

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX052921\  
 Data File : VX022269.D  
 Acq On : 28 May 2021 22:45  
 Operator : JC/MD  
 Sample : M2545-01  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 TB-01-20210526

Quant Time: May 29 04:56:53 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X051921W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed May 19 14:23:10 2021  
 Response via : Initial Calibration

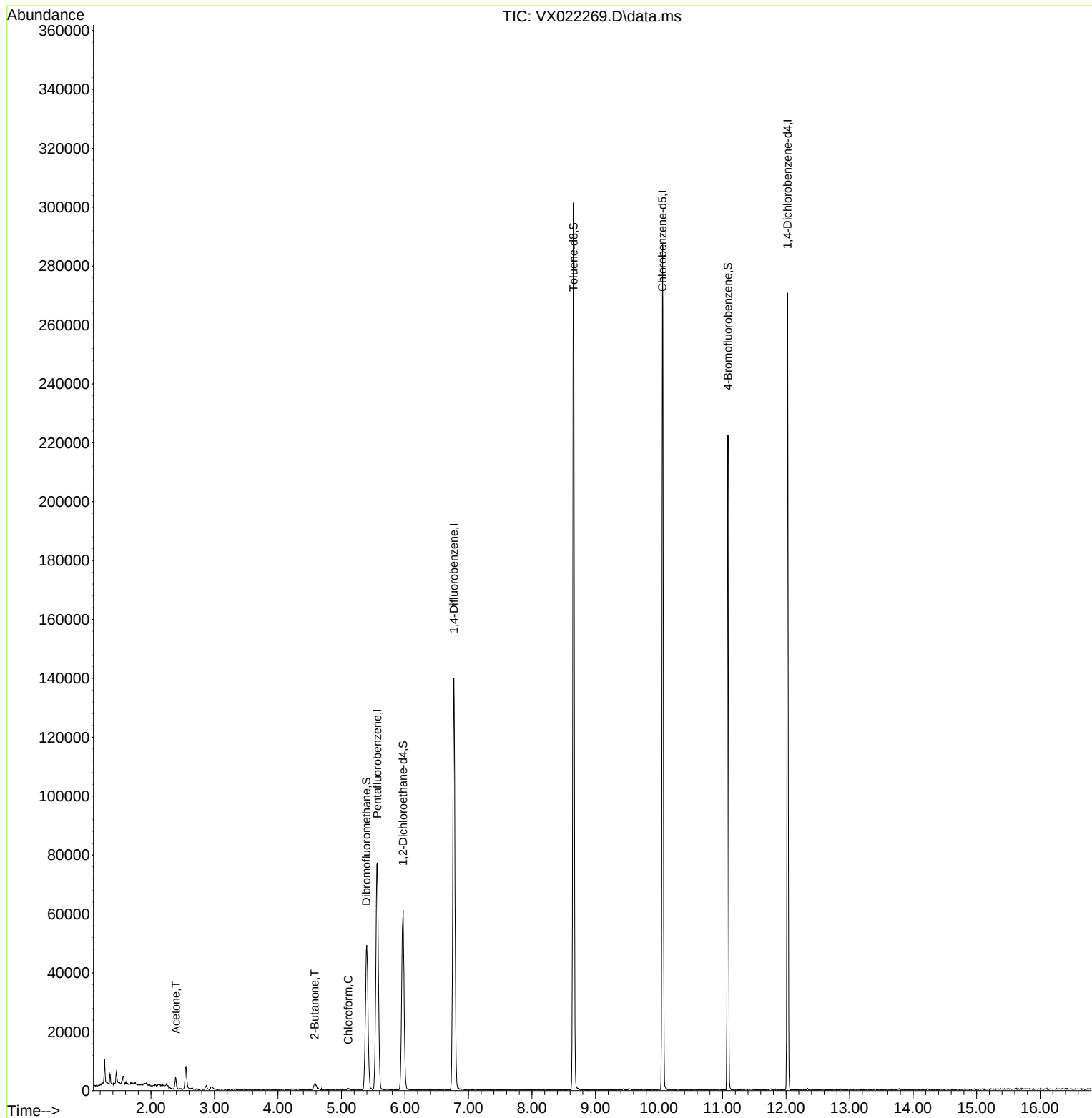
| Compound                    | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|--------|----------|
| -----                       |        |       |          |          |        |          |
| Internal Standards          |        |       |          |          |        |          |
| 1) Pentafluorobenzene       | 5.562  | 168   | 66991    | 50.00    | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.769  | 114   | 140465   | 50.00    | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 10.055 | 117   | 123346   | 50.00    | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.024 | 152   | 47620    | 50.00    | ug/l   | 0.00     |
| System Monitoring Compounds |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 5.970  | 65    | 54700    | 52.93    | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | =      | 105.86%  |
| 35) Dibromofluoromethane    | 5.391  | 113   | 41852    | 46.98    | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =      | 93.96%   |
| 50) Toluene-d8              | 8.653  | 98    | 171227   | 49.90    | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | =      | 99.80%   |
| 62) 4-Bromofluorobenzene    | 11.085 | 95    | 59884    | 47.22    | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =      | 94.44%   |
| Target Compounds            |        |       |          |          |        |          |
|                             |        |       |          |          | Qvalue |          |
| 16) Acetone                 | 2.392  | 43    | 3959     | 8.80     | ug/l   | 91       |
| 25) 2-Butanone              | 4.574  | 43    | 2245     | 3.08     | ug/l   | 97       |
| 30) Chloroform              | 5.105  | 83    | 490      | 0.30     | ug/l   | 86       |
| -----                       |        |       |          |          |        |          |

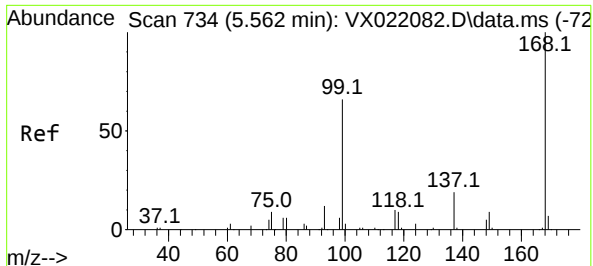
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

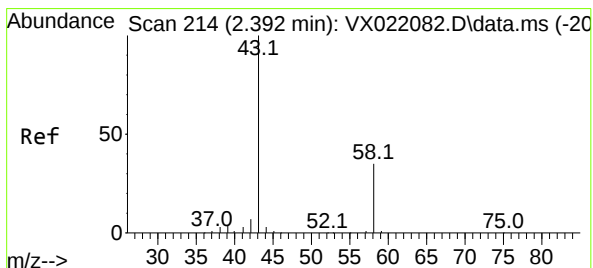
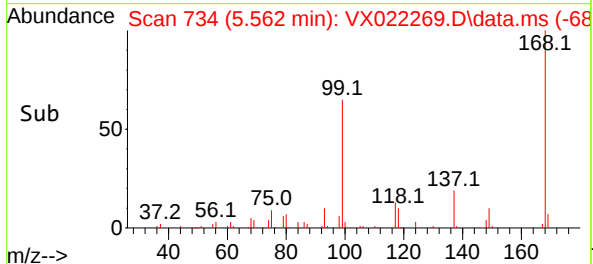
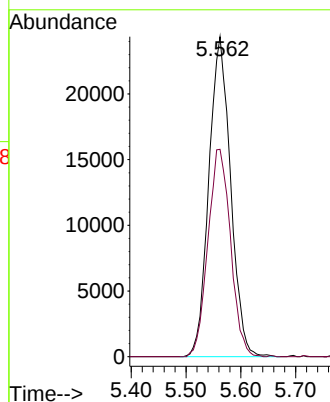
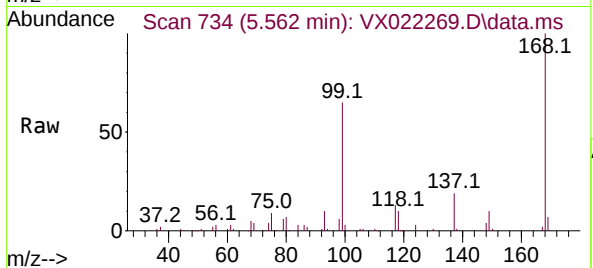




#1  
Pentafluorobenzene  
Concen: 50.00 ug/l  
RT: 5.562 min Scan# 734  
Delta R.T. -0.000 min  
Lab File: VX022269.D  
Acq: 28 May 2021 22:45

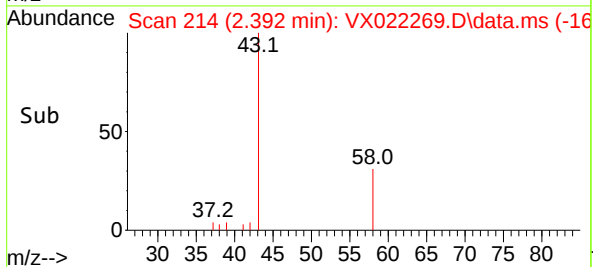
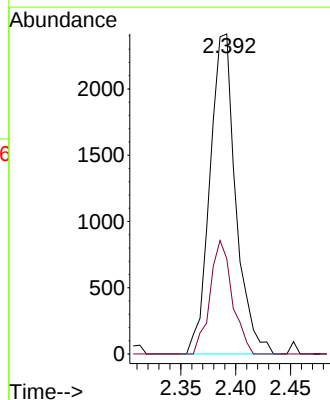
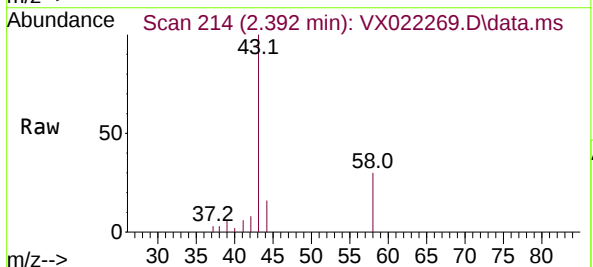
Instrument :  
MSVOA\_X  
ClientSampleId :  
TB-01-20210526

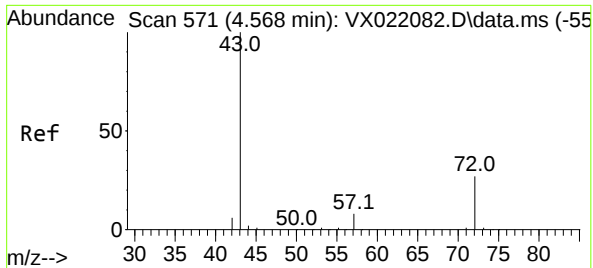
Tgt Ion:168 Resp: 66991  
Ion Ratio Lower Upper  
168 100  
99 64.8 45.8 68.6



#16  
Acetone  
Concen: 8.80 ug/l  
RT: 2.392 min Scan# 214  
Delta R.T. -0.000 min  
Lab File: VX022269.D  
Acq: 28 May 2021 22:45

Tgt Ion: 43 Resp: 3959  
Ion Ratio Lower Upper  
43 100  
58 29.8 27.8 41.8

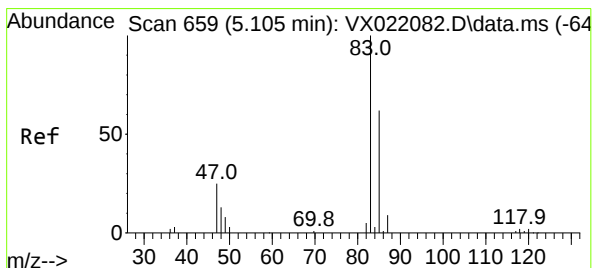
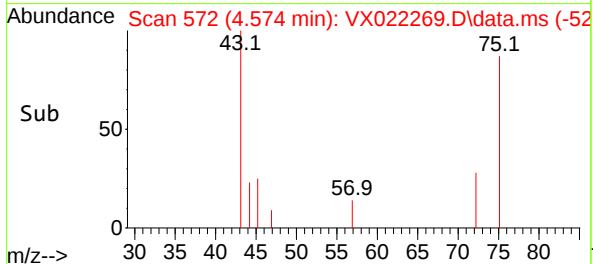
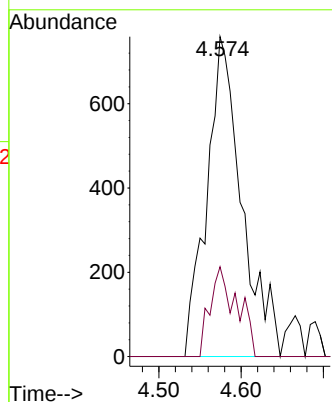
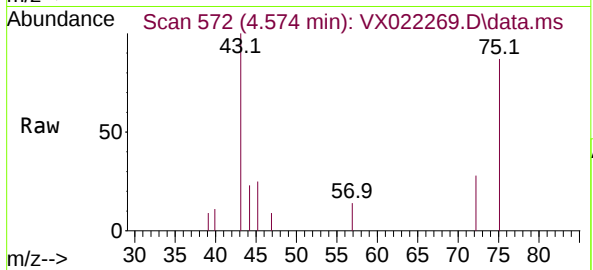




#25  
2-Butanone  
Concen: 3.08 ug/l  
RT: 4.574 min Scan# 572  
Delta R.T. 0.006 min  
Lab File: VX022269.D  
Acq: 28 May 2021 22:45

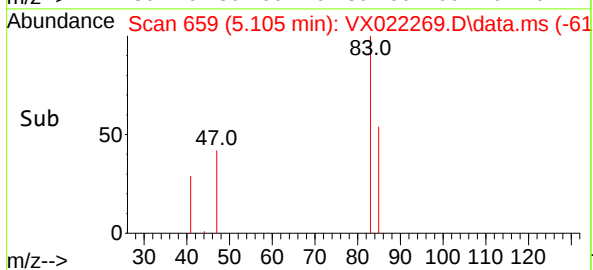
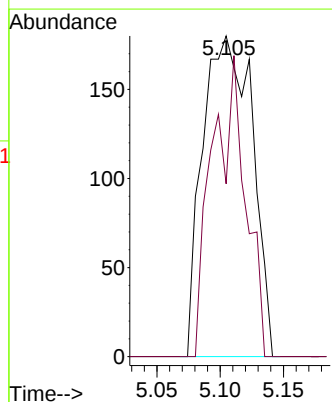
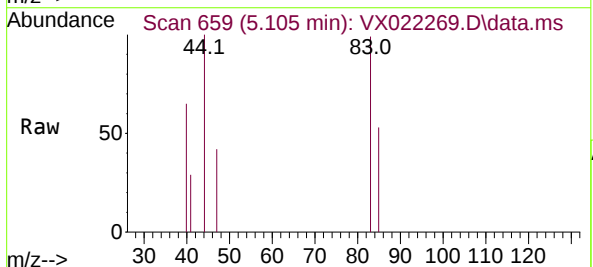
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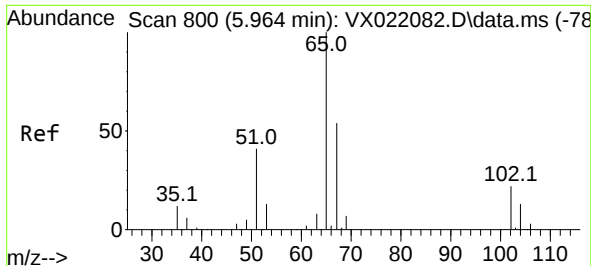
Tgt Ion: 43 Resp: 2245  
Ion Ratio Lower Upper  
43 100  
72 28.1 23.7 35.5



#30  
Chloroform  
Concen: 0.30 ug/l  
RT: 5.105 min Scan# 659  
Delta R.T. -0.000 min  
Lab File: VX022269.D  
Acq: 28 May 2021 22:45

Tgt Ion: 83 Resp: 490  
Ion Ratio Lower Upper  
83 100  
85 53.9 52.0 78.0

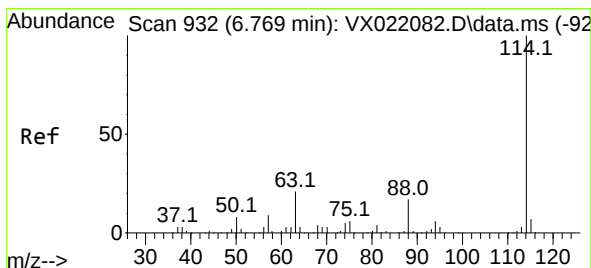
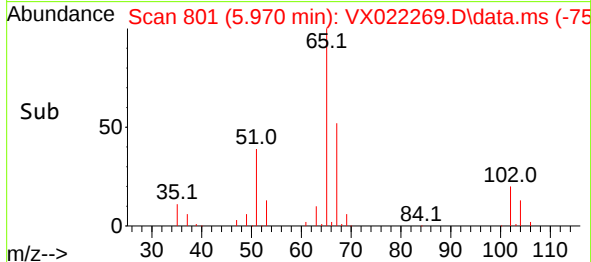
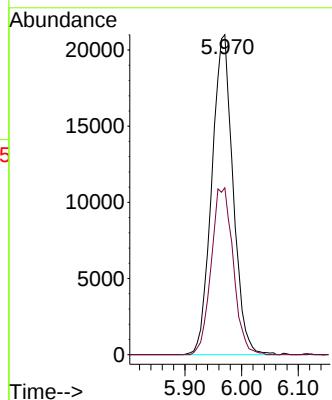
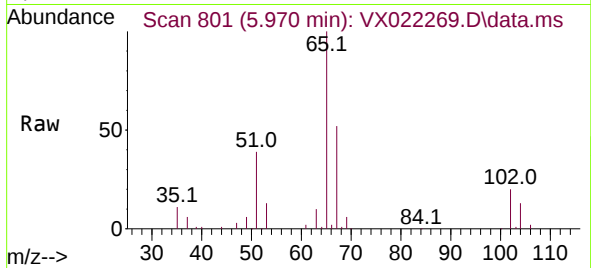




#33  
 1,2-Dichloroethane-d4  
 Concen: 52.93 ug/l  
 RT: 5.970 min Scan# 801  
 Delta R.T. 0.006 min  
 Lab File: VX022269.D  
 Acq: 28 May 2021 22:45

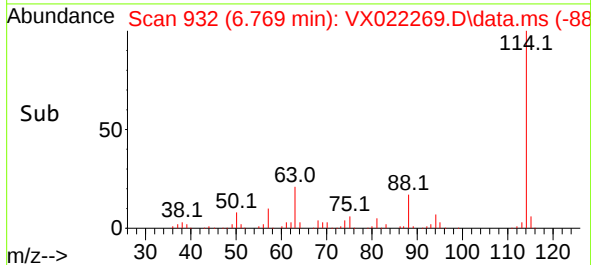
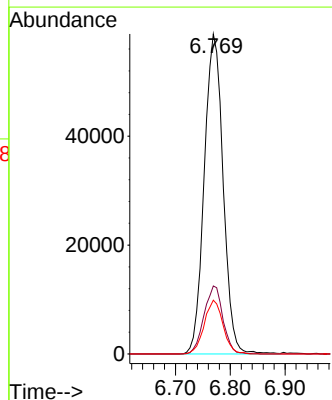
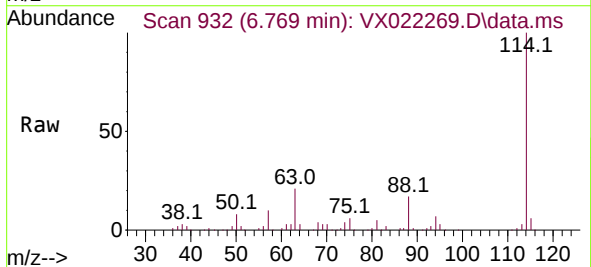
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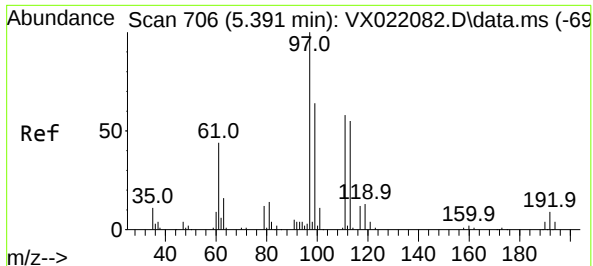
Tgt Ion: 65 Resp: 54700  
 Ion Ratio Lower Upper  
 65 100  
 67 54.0 0.0 105.4



#34  
 1,4-Difluorobenzene  
 Concen: 50.00 ug/l  
 RT: 6.769 min Scan# 932  
 Delta R.T. 0.000 min  
 Lab File: VX022269.D  
 Acq: 28 May 2021 22:45

Tgt Ion: 114 Resp: 140465  
 Ion Ratio Lower Upper  
 114 100  
 63 21.3 0.0 40.8  
 88 16.8 0.0 32.8





#35

Dibromofluoromethane

Concen: 46.98 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX022269.D

Acq: 28 May 2021 22:45

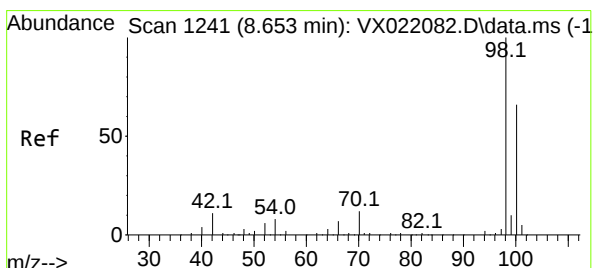
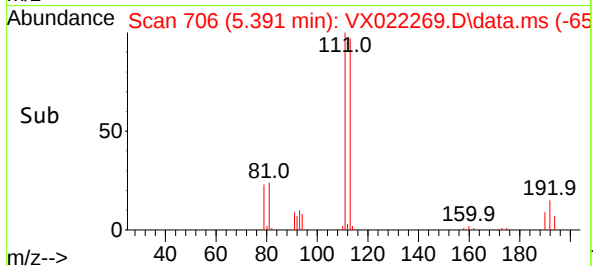
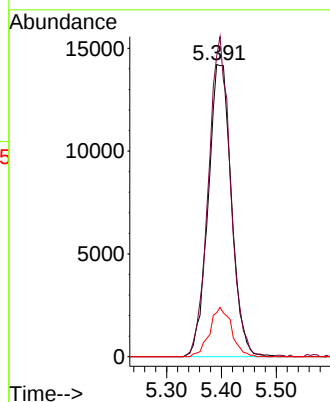
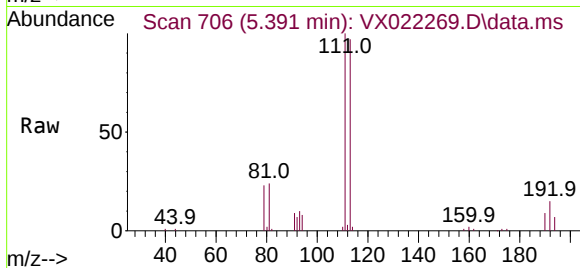
Tgt Ion:113 Resp: 41852

Ion Ratio Lower Upper

113 100

111 103.8 81.9 122.9

192 15.9 16.7 25.1#



#50

Toluene-d8

Concen: 49.90 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX022269.D

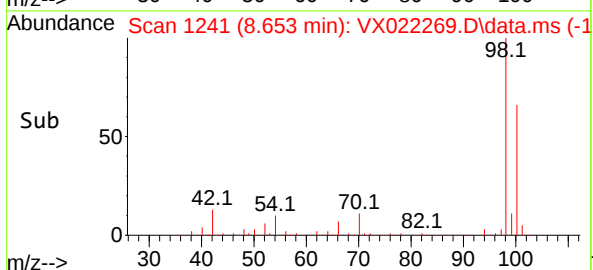
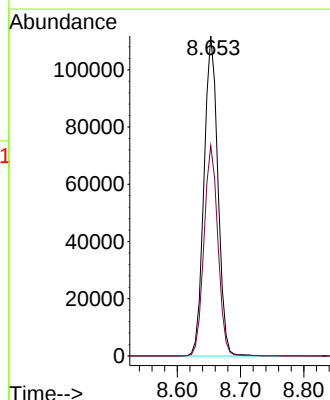
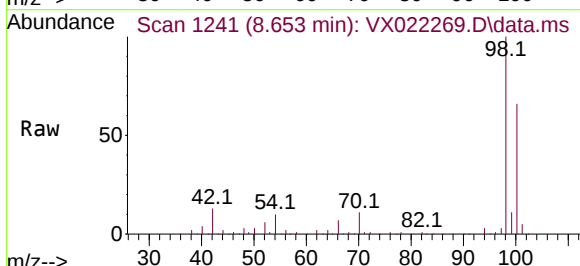
Acq: 28 May 2021 22:45

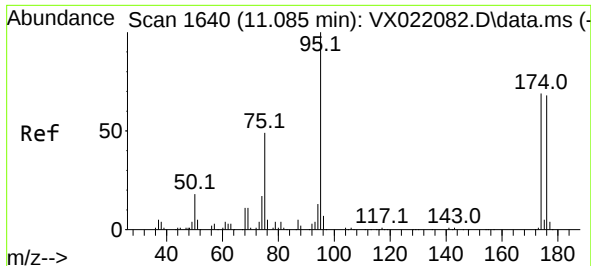
Tgt Ion: 98 Resp: 171227

Ion Ratio Lower Upper

98 100

100 65.9 51.9 77.9

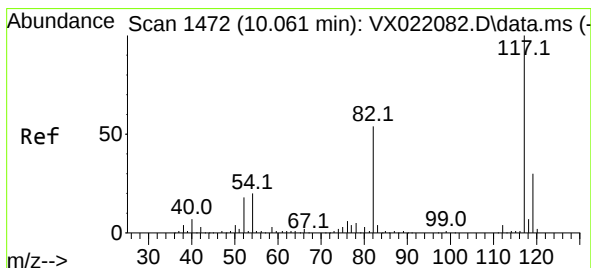
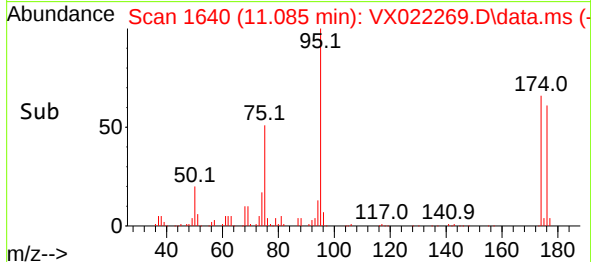
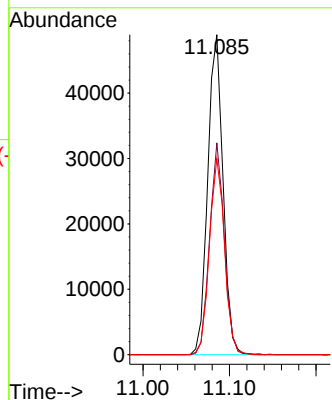
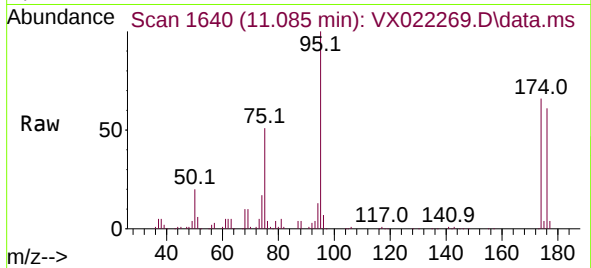




#62  
4-Bromofluorobenzene  
Concen: 47.22 ug/l  
RT: 11.085 min Scan# 1640  
Delta R.T. 0.000 min  
Lab File: VX022269.D  
Acq: 28 May 2021 22:45

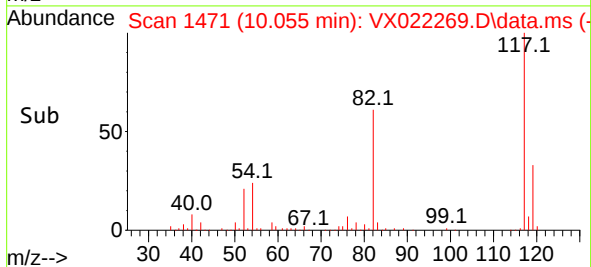
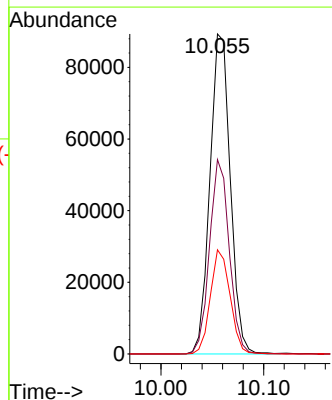
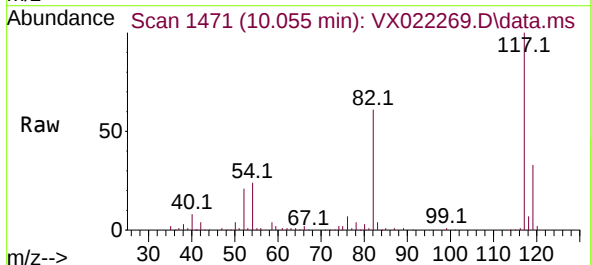
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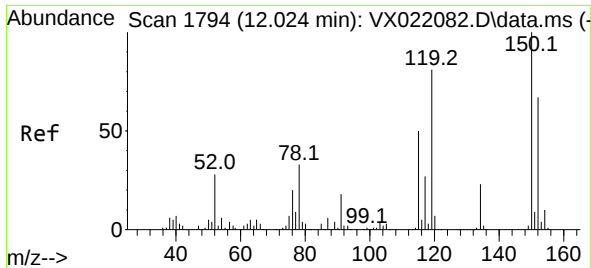
Tgt Ion: 95 Resp: 59884  
Ion Ratio Lower Upper  
95 100  
174 63.7 0.0 154.6  
176 60.5 0.0 155.8



#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. -0.006 min  
Lab File: VX022269.D  
Acq: 28 May 2021 22:45

Tgt Ion: 117 Resp: 123346  
Ion Ratio Lower Upper  
117 100  
82 60.8 47.4 71.2  
119 32.6 26.6 39.8





#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.00 ug/l  
 RT: 12.024 min Scan# 1794  
 Delta R.T. 0.000 min  
 Lab File: VX022269.D  
 Acq: 28 May 2021 22:45

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
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Tgt Ion:152 Resp: 47620  
 Ion Ratio Lower Upper  
 152 100  
 115 69.2 41.1 123.3  
 150 159.6 0.0 349.0

