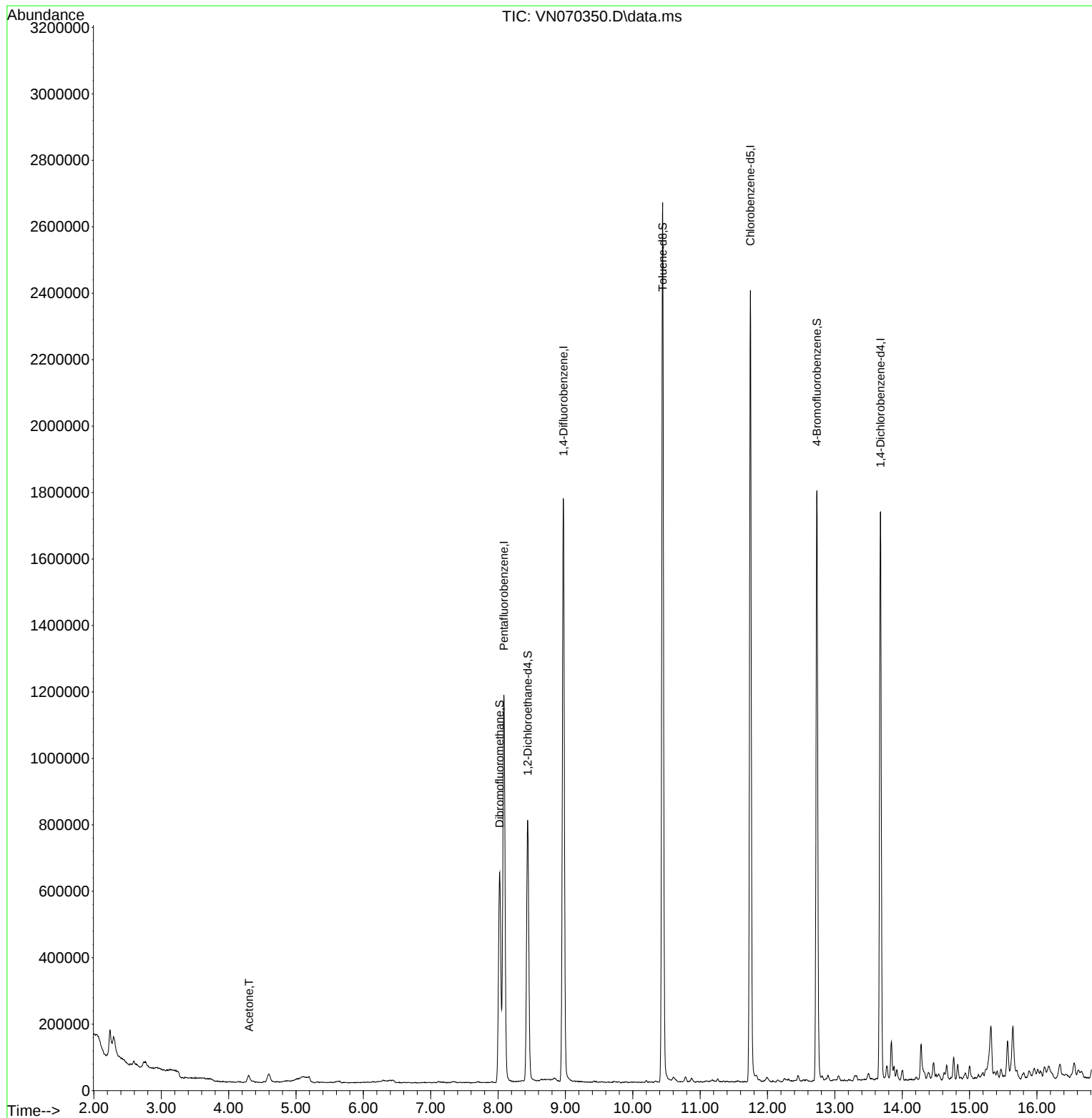
| Compound                    | R.T.   | QIon  | Response | Conc     | Units | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|-------|----------|
| -----                       |        |       |          |          |       |          |
| Internal Standards          |        |       |          |          |       |          |
| 1) Pentafluorobenzene       | 8.086  | 168   | 886420   | 50.000   | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.971  | 114   | 1512641  | 50.000   | ug/l  | 0.00     |
| 63) Chlorobenzene-d5        | 11.747 | 117   | 1354229  | 50.000   | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.678 | 152   | 468307   | 50.000   | ug/l  | 0.00     |
| System Monitoring Compounds |        |       |          |          |       |          |
| 33) 1,2-Dichloroethane-d4   | 8.440  | 65    | 670333   | 52.596   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 61 - 141 | Recovery | =     | 105.200% |
| 35) Dibromofluoromethane    | 8.024  | 113   | 472510   | 51.628   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 69 - 133 | Recovery | =     | 103.260% |
| 50) Toluene-d8              | 10.443 | 98    | 1801073  | 48.173   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 65 - 126 | Recovery | =     | 96.340%  |
| 62) 4-Bromofluorobenzene    | 12.734 | 95    | 633715   | 46.929   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 58 - 135 | Recovery | =     | 93.860%  |
| Target Compounds            |        |       |          |          |       |          |
|                             |        |       |          |          |       | Qvalue   |
| 16) Acetone                 | 4.301  | 43    | 34708    | 4.195    | ug/l  | 100      |
| -----                       |        |       |          |          |       |          |

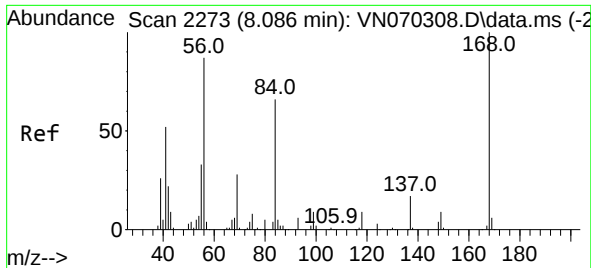
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN122921\  
Data File : VN070350.D  
Acq On : 29 Dec 2021 15:50  
Operator : JC/MD  
Sample : M5115-05  
Misc : 5.00mL/MSVOA\_N/WATER  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
MW-5

Quant Time: Dec 30 01:50:53 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N122721W.M  
Quant Title : SW846 8260  
QLast Update : Mon Dec 27 18:47:12 2021  
Response via : Initial Calibration

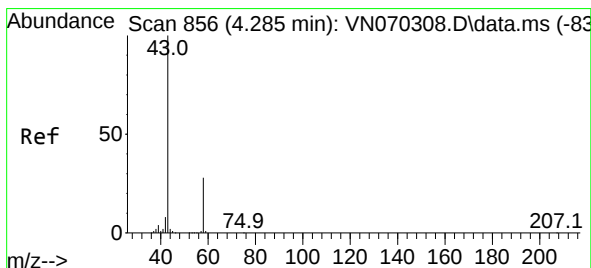
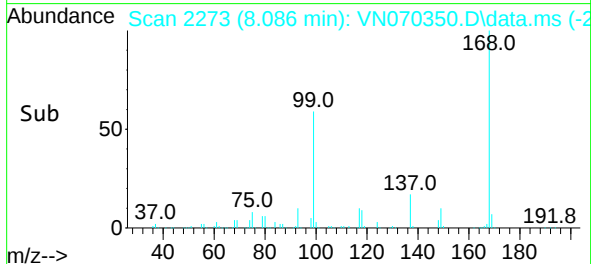
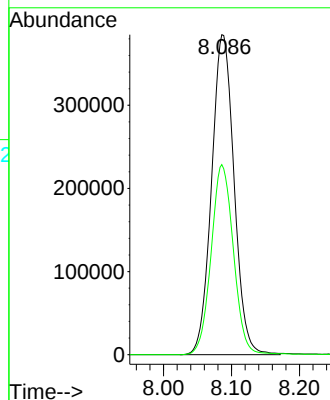
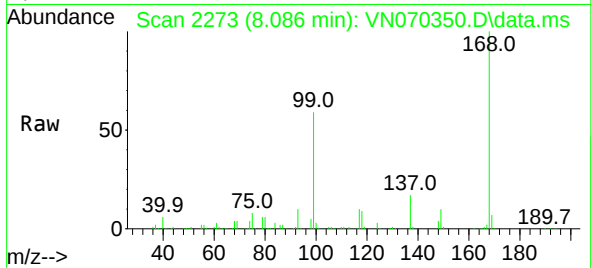




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.086 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: VN070350.D  
Acq: 29 Dec 2021 15:50

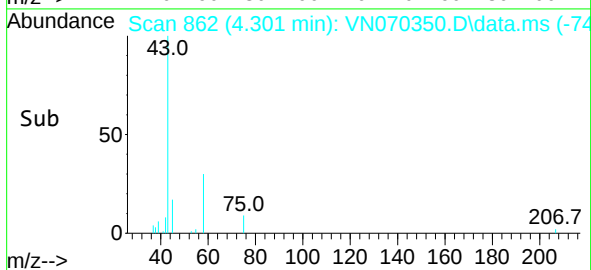
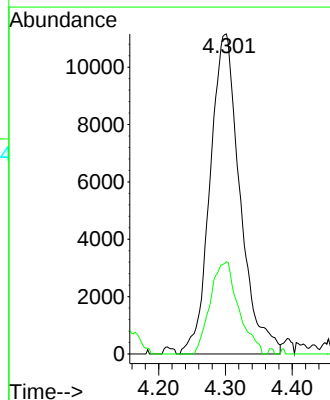
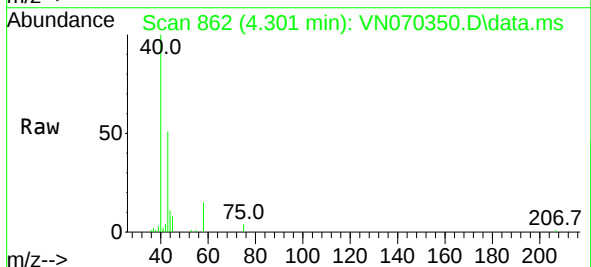
Instrument :  
MSVOA\_N  
ClientSampleId :  
MW-5

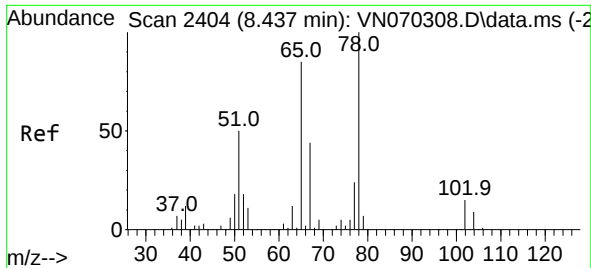
Tgt Ion:168 Resp: 886420  
Ion Ratio Lower Upper  
168 100  
99 59.4 41.3 61.9



#16  
Acetone  
Concen: 4.195 ug/l  
RT: 4.301 min Scan# 862  
Delta R.T. 0.016 min  
Lab File: VN070350.D  
Acq: 29 Dec 2021 15:50

Tgt Ion: 43 Resp: 34708  
Ion Ratio Lower Upper  
43 100  
58 28.9 23.1 34.7

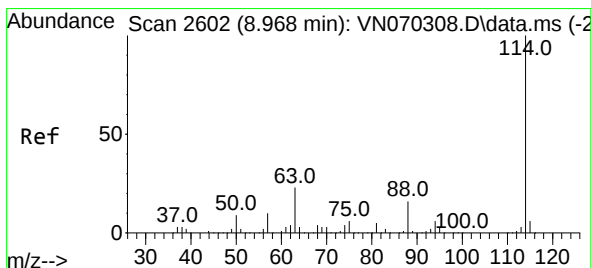
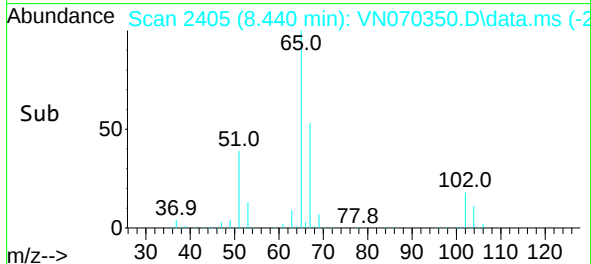
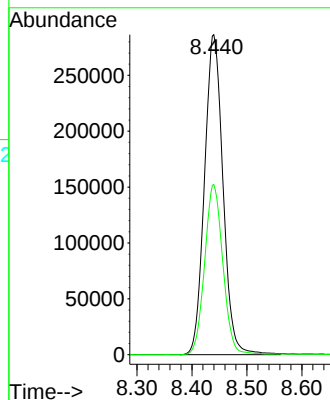
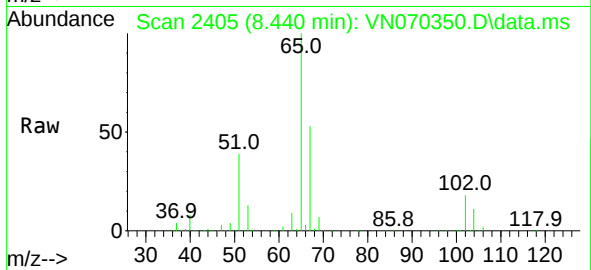




#33  
 1,2-Dichloroethane-d4  
 Concen: 52.596 ug/l  
 RT: 8.440 min Scan# 2405  
 Delta R.T. 0.003 min  
 Lab File: VN070350.D  
 Acq: 29 Dec 2021 15:50

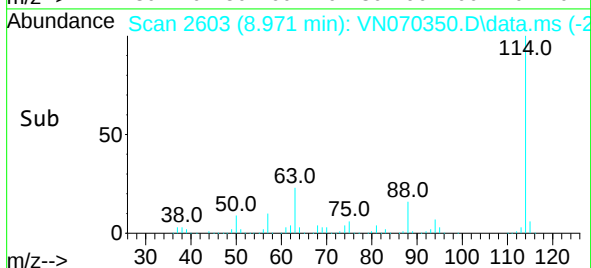
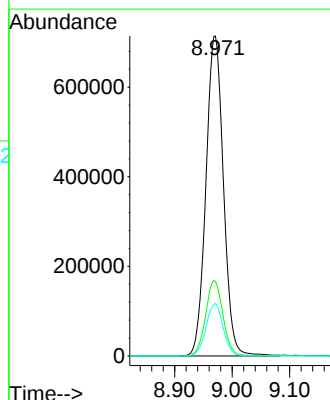
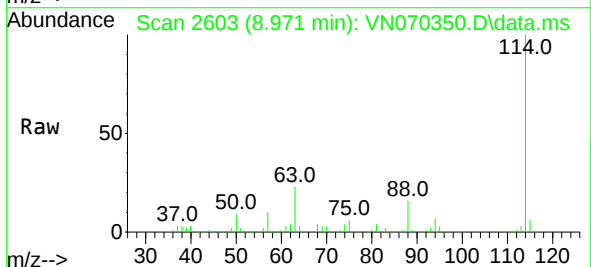
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 MW-5

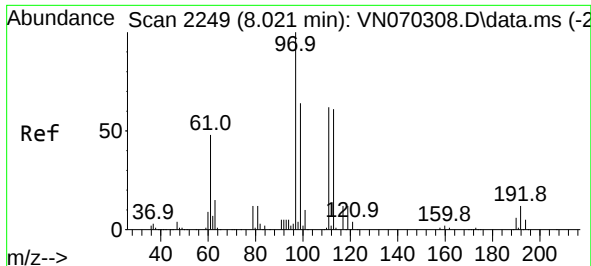
Tgt Ion: 65 Resp: 670333  
 Ion Ratio Lower Upper  
 65 100  
 67 52.2 0.0 103.0



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.971 min Scan# 2603  
 Delta R.T. 0.003 min  
 Lab File: VN070350.D  
 Acq: 29 Dec 2021 15:50

Tgt Ion: 114 Resp: 1512641  
 Ion Ratio Lower Upper  
 114 100  
 63 23.3 0.0 37.8  
 88 16.4 0.0 27.4

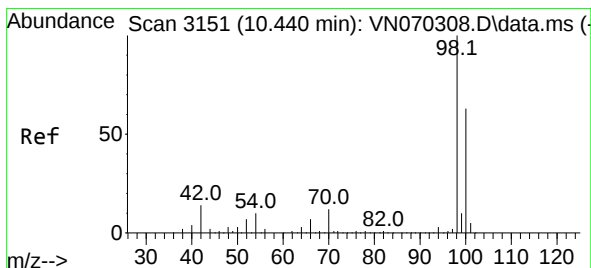
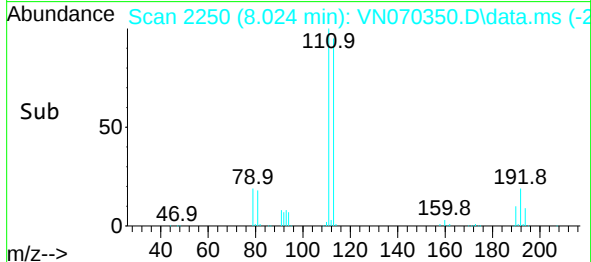
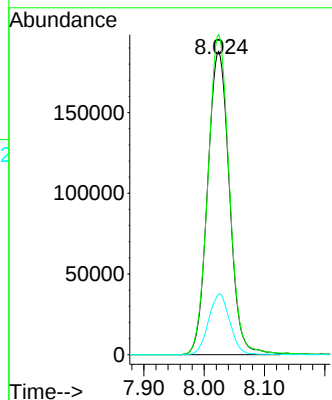
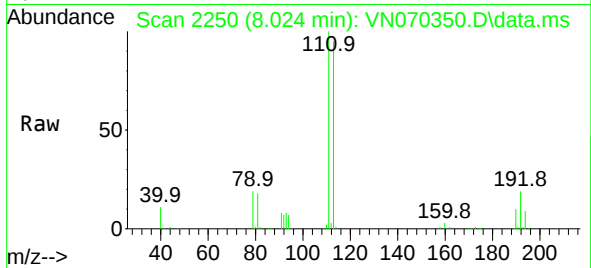




#35  
 Dibromofluoromethane  
 Concen: 51.628 ug/l  
 RT: 8.024 min Scan# 21  
 Delta R.T. 0.003 min  
 Lab File: VN070350.D  
 Acq: 29 Dec 2021 15:50

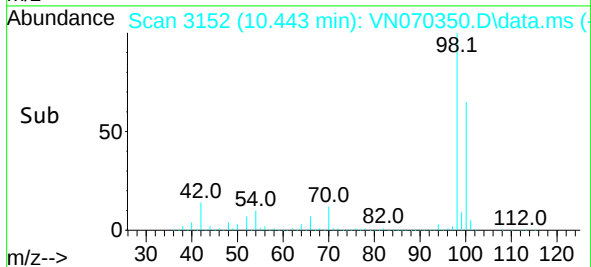
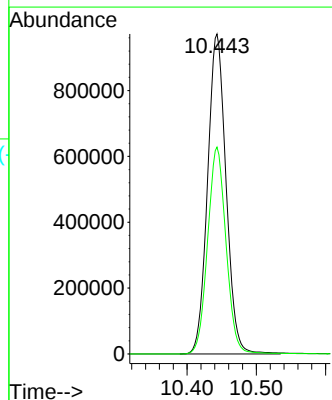
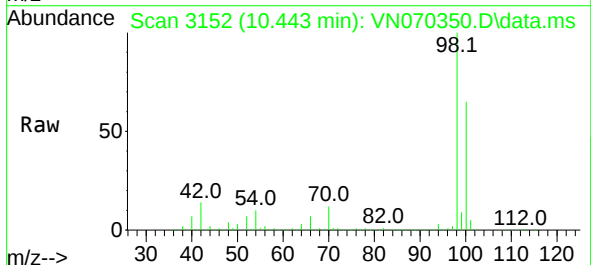
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 MW-5

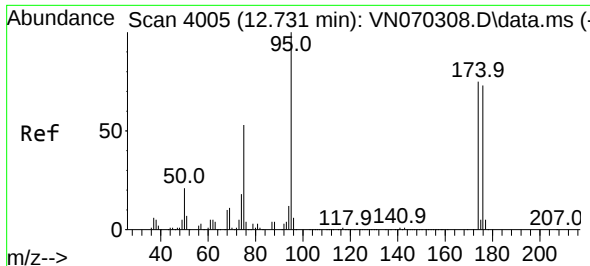
Tgt Ion:113 Resp: 472510  
 Ion Ratio Lower Upper  
 113 100  
 111 103.7 82.2 123.2  
 192 19.5 16.9 25.3



#50  
 Toluene-d8  
 Concen: 48.173 ug/l  
 RT: 10.443 min Scan# 3152  
 Delta R.T. 0.003 min  
 Lab File: VN070350.D  
 Acq: 29 Dec 2021 15:50

Tgt Ion: 98 Resp: 1801073  
 Ion Ratio Lower Upper  
 98 100  
 100 64.4 50.4 75.6

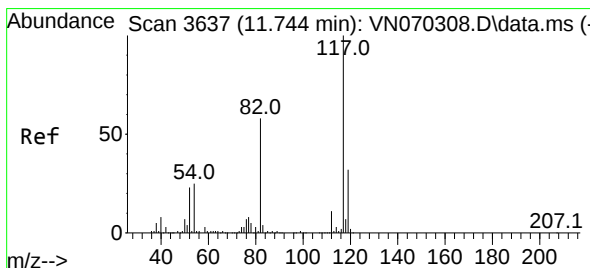
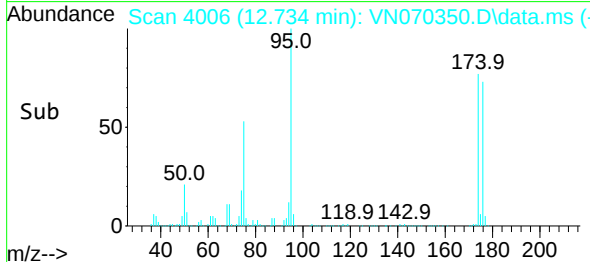
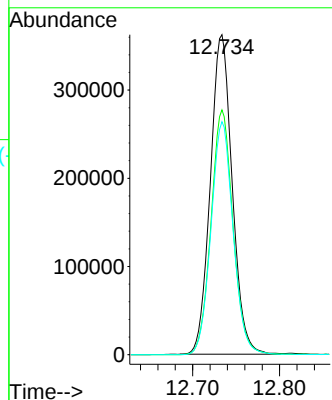
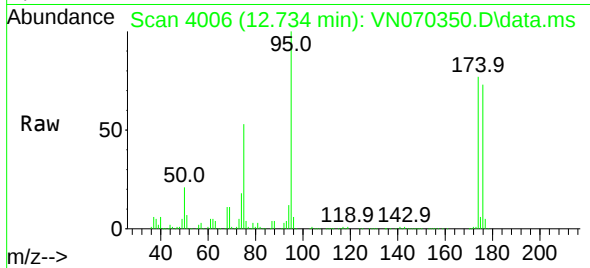




#62  
4-Bromofluorobenzene  
Concen: 46.929 ug/l  
RT: 12.734 min Scan# 4005  
Delta R.T. 0.003 min  
Lab File: VN070350.D  
Acq: 29 Dec 2021 15:50

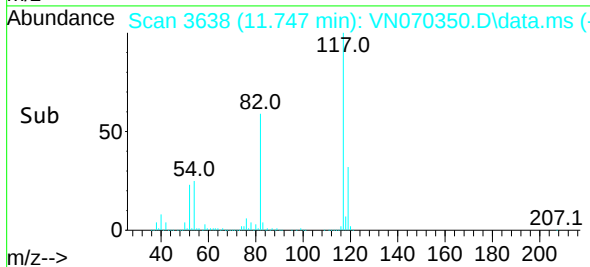
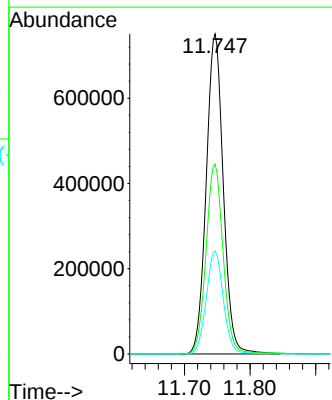
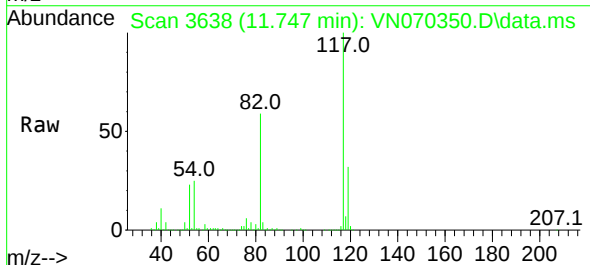
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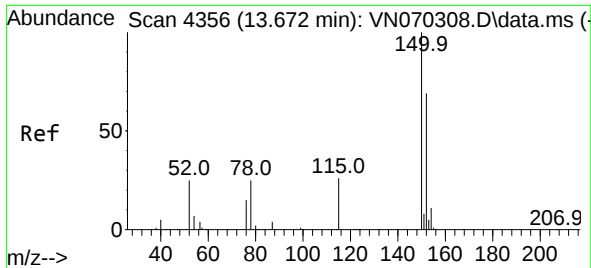
Tgt Ion: 95 Resp: 633715  
Ion Ratio Lower Upper  
95 100  
174 77.1 0.0 187.2  
176 73.7 0.0 181.4



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.747 min Scan# 3638  
Delta R.T. 0.003 min  
Lab File: VN070350.D  
Acq: 29 Dec 2021 15:50

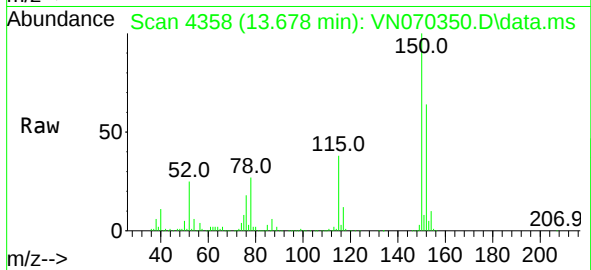
Tgt Ion: 117 Resp: 1354229  
Ion Ratio Lower Upper  
117 100  
82 59.3 42.4 63.6  
119 32.2 25.4 38.2





#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 13.678 min Scan# 41  
 Delta R.T. 0.006 min  
 Lab File: VN070350.D  
 Acq: 29 Dec 2021 15:50

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 MW-5



Tgt Ion:152 Resp: 468307  
 Ion Ratio Lower Upper  
 152 100  
 115 60.4 27.5 82.5  
 150 157.5 0.0 344.4

