

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX072321\  
 Data File : VX023426.D  
 Acq On : 23 Jul 2021 16:12  
 Operator : JC/MD  
 Sample : M3146-08  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 152140-MW-6

Quant Time: Jul 24 03:45:28 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X072221W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Jul 23 06:05:38 2021  
 Response via : Initial Calibration

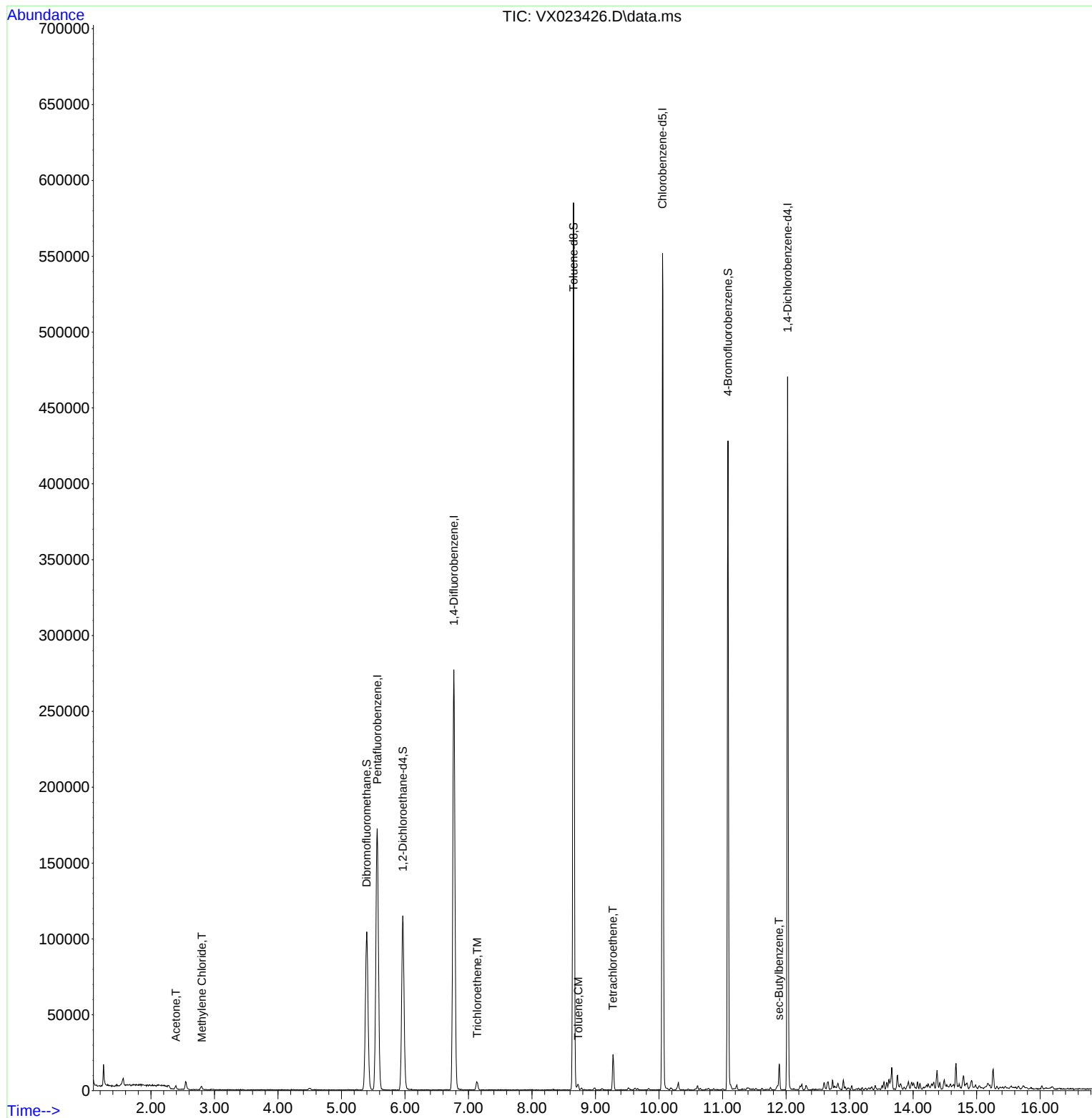
| Compound                    | R.T.           | QIon | Response            | Conc   | Units  | Dev(Min) |
|-----------------------------|----------------|------|---------------------|--------|--------|----------|
| -----                       |                |      |                     |        |        |          |
| Internal Standards          |                |      |                     |        |        |          |
| 1) Pentafluorobenzene       | 5.562          | 168  | 167271              | 50.000 | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.769          | 114  | 282252              | 50.000 | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 10.055         | 117  | 248026              | 50.000 | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.024         | 152  | 93439               | 50.000 | ug/l   | 0.00     |
|                             |                |      |                     |        |        |          |
| System Monitoring Compounds |                |      |                     |        |        |          |
| 33) 1,2-Dichloroethane-d4   | 5.964          | 65   | 107631              | 51.583 | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 78 - 117 |      | Recovery = 103.160% |        |        |          |
| 35) Dibromofluoromethane    | 5.397          | 113  | 89091               | 50.483 | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 75 - 124 |      | Recovery = 100.960% |        |        |          |
| 50) Toluene-d8              | 8.653          | 98   | 340894              | 52.576 | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 92 - 112 |      | Recovery = 105.160% |        |        |          |
| 62) 4-Bromofluorobenzene    | 11.085         | 95   | 106083              | 48.116 | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 83 - 123 |      | Recovery = 96.240%  |        |        |          |
|                             |                |      |                     |        |        |          |
| Target Compounds            |                |      |                     |        |        |          |
|                             |                |      |                     |        | Qvalue |          |
| 16) Acetone                 | 2.392          | 43   | 2283                | 2.230  | ug/l # | 81       |
| 20) Methylene Chloride      | 2.800          | 84   | 1158                | 0.582  | ug/l # | 81       |
| 44) Trichloroethene         | 7.135          | 130  | 2304                | 1.108  | ug/l   | 86       |
| 52) Toluene                 | 8.726          | 92   | 1300                | 0.277  | ug/l   | 94       |
| 64) Tetrachloroethene       | 9.275          | 164  | 4335                | 2.196  | ug/l   | 95       |
| 85) sec-Butylbenzene        | 11.890         | 105  | 9273                | 1.270  | ug/l   | 96       |
| -----                       |                |      |                     |        |        |          |

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

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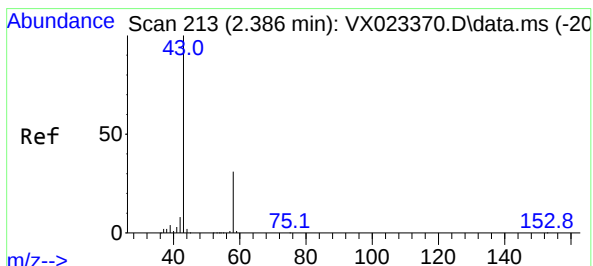
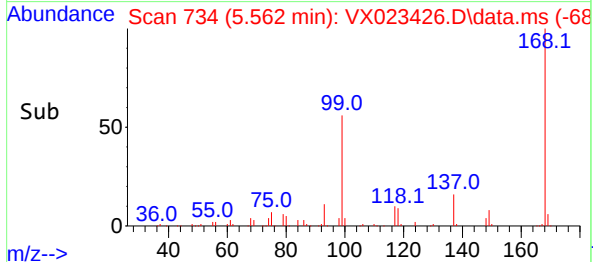
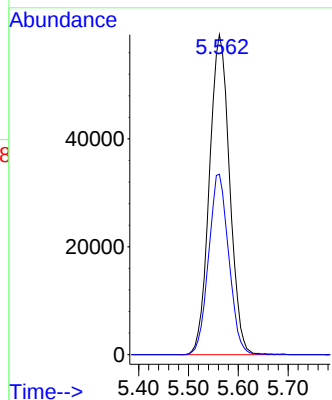
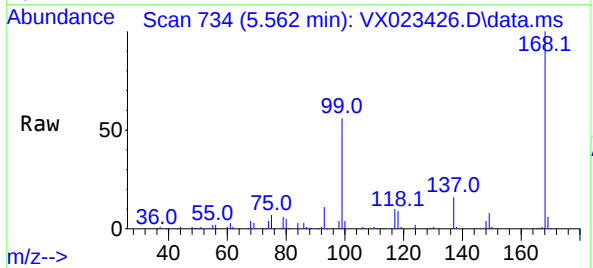




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.562 min Scan# 734  
Delta R.T. -0.000 min  
Lab File: VX023426.D  
Acq: 23 Jul 2021 16:12

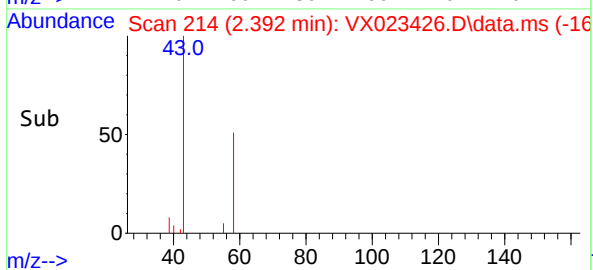
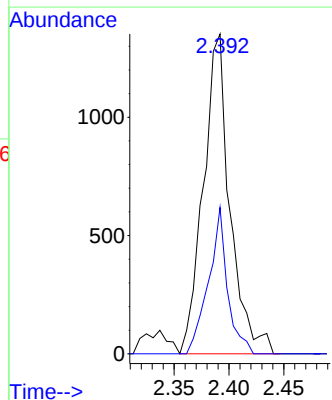
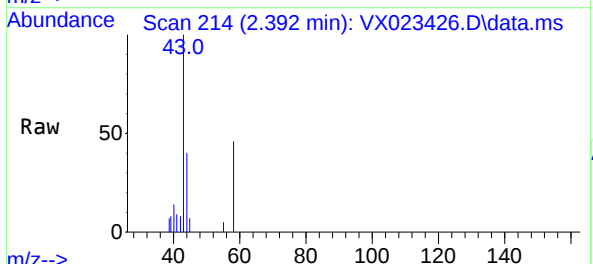
Instrument :  
MSVOA\_X  
ClientSampleId :  
152140-MW-6

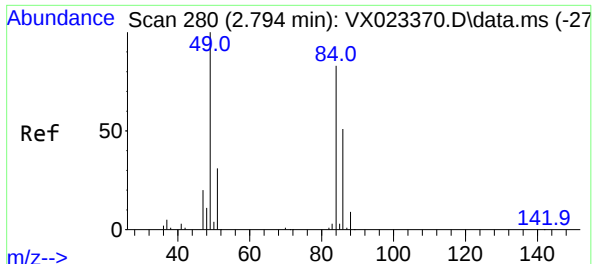
Tgt Ion:168 Resp: 167271  
Ion Ratio Lower Upper  
168 100  
99 56.4 45.8 68.6



#16  
Acetone  
Concen: 2.230 ug/l  
RT: 2.392 min Scan# 214  
Delta R.T. 0.006 min  
Lab File: VX023426.D  
Acq: 23 Jul 2021 16:12

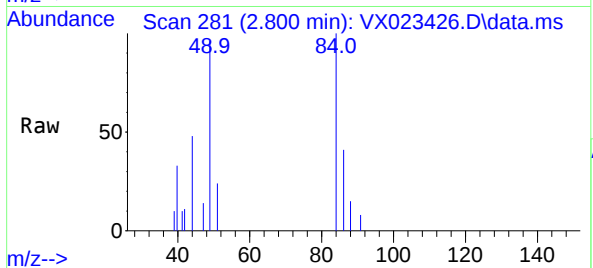
Tgt Ion: 43 Resp: 2283  
Ion Ratio Lower Upper  
43 100  
58 45.8 27.8 41.8#



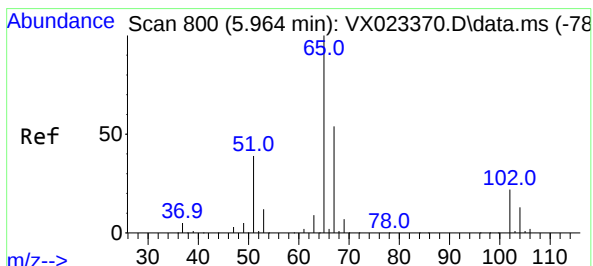
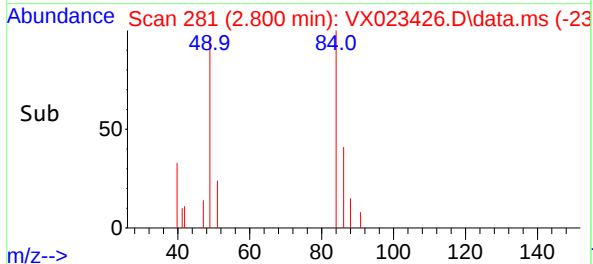
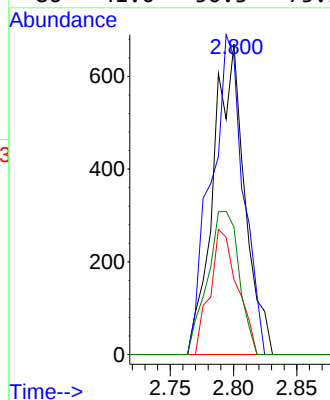


#20  
Methylene Chloride  
Concen: 0.582 ug/l  
RT: 2.800 min Scan# 281  
Delta R.T. 0.006 min  
Lab File: VX023426.D  
Acq: 23 Jul 2021 16:12

Instrument :  
MSVOA\_X  
ClientSampleId :  
152140-MW-6

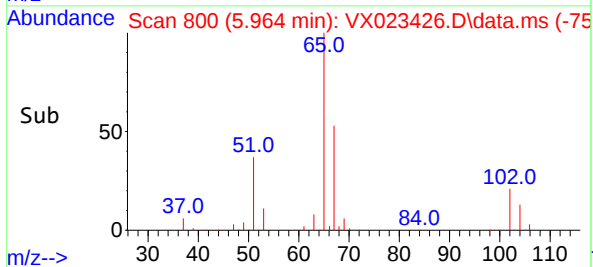
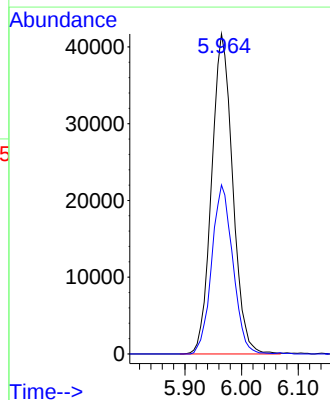
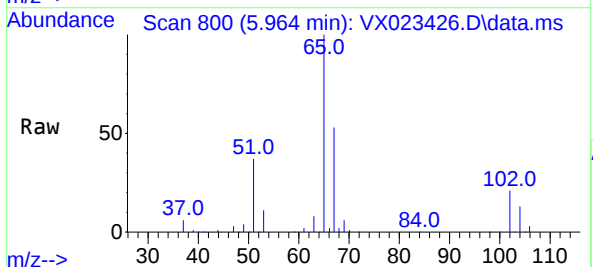


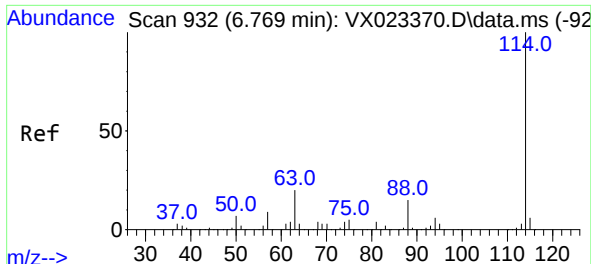
Tgt Ion: 84 Resp: 1158  
Ion Ratio Lower Upper  
84 100  
49 95.8 88.6 132.8  
51 24.2 27.0 40.6#  
86 41.0 50.3 75.5#



#33  
1,2-Dichloroethane-d4  
Concen: 51.583 ug/l  
RT: 5.964 min Scan# 800  
Delta R.T. 0.000 min  
Lab File: VX023426.D  
Acq: 23 Jul 2021 16:12

Tgt Ion: 65 Resp: 107631  
Ion Ratio Lower Upper  
65 100  
67 53.0 0.0 105.4

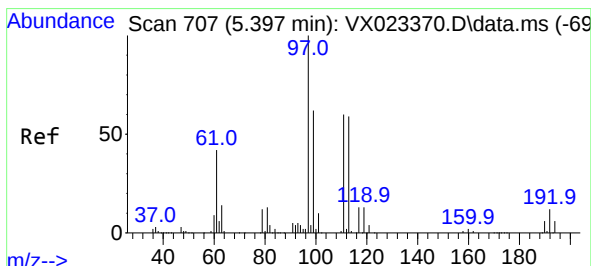
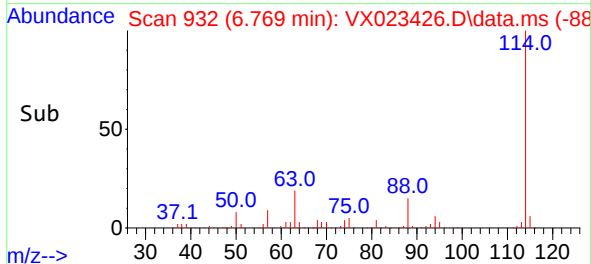
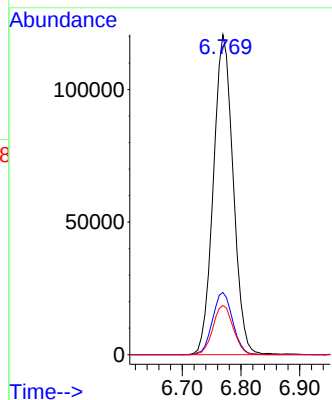
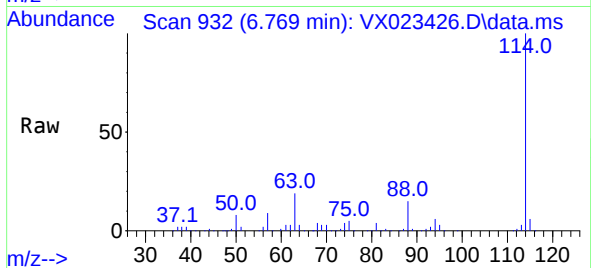




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.769 min Scan# 932  
Delta R.T. 0.000 min  
Lab File: VX023426.D  
Acq: 23 Jul 2021 16:12

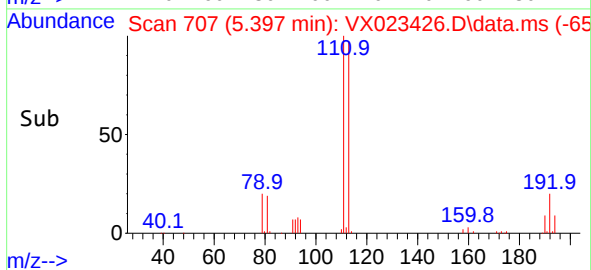
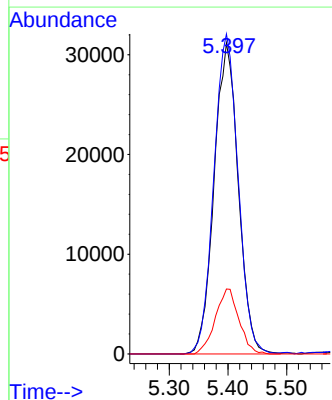
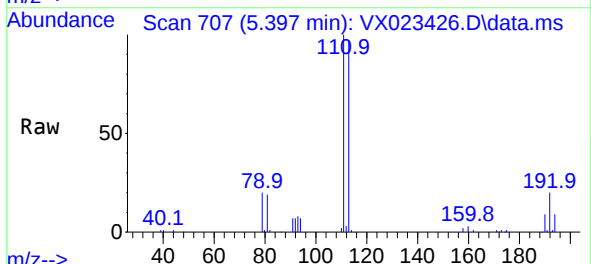
Instrument :  
MSVOA\_X  
ClientSampleId :  
152140-MW-6

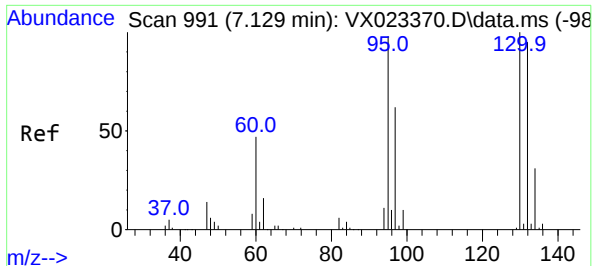
Tgt Ion:114 Resp: 282252  
Ion Ratio Lower Upper  
114 100  
63 19.5 0.0 40.8  
88 15.3 0.0 32.8



#35  
Dibromofluoromethane  
Concen: 50.483 ug/l  
RT: 5.397 min Scan# 707  
Delta R.T. 0.000 min  
Lab File: VX023426.D  
Acq: 23 Jul 2021 16:12

Tgt Ion:113 Resp: 89091  
Ion Ratio Lower Upper  
113 100  
111 103.2 81.9 122.9  
192 20.4 16.7 25.1

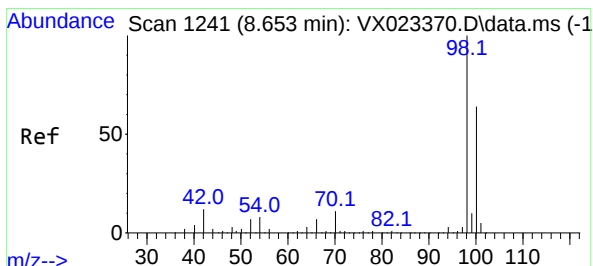
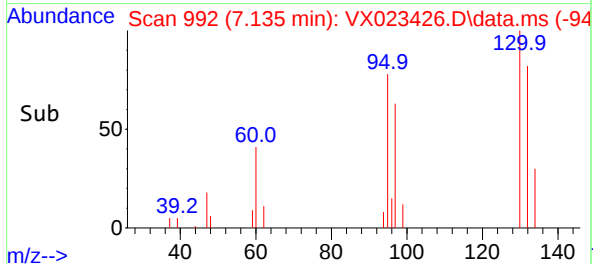
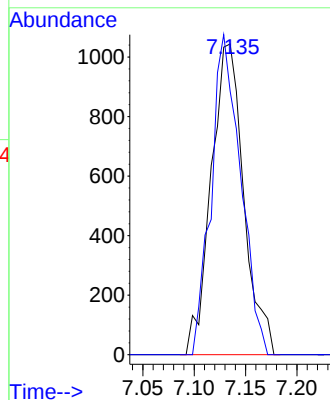
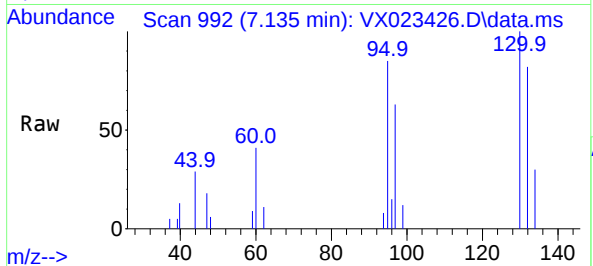




#44  
Trichloroethene  
Concen: 1.108 ug/l  
RT: 7.135 min Scan# 992  
Delta R.T. 0.006 min  
Lab File: VX023426.D  
Acq: 23 Jul 2021 16:12

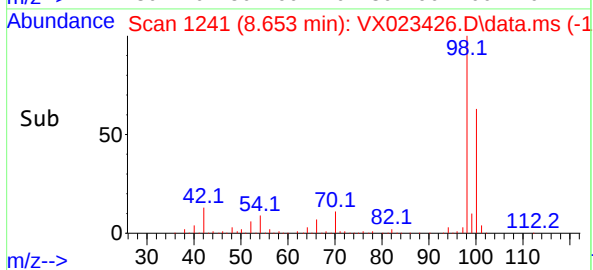
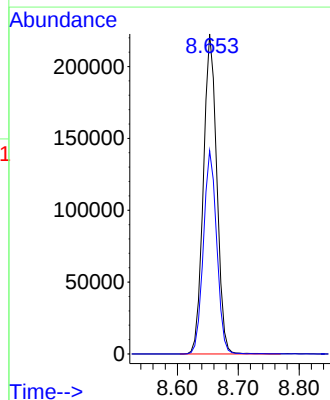
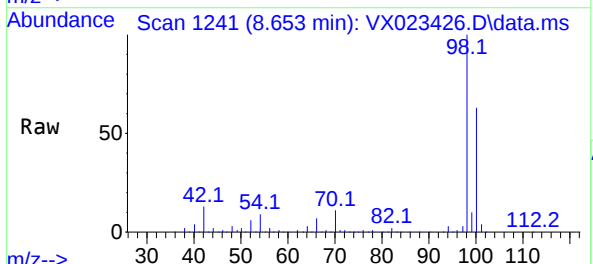
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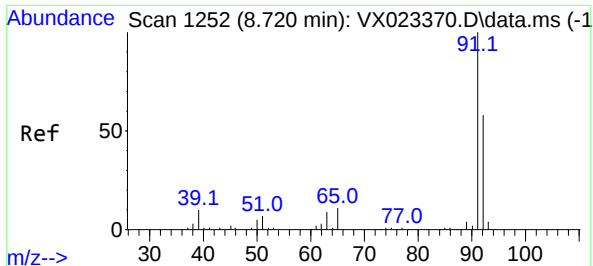
Tgt Ion:130 Resp: 2304  
Ion Ratio Lower Upper  
130 100  
95 84.9 0.0 198.0



#50  
Toluene-d8  
Concen: 52.576 ug/l  
RT: 8.653 min Scan# 1241  
Delta R.T. -0.000 min  
Lab File: VX023426.D  
Acq: 23 Jul 2021 16:12

Tgt Ion: 98 Resp: 340894  
Ion Ratio Lower Upper  
98 100  
100 63.0 51.9 77.9





#52

Toluene

Concen: 0.277 ug/l

RT: 8.726 min Scan# 1253

Delta R.T. 0.006 min

Lab File: VX023426.D

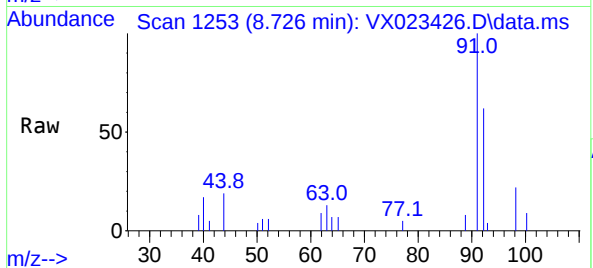
Acq: 23 Jul 2021 16:12

Tgt Ion: 92 Resp: 1300

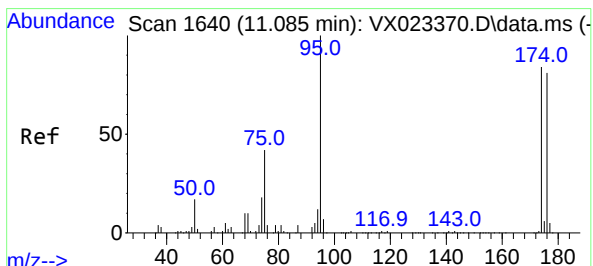
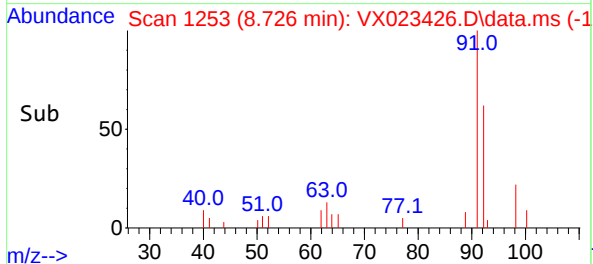
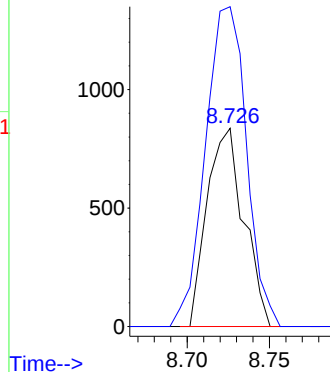
Ion Ratio Lower Upper

92 100

91 180.2 137.1 205.7



Abundance



#62

4-Bromofluorobenzene

Concen: 48.116 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.000 min

Lab File: VX023426.D

Acq: 23 Jul 2021 16:12

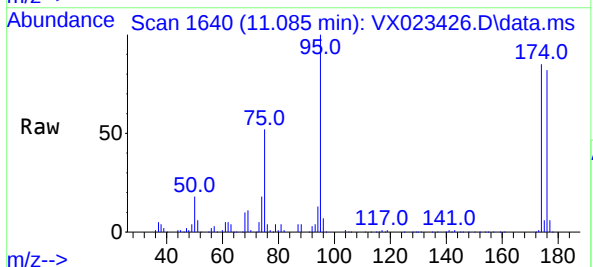
Tgt Ion: 95 Resp: 106083

Ion Ratio Lower Upper

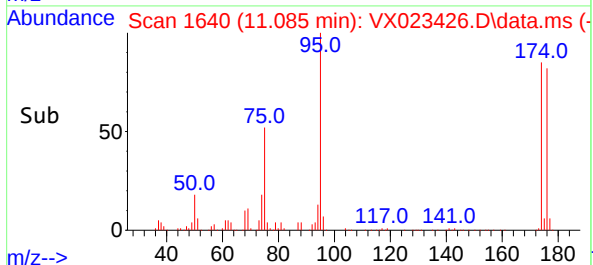
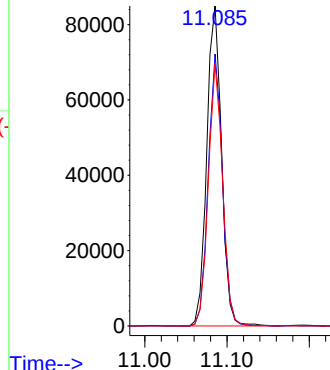
95 100

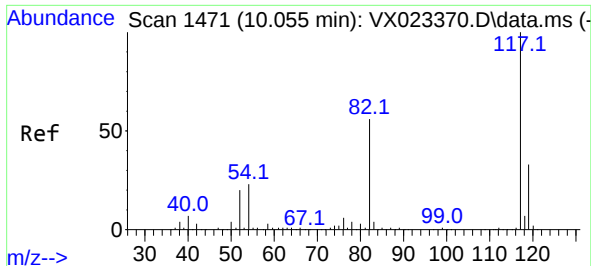
174 81.8 0.0 154.6

176 79.1 0.0 155.8



Abundance

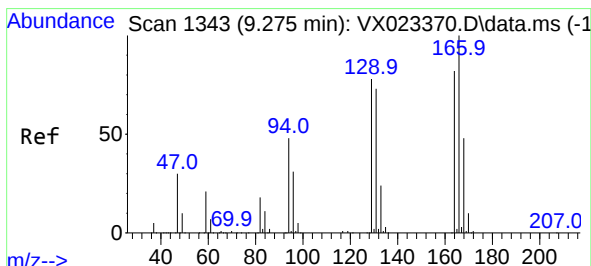
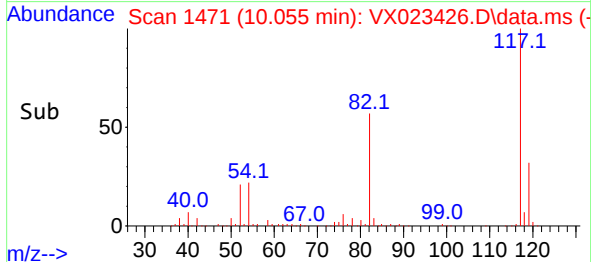
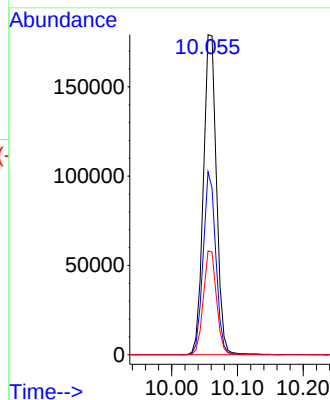
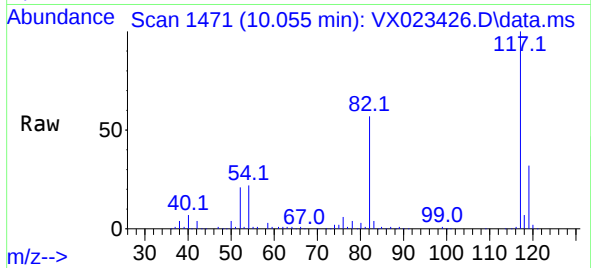




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VX023426.D  
Acq: 23 Jul 2021 16:12

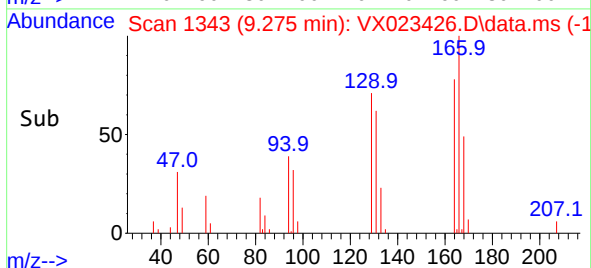
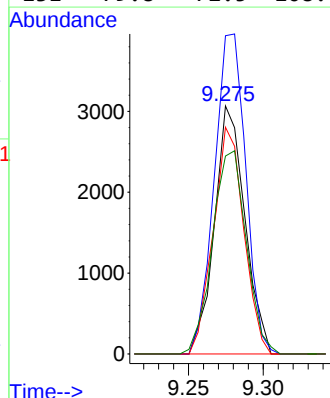
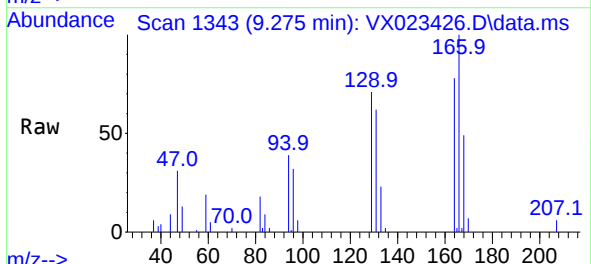
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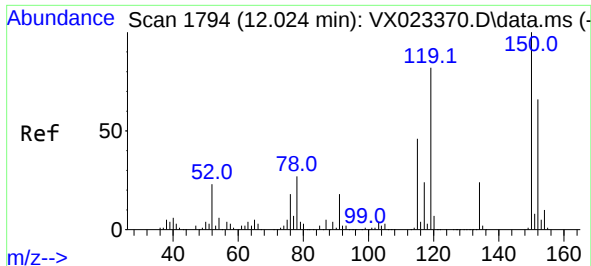
Tgt Ion:117 Resp: 248026  
Ion Ratio Lower Upper  
117 100  
82 57.2 47.4 71.2  
119 32.4 26.6 39.8



#64  
Tetrachloroethene  
Concen: 2.196 ug/l  
RT: 9.275 min Scan# 1343  
Delta R.T. -0.000 min  
Lab File: VX023426.D  
Acq: 23 Jul 2021 16:12

Tgt Ion:164 Resp: 4335  
Ion Ratio Lower Upper  
164 100  
166 128.3 103.4 155.2  
129 91.4 70.8 106.2  
131 79.8 72.5 108.7

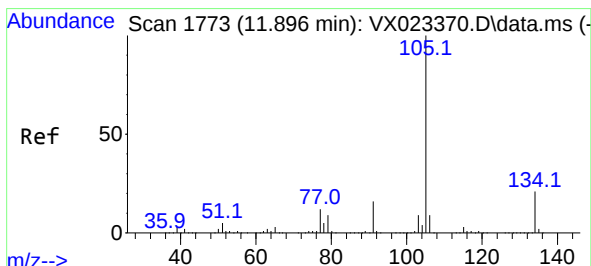
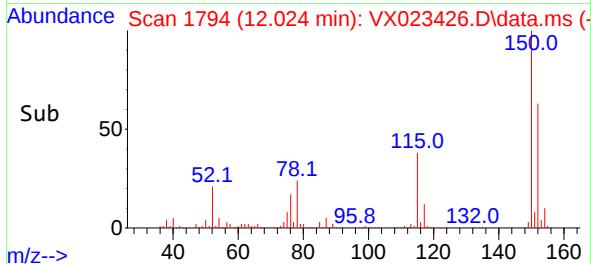
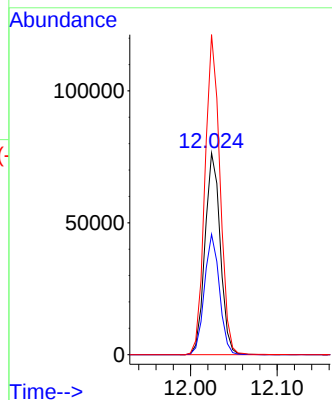
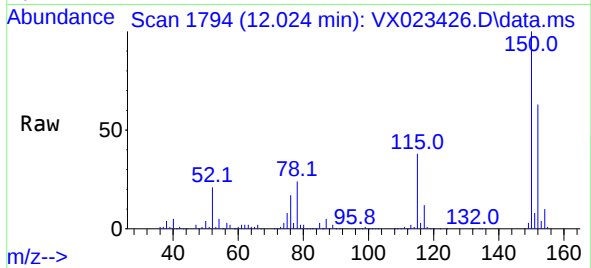




#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.024 min Scan# 1794  
Delta R.T. 0.000 min  
Lab File: VX023426.D  
Acq: 23 Jul 2021 16:12

Instrument :  
MSVOA\_X  
ClientSampleId :  
152140-MW-6

Tgt Ion:152 Resp: 93439  
Ion Ratio Lower Upper  
152 100  
115 58.6 41.1 123.3  
150 156.3 0.0 349.0



#85  
sec-Butylbenzene  
Concen: 1.270 ug/l  
RT: 11.890 min Scan# 1772  
Delta R.T. -0.006 min  
Lab File: VX023426.D  
Acq: 23 Jul 2021 16:12

Tgt Ion:105 Resp: 9273  
Ion Ratio Lower Upper  
105 100  
134 21.6 10.0 29.8

