

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN123021\  
 Data File : VN070403.D  
 Acq On : 30 Dec 2021 16:49  
 Operator : JC/MD  
 Sample : M5212-02  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 MW-50DA

Quant Time: Dec 31 05:20:43 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

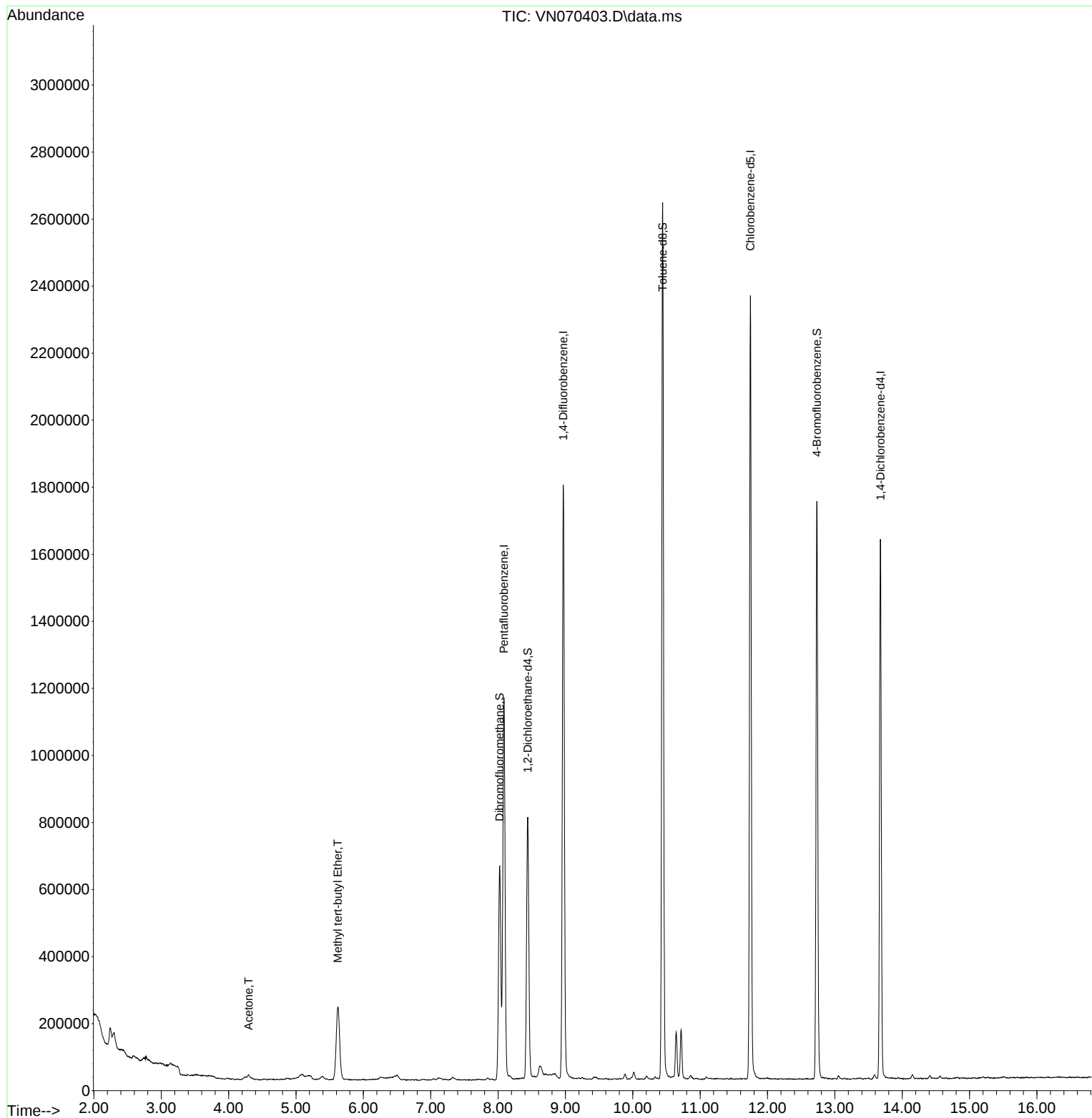
| Compound                    | R.T. QIon |       | Response | Conc     | Units      | Dev(Min) |
|-----------------------------|-----------|-------|----------|----------|------------|----------|
| -----                       |           |       |          |          |            |          |
| Internal Standards          |           |       |          |          |            |          |
| 1) Pentafluorobenzene       | 8.088     | 168   | 877717   | 50.000   | ug/l       | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.968     | 114   | 1508246  | 50.000   | ug/l       | 0.00     |
| 63) Chlorobenzene-d5        | 11.747    | 117   | 1338129  | 50.000   | ug/l       | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.678    | 152   | 436055   | 50.000   | ug/l       | 0.00     |
|                             |           |       |          |          |            |          |
| System Monitoring Compounds |           |       |          |          |            |          |
| 33) 1,2-Dichloroethane-d4   | 8.440     | 65    | 667967   | 52.930   | ug/l       | 0.00     |
| Spiked Amount               | 50.000    | Range | 61 - 141 | Recovery | = 105.860% |          |
| 35) Dibromofluoromethane    | 8.024     | 113   | 467790   | 51.261   | ug/l       | 0.00     |
| Spiked Amount               | 50.000    | Range | 69 - 133 | Recovery | = 102.520% |          |
| 50) Toluene-d8              | 10.443    | 98    | 1801124  | 48.314   | ug/l       | 0.00     |
| Spiked Amount               | 50.000    | Range | 65 - 126 | Recovery | = 96.620%  |          |
| 62) 4-Bromofluorobenzene    | 12.734    | 95    | 624113   | 46.353   | ug/l       | 0.00     |
| Spiked Amount               | 50.000    | Range | 58 - 135 | Recovery | = 92.700%  |          |
|                             |           |       |          |          |            |          |
| Target Compounds            |           |       |          |          |            | Qvalue   |
| 16) Acetone                 | 4.296     | 43    | 23678    | 2.890    | ug/l       | 90       |
| 19) Methyl tert-butyl Ether | 5.621     | 73    | 332663   | 10.021   | ug/l       | 93       |
| -----                       |           |       |          |          |            |          |

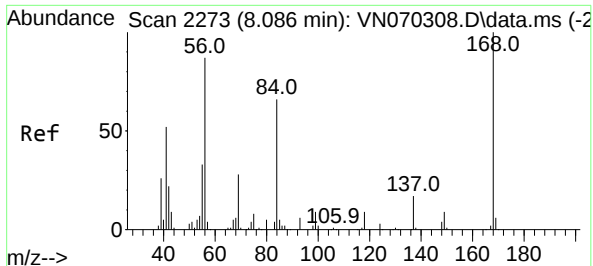
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN123021\  
Data File : VN070403.D  
Acq On : 30 Dec 2021 16:49  
Operator : JC/MD  
Sample : M5212-02  
Misc : 5.00mL/MSVOA\_N/WATER  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
MW-50DA

Quant Time: Dec 31 05:20:43 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

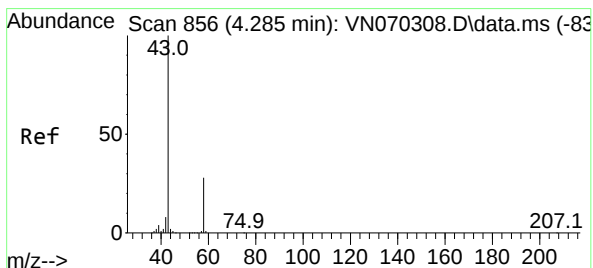
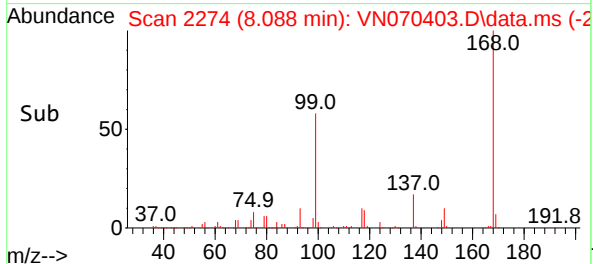
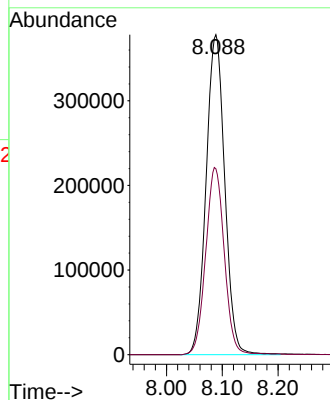
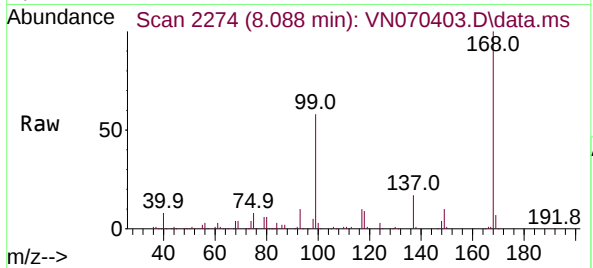




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.088 min Scan# 21  
Delta R.T. 0.002 min  
Lab File: VN070403.D  
Acq: 30 Dec 2021 16:49

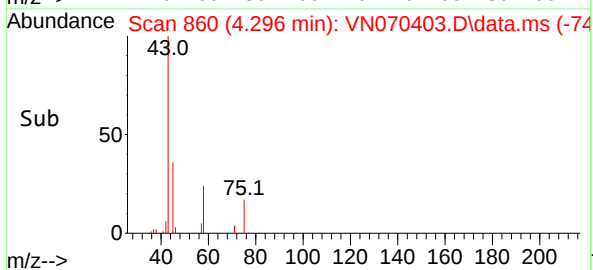
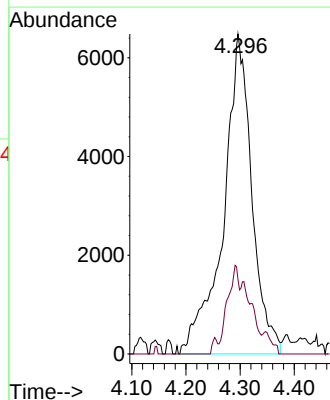
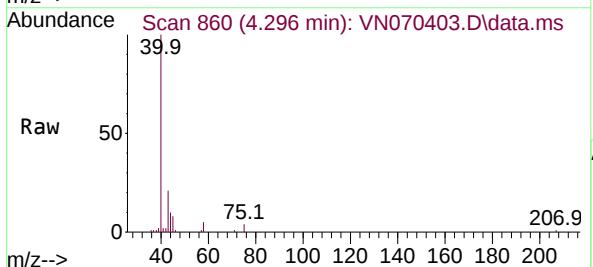
Instrument :  
MSVOA\_N  
ClientSampleId :  
MW-50DA

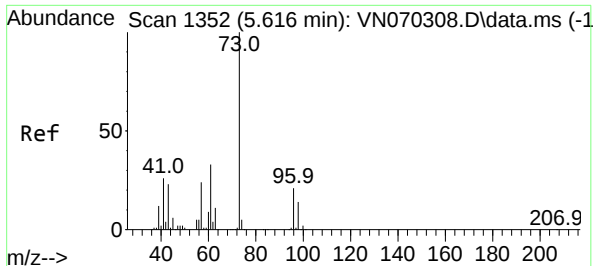
Tgt Ion:168 Resp: 877717  
Ion Ratio Lower Upper  
168 100  
99 58.1 41.3 61.9



#16  
Acetone  
Concen: 2.890 ug/l  
RT: 4.296 min Scan# 860  
Delta R.T. 0.011 min  
Lab File: VN070403.D  
Acq: 30 Dec 2021 16:49

Tgt Ion: 43 Resp: 23678  
Ion Ratio Lower Upper  
43 100  
58 23.3 23.1 34.7





#19

Methyl tert-butyl Ether

Concen: 10.021 ug/l

RT: 5.621 min Scan# 11

Delta R.T. 0.005 min

Lab File: VN070403.D

Acq: 30 Dec 2021 16:49

Instrument :

MSVOA\_N

ClientSampleId :

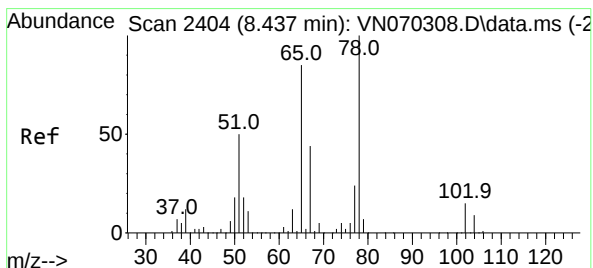
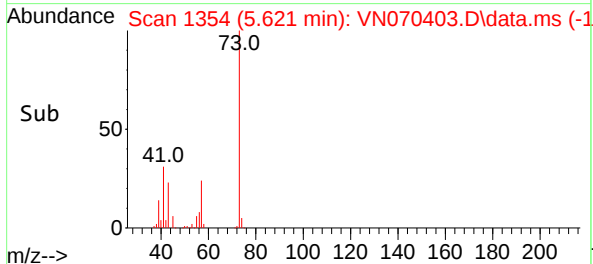
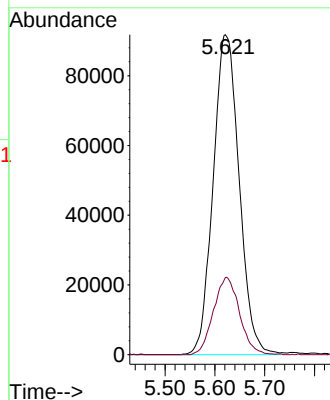
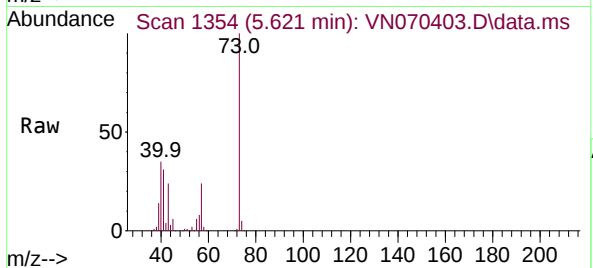
MW-50DA

Tgt Ion: 73 Resp: 332663

Ion Ratio Lower Upper

73 100

57 24.1 16.8 25.2



#33

1,2-Dichloroethane-d4

Concen: 52.930 ug/l

RT: 8.440 min Scan# 2405

Delta R.T. 0.003 min

Lab File: VN070403.D

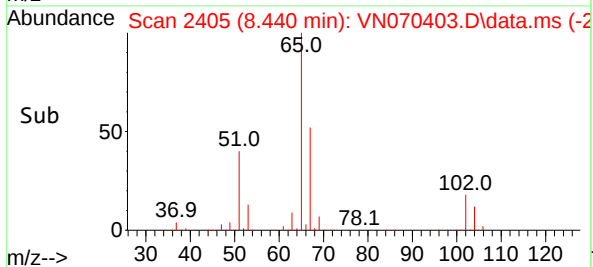
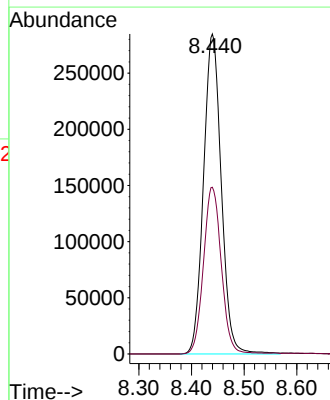
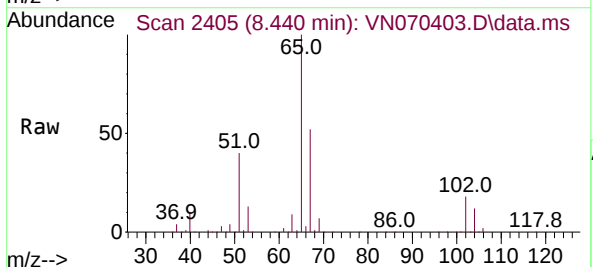
Acq: 30 Dec 2021 16:49

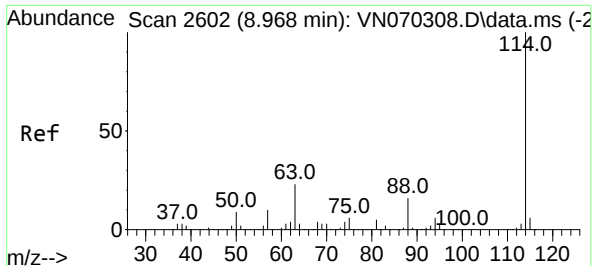
Tgt Ion: 65 Resp: 667967

Ion Ratio Lower Upper

65 100

67 52.3 0.0 103.0

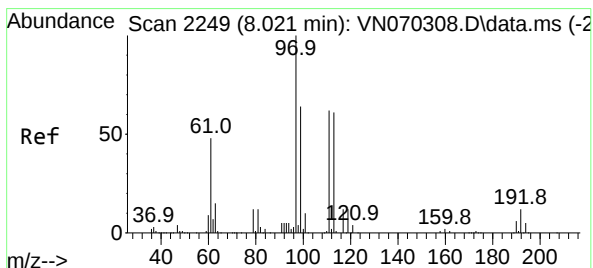
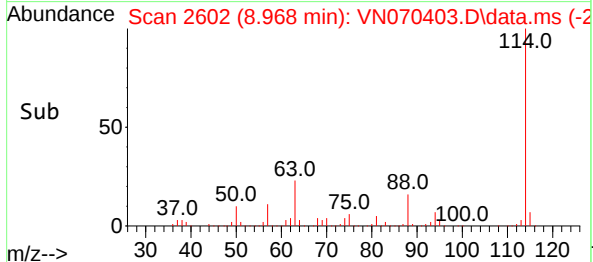
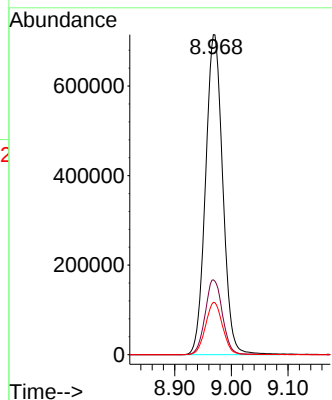
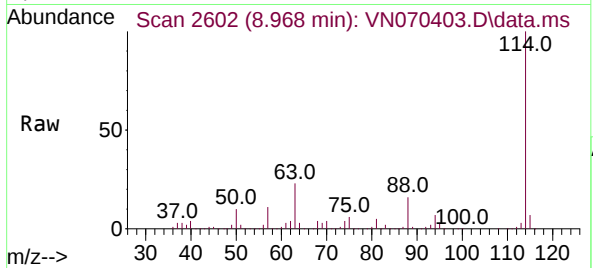




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 8.968 min Scan# 210  
Delta R.T. 0.000 min  
Lab File: VN070403.D  
Acq: 30 Dec 2021 16:49

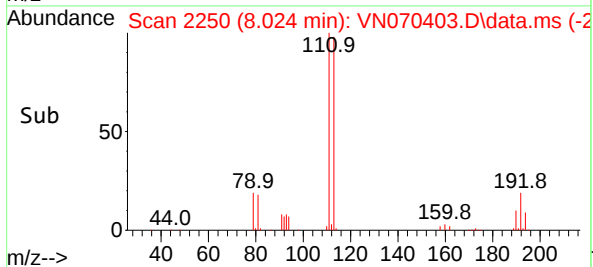
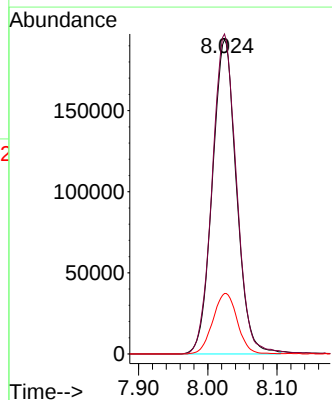
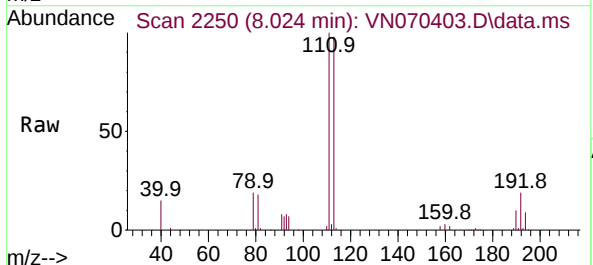
Instrument :  
MSVOA\_N  
ClientSampleId :  
MW-50DA

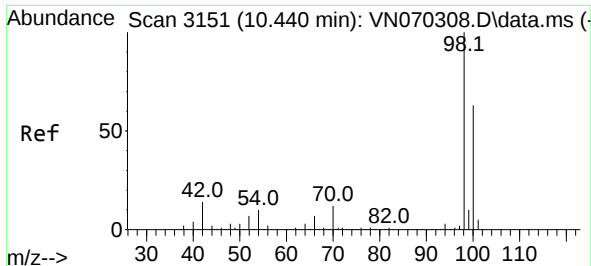
Tgt Ion:114 Resp: 1508246  
Ion Ratio Lower Upper  
114 100  
63 23.4 0.0 37.8  
88 16.4 0.0 27.4



#35  
Dibromofluoromethane  
Concen: 51.261 ug/l  
RT: 8.024 min Scan# 2250  
Delta R.T. 0.003 min  
Lab File: VN070403.D  
Acq: 30 Dec 2021 16:49

Tgt Ion:113 Resp: 467790  
Ion Ratio Lower Upper  
113 100  
111 103.2 82.2 123.2  
192 19.6 16.9 25.3

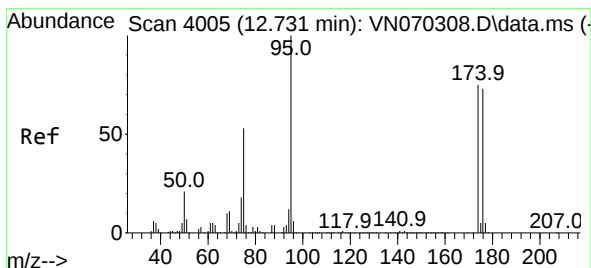
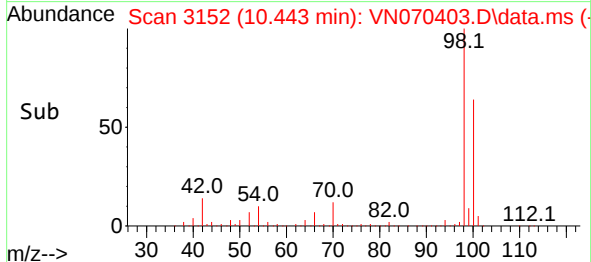
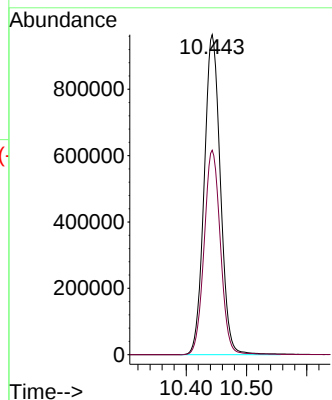
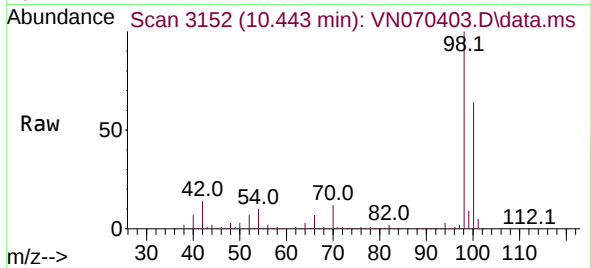




#50  
Toluene-d8  
Concen: 48.314 ug/l  
RT: 10.443 min Scan# 3151  
Delta R.T. 0.003 min  
Lab File: VN070403.D  
Acq: 30 Dec 2021 16:49

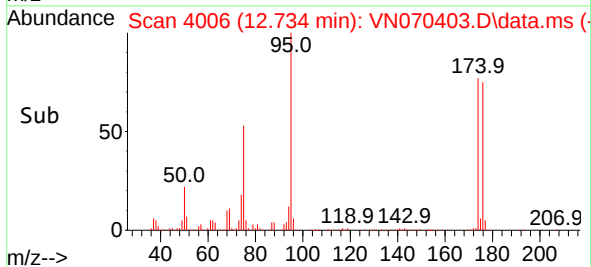
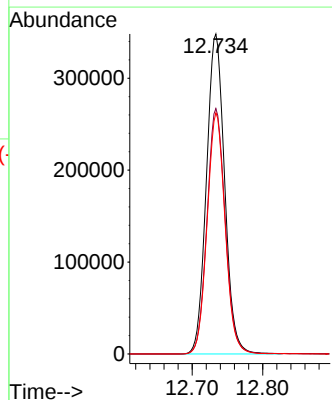
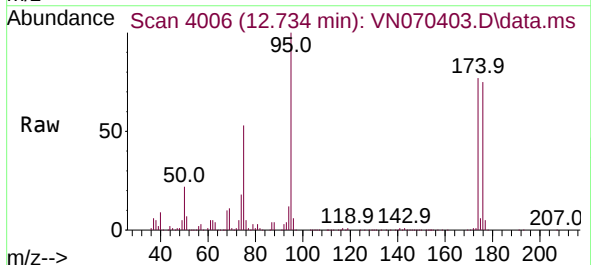
Instrument :  
MSVOA\_N  
ClientSampleId :  
MW-50DA

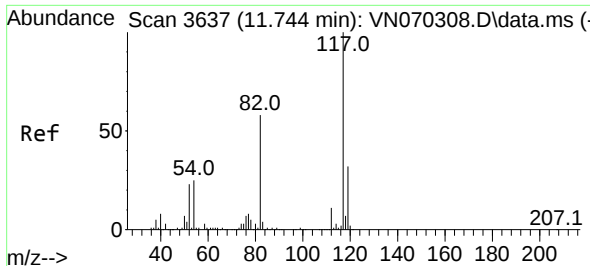
Tgt Ion: 98 Resp: 1801124  
Ion Ratio Lower Upper  
98 100  
100 64.0 50.4 75.6



#62  
4-Bromofluorobenzene  
Concen: 46.353 ug/l  
RT: 12.734 min Scan# 4006  
Delta R.T. 0.003 min  
Lab File: VN070403.D  
Acq: 30 Dec 2021 16:49

Tgt Ion: 95 Resp: 624113  
Ion Ratio Lower Upper  
95 100  
174 76.9 0.0 187.2  
176 74.4 0.0 181.4

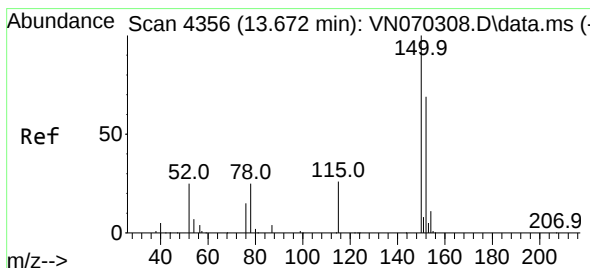
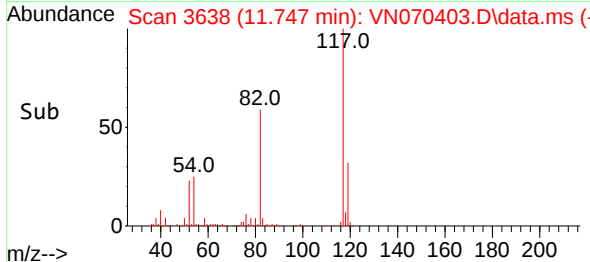
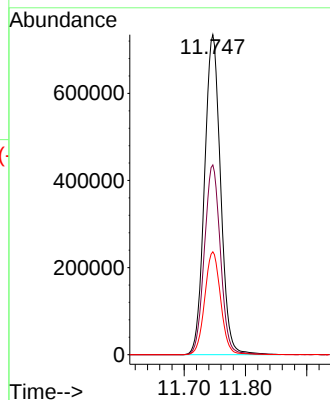
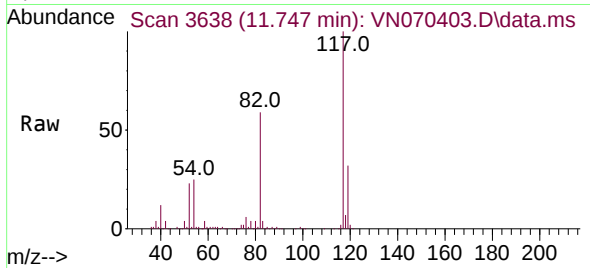




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.747 min Scan# 3638  
Delta R.T. 0.003 min  
Lab File: VN070403.D  
Acq: 30 Dec 2021 16:49

Instrument :  
MSVOA\_N  
ClientSampleId :  
MW-50DA

Tgt Ion:117 Resp: 1338129  
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# 4358  
Delta R.T. 0.006 min  
Lab File: VN070403.D  
Acq: 30 Dec 2021 16:49

Tgt Ion:152 Resp: 436055  
Ion Ratio Lower Upper  
152 100  
115 61.4 27.5 82.5  
150 159.1 0.0 344.4

