

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX100422\  
 Data File : VX031877.D  
 Acq On : 04 Oct 2022 18:16  
 Operator : JC/MD  
 Sample : N4971-02  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 GWOW-BR-02-231-251-100322

Quant Time: Oct 05 06:26:57 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X100322W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Oct 04 06:59:30 2022  
 Response via : Initial Calibration

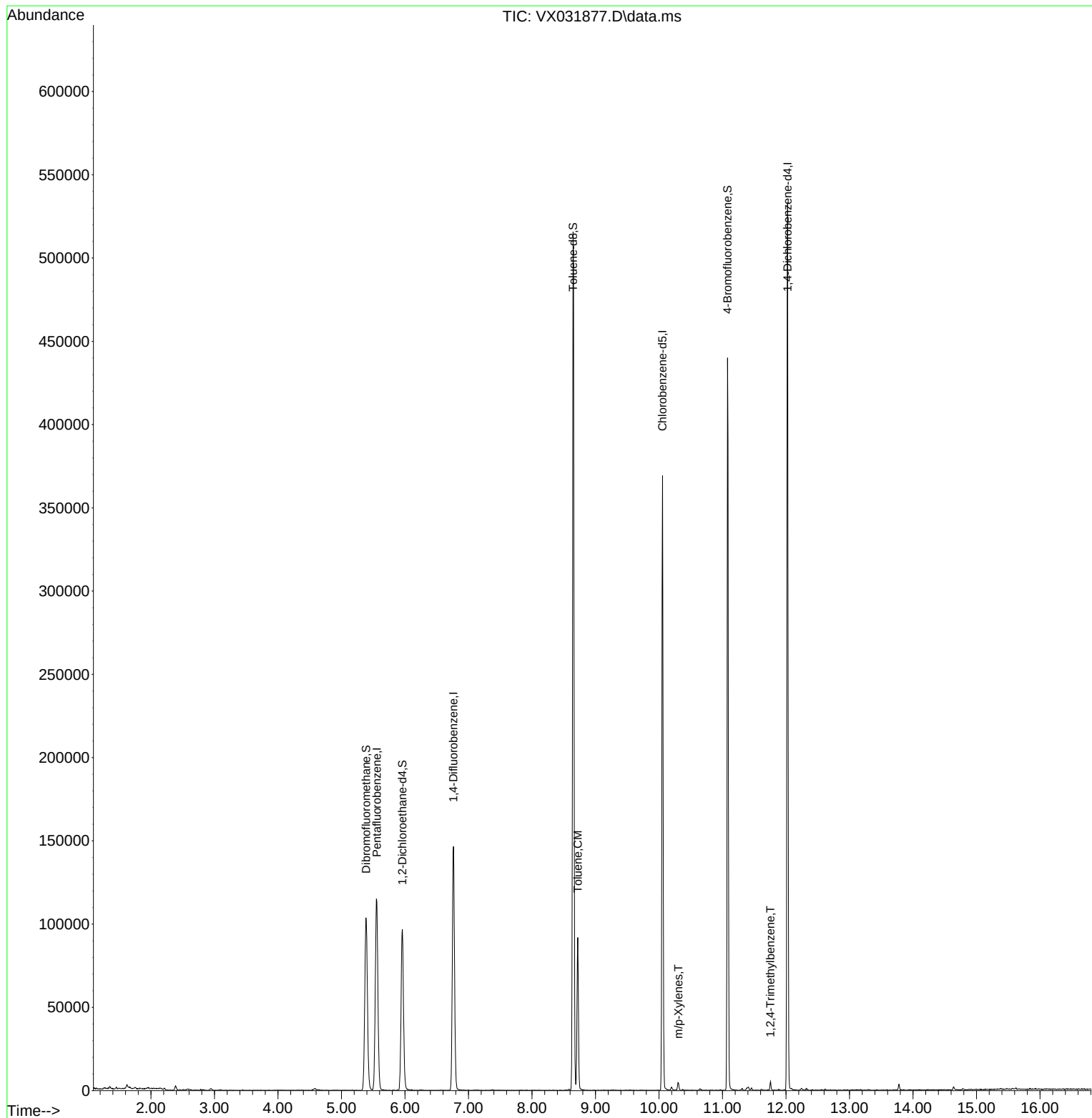
| Compound                    | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|--------|----------|
| -----                       |        |       |          |          |        |          |
| Internal Standards          |        |       |          |          |        |          |
| 1) Pentafluorobenzene       | 5.556  | 168   | 124639   | 50.000   | ug/l   | # 0.00   |
| 34) 1,4-Difluorobenzene     | 6.763  | 114   | 173067   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 10.055 | 117   | 182517   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.024 | 152   | 125364   | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 5.958  | 65    | 91001    | 40.753   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | =      | 81.500%  |
| 35) Dibromofluoromethane    | 5.385  | 113   | 90186    | 43.860   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =      | 87.720%  |
| 50) Toluene-d8              | 8.647  | 98    | 326541   | 44.392   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | =      | 88.780%  |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 113552   | 42.868   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =      | 85.740%  |
| Target Compounds            |        |       |          |          |        |          |
|                             |        |       |          |          | Qvalue |          |
| 52) Toluene                 | 8.720  | 92    | 37318    | 7.227    | ug/l   | 97       |
| 68) m/p-Xylenes             | 10.305 | 106   | 1512     | 0.402    | ug/l   | 77       |
| 84) 1,2,4-Trimethylbenzene  | 11.756 | 105   | 2439     | 0.331    | ug/l   | 84       |
| -----                       |        |       |          |          |        |          |

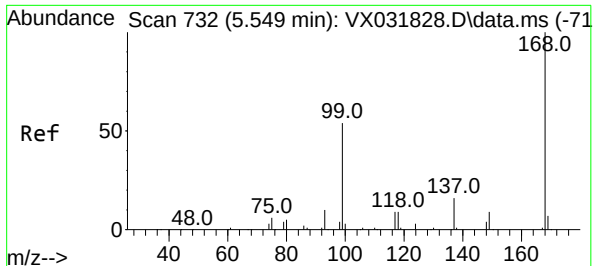
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX100422\  
Data File : VX031877.D  
Acq On : 04 Oct 2022 18:16  
Operator : JC/MD  
Sample : N4971-02  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
GWOW-BR-02-231-251-100322

Quant Time: Oct 05 06:26:57 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X100322W.M  
Quant Title : SW846 8260  
QLast Update : Tue Oct 04 06:59:30 2022  
Response via : Initial Calibration

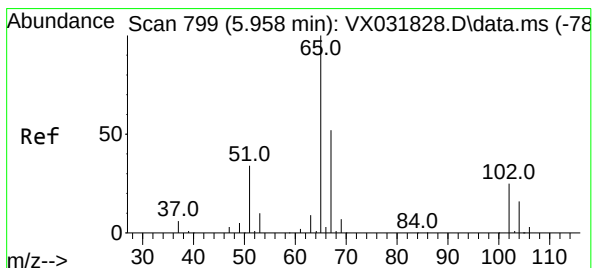
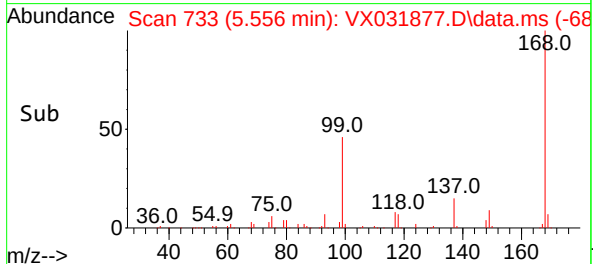
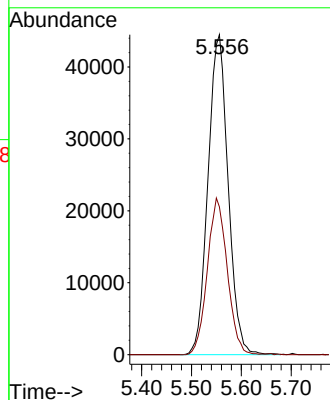
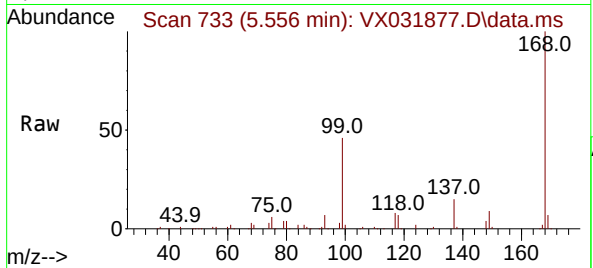




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.556 min Scan# 71  
Delta R.T. 0.006 min  
Lab File: VX031877.D  
Acq: 04 Oct 2022 18:16

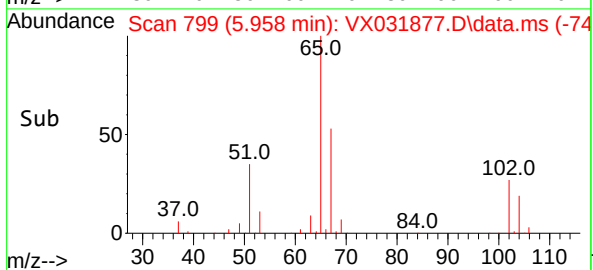
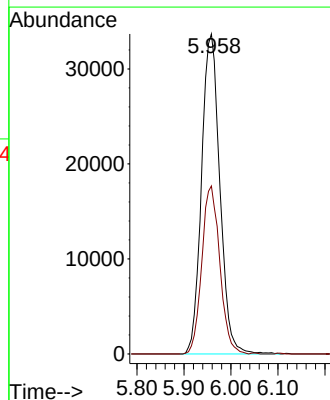
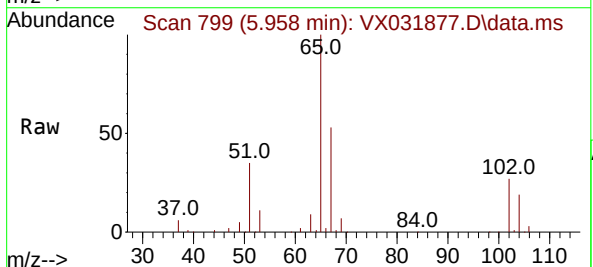
Instrument :  
MSVOA\_X  
ClientSampleId :  
GWOW-BR-02-231-251-100322

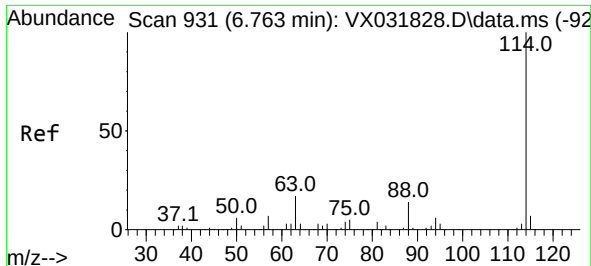
Tgt Ion:168 Resp: 124639  
Ion Ratio Lower Upper  
168 100  
99 46.2 48.8 73.2#



#33  
1,2-Dichloroethane-d4  
Concen: 40.753 ug/l  
RT: 5.958 min Scan# 799  
Delta R.T. 0.006 min  
Lab File: VX031877.D  
Acq: 04 Oct 2022 18:16

Tgt Ion: 65 Resp: 91001  
Ion Ratio Lower Upper  
65 100  
67 51.6 0.0 102.4

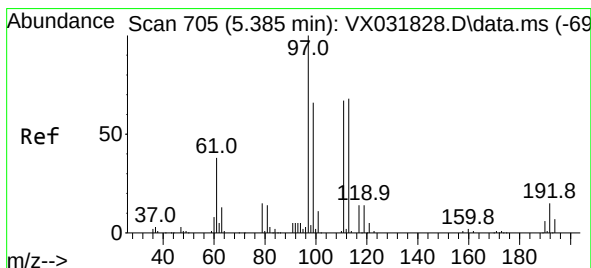
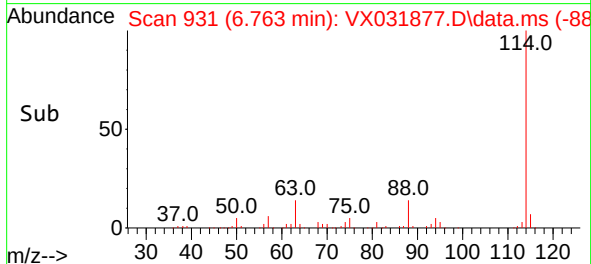
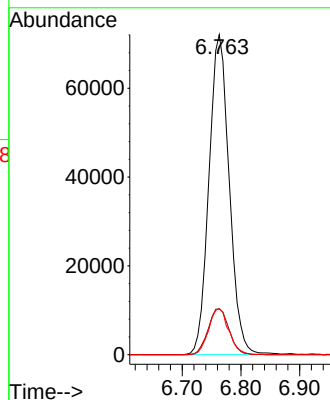
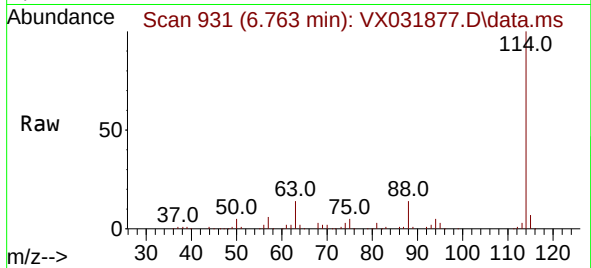




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.763 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: VX031877.D  
Acq: 04 Oct 2022 18:16

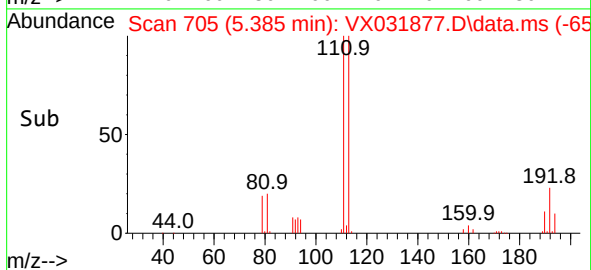
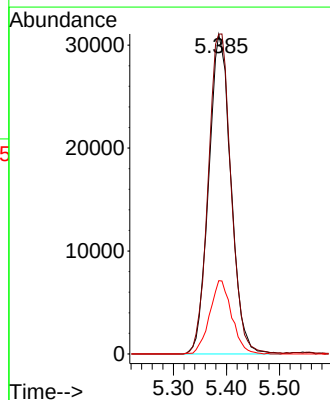
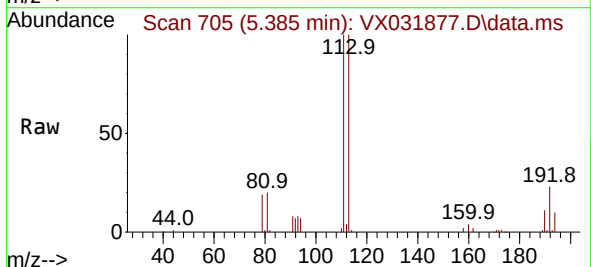
Instrument :  
MSVOA\_X  
ClientSampleId :  
GWOW-BR-02-231-251-100322

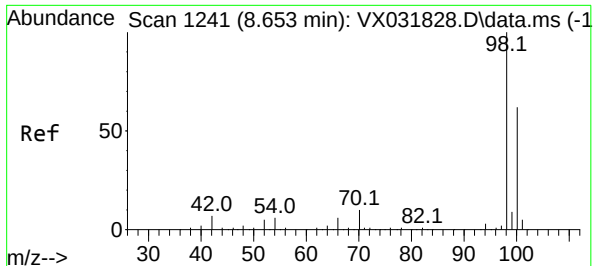
Tgt Ion:114 Resp: 173067  
Ion Ratio Lower Upper  
114 100  
63 14.4 0.0 42.6  
88 14.4 0.0 33.0



#35  
Dibromofluoromethane  
Concen: 43.860 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. 0.000 min  
Lab File: VX031877.D  
Acq: 04 Oct 2022 18:16

Tgt Ion:113 Resp: 90186  
Ion Ratio Lower Upper  
113 100  
111 102.8 82.4 123.6  
192 22.8 14.1 21.1#

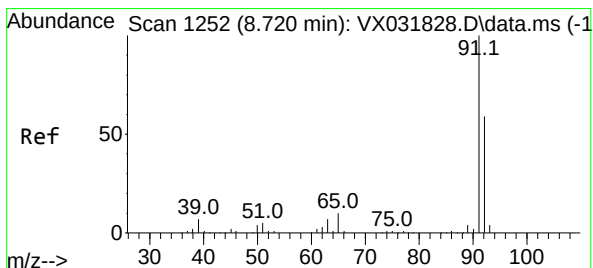
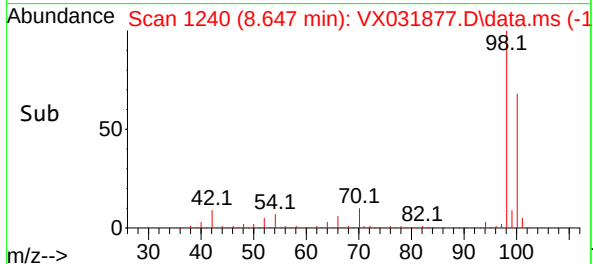
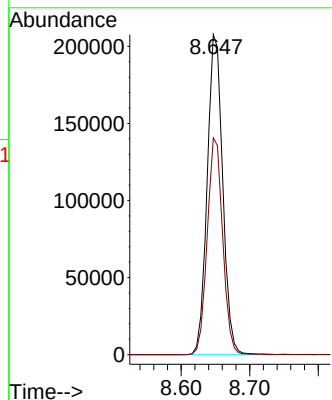
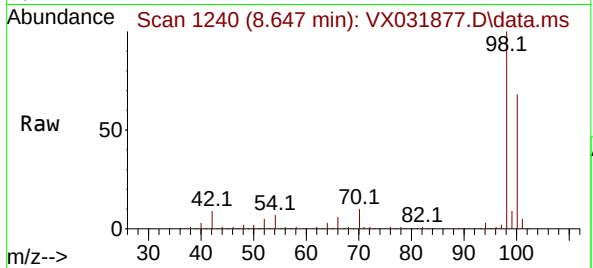




#50  
Toluene-d8  
Concen: 44.392 ug/l  
RT: 8.647 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VX031877.D  
Acq: 04 Oct 2022 18:16

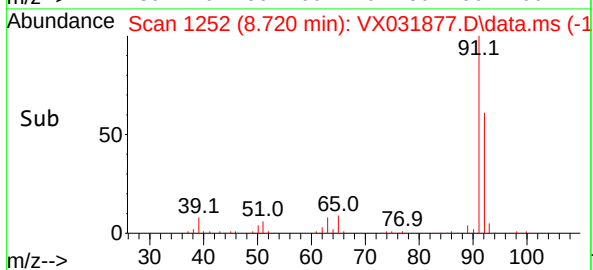
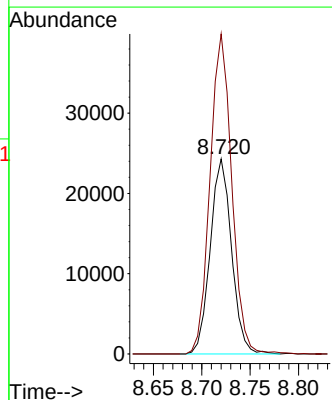
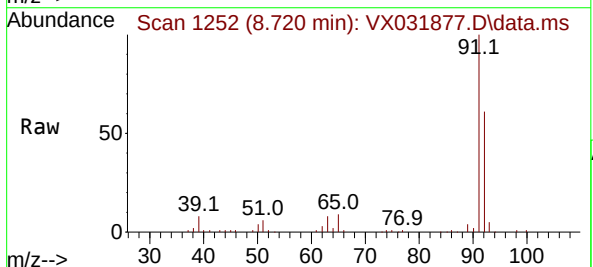
Instrument :  
MSVOA\_X  
ClientSampleId :  
GWOW-BR-02-231-251-100322

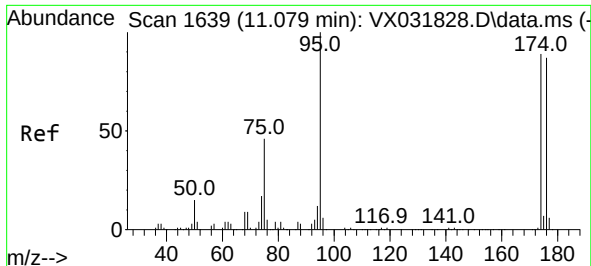
Tgt Ion: 98 Resp: 326541  
Ion Ratio Lower Upper  
98 100  
100 67.5 52.5 78.7



#52  
Toluene  
Concen: 7.227 ug/l  
RT: 8.720 min Scan# 1252  
Delta R.T. 0.000 min  
Lab File: VX031877.D  
Acq: 04 Oct 2022 18:16

Tgt Ion: 92 Resp: 37318  
Ion Ratio Lower Upper  
92 100  
91 166.7 137.1 205.7

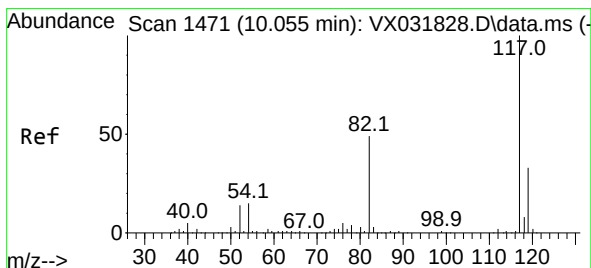
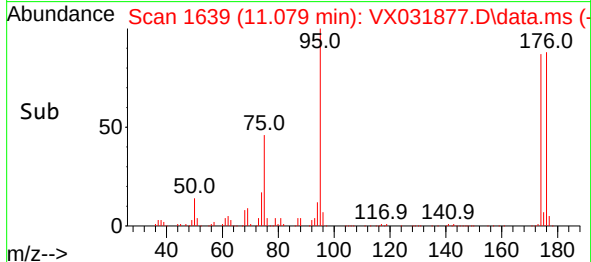
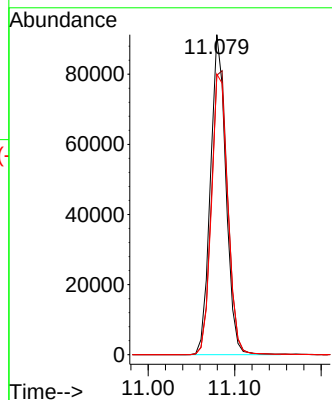
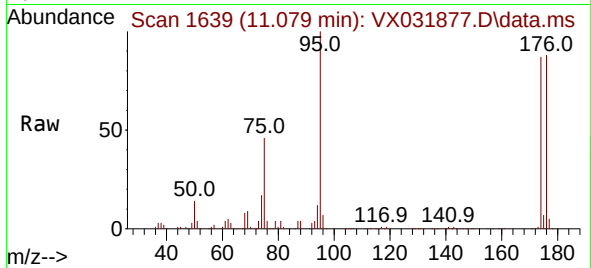




#62  
4-Bromofluorobenzene  
Concen: 42.868 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.000 min  
Lab File: VX031877.D  
Acq: 04 Oct 2022 18:16

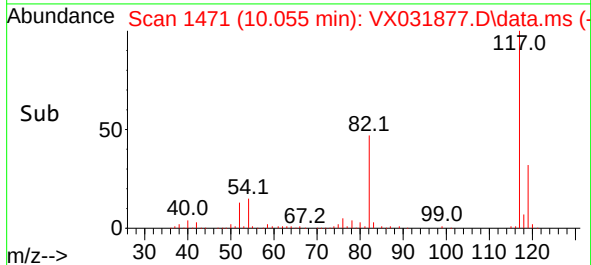
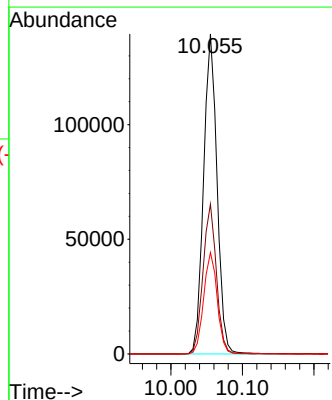
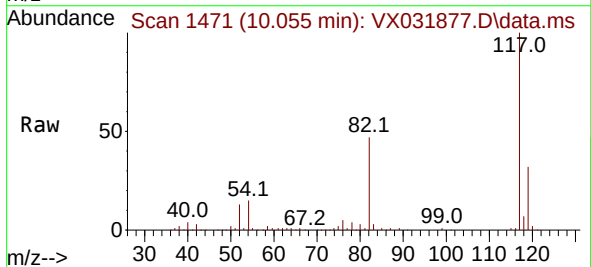
Instrument :  
MSVOA\_X  
ClientSampleId :  
GWOW-BR-02-231-251-100322

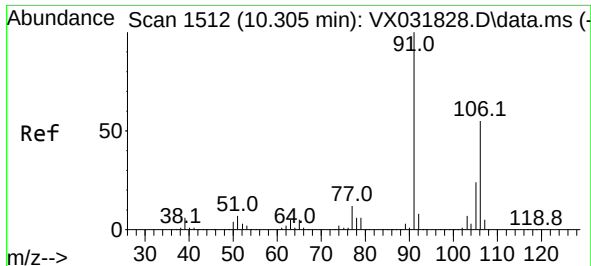
Tgt Ion: 95 Resp: 113552  
Ion Ratio Lower Upper  
95 100  
174 95.1 0.0 153.2  
176 92.9 0.0 144.0



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VX031877.D  
Acq: 04 Oct 2022 18:16

Tgt Ion: 117 Resp: 182517  
Ion Ratio Lower Upper  
117 100  
82 46.9 46.8 70.2  
119 31.7 26.4 39.6

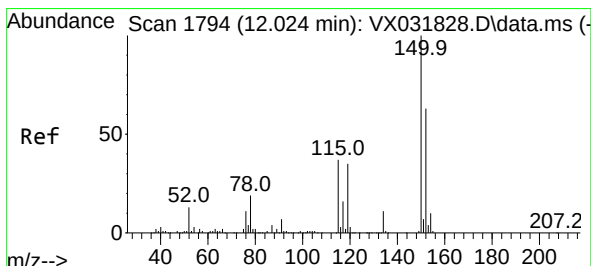
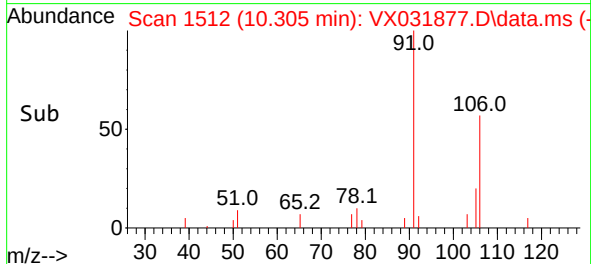
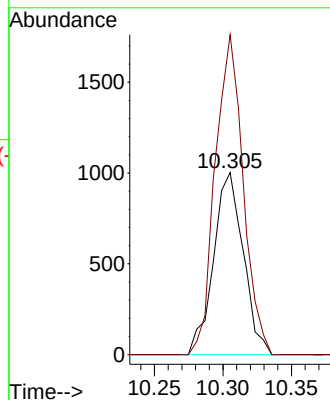
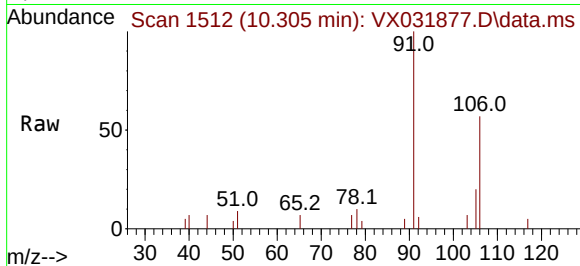




#68  
m/p-Xylenes  
Concen: 0.402 ug/l  
RT: 10.305 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX031877.D  
Acq: 04 Oct 2022 18:16

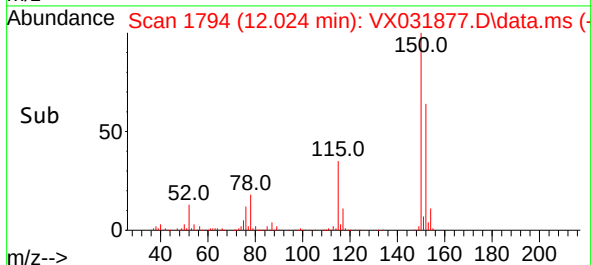
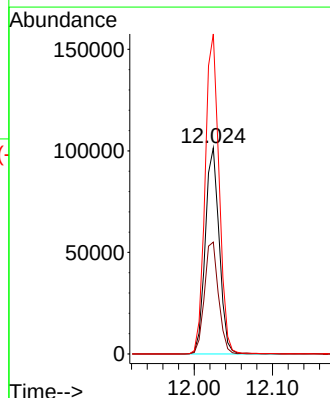
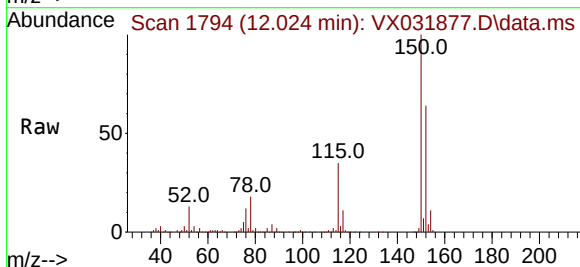
Instrument :  
MSVOA\_X  
ClientSampleId :  
GWOW-BR-02-231-251-100322

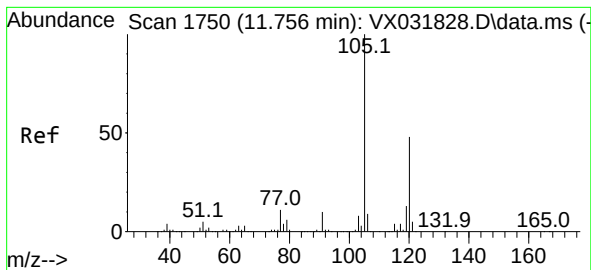
Tgt Ion:106 Resp: 1512  
Ion Ratio Lower Upper  
106 100  
91 165.5 161.0 241.4



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.024 min Scan# 1794  
Delta R.T. 0.000 min  
Lab File: VX031877.D  
Acq: 04 Oct 2022 18:16

Tgt Ion:152 Resp: 125364  
Ion Ratio Lower Upper  
152 100  
115 54.8 43.4 130.1  
150 155.2 0.0 346.8





#84

1,2,4-Trimethylbenzene

Concen: 0.331 ug/l

RT: 11.756 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX031877.D

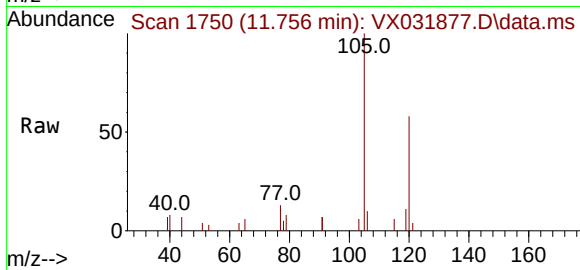
Acq: 04 Oct 2022 18:16

Instrument :

MSVOA\_X

ClientSampleId :

GWOW-BR-02-231-251-100322



Tgt Ion:105 Resp: 2439

Ion Ratio Lower Upper

105 100

120 55.6 22.6 67.8

