

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX010422\  
 Data File : VX026278.D  
 Acq On : 04 Jan 2022 17:46  
 Operator : JC/MD  
 Sample : M5333-03  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 MW-6

Quant Time: Jan 05 06:12:20 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X123021W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Dec 30 08:02:21 2021  
 Response via : Initial Calibration

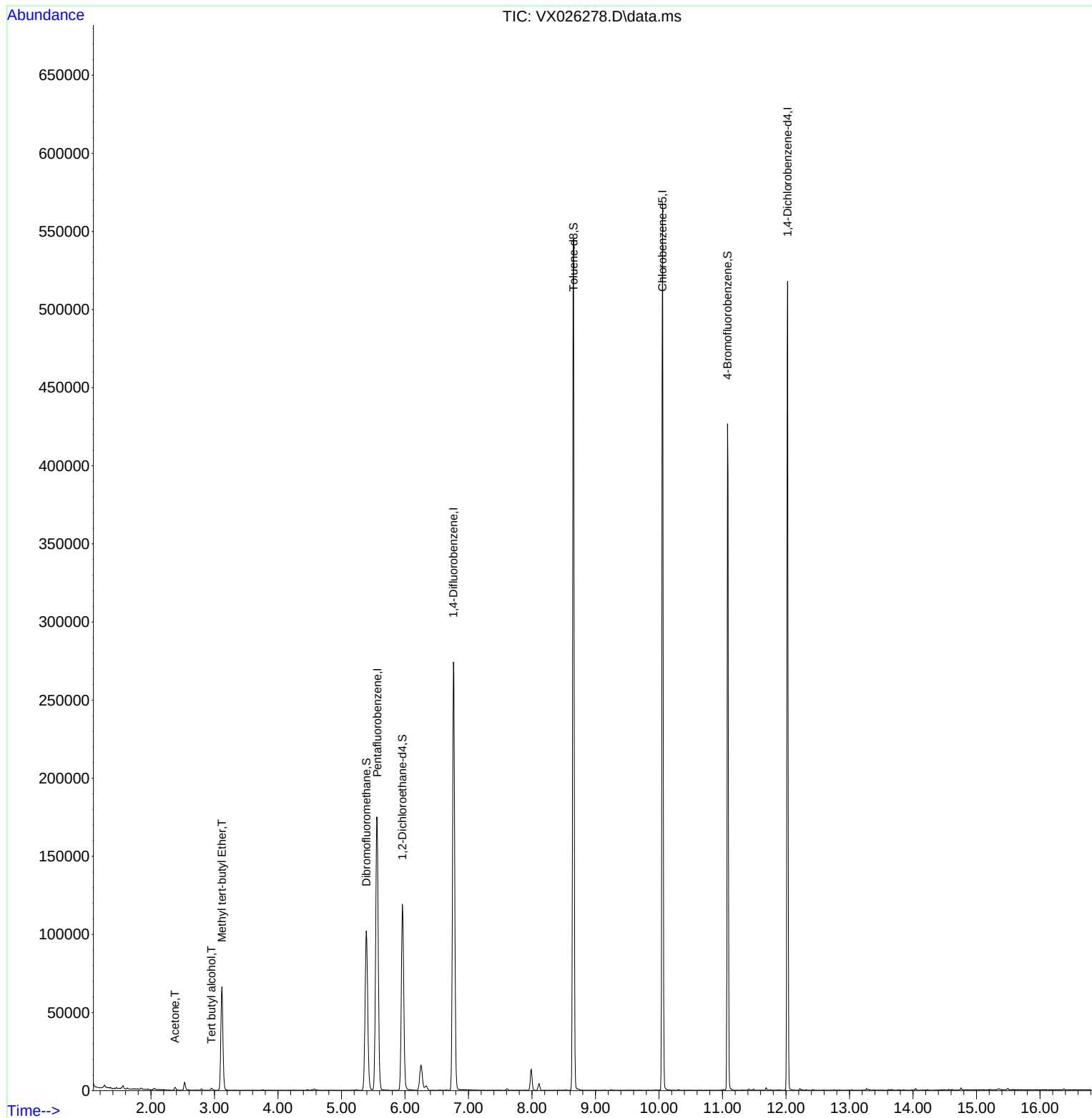
| Compound                    | R.T. QIon |       | Response | Conc     | Units      | Dev(Min) |
|-----------------------------|-----------|-------|----------|----------|------------|----------|
| -----                       |           |       |          |          |            |          |
| Internal Standards          |           |       |          |          |            |          |
| 1) Pentafluorobenzene       | 5.562     | 168   | 156440   | 50.000   | ug/l       | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.763     | 114   | 268237   | 50.000   | ug/l       | 0.00     |
| 63) Chlorobenzene-d5        | 10.055    | 117   | 231844   | 50.000   | ug/l       | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.024    | 152   | 98559    | 50.000   | ug/l       | 0.00     |
| System Monitoring Compounds |           |       |          |          |            |          |
| 33) 1,2-Dichloroethane-d4   | 5.958     | 65    | 119552   | 52.824   | ug/l       | 0.00     |
| Spiked Amount               | 50.000    | Range | 78 - 117 | Recovery | = 105.640% |          |
| 35) Dibromofluoromethane    | 5.391     | 113   | 87476    | 50.161   | ug/l       | 0.00     |
| Spiked Amount               | 50.000    | Range | 75 - 124 | Recovery | = 100.320% |          |
| 50) Toluene-d8              | 8.653     | 98    | 313134   | 48.274   | ug/l       | 0.00     |
| Spiked Amount               | 50.000    | Range | 92 - 112 | Recovery | = 96.540%  |          |
| 62) 4-Bromofluorobenzene    | 11.079    | 95    | 114043   | 49.387   | ug/l       | 0.00     |
| Spiked Amount               | 50.000    | Range | 83 - 123 | Recovery | = 98.780%  |          |
| Target Compounds            |           |       |          |          |            |          |
|                             |           |       |          |          |            | Qvalue   |
| 11) Tert butyl alcohol      | 2.953     | 59    | 1299     | 2.874    | ug/l       | # 73     |
| 16) Acetone                 | 2.380     | 43    | 2114     | 1.724    | ug/l       | 97       |
| 19) Methyl tert-butyl Ether | 3.117     | 73    | 70878    | 11.714   | ug/l       | 100      |
| -----                       |           |       |          |          |            |          |

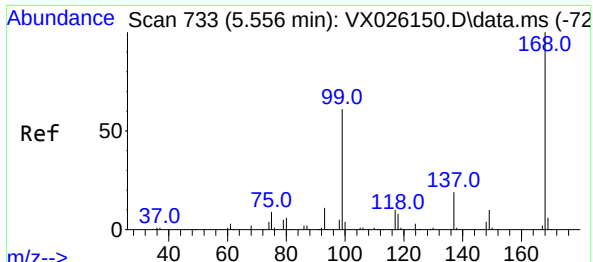
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X123021W.M  
Quant Title : SW846 8260  
QLast Update : Thu Dec 30 08:02:21 2021  
Response via : Initial Calibration

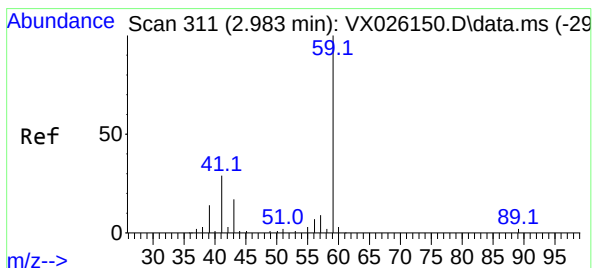
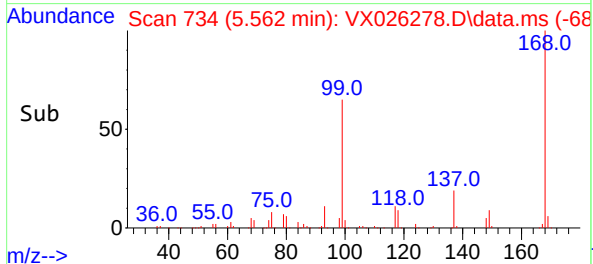
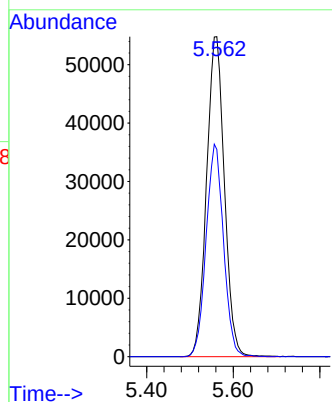
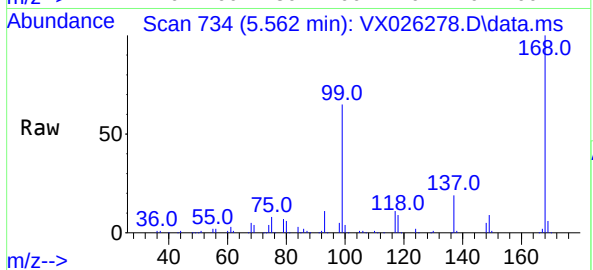




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.562 min Scan# 71  
Delta R.T. 0.006 min  
Lab File: VX026278.D  
Acq: 04 Jan 2022 17:46

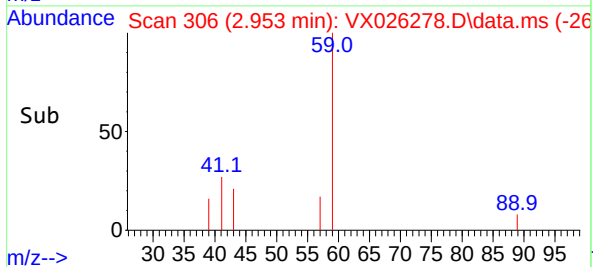
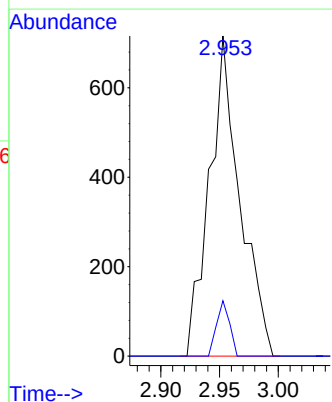
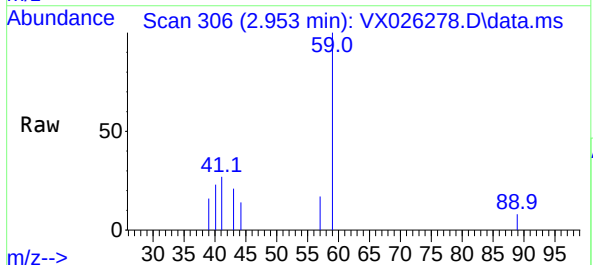
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-6

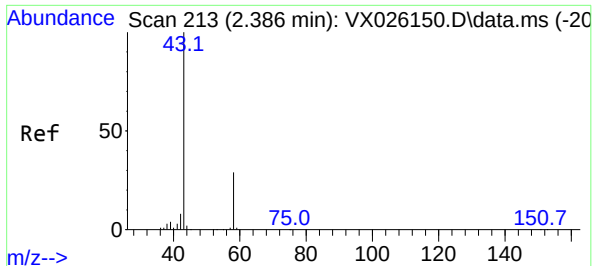
Tgt Ion:168 Resp: 156440  
Ion Ratio Lower Upper  
168 100  
99 64.8 45.8 68.8



#11  
Tert butyl alcohol  
Concen: 2.874 ug/l  
RT: 2.953 min Scan# 306  
Delta R.T. -0.030 min  
Lab File: VX026278.D  
Acq: 04 Jan 2022 17:46

Tgt Ion: 59 Resp: 1299  
Ion Ratio Lower Upper  
59 100  
57 0.0 8.2 12.2#

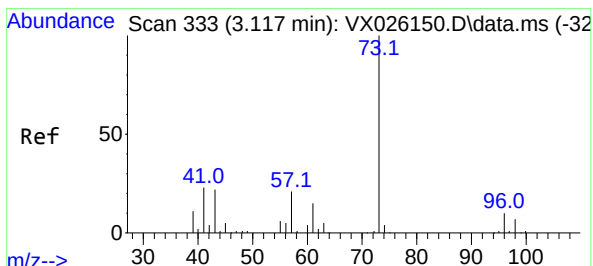
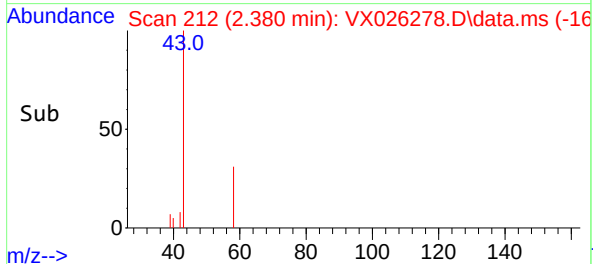
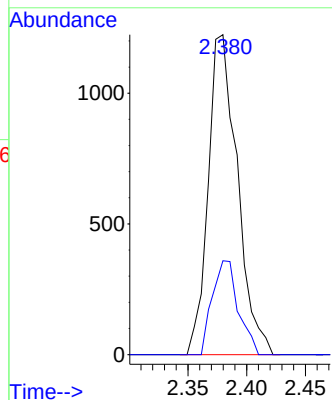
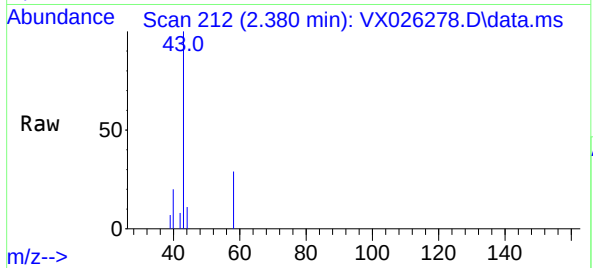




#16  
Acetone  
Concen: 1.724 ug/l  
RT: 2.380 min Scan# 213  
Delta R.T. -0.006 min  
Lab File: VX026278.D  
Acq: 04 Jan 2022 17:46

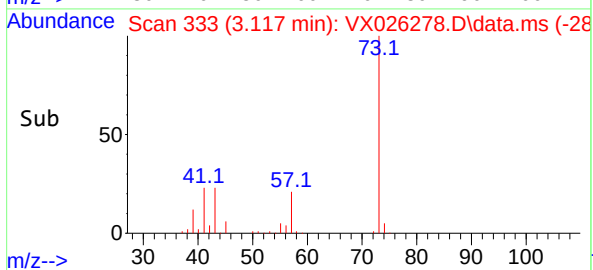
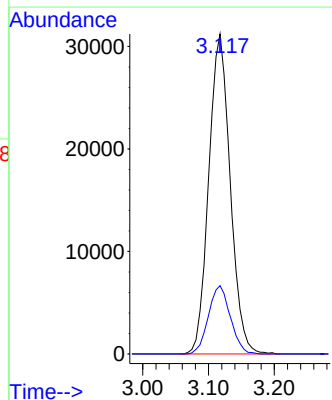
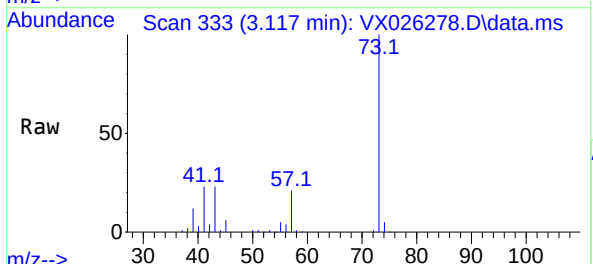
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-6

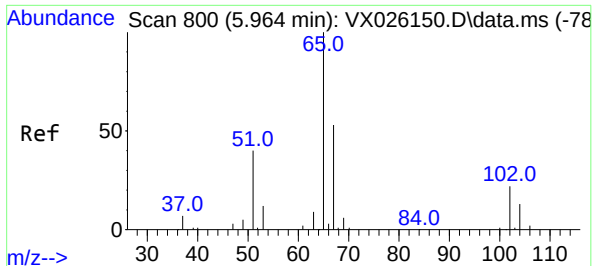
Tgt Ion: 43 Resp: 2114  
Ion Ratio Lower Upper  
43 100  
58 29.3 24.8 37.2



#19  
Methyl tert-butyl Ether  
Concen: 11.714 ug/l  
RT: 3.117 min Scan# 333  
Delta R.T. 0.000 min  
Lab File: VX026278.D  
Acq: 04 Jan 2022 17:46

Tgt Ion: 73 Resp: 70878  
Ion Ratio Lower Upper  
73 100  
57 21.4 17.0 25.6

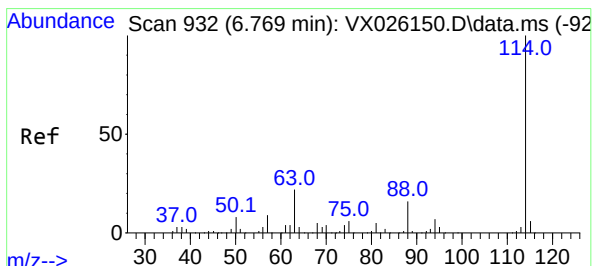
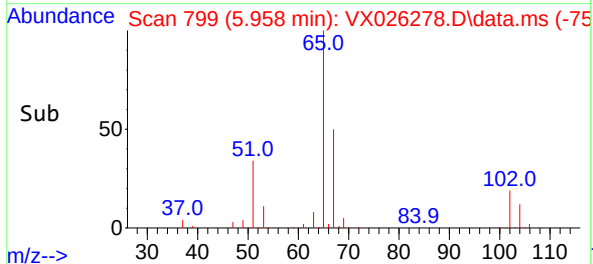
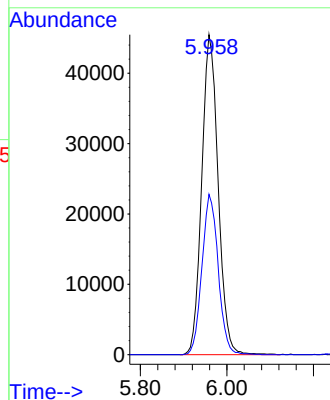
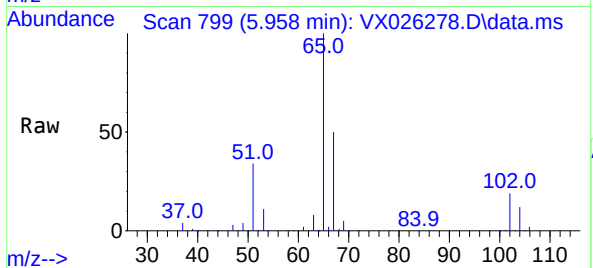




#33  
 1,2-Dichloroethane-d4  
 Concen: 52.824 ug/l  
 RT: 5.958 min Scan# 799  
 Delta R.T. -0.006 min  
 Lab File: VX026278.D  
 Acq: 04 Jan 2022 17:46

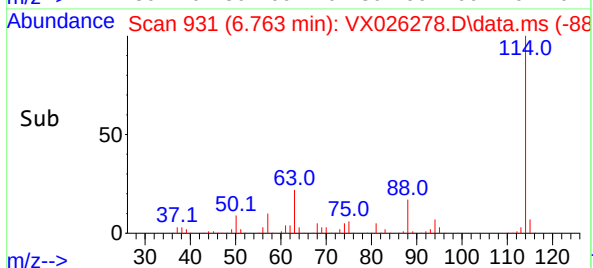
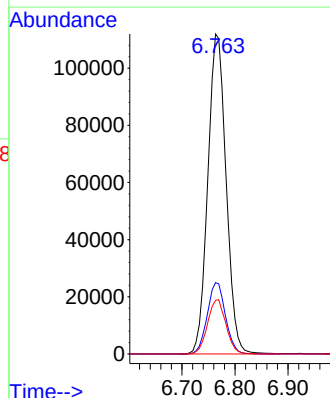
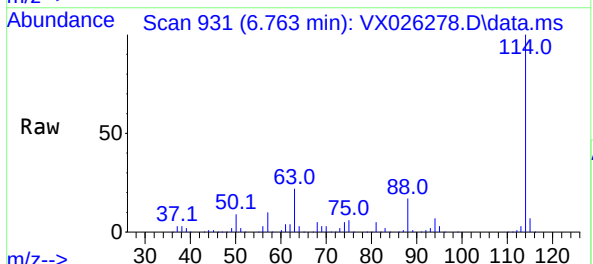
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 MW-6

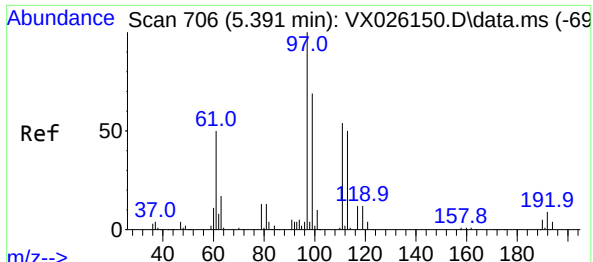
Tgt Ion: 65 Resp: 119552  
 Ion Ratio Lower Upper  
 65 100  
 67 49.7 0.0 103.4



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 6.763 min Scan# 931  
 Delta R.T. -0.006 min  
 Lab File: VX026278.D  
 Acq: 04 Jan 2022 17:46

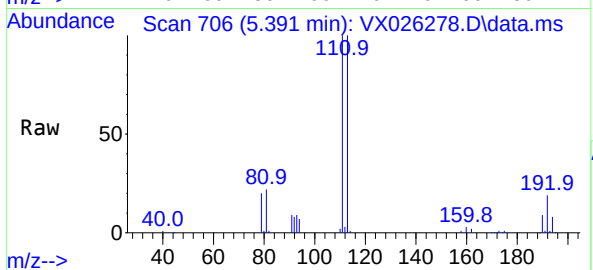
Tgt Ion: 114 Resp: 268237  
 Ion Ratio Lower Upper  
 114 100  
 63 22.3 0.0 40.0  
 88 16.7 0.0 30.6



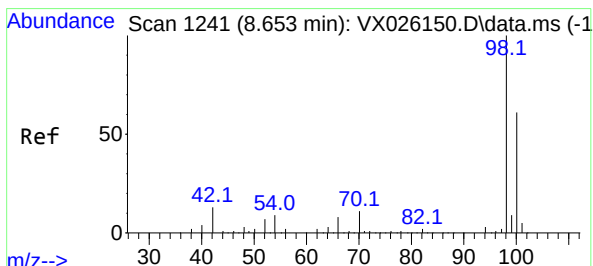
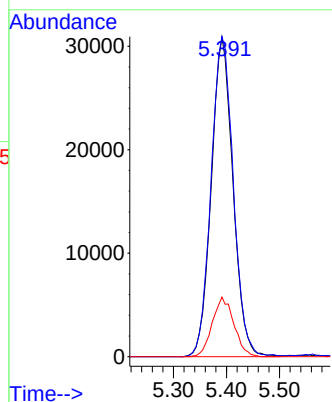
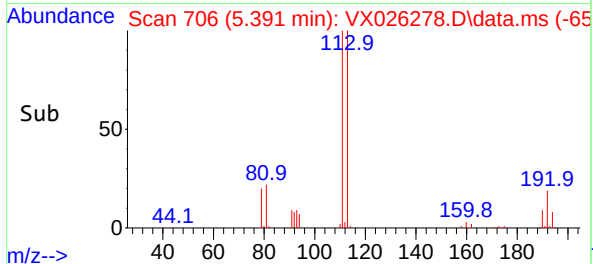


#35  
Dibromofluoromethane  
Concen: 50.161 ug/l  
RT: 5.391 min Scan# 706  
Delta R.T. 0.000 min  
Lab File: VX026278.D  
Acq: 04 Jan 2022 17:46

Instrument :  
MSVOA\_X  
ClientSampleId :  
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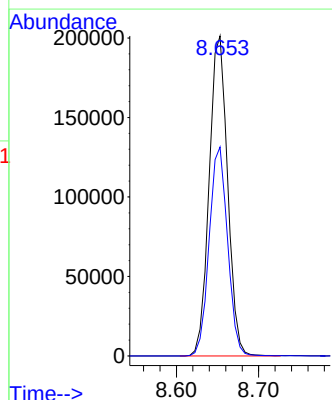
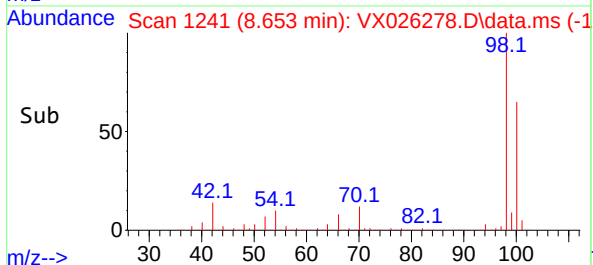
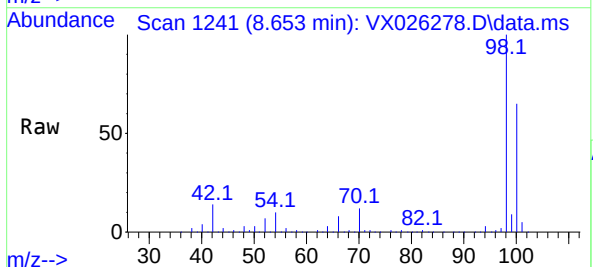


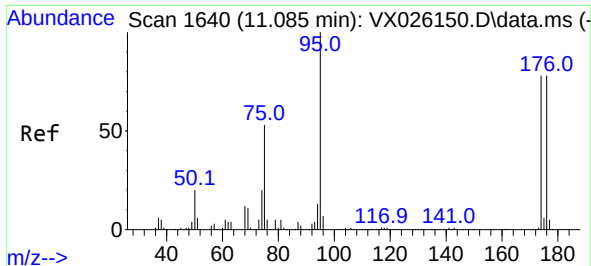
Tgt Ion:113 Resp: 87476  
Ion Ratio Lower Upper  
113 100  
111 103.1 81.8 122.8  
192 18.6 15.0 22.4



#50  
Toluene-d8  
Concen: 48.274 ug/l  
RT: 8.653 min Scan# 1241  
Delta R.T. -0.000 min  
Lab File: VX026278.D  
Acq: 04 Jan 2022 17:46

Tgt Ion: 98 Resp: 313134  
Ion Ratio Lower Upper  
98 100  
100 65.4 52.6 78.8

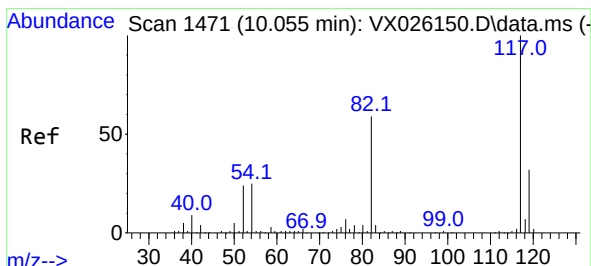
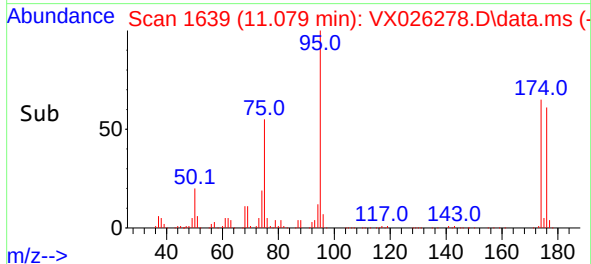
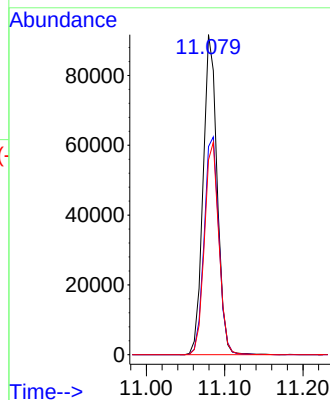
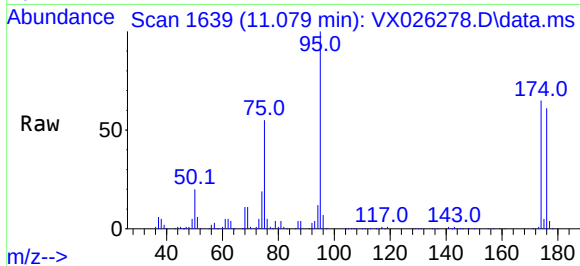




#62  
4-Bromofluorobenzene  
Concen: 49.387 ug/l  
RT: 11.079 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VX026278.D  
Acq: 04 Jan 2022 17:46

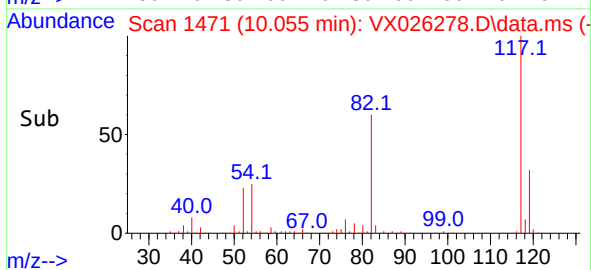
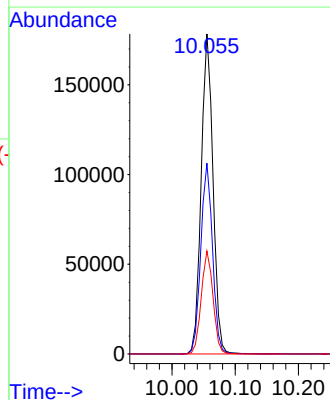
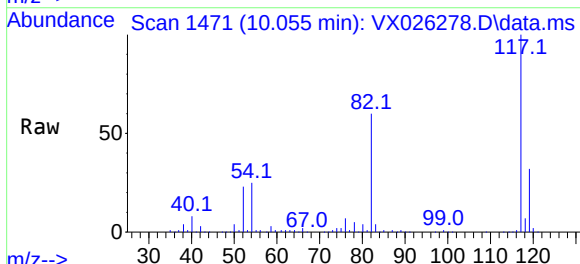
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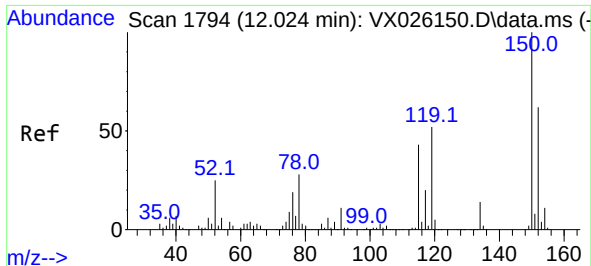
Tgt Ion: 95 Resp: 114043  
Ion Ratio Lower Upper  
95 100  
174 71.1 0.0 157.4  
176 68.0 0.0 154.6



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VX026278.D  
Acq: 04 Jan 2022 17:46

Tgt Ion: 117 Resp: 231844  
Ion Ratio Lower Upper  
117 100  
82 59.6 43.8 65.6  
119 32.2 25.2 37.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX026278.D

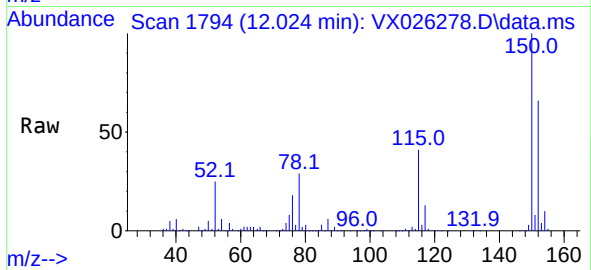
Acq: 04 Jan 2022 17:46

Instrument :

MSVOA\_X

ClientSampleId :

MW-6



Tgt Ion:152 Resp: 98559

Ion Ratio Lower Upper

152 100

115 63.3 41.3 123.9

150 156.3 0.0 351.8

