

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX102523\  
 Data File : VX038477.D  
 Acq On : 25 Oct 2023 14:11  
 Operator : JC/MD  
 Sample : 05007-19  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 GW-26-10-13

Quant Time: Oct 26 04:04:35 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X100523W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Oct 05 15:27:13 2023  
 Response via : Initial Calibration

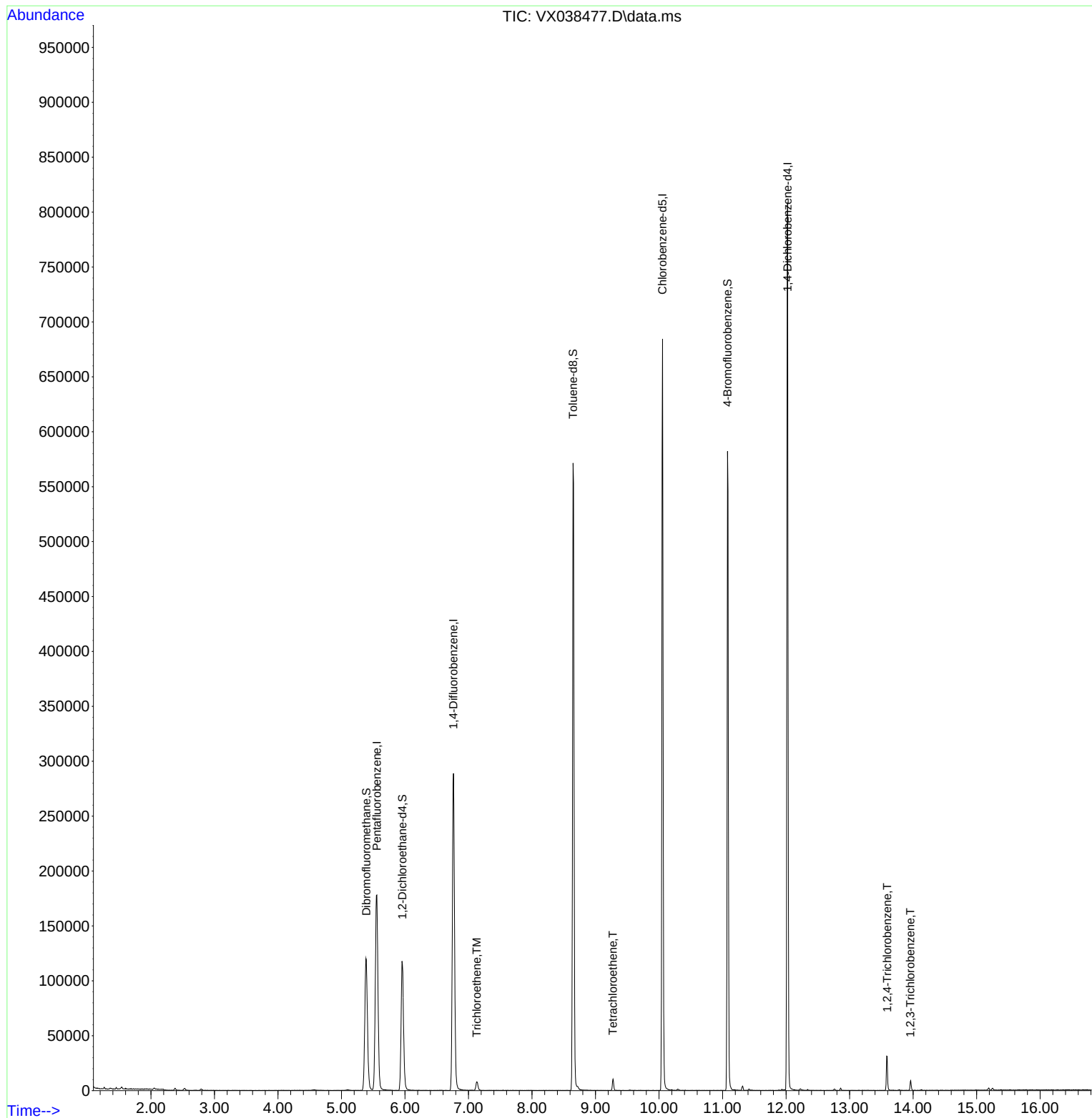
| Compound                    | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|--------|----------|
| -----                       |        |       |          |          |        |          |
| Internal Standards          |        |       |          |          |        |          |
| 1) Pentafluorobenzene       | 5.556  | 168   | 176866   | 50.000   | ug/l   | # 0.00   |
| 34) 1,4-Difluorobenzene     | 6.763  | 114   | 310323   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 10.055 | 117   | 313490   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.024 | 152   | 178062   | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 5.958  | 65    | 113630   | 39.943   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | =      | 79.880%  |
| 35) Dibromofluoromethane    | 5.391  | 113   | 105184   | 47.040   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =      | 94.080%  |
| 50) Toluene-d8              | 8.647  | 98    | 362103   | 42.378   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | =      | 84.760%# |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 152712   | 47.143   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =      | 94.280%  |
| Target Compounds            |        |       |          |          |        |          |
|                             |        |       |          |          | Qvalue |          |
| 44) Trichloroethene         | 7.129  | 130   | 3424     | 1.518    | ug/l   | 84       |
| 64) Tetrachloroethene       | 9.275  | 164   | 1751     | 0.863    | ug/l   | 95       |
| 93) 1,2,4-Trichlorobenzene  | 13.591 | 180   | 8486     | 2.248    | ug/l   | 90       |
| 96) 1,2,3-Trichlorobenzene  | 13.957 | 180   | 2391     | 0.654    | ug/l   | 95       |
| -----                       |        |       |          |          |        |          |

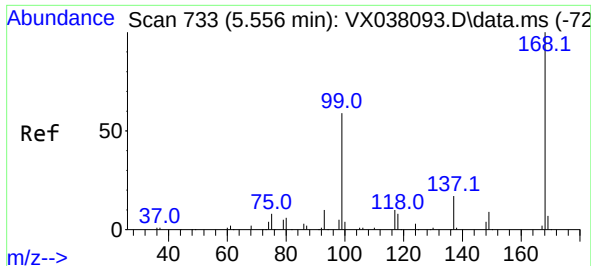
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Oct 05 15:27:13 2023  
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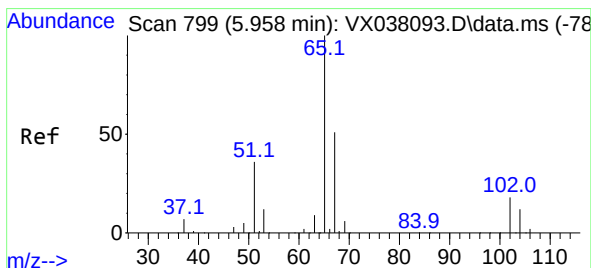
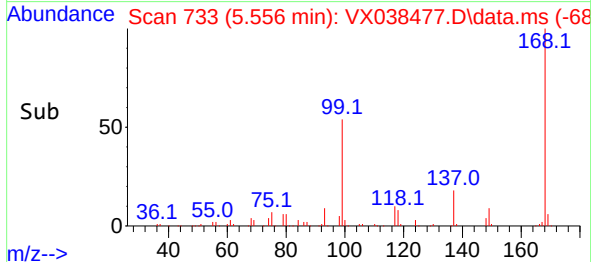
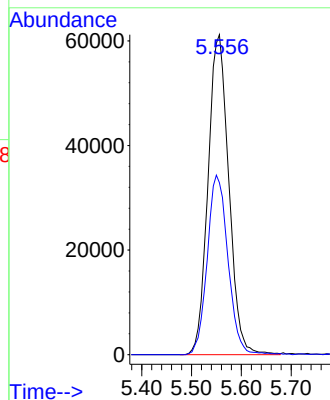
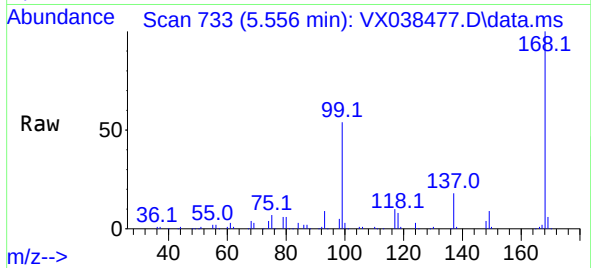




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.556 min Scan# 719  
Delta R.T. -0.000 min  
Lab File: VX038477.D  
Acq: 25 Oct 2023 14:11

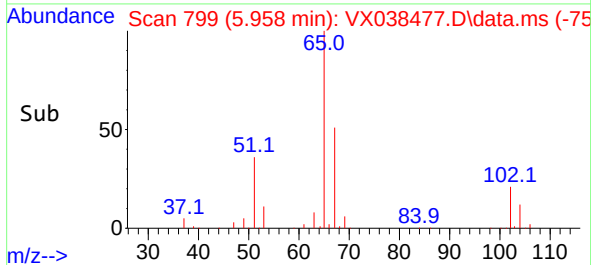
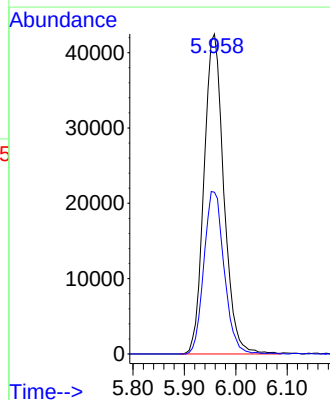
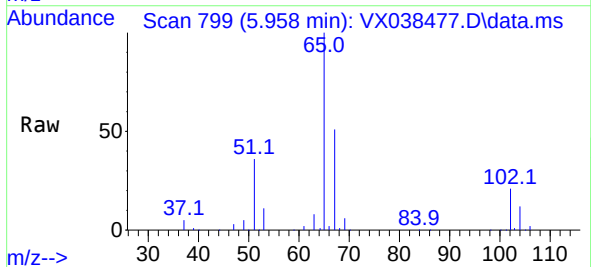
Instrument :  
MSVOA\_X  
ClientSampleId :  
GW-26-10-13

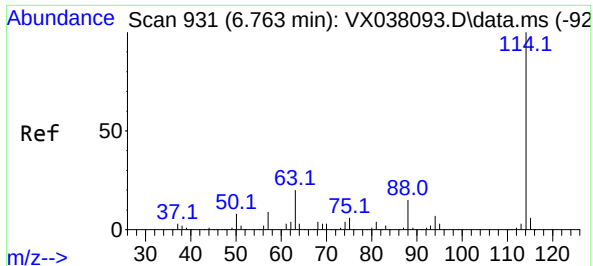
Tgt Ion:168 Resp: 176866  
Ion Ratio Lower Upper  
168 100  
99 53.8 56.6 85.0#



#33  
1,2-Dichloroethane-d4  
Concen: 39.943 ug/l  
RT: 5.958 min Scan# 799  
Delta R.T. 0.000 min  
Lab File: VX038477.D  
Acq: 25 Oct 2023 14:11

Tgt Ion: 65 Resp: 113630  
Ion Ratio Lower Upper  
65 100  
67 51.9 0.0 100.2

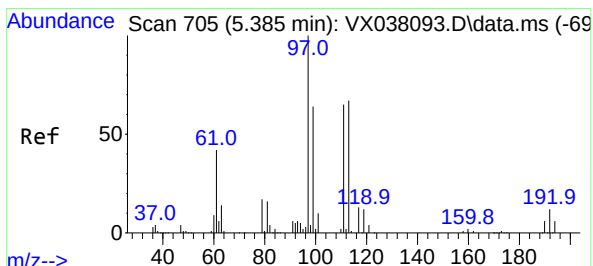
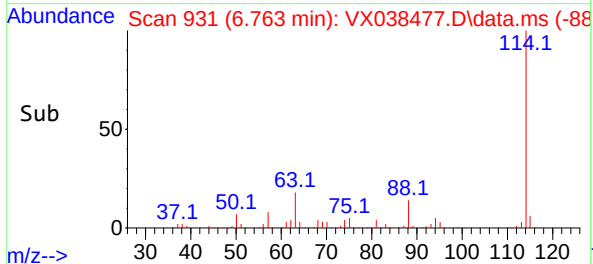
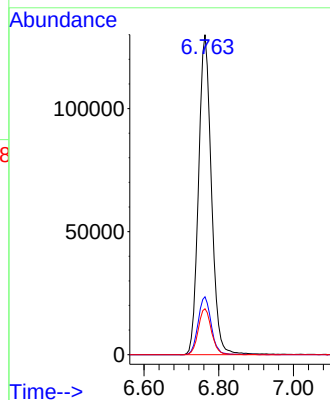
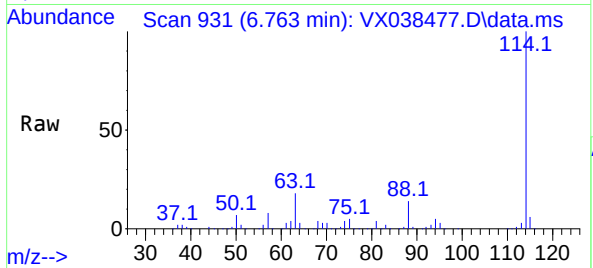




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.763 min Scan# 911  
Delta R.T. 0.000 min  
Lab File: VX038477.D  
Acq: 25 Oct 2023 14:11

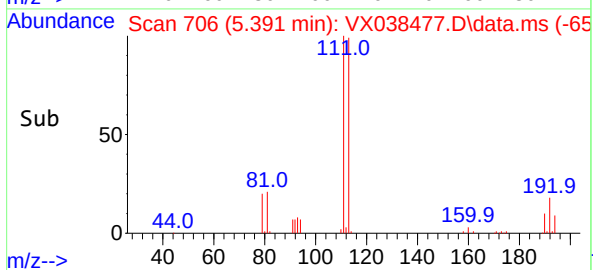
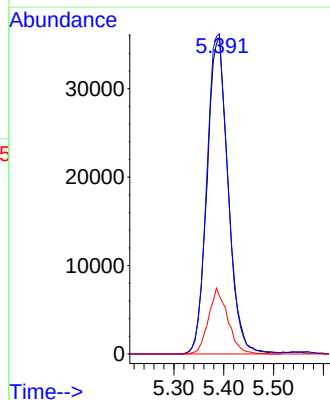
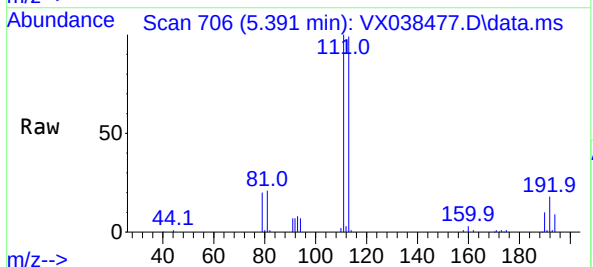
Instrument :  
MSVOA\_X  
ClientSampleId :  
GW-26-10-13

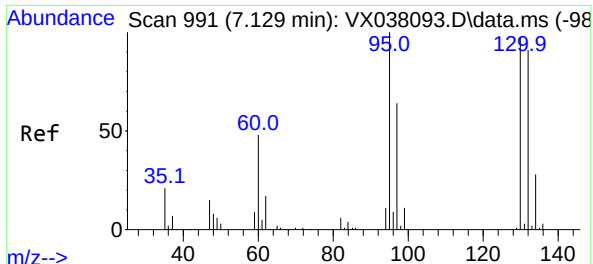
Tgt Ion:114 Resp: 310323  
Ion Ratio Lower Upper  
114 100  
63 18.1 0.0 45.0  
88 14.4 0.0 36.6



#35  
Dibromofluoromethane  
Concen: 47.040 ug/l  
RT: 5.391 min Scan# 706  
Delta R.T. 0.006 min  
Lab File: VX038477.D  
Acq: 25 Oct 2023 14:11

Tgt Ion:113 Resp: 105184  
Ion Ratio Lower Upper  
113 100  
111 101.6 82.9 124.3  
192 19.0 13.3 19.9

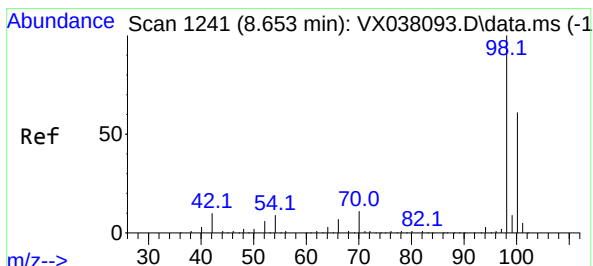
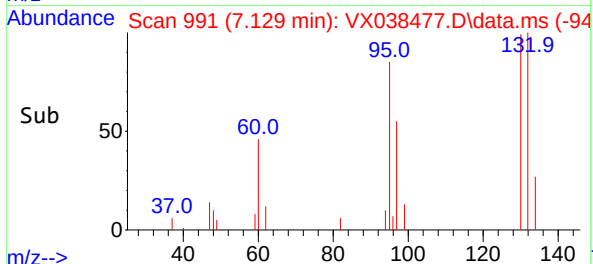
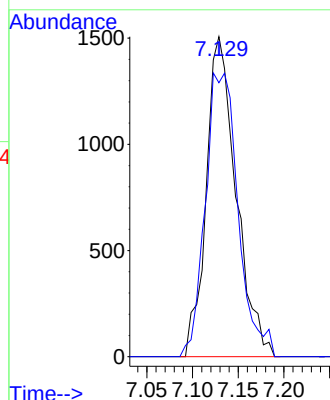
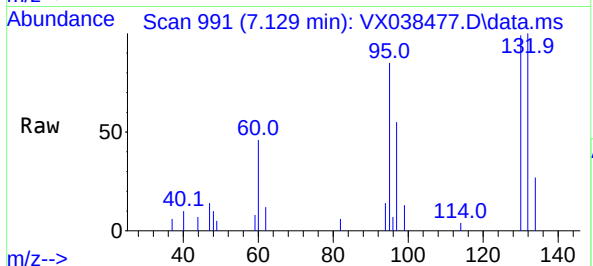




#44  
Trichloroethene  
Concen: 1.518 ug/l  
RT: 7.129 min Scan# 991  
Delta R.T. -0.000 min  
Lab File: VX038477.D  
Acq: 25 Oct 2023 14:11

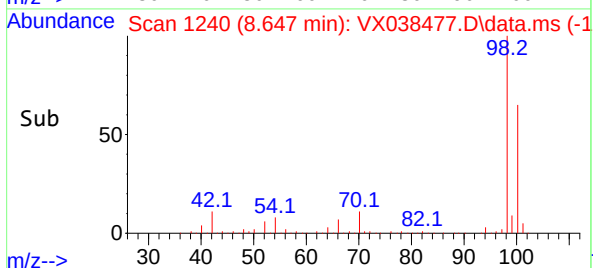
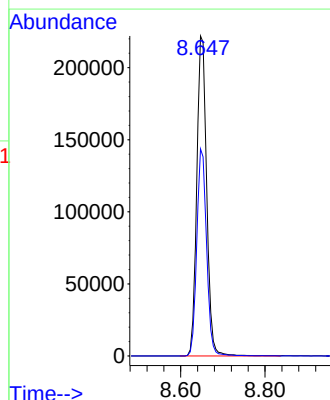
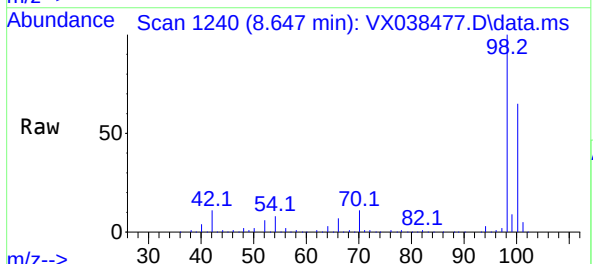
Instrument :  
MSVOA\_X  
ClientSampleId :  
GW-26-10-13

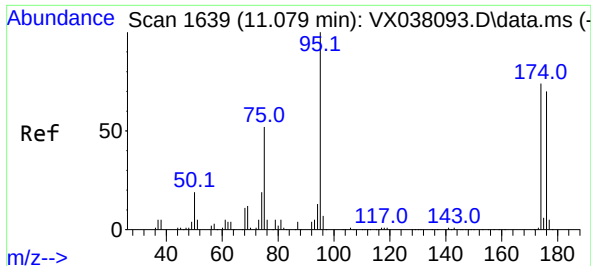
Tgt Ion:130 Resp: 3424  
Ion Ratio Lower Upper  
130 100  
95 85.6 0.0 204.4



#50  
Toluene-d8  
Concen: 42.378 ug/l  
RT: 8.647 min Scan# 1240  
Delta R.T. -0.006 min  
Lab File: VX038477.D  
Acq: 25 Oct 2023 14:11

Tgt Ion: 98 Resp: 362103  
Ion Ratio Lower Upper  
98 100  
100 64.2 53.1 79.7

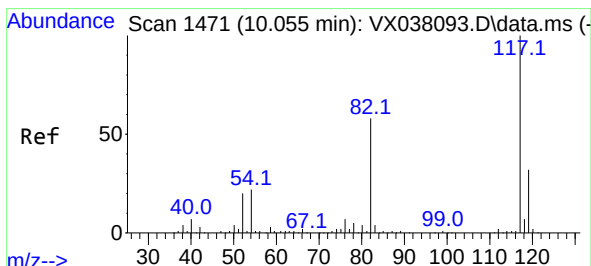
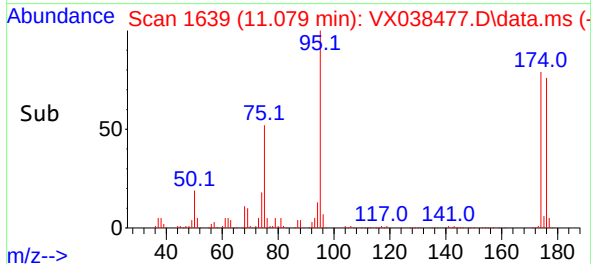
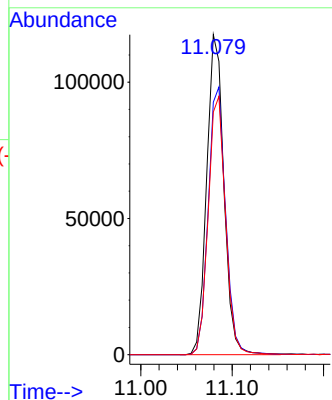
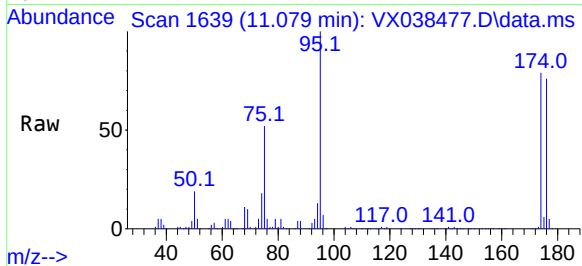




#62  
4-Bromofluorobenzene  
Concen: 47.143 ug/l  
RT: 11.079 min Scan# 1  
Delta R.T. 0.000 min  
Lab File: VX038477.D  
Acq: 25 Oct 2023 14:11

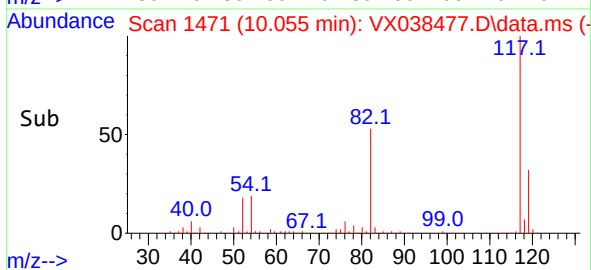
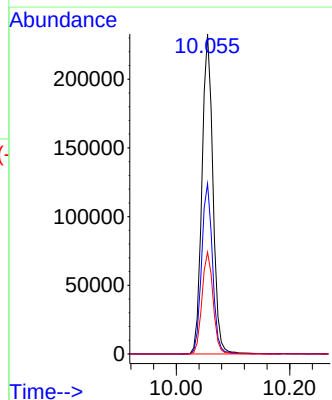
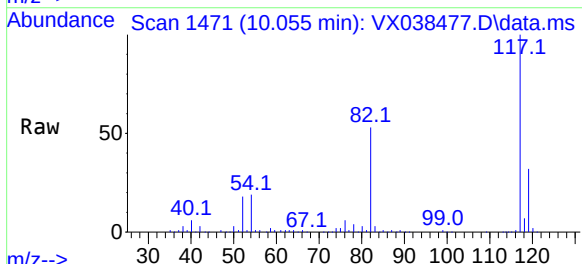
Instrument :  
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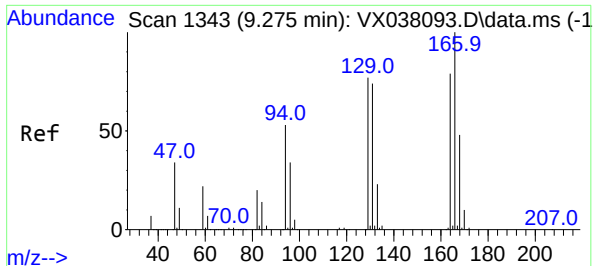
Tgt Ion: 95 Resp: 152712  
Ion Ratio Lower Upper  
95 100  
174 84.9 0.0 135.6  
176 81.7 0.0 131.0



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VX038477.D  
Acq: 25 Oct 2023 14:11

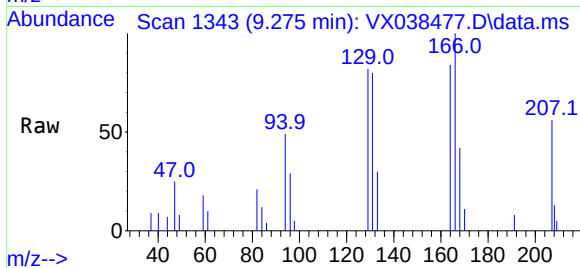
Tgt Ion: 117 Resp: 313490  
Ion Ratio Lower Upper  
117 100  
82 53.2 46.2 69.4  
119 31.8 25.5 38.3





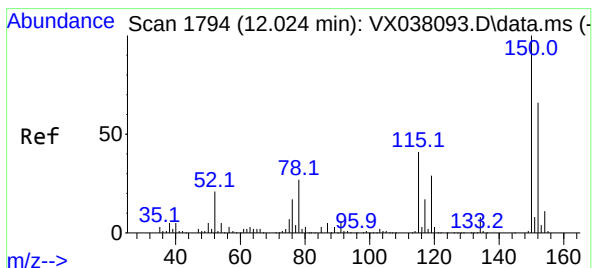
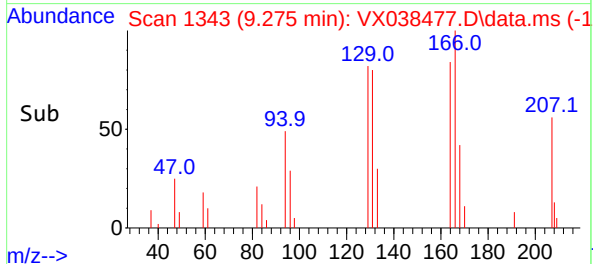
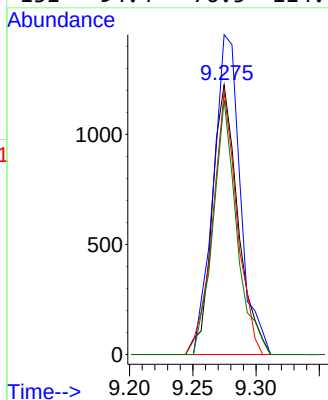
#64  
Tetrachloroethene  
Concen: 0.863 ug/l  
RT: 9.275 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX038477.D  
Acq: 25 Oct 2023 14:11

Instrument :  
MSVOA\_X  
ClientSampleId :  
GW-26-10-13



Tgt Ion:164 Resp: 1751

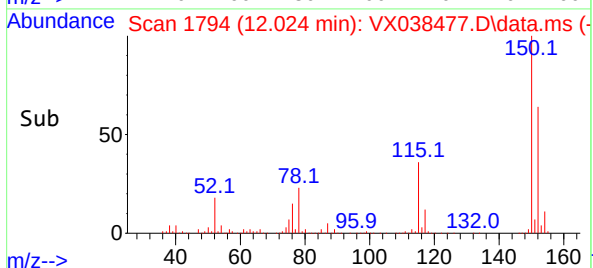
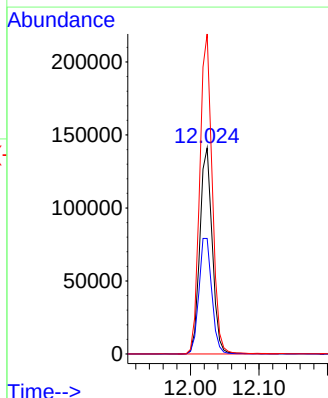
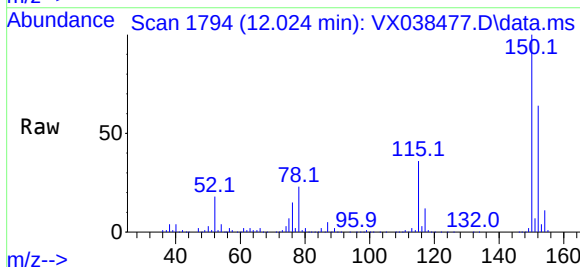
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 166 | 118.6 | 102.7 | 154.1 |
| 129 | 97.6  | 80.4  | 120.6 |
| 131 | 94.4  | 76.5  | 114.7 |

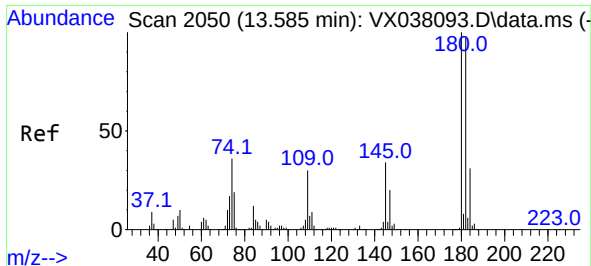


#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.024 min Scan# 1794  
Delta R.T. 0.000 min  
Lab File: VX038477.D  
Acq: 25 Oct 2023 14:11

Tgt Ion:152 Resp: 178062

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 152 | 100   |       |       |
| 115 | 58.3  | 43.3  | 129.9 |
| 150 | 155.7 | 0.0   | 345.0 |

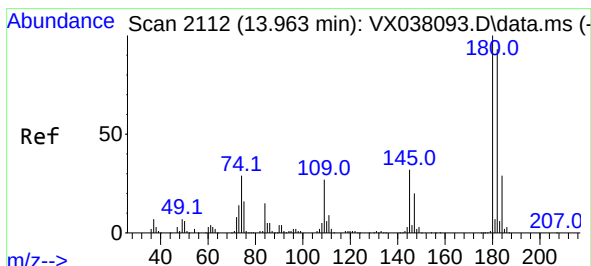
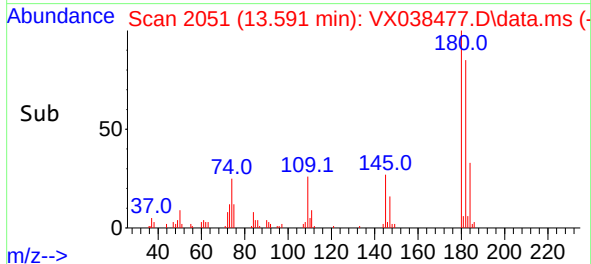
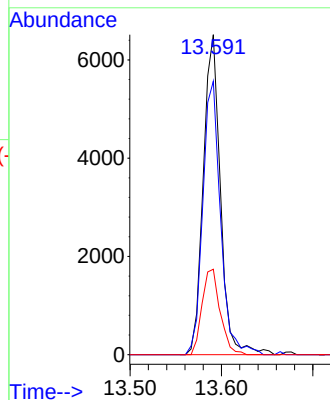
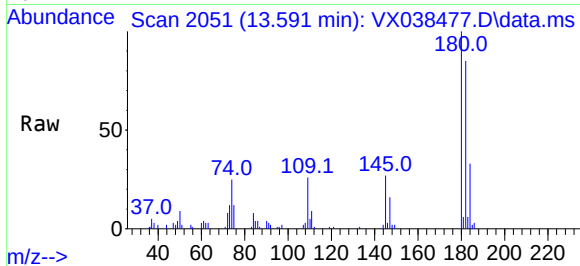




#93  
1,2,4-Trichlorobenzene  
Concen: 2.248 ug/l  
RT: 13.591 min Scan# 2050  
Delta R.T. 0.006 min  
Lab File: VX038477.D  
Acq: 25 Oct 2023 14:11

Instrument :  
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Tgt Ion:180 Resp: 8486  
Ion Ratio Lower Upper  
180 100  
182 88.4 48.3 144.8  
145 28.2 18.0 54.0



#96  
1,2,3-Trichlorobenzene  
Concen: 0.654 ug/l  
RT: 13.957 min Scan# 2111  
Delta R.T. -0.006 min  
Lab File: VX038477.D  
Acq: 25 Oct 2023 14:11

Tgt Ion:180 Resp: 2391  
Ion Ratio Lower Upper  
180 100  
182 99.1 46.9 140.6  
145 33.5 17.8 53.5

