

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX070621\  
 Data File : VX023146.D  
 Acq On : 06 Jul 2021 15:19  
 Operator : JC/MD  
 Sample : M2920-01  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 MW-2

Quant Time: Jul 07 02:52:30 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

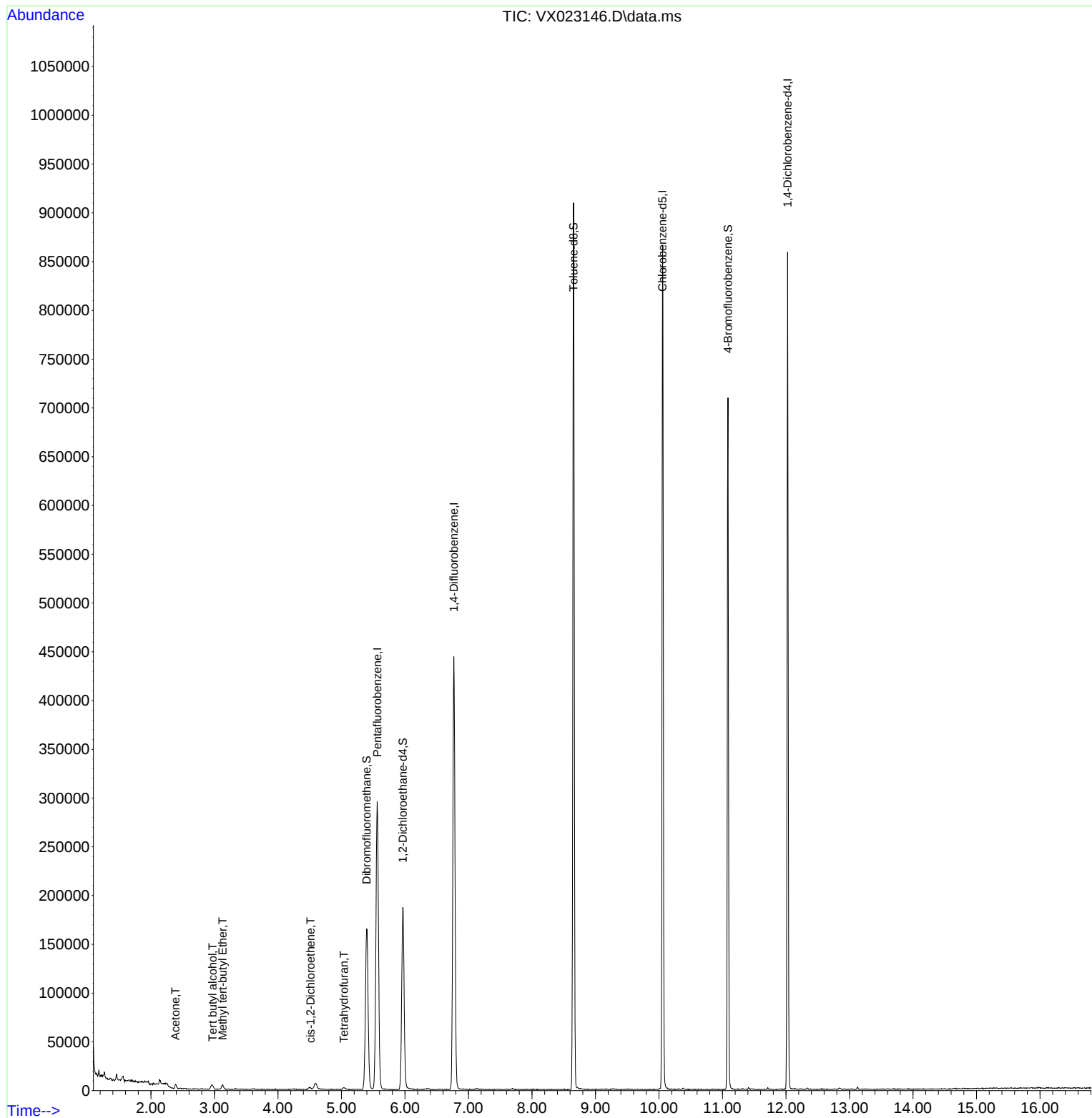
| Compound                    | R.T. QIon |                | Response | Conc   | Units    | Dev(Min) |
|-----------------------------|-----------|----------------|----------|--------|----------|----------|
| -----                       |           |                |          |        |          |          |
| Internal Standards          |           |                |          |        |          |          |
| 1) Pentafluorobenzene       | 5.562     | 168            | 272665   | 50.000 | ug/l     | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.769     | 114            | 444106   | 50.000 | ug/l     | 0.00     |
| 63) Chlorobenzene-d5        | 10.055    | 117            | 391253   | 50.000 | ug/l     | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.024    | 152            | 166201   | 50.000 | ug/l     | 0.00     |
| System Monitoring Compounds |           |                |          |        |          |          |
| 33) 1,2-Dichloroethane-d4   | 5.964     | 65             | 185969   | 50.747 | ug/l     | 0.00     |
| Spiked Amount               | 50.000    | Range 78 - 117 | Recovery | =      | 101.500% |          |
| 35) Dibromofluoromethane    | 5.398     | 113            | 144263   | 50.304 | ug/l     | 0.00     |
| Spiked Amount               | 50.000    | Range 75 - 124 | Recovery | =      | 100.600% |          |
| 50) Toluene-d8              | 8.653     | 98             | 523451   | 48.931 | ug/l     | 0.00     |
| Spiked Amount               | 50.000    | Range 92 - 112 | Recovery | =      | 97.860%  |          |
| 62) 4-Bromofluorobenzene    | 11.086    | 95             | 189224   | 45.818 | ug/l     | 0.00     |
| Spiked Amount               | 50.000    | Range 83 - 123 | Recovery | =      | 91.640%  |          |
| Target Compounds            |           |                |          |        |          |          |
|                             |           |                |          |        | Qvalue   |          |
| 11) Tert butyl alcohol      | 2.971     | 59             | 4499     | 5.836  | ug/l     | 99       |
| 16) Acetone                 | 2.386     | 43             | 4089     | 2.820  | ug/l #   | 84       |
| 19) Methyl tert-butyl Ether | 3.130     | 73             | 4666     | 0.513  | ug/l     | 93       |
| 27) cis-1,2-Dichloroethene  | 4.514     | 96             | 1514     | 0.476  | ug/l #   | 66       |
| 29) Tetrahydrofuran         | 5.038     | 42             | 1678     | 1.194  | ug/l     | 96       |
| -----                       |           |                |          |        |          |          |

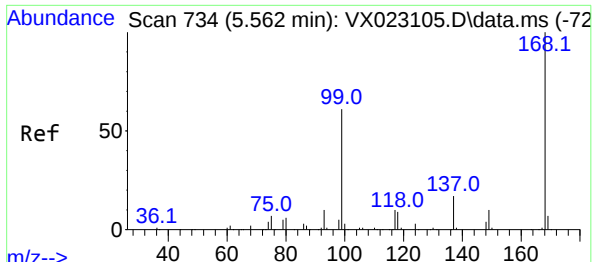
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260  
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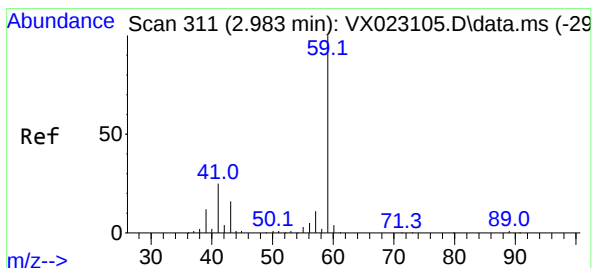
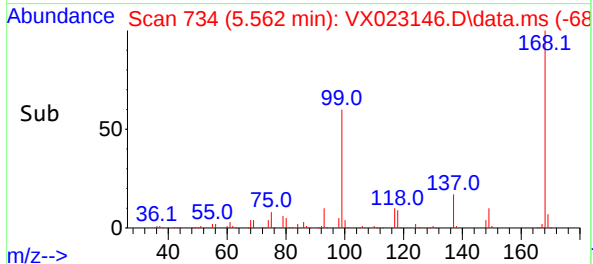
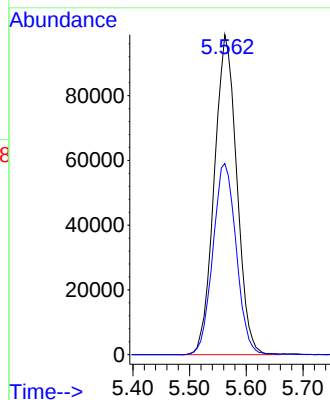
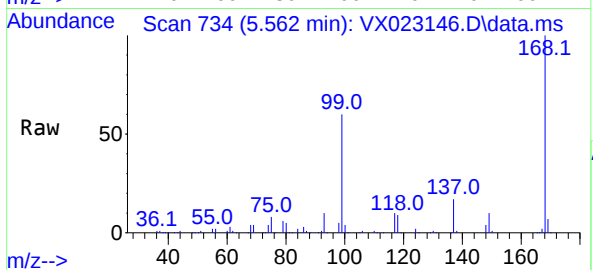




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.562 min Scan# 734  
Delta R.T. 0.000 min  
Lab File: VX023146.D  
Acq: 06 Jul 2021 15:19

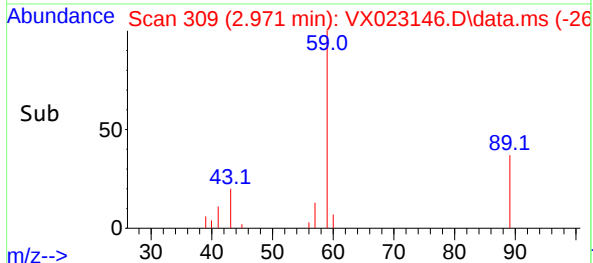
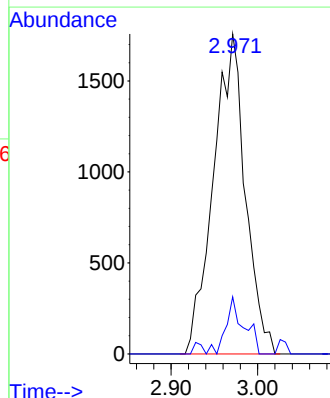
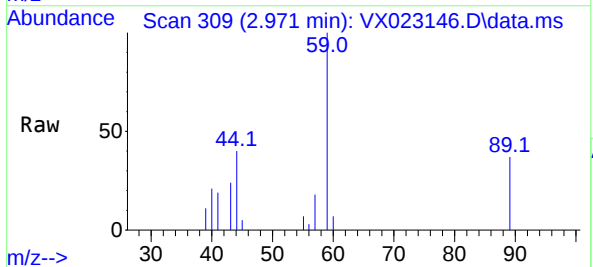
Instrument :  
MSVOA\_X  
ClientSampled :  
MW-2

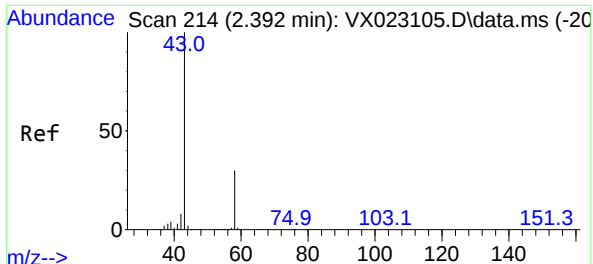
Tgt Ion:168 Resp: 272665  
Ion Ratio Lower Upper  
168 100  
99 59.8 45.8 68.6



#11  
Tert butyl alcohol  
Concen: 5.836 ug/l  
RT: 2.971 min Scan# 309  
Delta R.T. -0.012 min  
Lab File: VX023146.D  
Acq: 06 Jul 2021 15:19

Tgt Ion: 59 Resp: 4499  
Ion Ratio Lower Upper  
59 100  
57 10.0 7.8 11.8

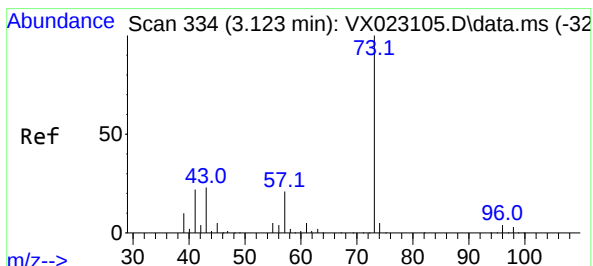
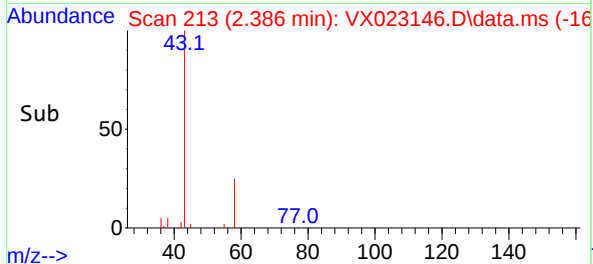
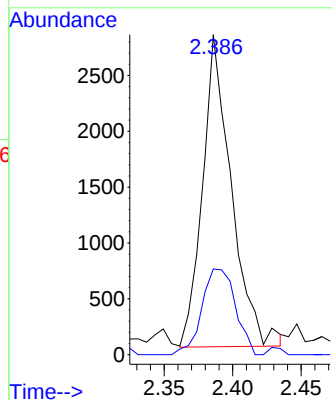
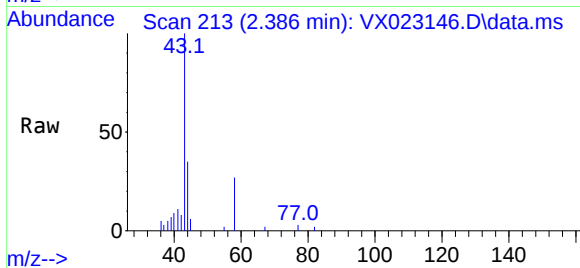




#16  
Acetone  
Concen: 2.820 ug/l  
RT: 2.386 min Scan# 213  
Delta R.T. -0.006 min  
Lab File: VX023146.D  
Acq: 06 Jul 2021 15:19

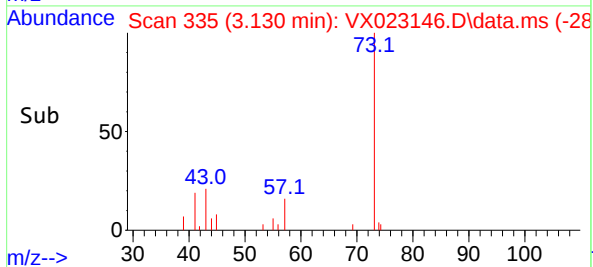
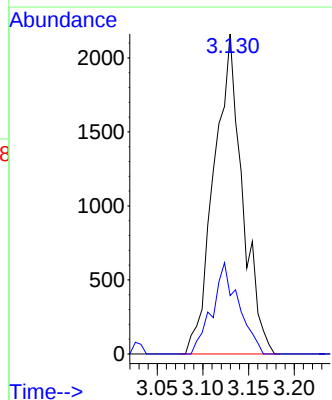
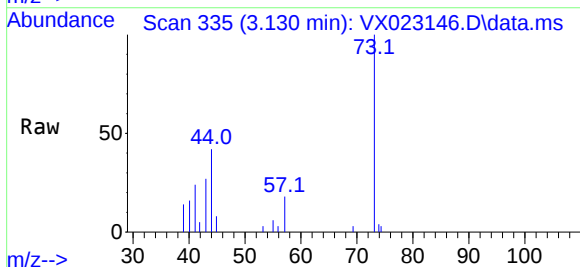
Instrument :  
MSVOA\_X  
ClientSampled :  
MW-2

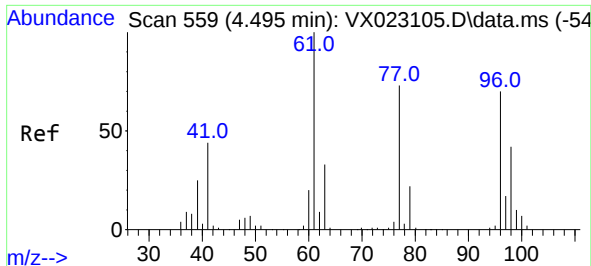
Tgt Ion: 43 Resp: 4089  
Ion Ratio Lower Upper  
43 100  
58 25.8 27.8 41.8#



#19  
Methyl tert-butyl Ether  
Concen: 0.513 ug/l  
RT: 3.130 min Scan# 335  
Delta R.T. 0.007 min  
Lab File: VX023146.D  
Acq: 06 Jul 2021 15:19

Tgt Ion: 73 Resp: 4666  
Ion Ratio Lower Upper  
73 100  
57 18.2 17.1 25.7



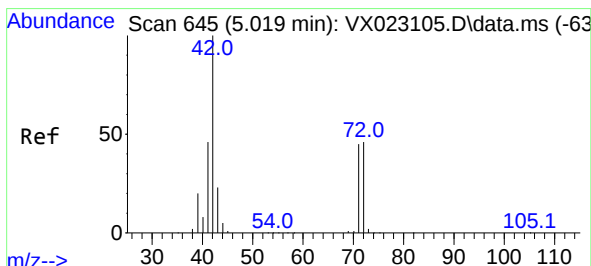
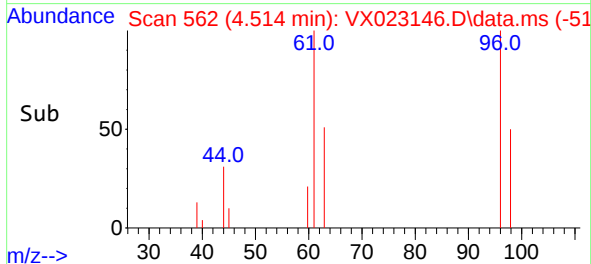
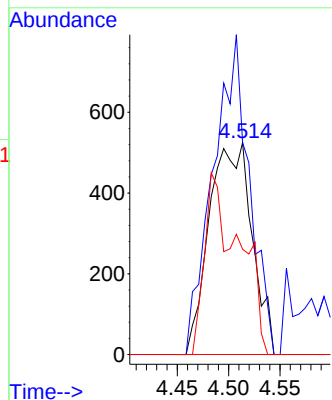
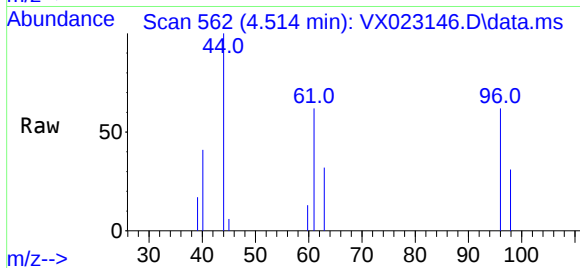


#27  
cis-1,2-Dichloroethene  
Concen: 0.476 ug/l  
RT: 4.514 min Scan# 562  
Delta R.T. 0.019 min  
Lab File: VX023146.D  
Acq: 06 Jul 2021 15:19

Instrument :  
MSVOA\_X  
ClientSampled :  
MW-2

Tgt Ion: 96 Resp: 1514

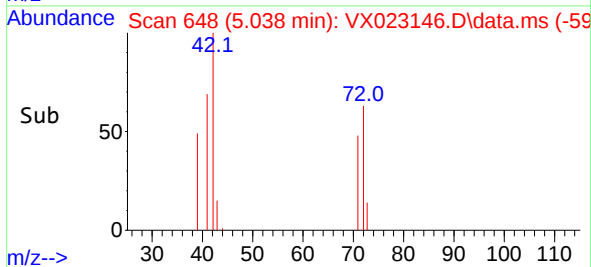
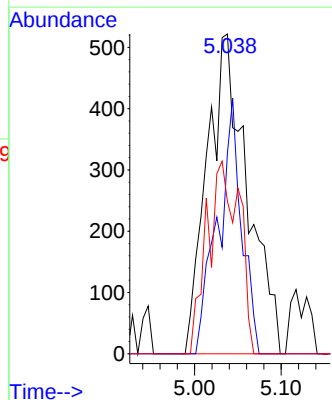
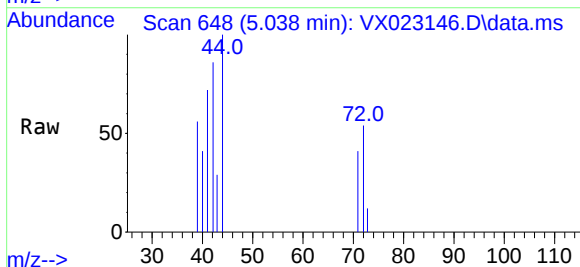
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 96  | 100   |       |       |
| 61  | 128.3 | 0.0   | 285.6 |
| 98  | 0.0   | 0.0   | 129.6 |

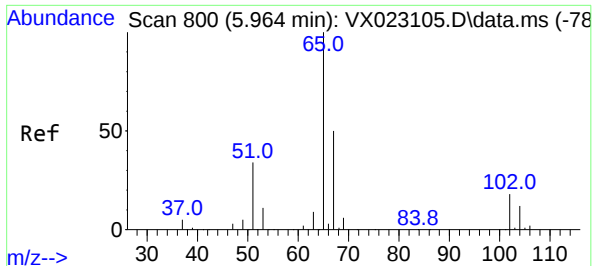


#29  
Tetrahydrofuran  
Concen: 1.194 ug/l  
RT: 5.038 min Scan# 648  
Delta R.T. 0.019 min  
Lab File: VX023146.D  
Acq: 06 Jul 2021 15:19

Tgt Ion: 42 Resp: 1678

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 42  | 100   |       |       |
| 72  | 47.3  | 41.7  | 62.5  |
| 71  | 48.5  | 38.4  | 57.6  |



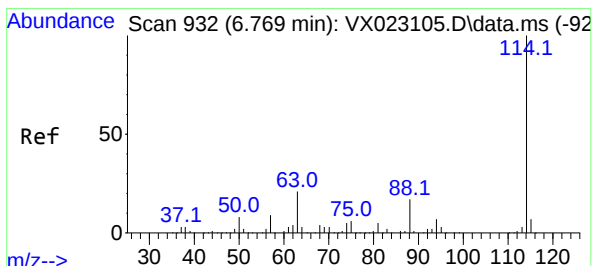
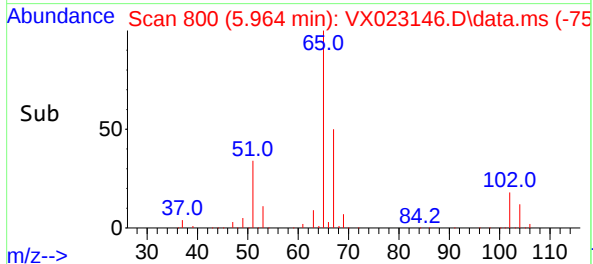
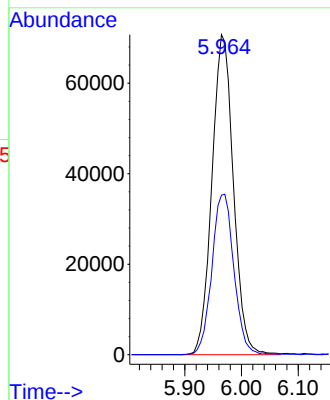
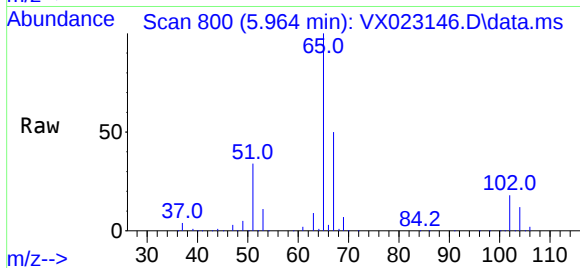


#33

1,2-Dichloroethane-d4  
Concen: 50.747 ug/l  
RT: 5.964 min Scan# 800  
Delta R.T. 0.000 min  
Lab File: VX023146.D  
Acq: 06 Jul 2021 15:19

Tgt Ion: 65 Resp: 185969  
Ion Ratio Lower Upper  
65 100  
67 51.6 0.0 105.4

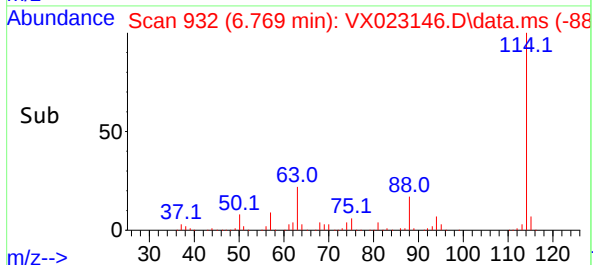
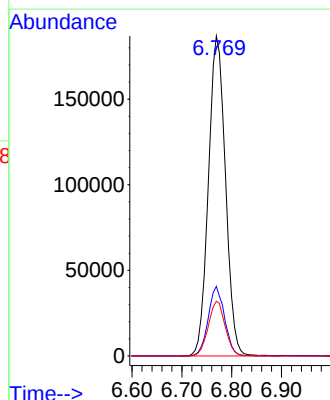
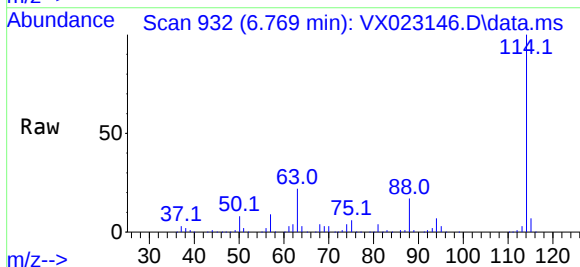
Instrument :  
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MW-2

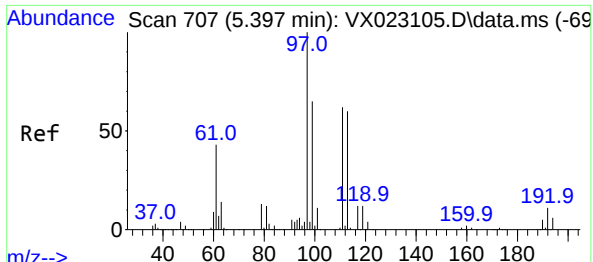


#34

1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.769 min Scan# 932  
Delta R.T. 0.000 min  
Lab File: VX023146.D  
Acq: 06 Jul 2021 15:19

Tgt Ion: 114 Resp: 444106  
Ion Ratio Lower Upper  
114 100  
63 21.8 0.0 40.8  
88 17.1 0.0 32.8

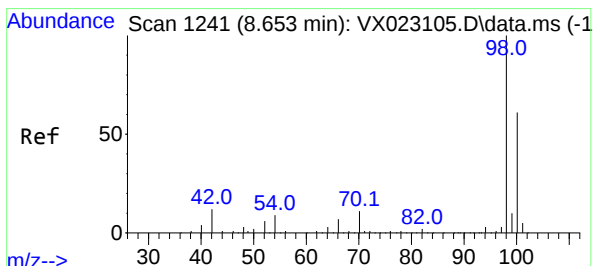
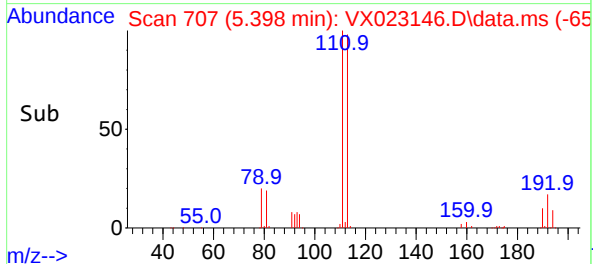
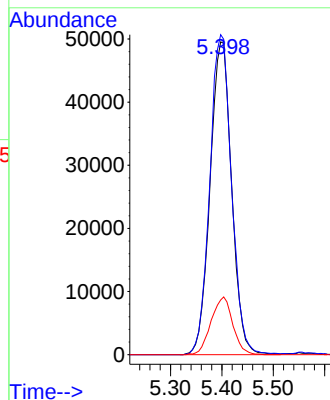
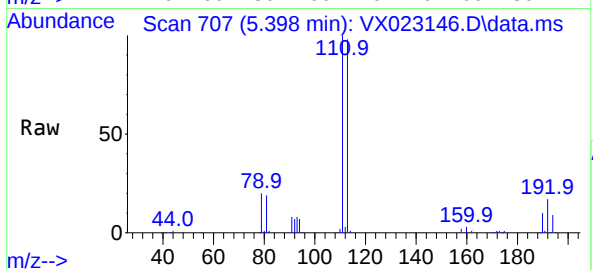




#35  
Dibromofluoromethane  
Concen: 50.304 ug/l  
RT: 5.398 min Scan# 707  
Delta R.T. 0.001 min  
Lab File: VX023146.D  
Acq: 06 Jul 2021 15:19

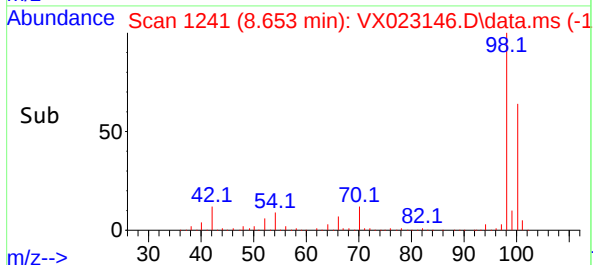
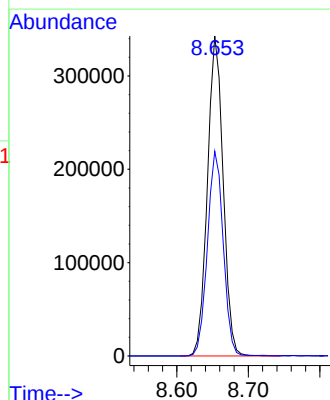
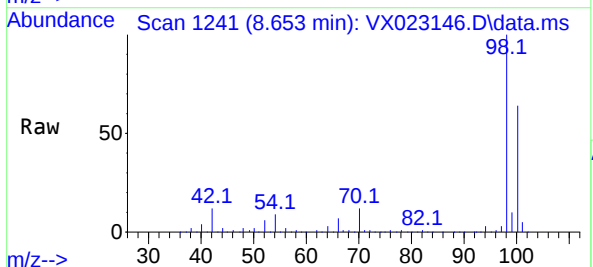
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-2

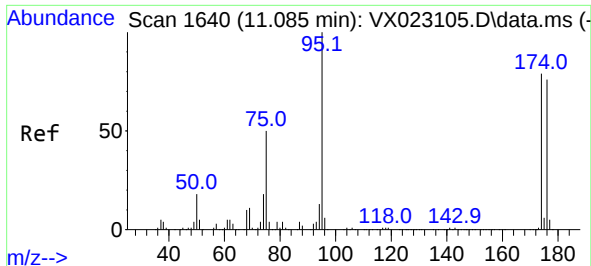
Tgt Ion:113 Resp: 144263  
Ion Ratio Lower Upper  
113 100  
111 103.3 81.9 122.9  
192 18.6 16.7 25.1



#50  
Toluene-d8  
Concen: 48.931 ug/l  
RT: 8.653 min Scan# 1241  
Delta R.T. 0.000 min  
Lab File: VX023146.D  
Acq: 06 Jul 2021 15:19

Tgt Ion: 98 Resp: 523451  
Ion Ratio Lower Upper  
98 100  
100 64.3 51.9 77.9

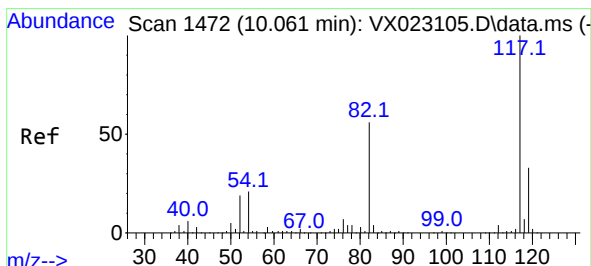
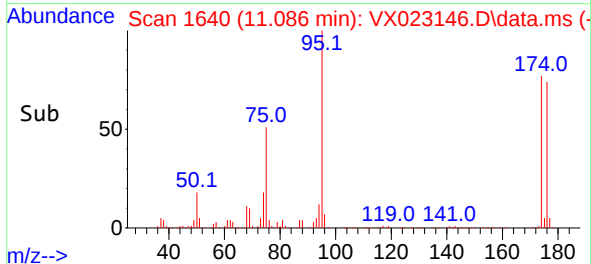
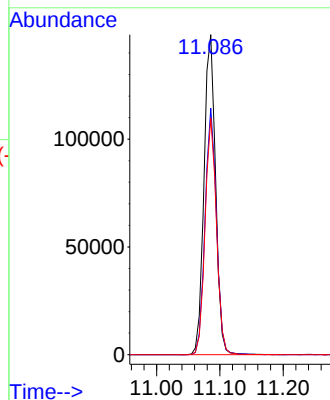
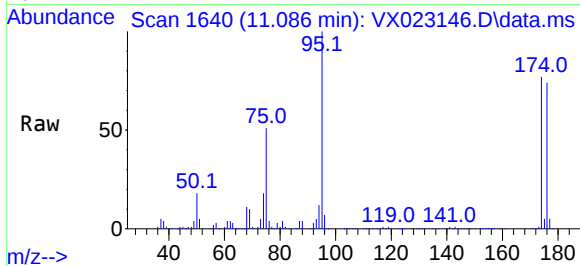




#62  
4-Bromofluorobenzene  
Concen: 45.818 ug/l  
RT: 11.086 min Scan# 1640  
Delta R.T. 0.001 min  
Lab File: VX023146.D  
Acq: 06 Jul 2021 15:19

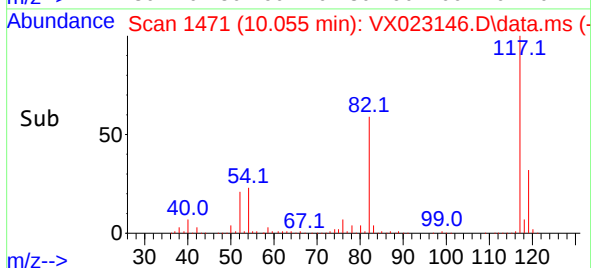
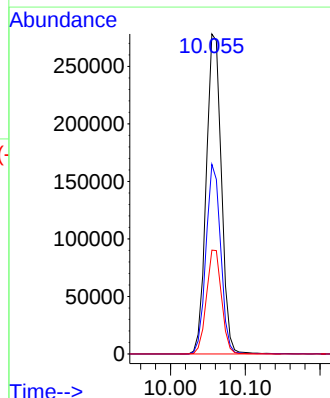
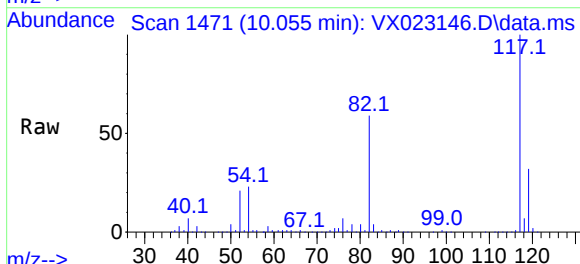
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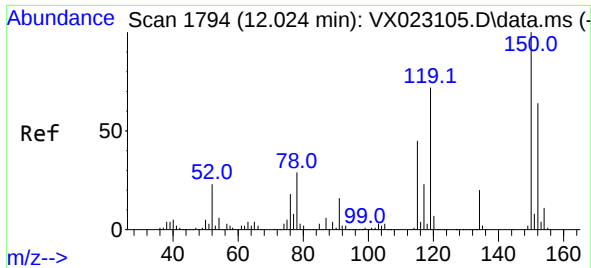
Tgt Ion: 95 Resp: 189224  
Ion Ratio Lower Upper  
95 100  
174 75.9 0.0 154.6  
176 72.6 0.0 155.8



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. -0.006 min  
Lab File: VX023146.D  
Acq: 06 Jul 2021 15:19

Tgt Ion: 117 Resp: 391253  
Ion Ratio Lower Upper  
117 100  
82 59.2 47.4 71.2  
119 32.4 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: VX023146.D  
Acq: 06 Jul 2021 15:19

Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-2

Tgt Ion:152 Resp: 166201  
Ion Ratio Lower Upper  
152 100  
115 62.7 41.1 123.3  
150 158.8 0.0 349.0

