

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX061121\  
 Data File : VX022673.D  
 Acq On : 11 Jun 2021 17:30  
 Operator : JC/MD  
 Sample : M2703-02  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 210609007-03-TRIP-BLANK

Quant Time: Jun 12 02:30:57 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X061021W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Jun 10 12:20:00 2021  
 Response via : Initial Calibration

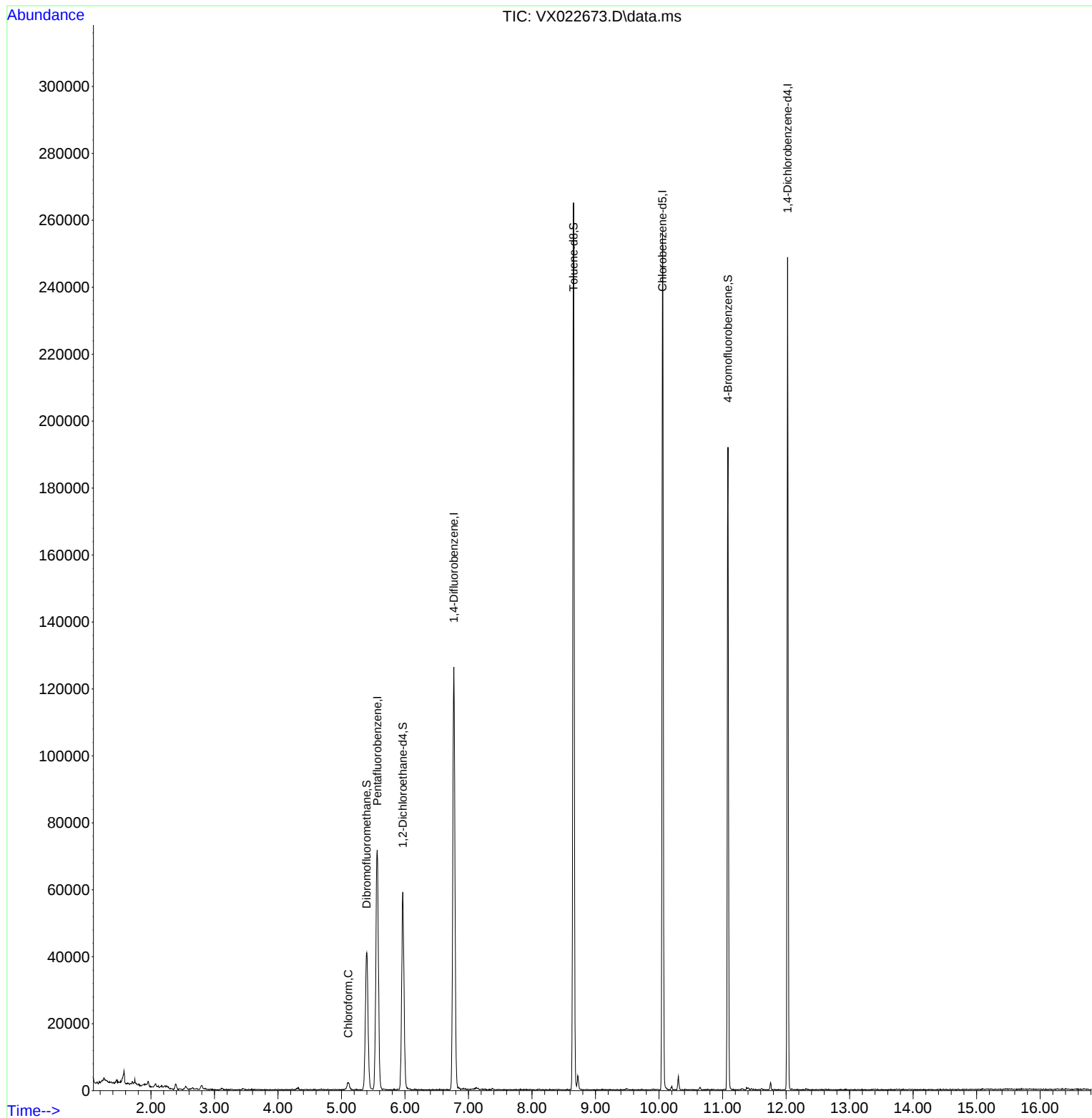
| Compound                    | R.T.   | QIon  | Response | Conc     | Units | Dev(Min)  |
|-----------------------------|--------|-------|----------|----------|-------|-----------|
| -----                       |        |       |          |          |       |           |
| Internal Standards          |        |       |          |          |       |           |
| 1) Pentafluorobenzene       | 5.562  | 168   | 60402    | 50.000   | ug/l  | # 0.00    |
| 34) 1,4-Difluorobenzene     | 6.769  | 114   | 122955   | 50.000   | ug/l  | 0.00      |
| 63) Chlorobenzene-d5        | 10.055 | 117   | 108496   | 50.000   | ug/l  | 0.00      |
| 72) 1,4-Dichlorobenzene-d4  | 12.024 | 152   | 42544    | 50.000   | ug/l  | 0.00      |
| System Monitoring Compounds |        |       |          |          |       |           |
| 33) 1,2-Dichloroethane-d4   | 5.964  | 65    | 52019    | 47.886   | ug/l  | 0.00      |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | =     | 95.780%   |
| 35) Dibromofluoromethane    | 5.397  | 113   | 35692    | 45.498   | ug/l  | 0.00      |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =     | 91.000%   |
| 50) Toluene-d8              | 8.653  | 98    | 149089   | 48.210   | ug/l  | 0.00      |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | =     | 96.420%   |
| 62) 4-Bromofluorobenzene    | 11.085 | 95    | 52191    | 44.624   | ug/l  | 0.00      |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =     | 89.240%   |
| Target Compounds            |        |       |          |          |       |           |
| 30) Chloroform              | 5.105  | 83    | 2697     | 1.662    | ug/l  | Qvalue 97 |
| -----                       |        |       |          |          |       |           |

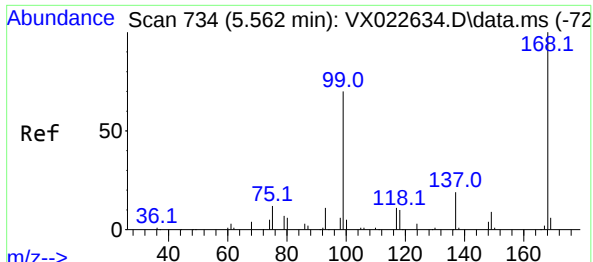
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA\_X  
ClientSampleId :  
210609007-03-TRIP-BLANK

Quant Time: Jun 12 02:30:57 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X061021W.M  
Quant Title : SW846 8260  
QLast Update : Thu Jun 10 12:20:00 2021  
Response via : Initial Calibration

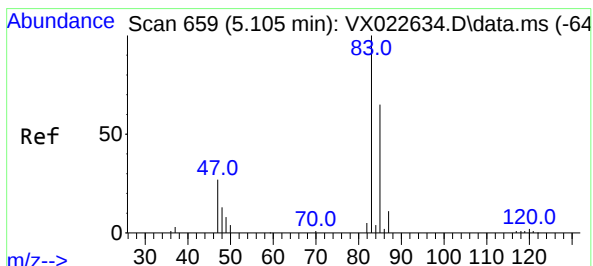
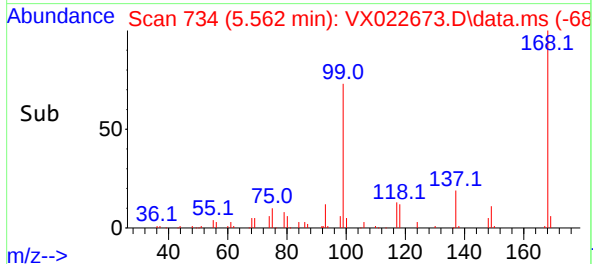
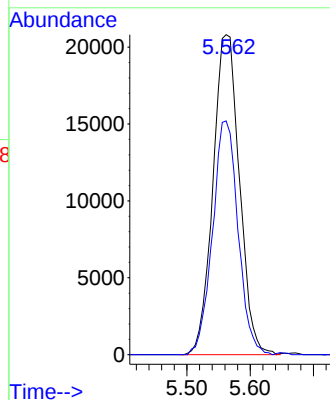
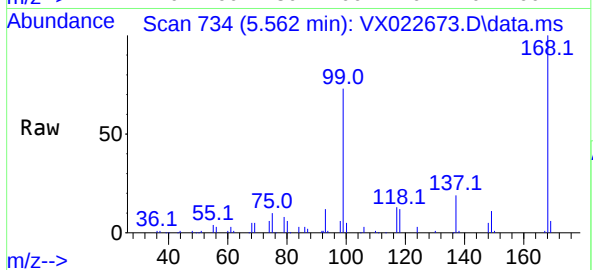




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.562 min Scan# 734  
Delta R.T. 0.000 min  
Lab File: VX022673.D  
Acq: 11 Jun 2021 17:30

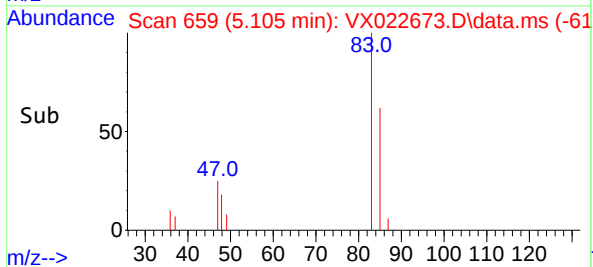
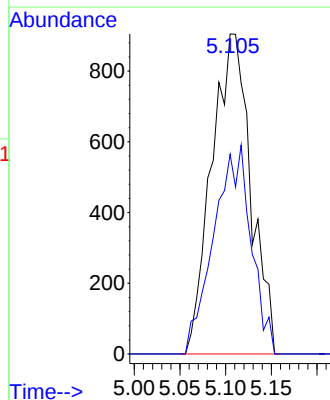
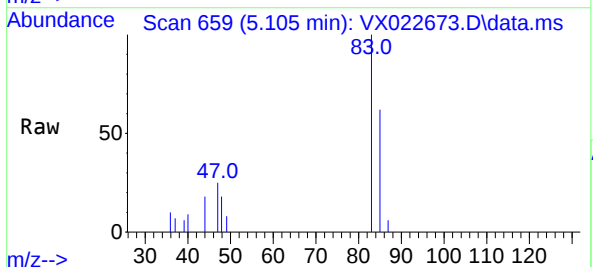
Instrument :  
MSVOA\_X  
ClientSampleId :  
210609007-03-TRIP-BLANK

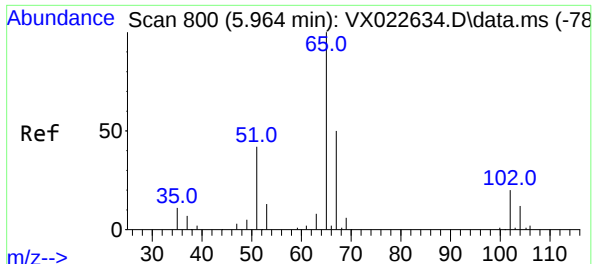
Tgt Ion:168 Resp: 60402  
Ion Ratio Lower Upper  
168 100  
99 73.0 45.8 68.6#



#30  
Chloroform  
Concen: 1.662 ug/l  
RT: 5.105 min Scan# 659  
Delta R.T. -0.000 min  
Lab File: VX022673.D  
Acq: 11 Jun 2021 17:30

Tgt Ion: 83 Resp: 2697  
Ion Ratio Lower Upper  
83 100  
85 62.4 52.0 78.0



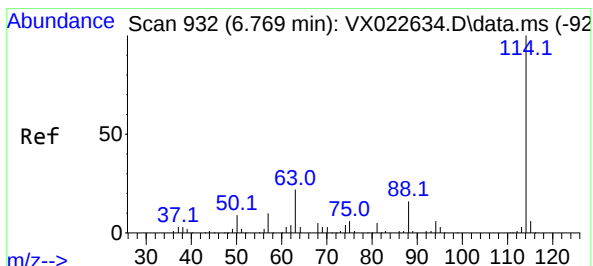
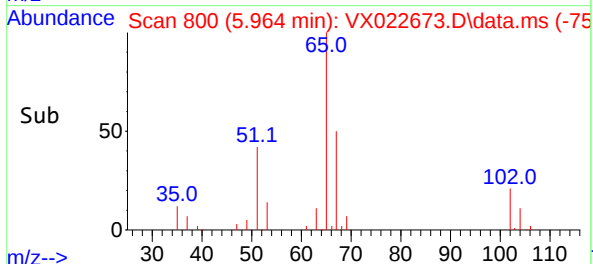
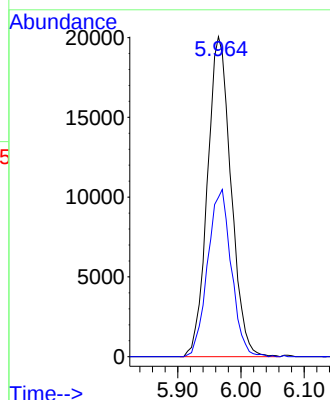
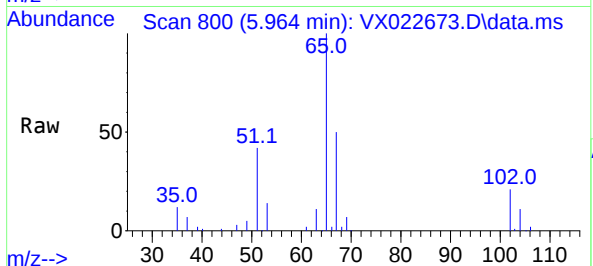


#33

1,2-Dichloroethane-d4  
Concen: 47.886 ug/l  
RT: 5.964 min Scan# 800  
Delta R.T. 0.000 min  
Lab File: VX022673.D  
Acq: 11 Jun 2021 17:30

Instrument :  
MSVOA\_X  
ClientSampleId :  
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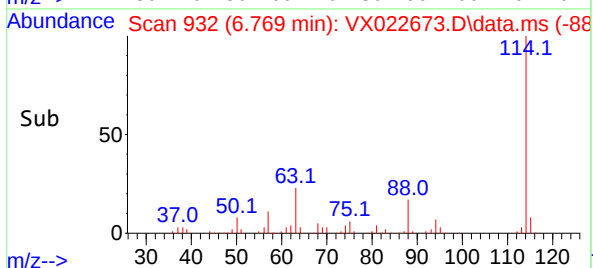
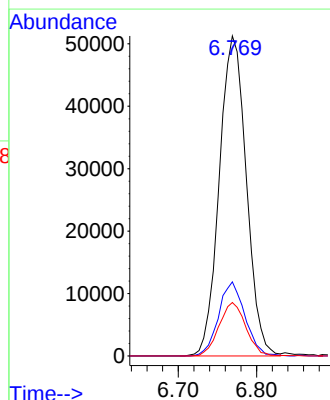
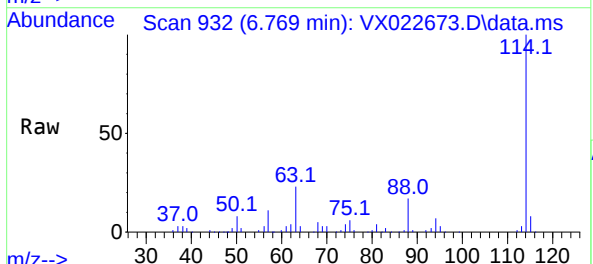
Tgt Ion: 65 Resp: 52019  
Ion Ratio Lower Upper  
65 100  
67 52.3 0.0 105.4

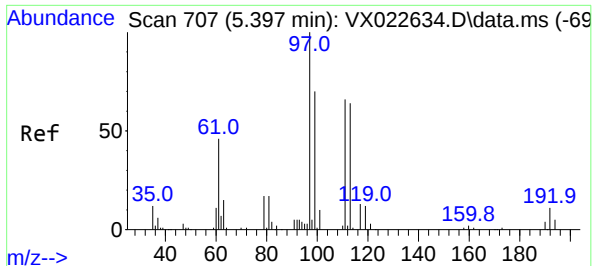


#34

1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.769 min Scan# 932  
Delta R.T. 0.000 min  
Lab File: VX022673.D  
Acq: 11 Jun 2021 17:30

Tgt Ion: 114 Resp: 122955  
Ion Ratio Lower Upper  
114 100  
63 23.1 0.0 40.8  
88 16.7 0.0 32.8





#35

Dibromofluoromethane

Concen: 45.498 ug/l

RT: 5.397 min Scan# 707

Delta R.T. 0.006 min

Lab File: VX022673.D

Acq: 11 Jun 2021 17:30

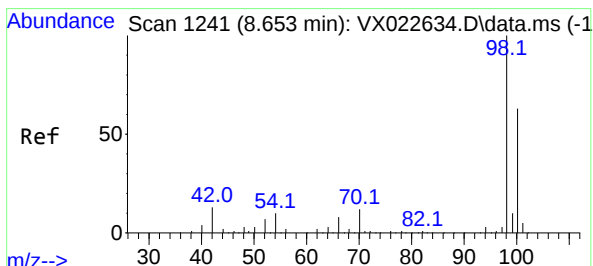
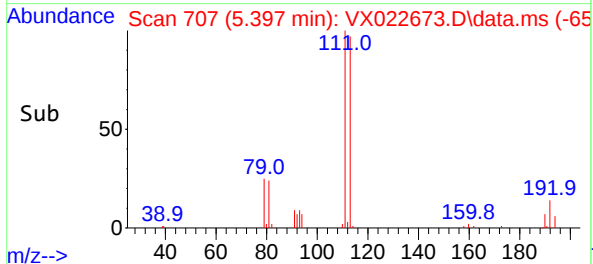
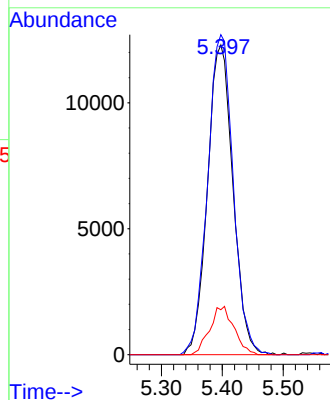
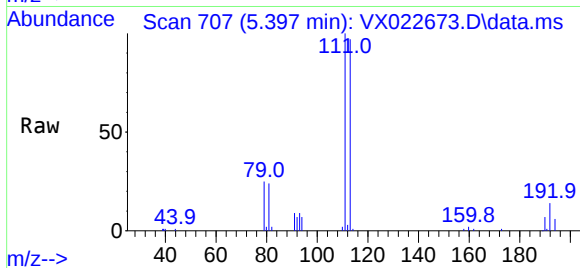
Tgt Ion:113 Resp: 35692

Ion Ratio Lower Upper

113 100

111 104.1 81.9 122.9

192 14.8 16.7 25.1#



#50

Toluene-d8

Concen: 48.210 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX022673.D

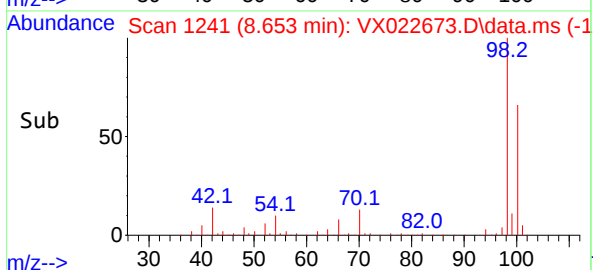
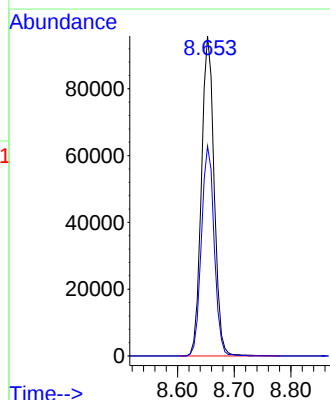
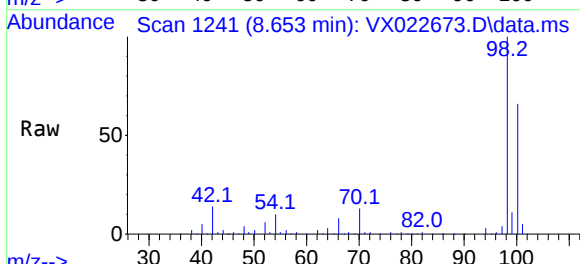
Acq: 11 Jun 2021 17:30

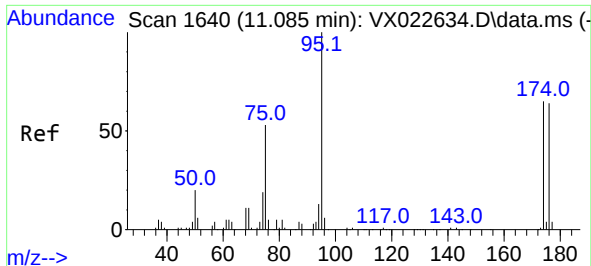
Tgt Ion: 98 Resp: 149089

Ion Ratio Lower Upper

98 100

100 66.1 51.9 77.9

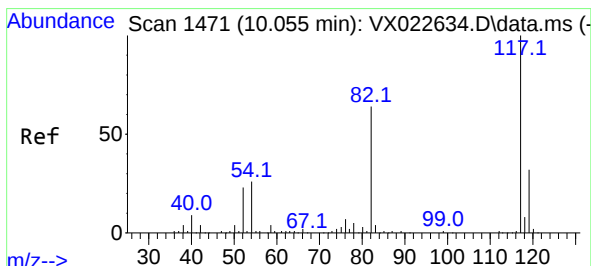
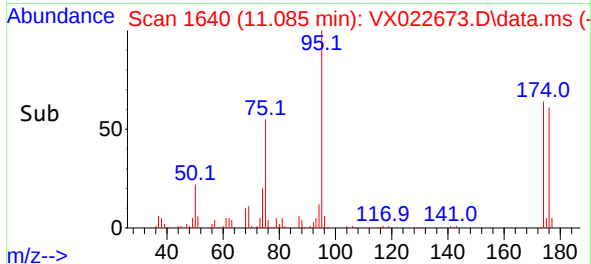
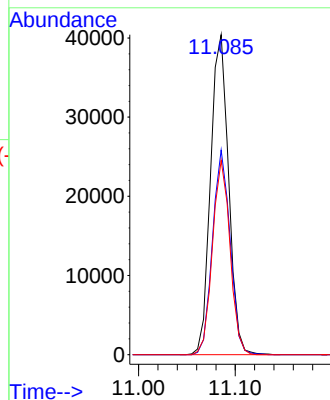
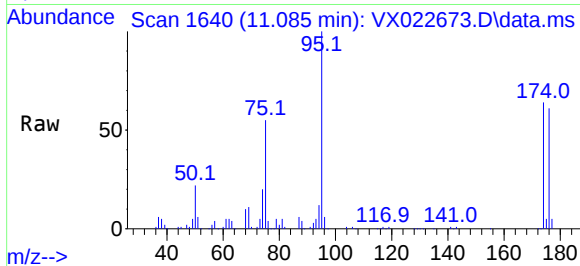




#62  
4-Bromofluorobenzene  
Concen: 44.624 ug/l  
RT: 11.085 min Scan# 1640  
Delta R.T. 0.000 min  
Lab File: VX022673.D  
Acq: 11 Jun 2021 17:30

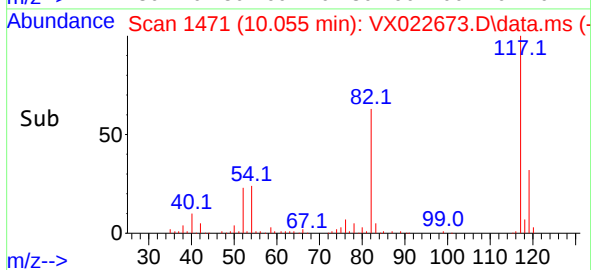
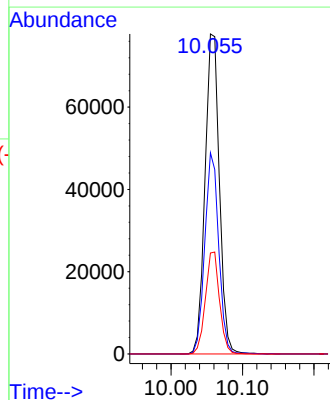
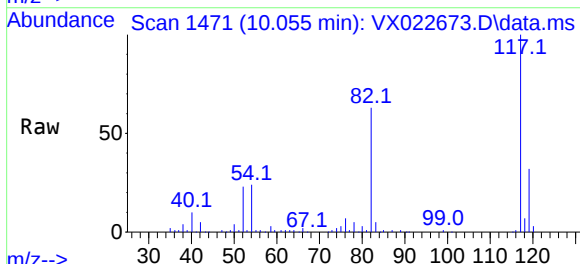
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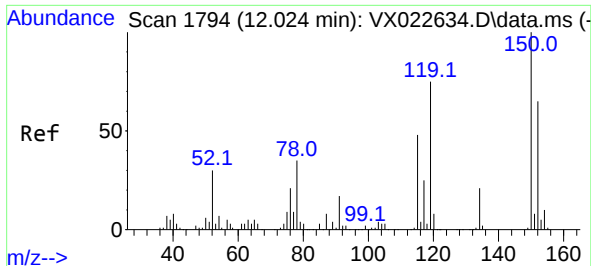
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 95    | Resp: | 52191 |
| Ion      | Ratio | Lower | Upper |
| 95       | 100   |       |       |
| 174      | 62.6  | 0.0   | 154.6 |
| 176      | 59.0  | 0.0   | 155.8 |



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VX022673.D  
Acq: 11 Jun 2021 17:30

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 108496 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 82       | 62.8  | 47.4  | 71.2   |
| 119      | 31.5  | 26.6  | 39.8   |





#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 12.024 min Scan# 1794  
 Delta R.T. 0.000 min  
 Lab File: VX022673.D  
 Acq: 11 Jun 2021 17:30

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
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Tgt Ion:152 Resp: 42544  
 Ion Ratio Lower Upper  
 152 100  
 115 67.4 41.1 123.3  
 150 154.8 0.0 349.0

