

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX072221\  
 Data File : VX023392.D  
 Acq On : 22 Jul 2021 23:19  
 Operator : JC/MD  
 Sample : M3145-10  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 30 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 152140-MW-2S(OFFSIDE)

Quant Time: Jul 23 06:11:17 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

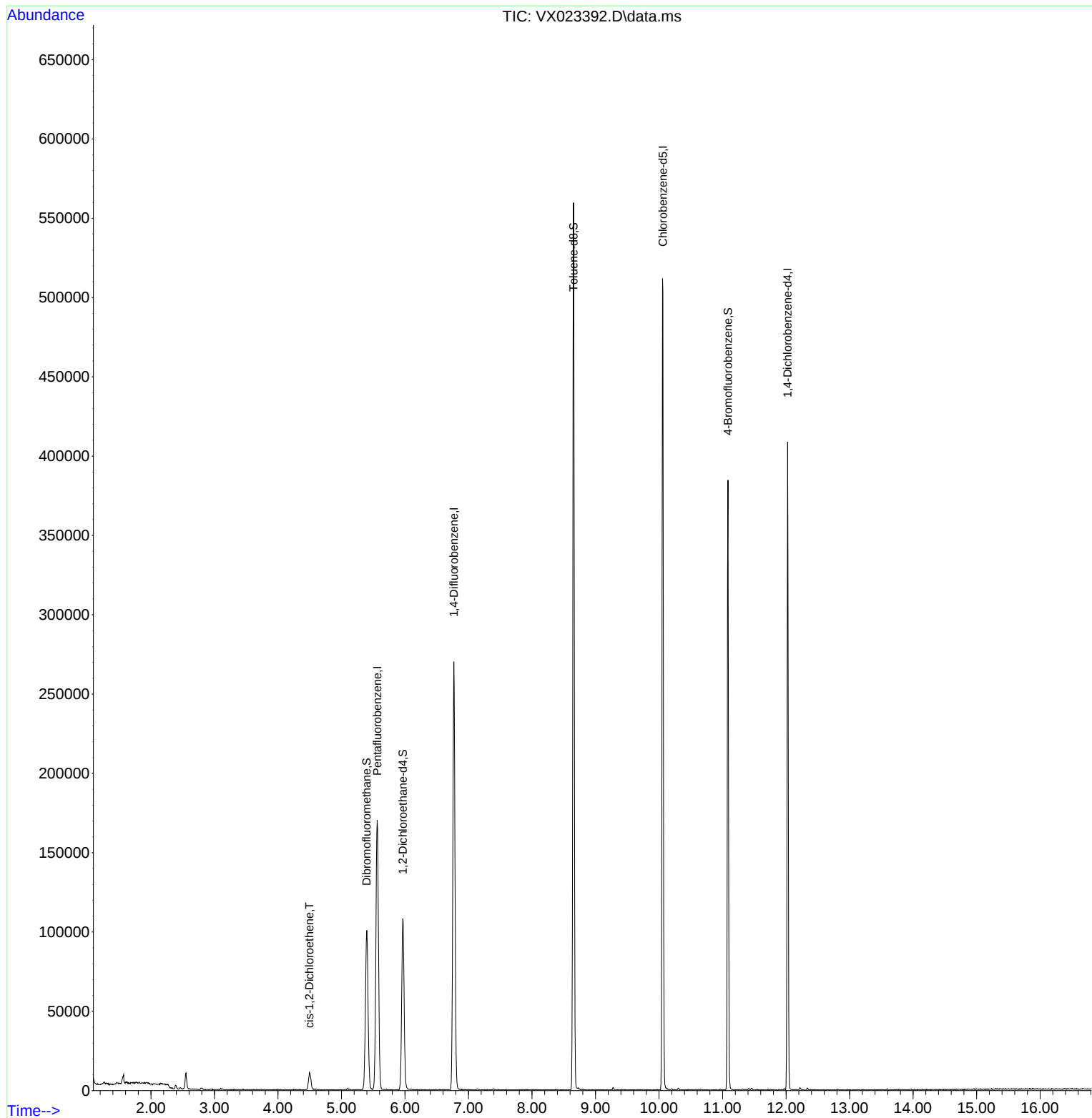
| Compound                    | R.T.   | QIon  | Response | Conc     | Units | Dev(Min)     |
|-----------------------------|--------|-------|----------|----------|-------|--------------|
| -----                       |        |       |          |          |       |              |
| Internal Standards          |        |       |          |          |       |              |
| 1) Pentafluorobenzene       | 5.562  | 168   | 166797   | 50.000   | ug/l  | 0.00         |
| 34) 1,4-Difluorobenzene     | 6.769  | 114   | 273724   | 50.000   | ug/l  | 0.00         |
| 63) Chlorobenzene-d5        | 10.061 | 117   | 235879   | 50.000   | ug/l  | 0.00         |
| 72) 1,4-Dichlorobenzene-d4  | 12.024 | 152   | 81683    | 50.000   | ug/l  | 0.00         |
| System Monitoring Compounds |        |       |          |          |       |              |
| 33) 1,2-Dichloroethane-d4   | 5.964  | 65    | 102617   | 49.320   | ug/l  | 0.00         |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | =     | 98.640%      |
| 35) Dibromofluoromethane    | 5.397  | 113   | 85383    | 49.889   | ug/l  | 0.00         |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =     | 99.780%      |
| 50) Toluene-d8              | 8.653  | 98    | 327791   | 52.131   | ug/l  | 0.00         |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | =     | 104.260%     |
| 62) 4-Bromofluorobenzene    | 11.085 | 95    | 98235    | 45.944   | ug/l  | 0.00         |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =     | 91.880%      |
| Target Compounds            |        |       |          |          |       |              |
| 27) cis-1,2-Dichloroethene  | 4.495  | 96    | 6872     | 3.399    | ug/l  | Qvalue<br>89 |
| -----                       |        |       |          |          |       |              |

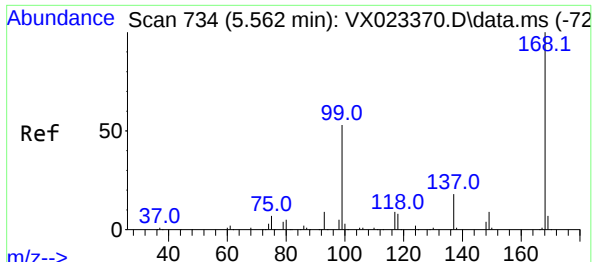
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Sample : M3145-10  
Misc : 5.0mL/MSVOA\_X/WATER  
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Instrument :  
MSVOA\_X  
ClientSampleId :  
152140-MW-2S(OFFSIDE)

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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

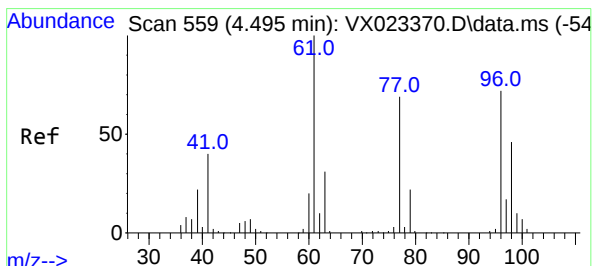
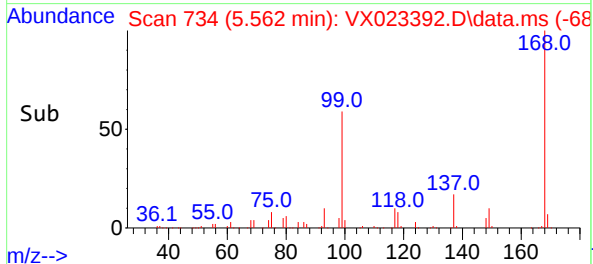
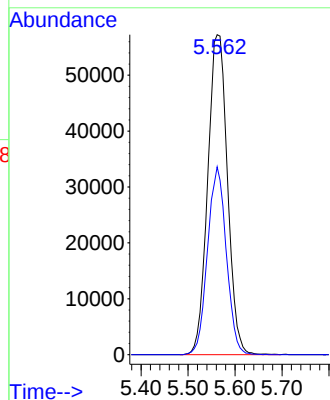
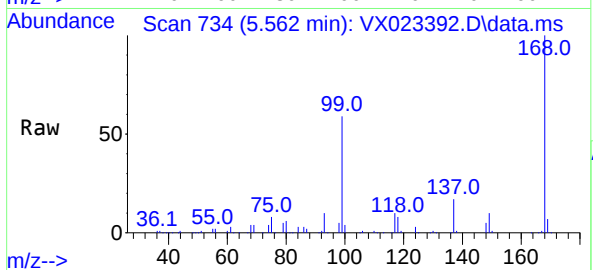




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.562 min Scan# 734  
Delta R.T. -0.000 min  
Lab File: VX023392.D  
Acq: 22 Jul 2021 23:19

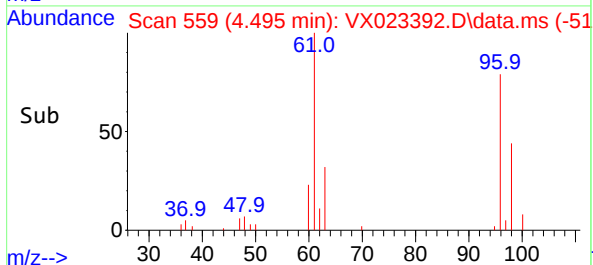
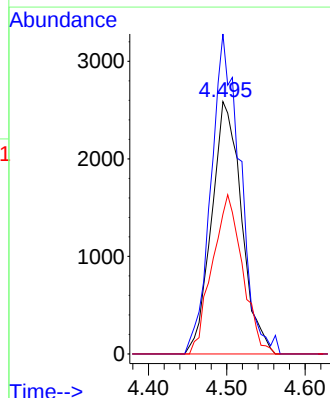
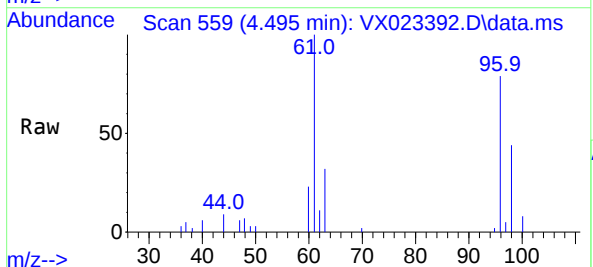
Instrument :  
MSVOA\_X  
ClientSampleId :  
152140-MW-2S(OFFSIDE)

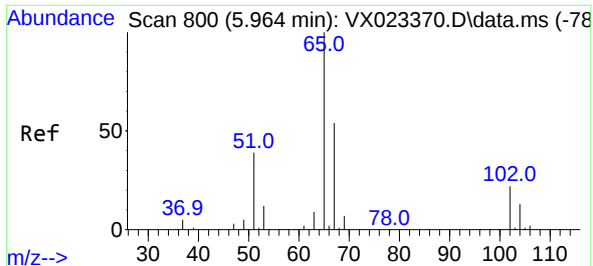
Tgt Ion:168 Resp: 166797  
Ion Ratio Lower Upper  
168 100  
99 58.7 45.8 68.6



#27  
cis-1,2-Dichloroethene  
Concen: 3.399 ug/l  
RT: 4.495 min Scan# 559  
Delta R.T. -0.000 min  
Lab File: VX023392.D  
Acq: 22 Jul 2021 23:19

Tgt Ion: 96 Resp: 6872  
Ion Ratio Lower Upper  
96 100  
61 123.7 0.0 285.6  
98 63.8 0.0 129.6



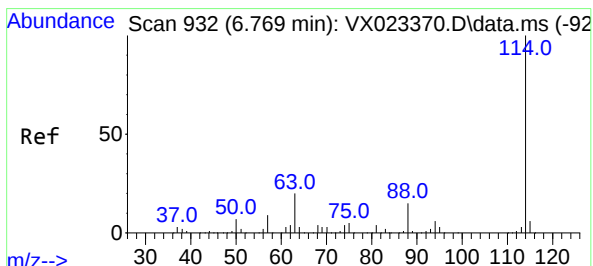
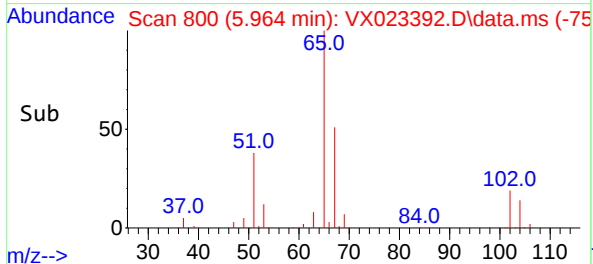
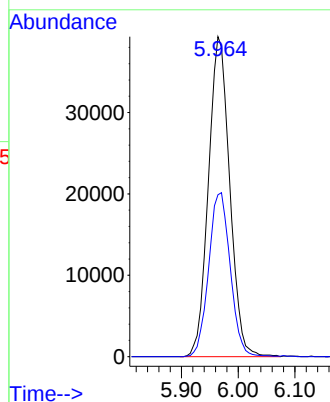
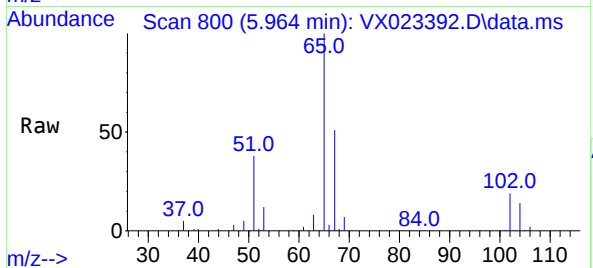


#33

1,2-Dichloroethane-d4  
Concen: 49.320 ug/l  
RT: 5.964 min Scan# 800  
Delta R.T. 0.000 min  
Lab File: VX023392.D  
Acq: 22 Jul 2021 23:19

Instrument :  
MSVOA\_X  
ClientSampleId :  
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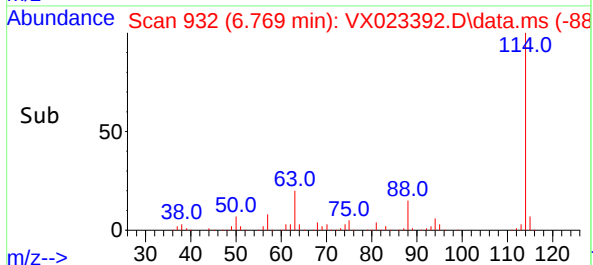
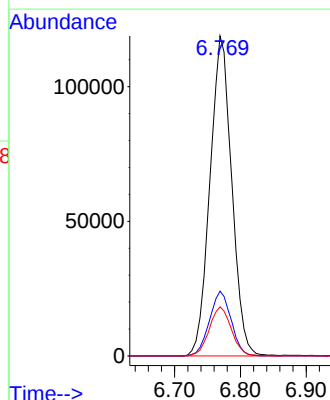
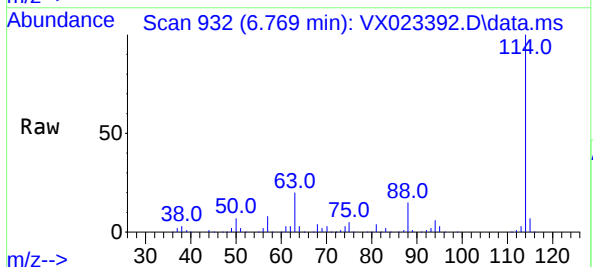
Tgt Ion: 65 Resp: 102617  
Ion Ratio Lower Upper  
65 100  
67 52.0 0.0 105.4

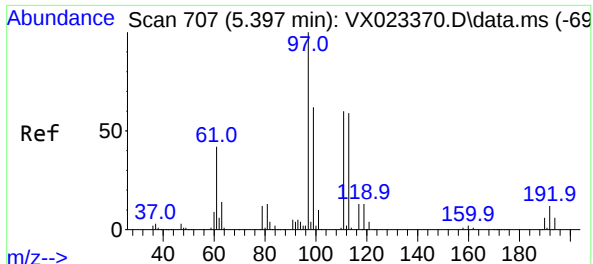


#34

1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.769 min Scan# 932  
Delta R.T. -0.000 min  
Lab File: VX023392.D  
Acq: 22 Jul 2021 23:19

Tgt Ion: 114 Resp: 273724  
Ion Ratio Lower Upper  
114 100  
63 20.2 0.0 40.8  
88 15.4 0.0 32.8

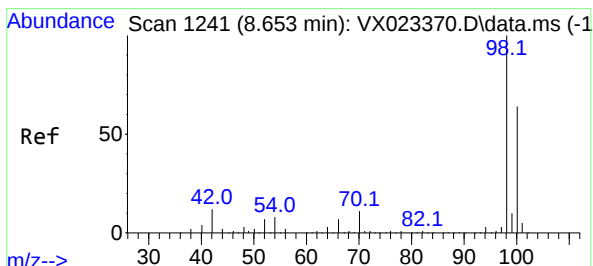
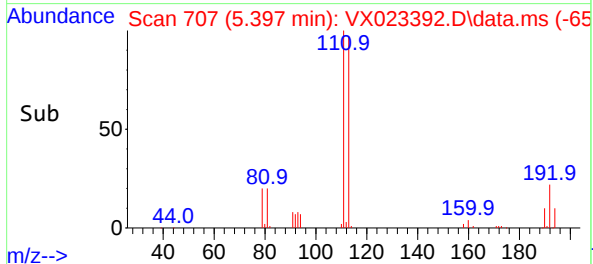
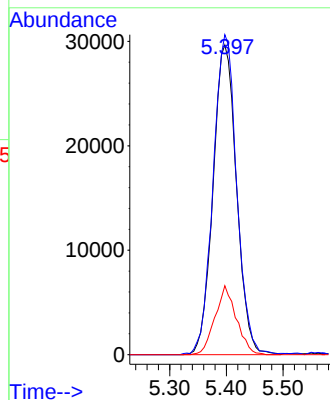
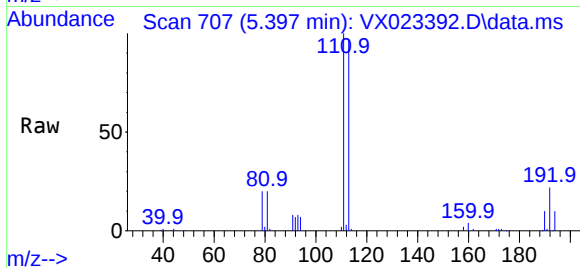




#35  
Dibromofluoromethane  
Concen: 49.889 ug/l  
RT: 5.397 min Scan# 707  
Delta R.T. 0.000 min  
Lab File: VX023392.D  
Acq: 22 Jul 2021 23:19

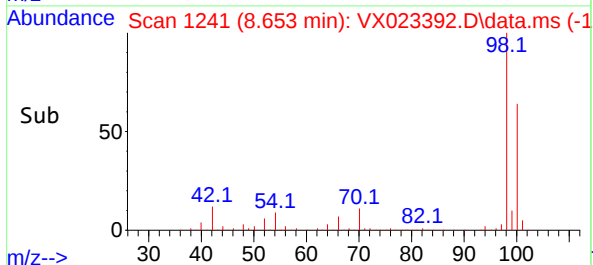
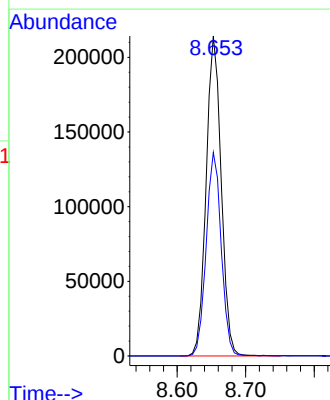
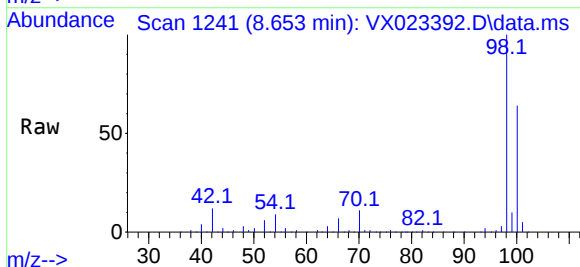
Instrument :  
MSVOA\_X  
ClientSampleId :  
152140-MW-2S(OFFSIDE)

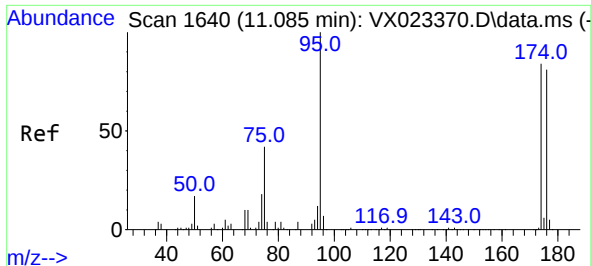
Tgt Ion:113 Resp: 85383  
Ion Ratio Lower Upper  
113 100  
111 103.5 81.9 122.9  
192 20.2 16.7 25.1



#50  
Toluene-d8  
Concen: 52.131 ug/l  
RT: 8.653 min Scan# 1241  
Delta R.T. -0.000 min  
Lab File: VX023392.D  
Acq: 22 Jul 2021 23:19

Tgt Ion: 98 Resp: 327791  
Ion Ratio Lower Upper  
98 100  
100 63.5 51.9 77.9

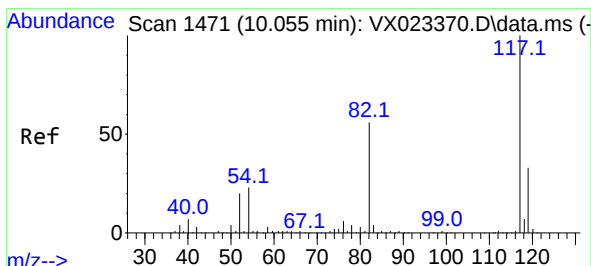
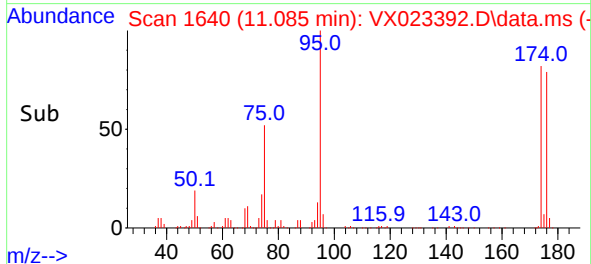
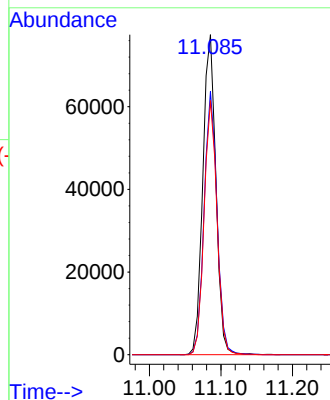
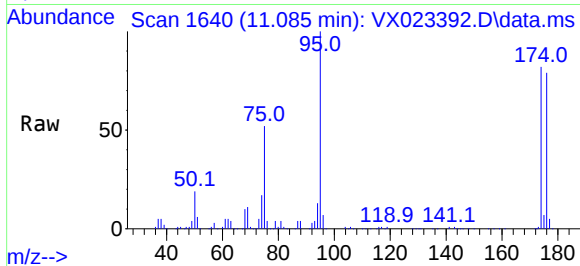




#62  
4-Bromofluorobenzene  
Concen: 45.944 ug/l  
RT: 11.085 min Scan# 1640  
Delta R.T. 0.000 min  
Lab File: VX023392.D  
Acq: 22 Jul 2021 23:19

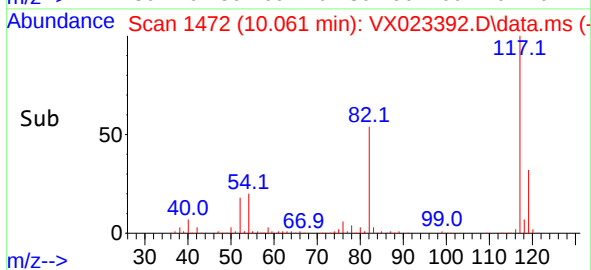
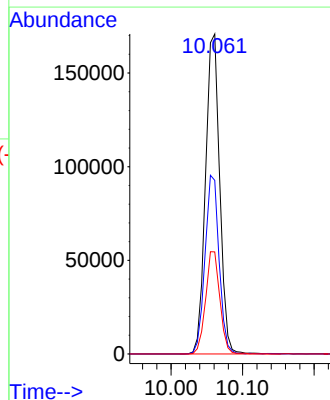
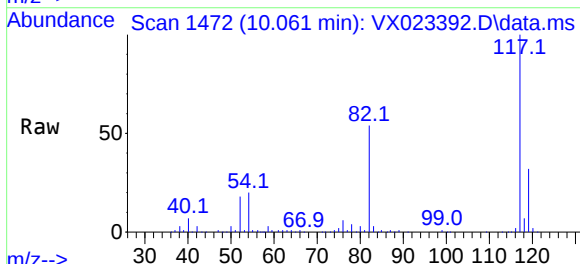
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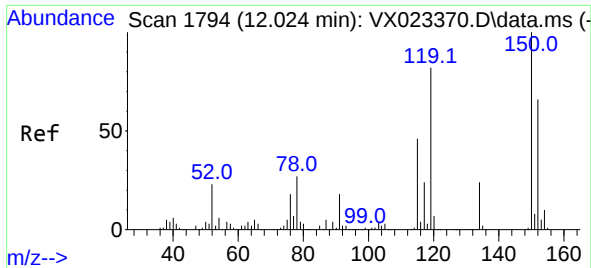
Tgt Ion: 95 Resp: 98235  
Ion Ratio Lower Upper  
95 100  
174 81.5 0.0 154.6  
176 78.2 0.0 155.8



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.061 min Scan# 1472  
Delta R.T. 0.006 min  
Lab File: VX023392.D  
Acq: 22 Jul 2021 23:19

Tgt Ion: 117 Resp: 235879  
Ion Ratio Lower Upper  
117 100  
82 54.3 47.4 71.2  
119 31.9 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: VX023392.D  
Acq: 22 Jul 2021 23:19

Instrument :  
MSVOA\_X  
ClientSampleId :  
152140-MW-2S(OFFSIDE)

Tgt Ion:152 Resp: 81683  
Ion Ratio Lower Upper  
152 100  
115 59.5 41.1 123.3  
150 159.6 0.0 349.0

