

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX070721\  
 Data File : VX023166.D  
 Acq On : 07 Jul 2021 12:43  
 Operator : JC/MD  
 Sample : M2939-02  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 EB-01-070221

Quant Time: Jul 08 03:18:00 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

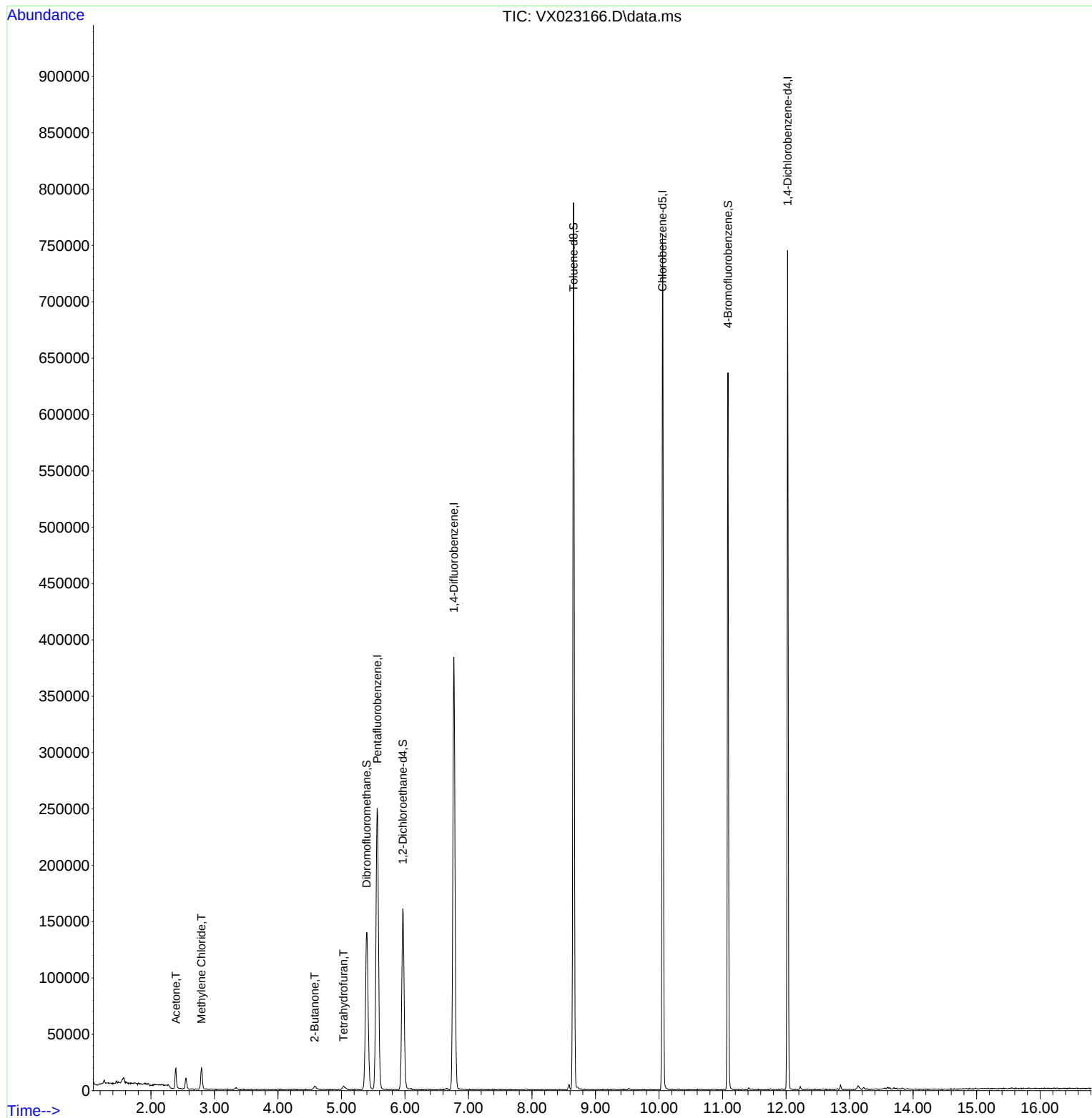
| Compound                    | R.T. QIon |       | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|-----------|-------|----------|----------|--------|----------|
| -----                       |           |       |          |          |        |          |
| Internal Standards          |           |       |          |          |        |          |
| 1) Pentafluorobenzene       | 5.562     | 168   | 230943   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.769     | 114   | 382774   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 10.055    | 117   | 340485   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.024    | 152   | 143876   | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds |           |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 5.964     | 65    | 160955   | 51.856   | ug/l   | 0.00     |
| Spiked Amount               | 50.000    | Range | 78 - 117 | Recovery | =      | 103.720% |
| 35) Dibromofluoromethane    | 5.397     | 113   | 121280   | 49.066   | ug/l   | 0.00     |
| Spiked Amount               | 50.000    | Range | 75 - 124 | Recovery | =      | 98.140%  |
| 50) Toluene-d8              | 8.653     | 98    | 449589   | 48.760   | ug/l   | 0.00     |
| Spiked Amount               | 50.000    | Range | 92 - 112 | Recovery | =      | 97.520%  |
| 62) 4-Bromofluorobenzene    | 11.085    | 95    | 164873   | 46.318   | ug/l   | 0.00     |
| Spiked Amount               | 50.000    | Range | 83 - 123 | Recovery | =      | 92.640%  |
| Target Compounds            |           |       |          |          |        |          |
|                             |           |       |          |          |        | Qvalue   |
| 16) Acetone                 | 2.392     | 43    | 19417    | 15.812   | ug/l # | 88       |
| 20) Methylene Chloride      | 2.794     | 84    | 8886     | 3.361    | ug/l   | 98       |
| 25) 2-Butanone              | 4.574     | 43    | 5174     | 2.794    | ug/l   | 91       |
| 29) Tetrahydrofuran         | 5.032     | 42    | 2934     | 2.465    | ug/l # | 84       |
| -----                       |           |       |          |          |        |          |

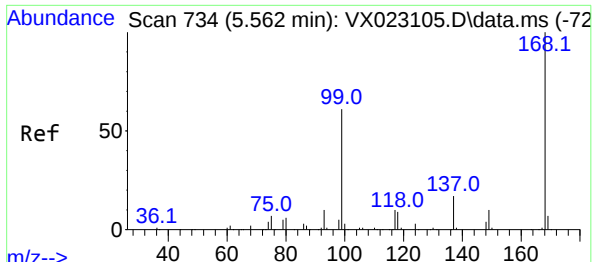
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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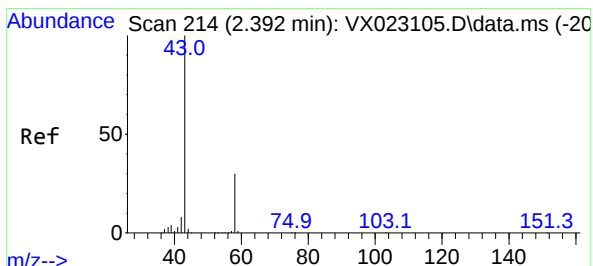
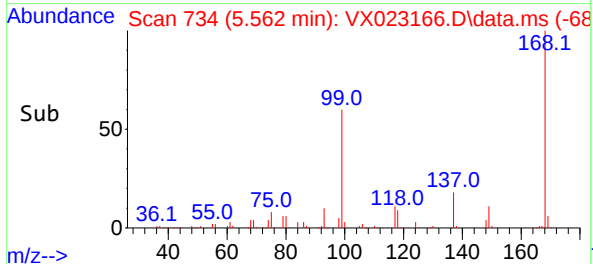
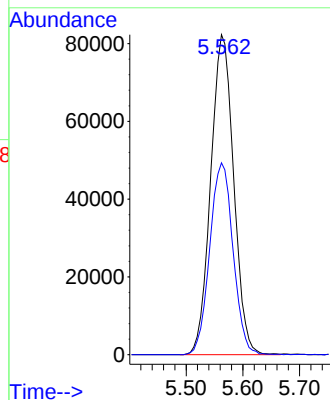
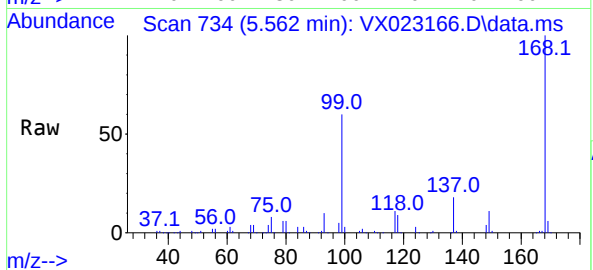




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.562 min Scan# 734  
Delta R.T. 0.000 min  
Lab File: VX023166.D  
Acq: 07 Jul 2021 12:43

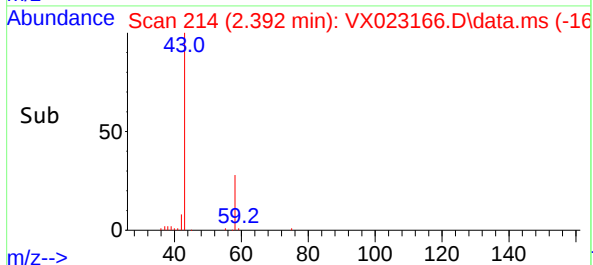
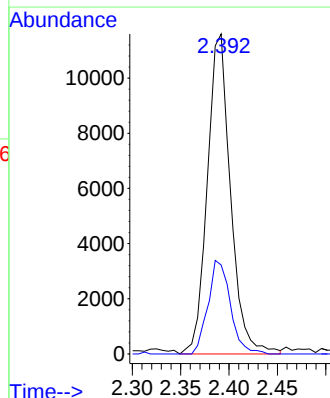
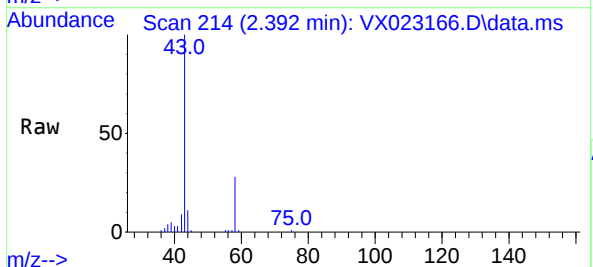
Instrument :  
MSVOA\_X  
ClientSampleId :  
EB-01-070221

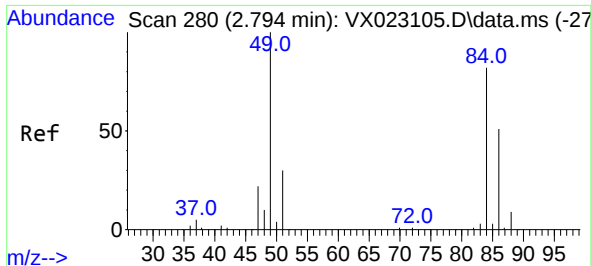
Tgt Ion:168 Resp: 230943  
Ion Ratio Lower Upper  
168 100  
99 60.0 45.8 68.6



#16  
Acetone  
Concen: 15.812 ug/l  
RT: 2.392 min Scan# 214  
Delta R.T. -0.000 min  
Lab File: VX023166.D  
Acq: 07 Jul 2021 12:43

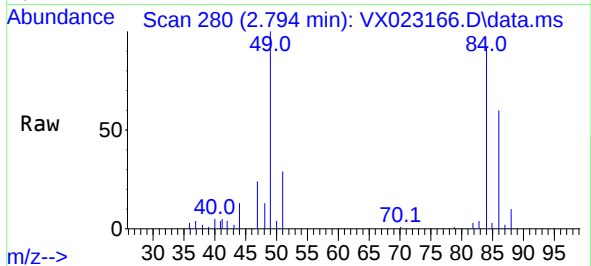
Tgt Ion: 43 Resp: 19417  
Ion Ratio Lower Upper  
43 100  
58 27.8 27.8 41.8#



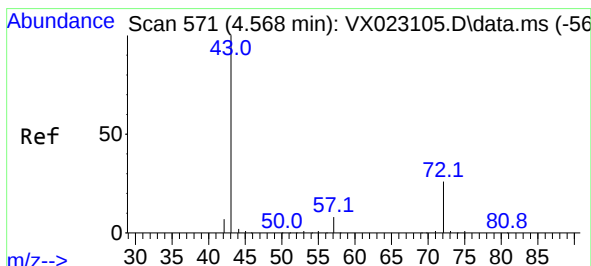
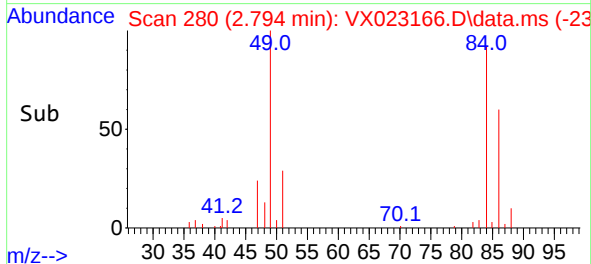
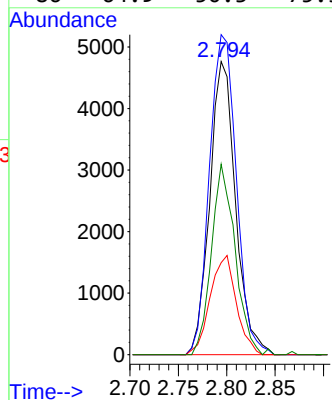


#20  
Methylene Chloride  
Concen: 3.361 ug/l  
RT: 2.794 min Scan# 280  
Delta R.T. 0.000 min  
Lab File: VX023166.D  
Acq: 07 Jul 2021 12:43

Instrument :  
MSVOA\_X  
ClientSampleId :  
EB-01-070221

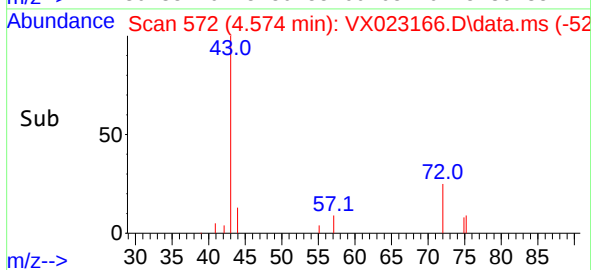
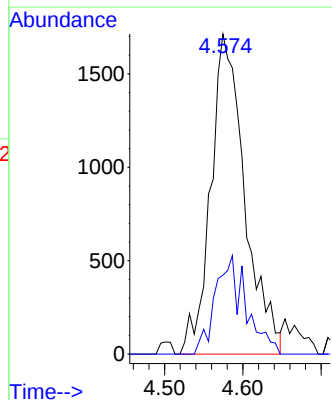
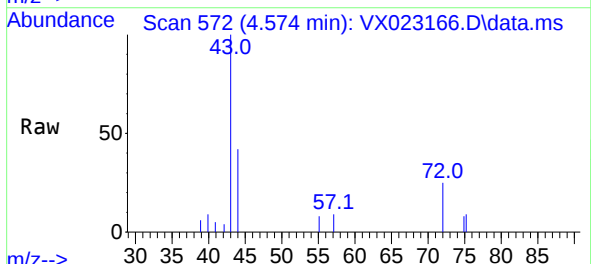


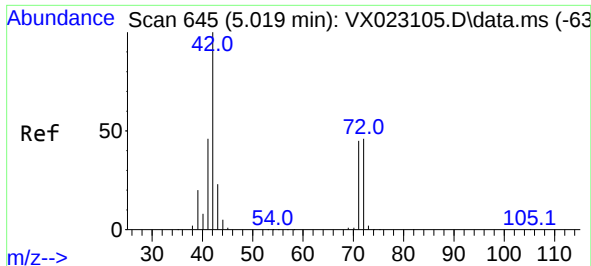
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 84    | Resp: | 8886  |
| Ion      | Ratio | Lower | Upper |
| 84       | 100   |       |       |
| 49       | 109.2 | 88.6  | 132.8 |
| 51       | 31.4  | 27.0  | 40.6  |
| 86       | 64.9  | 50.3  | 75.5  |



#25  
2-Butanone  
Concen: 2.794 ug/l  
RT: 4.574 min Scan# 572  
Delta R.T. 0.006 min  
Lab File: VX023166.D  
Acq: 07 Jul 2021 12:43

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 5174  |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 72       | 24.6  | 23.7  | 35.5  |

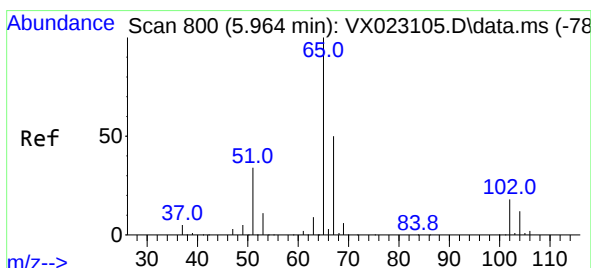
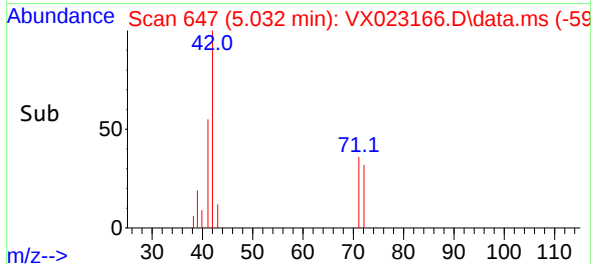
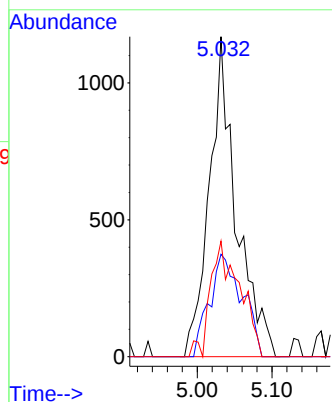
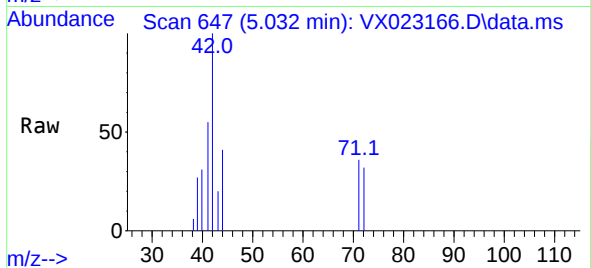




#29  
Tetrahydrofuran  
Concen: 2.465 ug/l  
RT: 5.032 min Scan# 647  
Delta R.T. 0.013 min  
Lab File: VX023166.D  
Acq: 07 Jul 2021 12:43

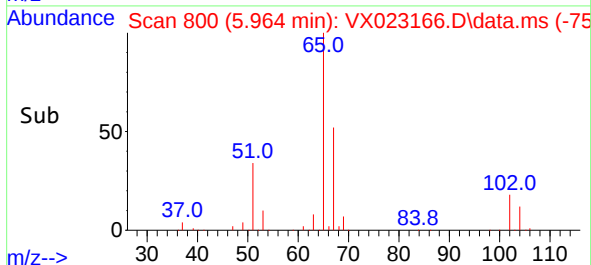
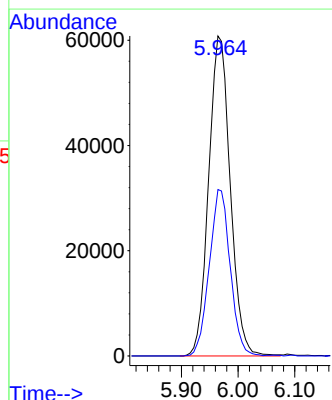
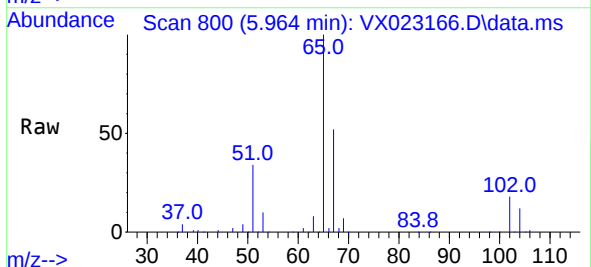
Instrument :  
MSVOA\_X  
ClientSampled :  
EB-01-070221

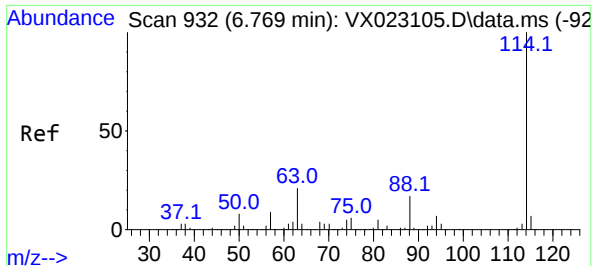
Tgt Ion: 42 Resp: 2934  
Ion Ratio Lower Upper  
42 100  
72 38.9 41.7 62.5#  
71 39.6 38.4 57.6



#33  
1,2-Dichloroethane-d4  
Concen: 51.856 ug/l  
RT: 5.964 min Scan# 800  
Delta R.T. 0.000 min  
Lab File: VX023166.D  
Acq: 07 Jul 2021 12:43

Tgt Ion: 65 Resp: 160955  
Ion Ratio Lower Upper  
65 100  
67 50.3 0.0 105.4

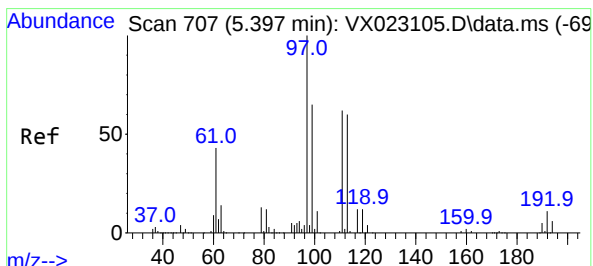
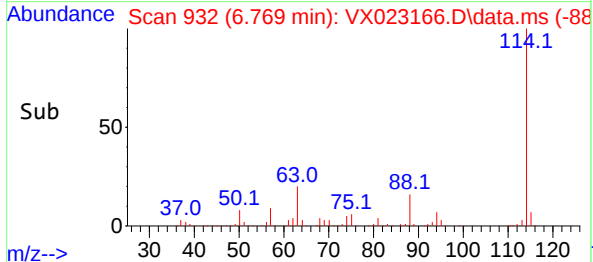
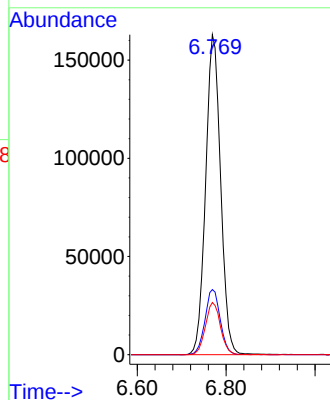
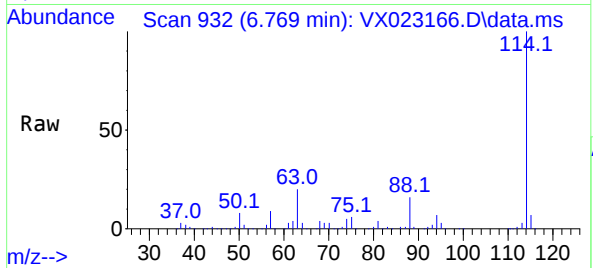




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.769 min Scan# 932  
Delta R.T. 0.000 min  
Lab File: VX023166.D  
Acq: 07 Jul 2021 12:43

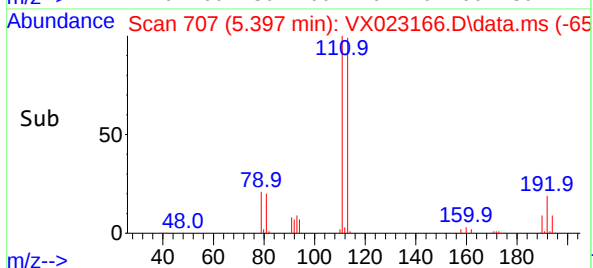
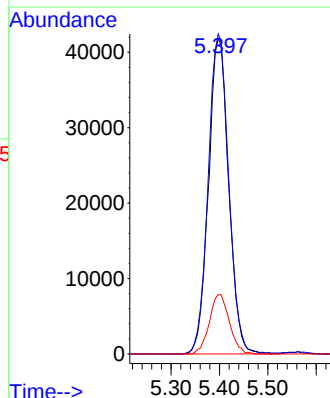
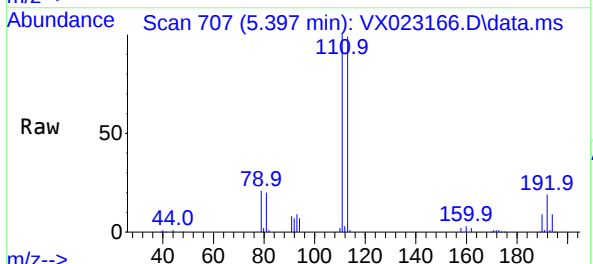
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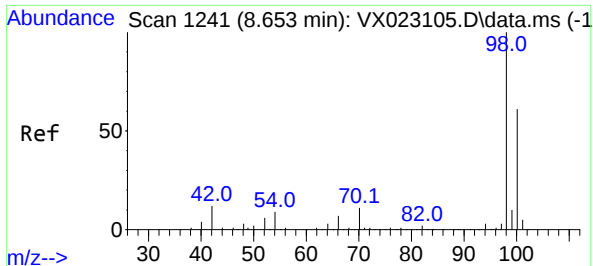
Tgt Ion:114 Resp: 382774  
Ion Ratio Lower Upper  
114 100  
63 20.4 0.0 40.8  
88 16.3 0.0 32.8



#35  
Dibromofluoromethane  
Concen: 49.066 ug/l  
RT: 5.397 min Scan# 707  
Delta R.T. 0.000 min  
Lab File: VX023166.D  
Acq: 07 Jul 2021 12:43

Tgt Ion:113 Resp: 121280  
Ion Ratio Lower Upper  
113 100  
111 103.2 81.9 122.9  
192 18.7 16.7 25.1

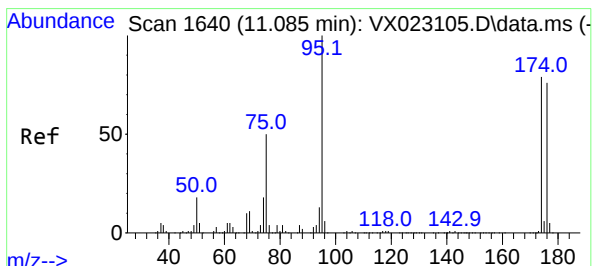
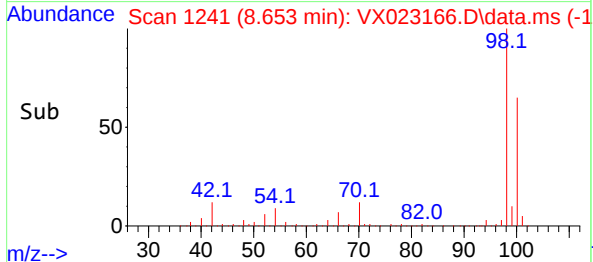
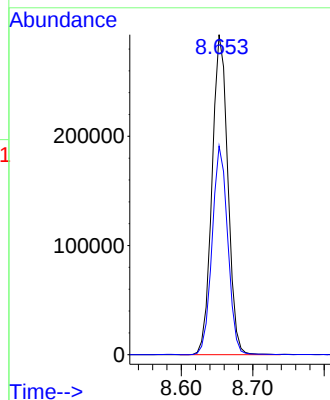
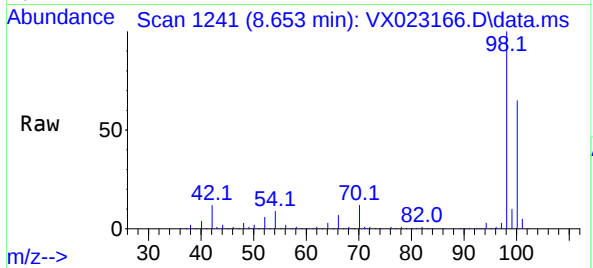




#50  
Toluene-d8  
Concen: 48.760 ug/l  
RT: 8.653 min Scan# 1241  
Delta R.T. -0.000 min  
Lab File: VX023166.D  
Acq: 07 Jul 2021 12:43

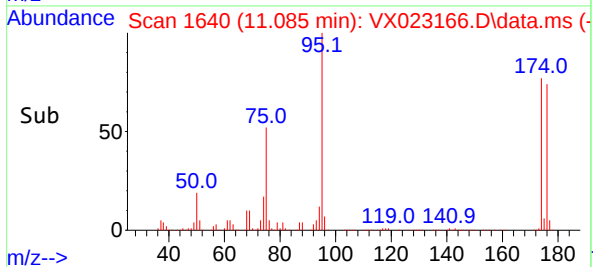
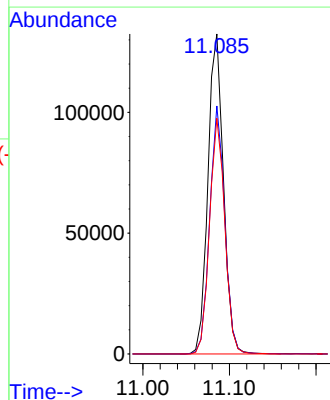
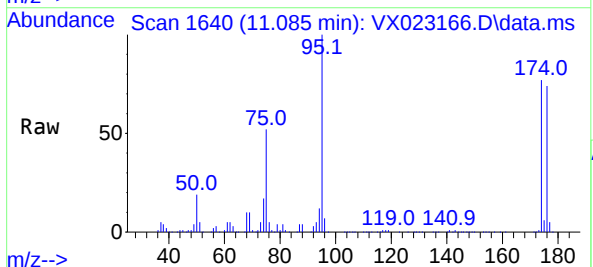
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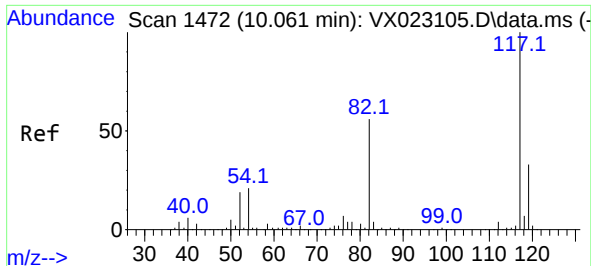
Tgt Ion: 98 Resp: 449589  
Ion Ratio Lower Upper  
98 100  
100 64.5 51.9 77.9



#62  
4-Bromofluorobenzene  
Concen: 46.318 ug/l  
RT: 11.085 min Scan# 1640  
Delta R.T. 0.000 min  
Lab File: VX023166.D  
Acq: 07 Jul 2021 12:43

Tgt Ion: 95 Resp: 164873  
Ion Ratio Lower Upper  
95 100  
174 75.2 0.0 154.6  
176 72.4 0.0 155.8

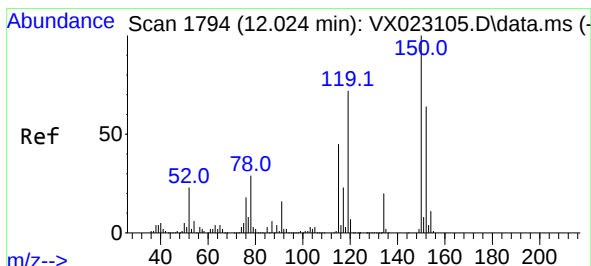
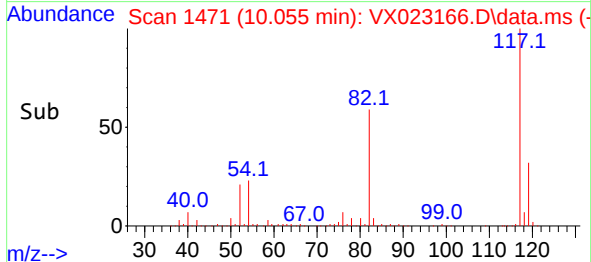
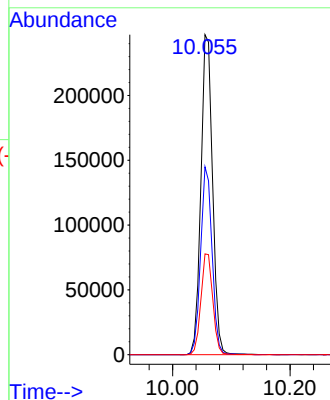
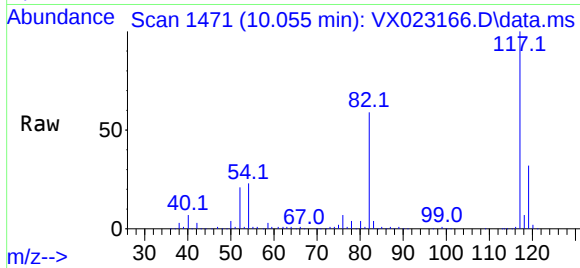




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. -0.006 min  
Lab File: VX023166.D  
Acq: 07 Jul 2021 12:43

Instrument :  
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ClientSampleId :  
EB-01-070221

Tgt Ion:117 Resp: 340485  
Ion Ratio Lower Upper  
117 100  
82 58.7 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: VX023166.D  
Acq: 07 Jul 2021 12:43

Tgt Ion:152 Resp: 143876  
Ion Ratio Lower Upper  
152 100  
115 62.3 41.1 123.3  
150 156.7 0.0 349.0

