

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX071521\  
 Data File : VX023298.D  
 Acq On : 15 Jul 2021 14:52  
 Operator : JC/MD  
 Sample : M3058-02  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 210714005-05-TRIP-BLANK

Quant Time: Jul 16 03:51:35 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X070221W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Jul 02 14:29:42 2021  
 Response via : Initial Calibration

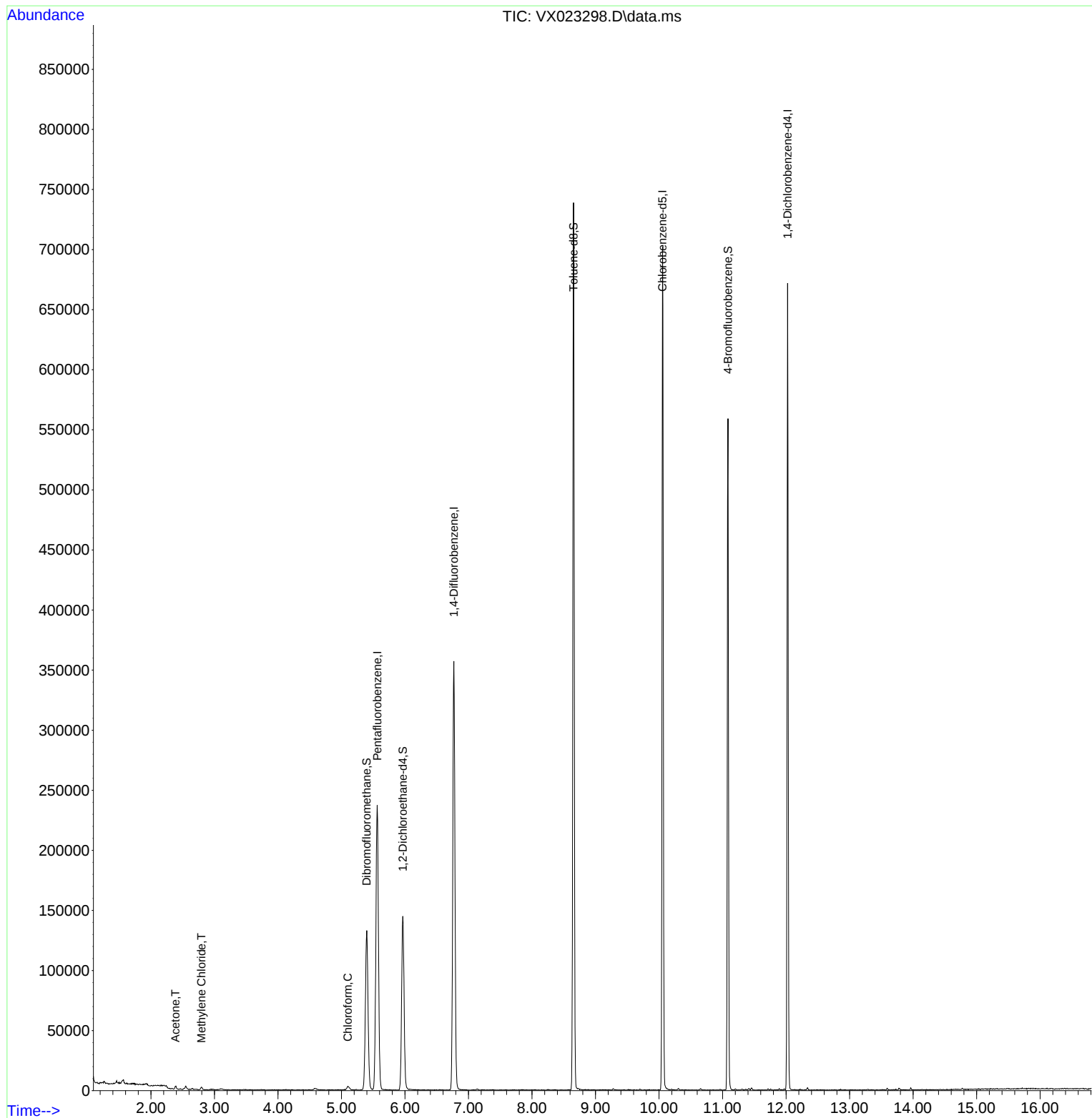
| Compound                    | R.T. QIon |       | Response | Conc     | Units | Dev(Min) |
|-----------------------------|-----------|-------|----------|----------|-------|----------|
| -----                       |           |       |          |          |       |          |
| Internal Standards          |           |       |          |          |       |          |
| 1) Pentafluorobenzene       | 5.562     | 168   | 220629   | 50.000   | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.769     | 114   | 359606   | 50.000   | ug/l  | 0.00     |
| 63) Chlorobenzene-d5        | 10.055    | 117   | 317131   | 50.000   | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.024    | 152   | 135435   | 50.000   | ug/l  | 0.00     |
| System Monitoring Compounds |           |       |          |          |       |          |
| 33) 1,2-Dichloroethane-d4   | 5.964     | 65    | 148563   | 50.101   | ug/l  | 0.00     |
| Spiked Amount               | 50.000    | Range | 78 - 117 | Recovery | =     | 100.200% |
| 35) Dibromofluoromethane    | 5.397     | 113   | 113578   | 48.910   | ug/l  | 0.00     |
| Spiked Amount               | 50.000    | Range | 75 - 124 | Recovery | =     | 97.820%  |
| 50) Toluene-d8              | 8.653     | 98    | 424143   | 48.964   | ug/l  | 0.00     |
| Spiked Amount               | 50.000    | Range | 92 - 112 | Recovery | =     | 97.920%  |
| 62) 4-Bromofluorobenzene    | 11.085    | 95    | 151911   | 45.426   | ug/l  | 0.00     |
| Spiked Amount               | 50.000    | Range | 83 - 123 | Recovery | =     | 90.860%  |
| Target Compounds            |           |       |          |          |       |          |
|                             |           |       |          |          |       | Qvalue   |
| 16) Acetone                 | 2.386     | 43    | 3068     | 2.615    | ug/l  | 97       |
| 20) Methylene Chloride      | 2.794     | 84    | 1047     | 0.415    | ug/l  | 94       |
| 30) Chloroform              | 5.099     | 83    | 3673     | 0.835    | ug/l  | 84       |
| -----                       |           |       |          |          |       |          |

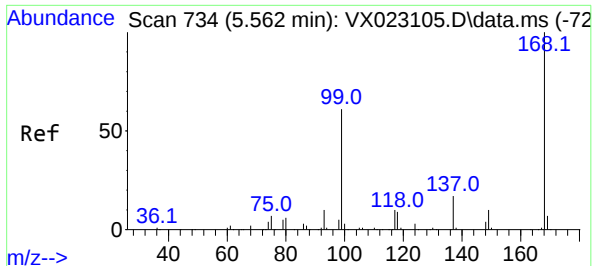
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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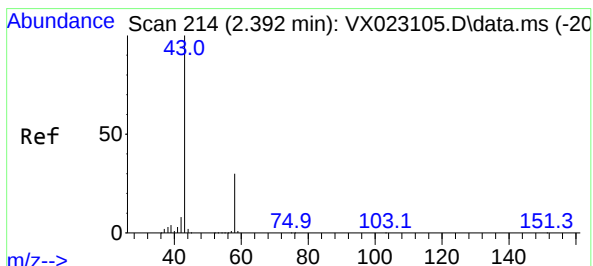
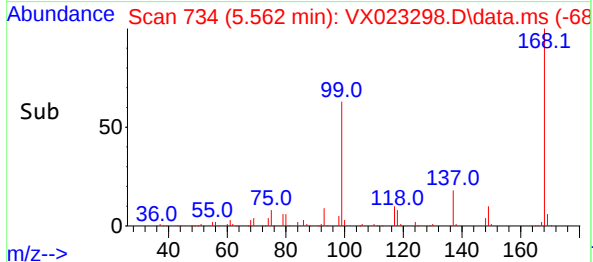
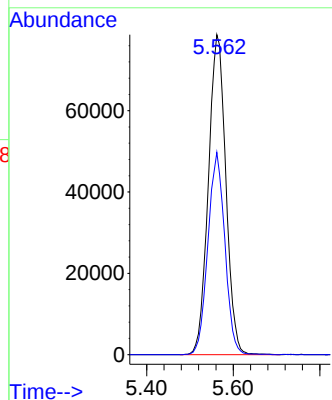
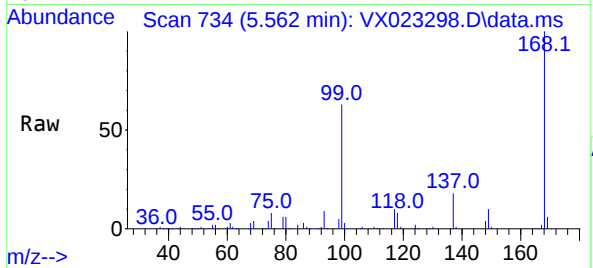




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.562 min Scan# 734  
Delta R.T. 0.000 min  
Lab File: VX023298.D  
Acq: 15 Jul 2021 14:52

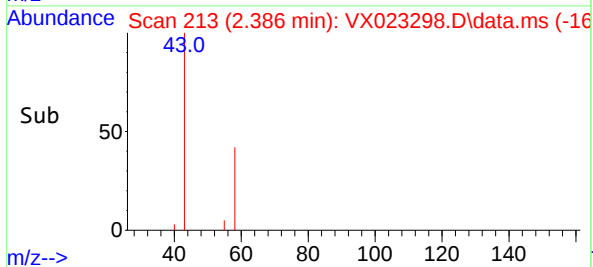
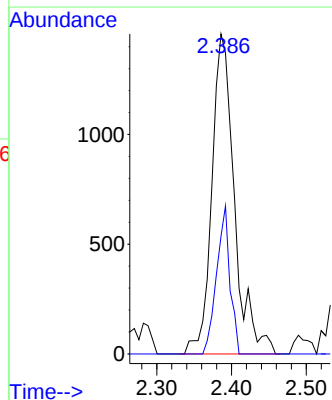
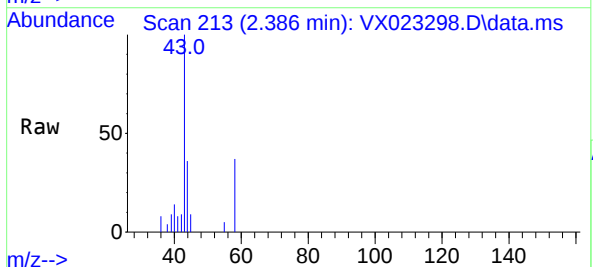
Instrument :  
MSVOA\_X  
ClientSampleId :  
210714005-05-TRIP-BLANK

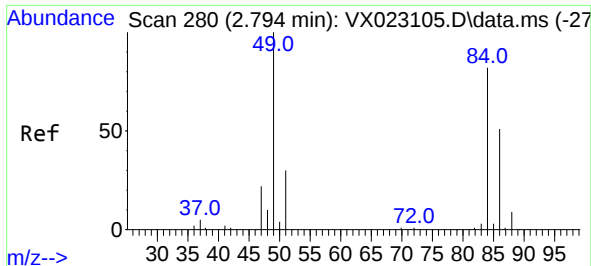
Tgt Ion:168 Resp: 220629  
Ion Ratio Lower Upper  
168 100  
99 63.2 45.8 68.6



#16  
Acetone  
Concen: 2.615 ug/l  
RT: 2.386 min Scan# 213  
Delta R.T. -0.006 min  
Lab File: VX023298.D  
Acq: 15 Jul 2021 14:52

Tgt Ion: 43 Resp: 3068  
Ion Ratio Lower Upper  
43 100  
58 36.8 27.8 41.8

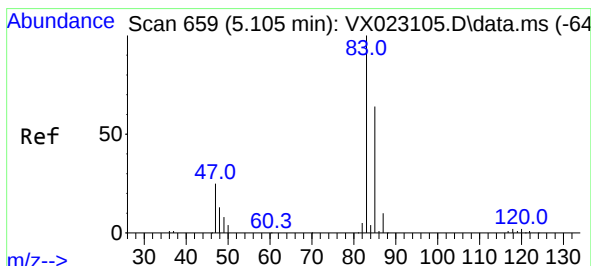
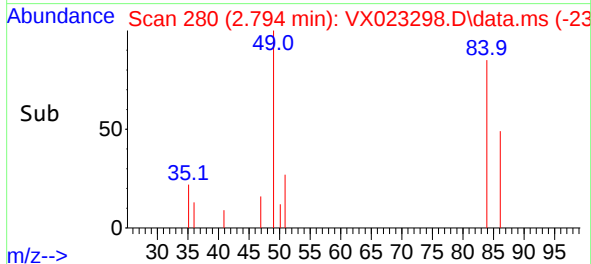
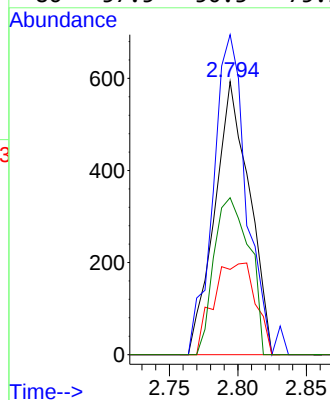
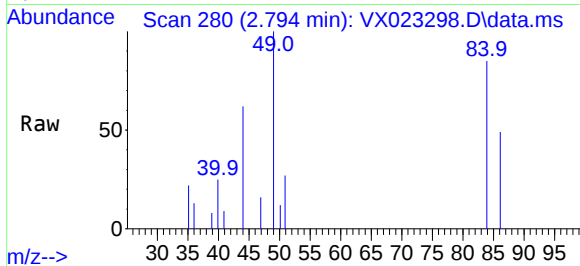




#20  
Methylene Chloride  
Concen: 0.415 ug/l  
RT: 2.794 min Scan# 280  
Delta R.T. 0.000 min  
Lab File: VX023298.D  
Acq: 15 Jul 2021 14:52

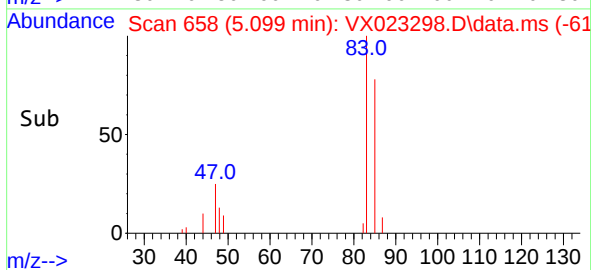
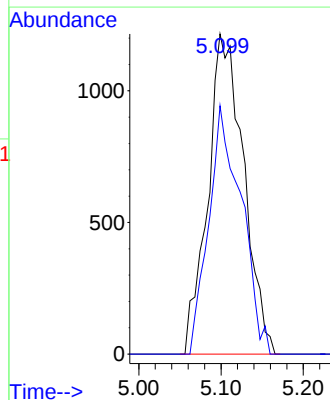
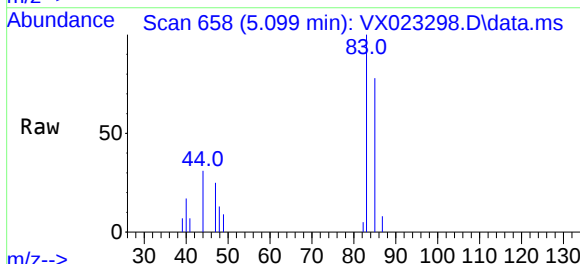
Instrument :  
MSVOA\_X  
ClientSampleId :  
210714005-05-TRIP-BLANK

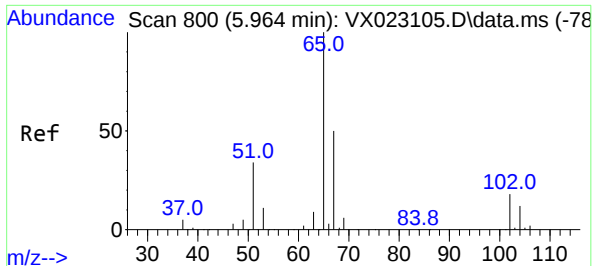
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 84    | Resp: | 1047  |
| Ion      | Ratio | Lower | Upper |
| 84       | 100   |       |       |
| 49       | 117.2 | 88.6  | 132.8 |
| 51       | 31.2  | 27.0  | 40.6  |
| 86       | 57.5  | 50.3  | 75.5  |



#30  
Chloroform  
Concen: 0.835 ug/l  
RT: 5.099 min Scan# 658  
Delta R.T. -0.006 min  
Lab File: VX023298.D  
Acq: 15 Jul 2021 14:52

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 83    | Resp: | 3673  |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 85       | 77.5  | 52.0  | 78.0  |



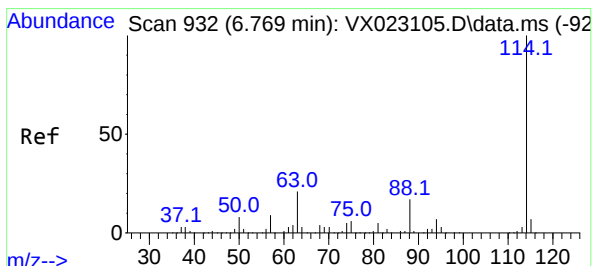
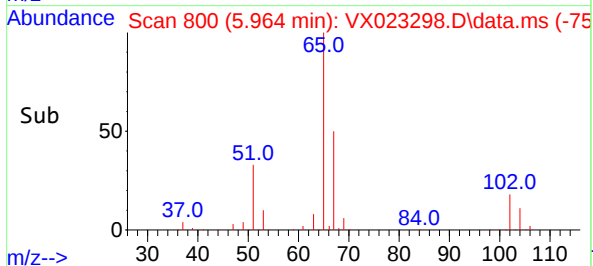
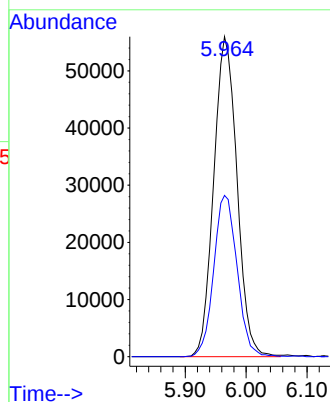
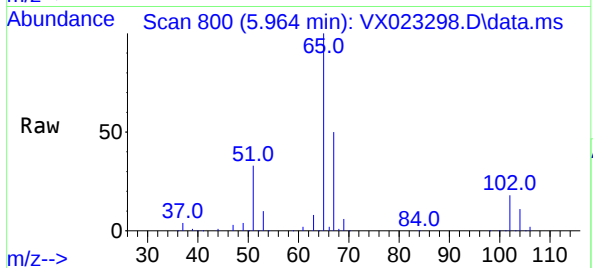


#33

1,2-Dichloroethane-d4  
Concen: 50.101 ug/l  
RT: 5.964 min Scan# 800  
Delta R.T. 0.000 min  
Lab File: VX023298.D  
Acq: 15 Jul 2021 14:52

Instrument :  
MSVOA\_X  
ClientSampleId :  
210714005-05-TRIP-BLANK

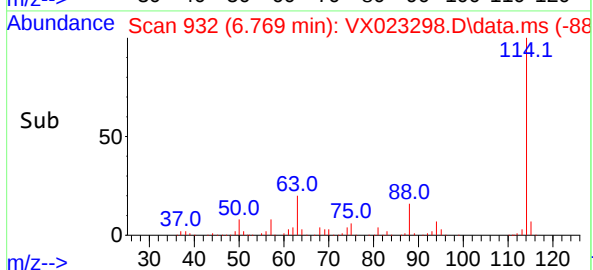
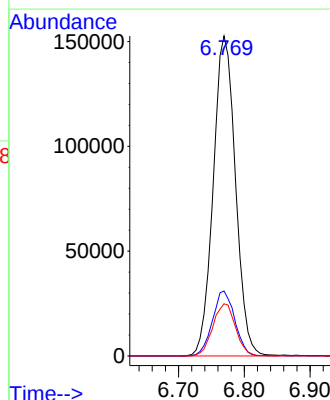
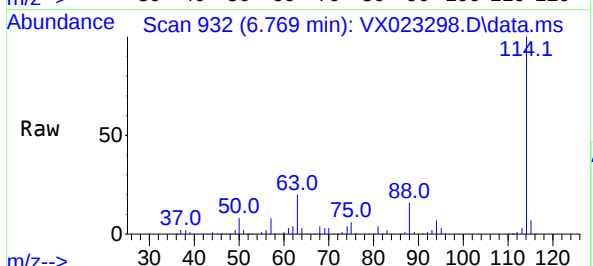
Tgt Ion: 65 Resp: 148563  
Ion Ratio Lower Upper  
65 100  
67 50.7 0.0 105.4

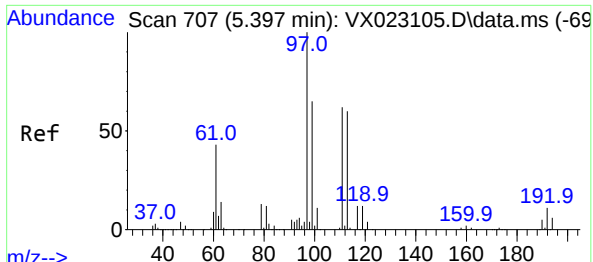


#34

1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.769 min Scan# 932  
Delta R.T. 0.000 min  
Lab File: VX023298.D  
Acq: 15 Jul 2021 14:52

Tgt Ion: 114 Resp: 359606  
Ion Ratio Lower Upper  
114 100  
63 20.3 0.0 40.8  
88 16.3 0.0 32.8





#35

Dibromofluoromethane

Concen: 48.910 ug/l

RT: 5.397 min Scan# 707

Delta R.T. 0.000 min

Lab File: VX023298.D

Acq: 15 Jul 2021 14:52

Instrument :

MSVOA\_X

ClientSampleId :

210714005-05-TRIP-BLANK

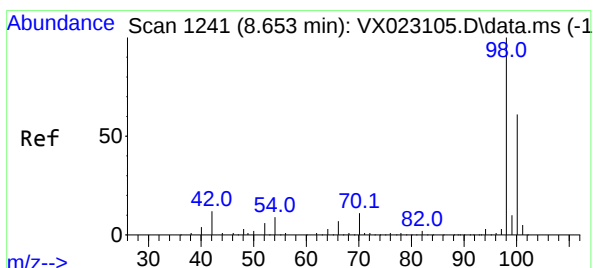
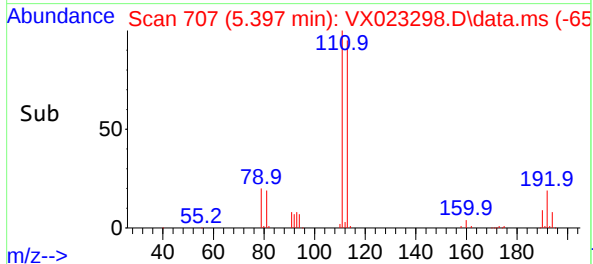
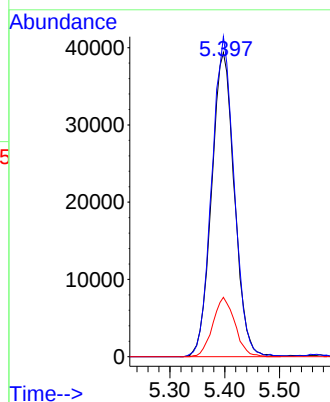
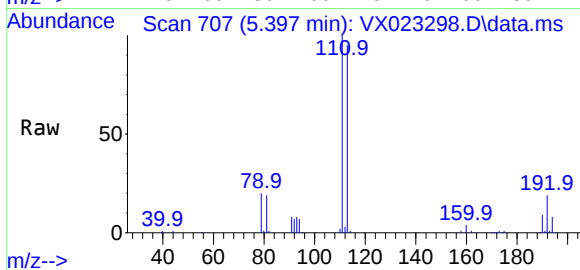
Tgt Ion:113 Resp: 113578

Ion Ratio Lower Upper

113 100

111 103.3 81.9 122.9

192 19.0 16.7 25.1



#50

Toluene-d8

Concen: 48.964 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX023298.D

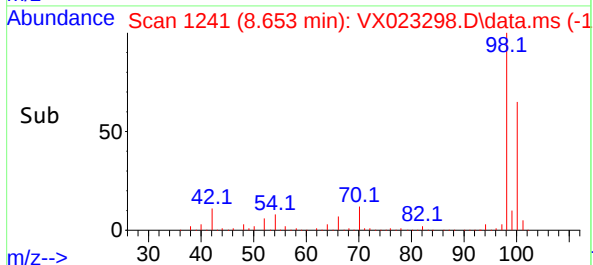
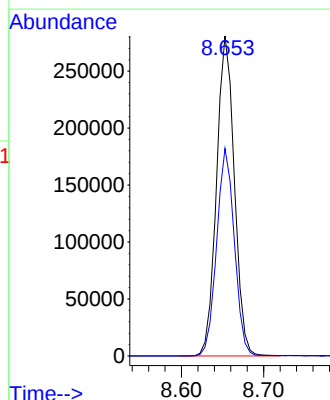
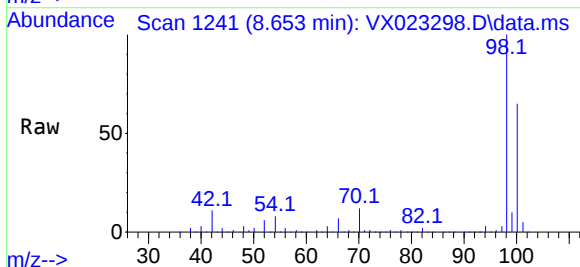
Acq: 15 Jul 2021 14:52

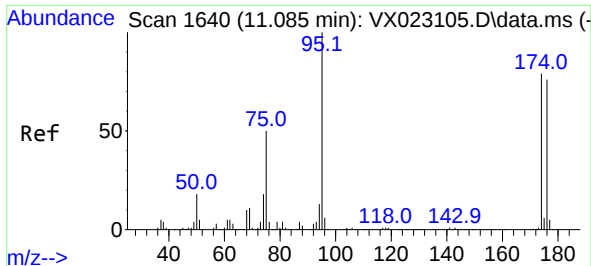
Tgt Ion: 98 Resp: 424143

Ion Ratio Lower Upper

98 100

100 64.3 51.9 77.9

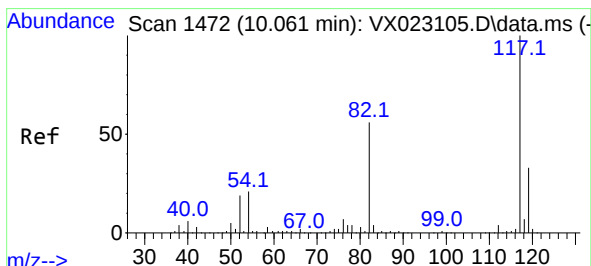
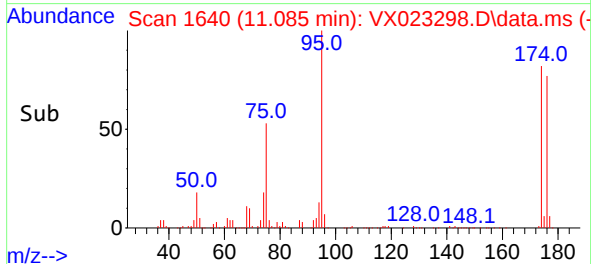
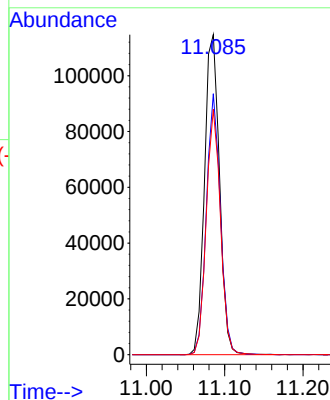
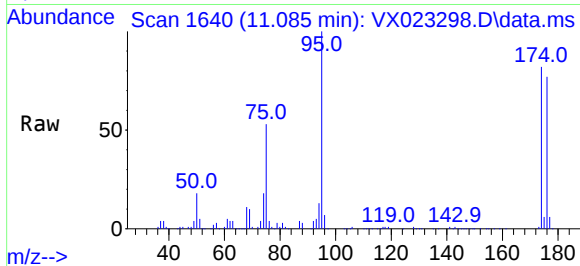




#62  
4-Bromofluorobenzene  
Concen: 45.426 ug/l  
RT: 11.085 min Scan# 1640  
Delta R.T. 0.000 min  
Lab File: VX023298.D  
Acq: 15 Jul 2021 14:52

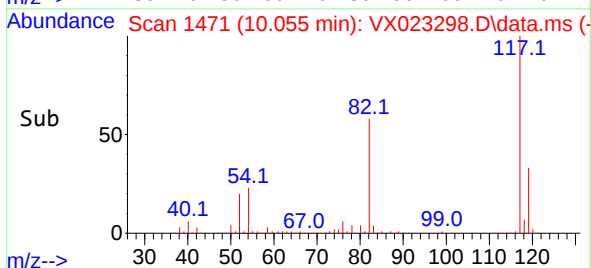
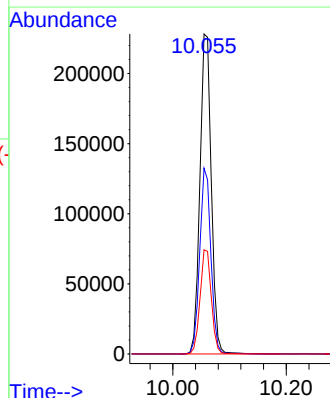
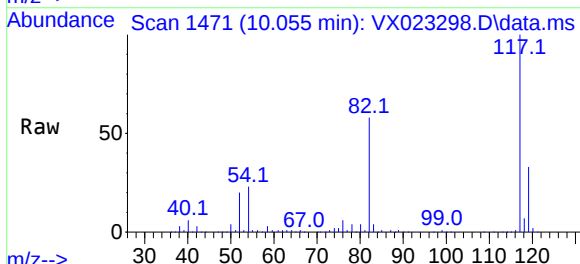
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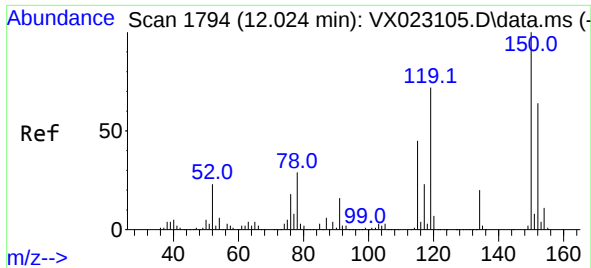
Tgt Ion: 95 Resp: 151911  
Ion Ratio Lower Upper  
95 100  
174 76.5 0.0 154.6  
176 73.0 0.0 155.8



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. -0.006 min  
Lab File: VX023298.D  
Acq: 15 Jul 2021 14:52

Tgt Ion: 117 Resp: 317131  
Ion Ratio Lower Upper  
117 100  
82 58.1 47.4 71.2  
119 32.5 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: VX023298.D  
 Acq: 15 Jul 2021 14:52

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
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Tgt Ion:152 Resp: 135435  
 Ion Ratio Lower Upper  
 152 100  
 115 60.3 41.1 123.3  
 150 156.7 0.0 349.0

