

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX101123\  
 Data File : VX038238.D  
 Acq On : 11 Oct 2023 18:38  
 Operator : JC/MD  
 Sample : 04803-13  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 GW-9-23-26

Quant Time: Oct 12 02:49:17 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

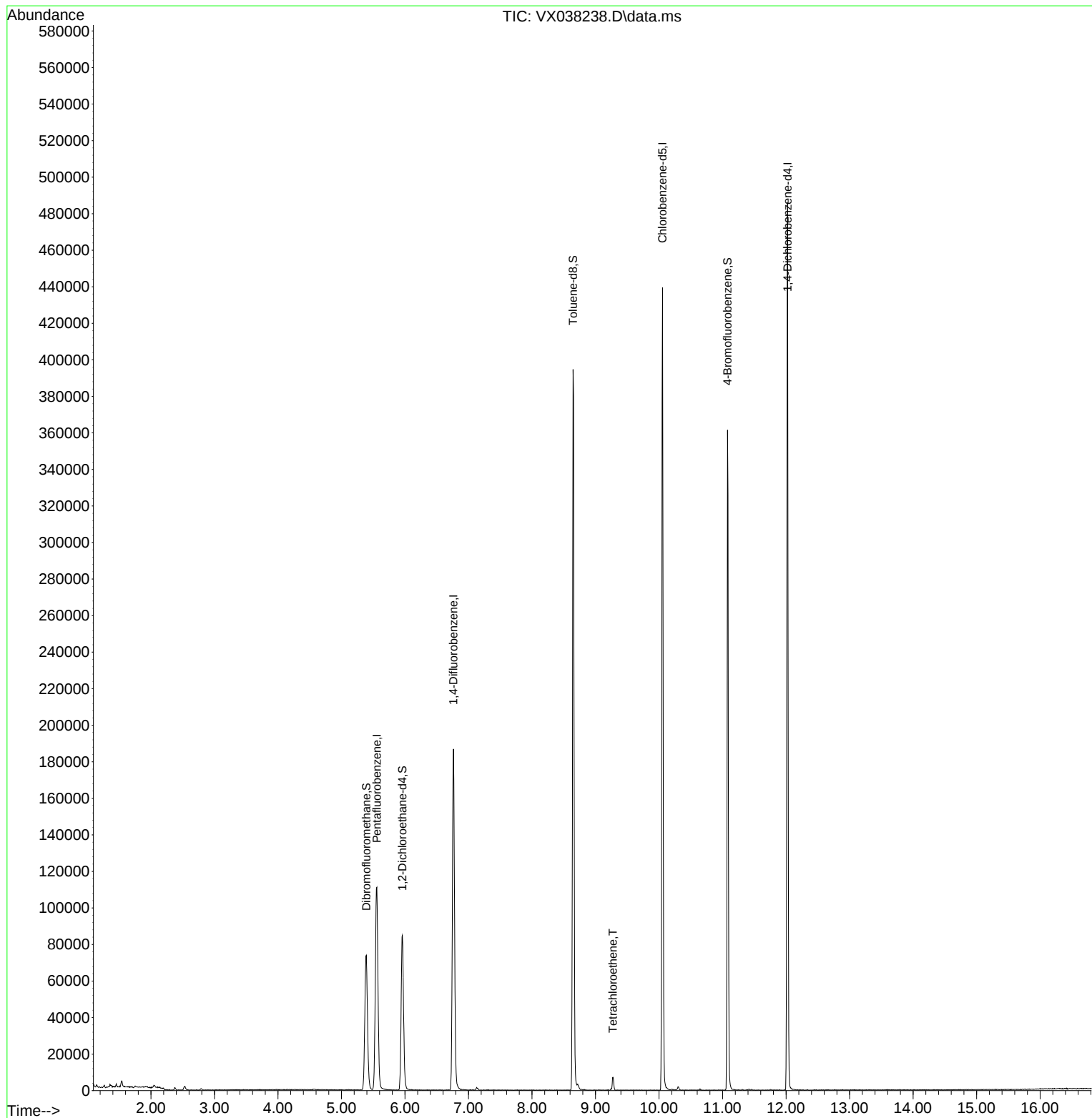
| Compound                    | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|--------|----------|
| -----                       |        |       |          |          |        |          |
| Internal Standards          |        |       |          |          |        |          |
| 1) Pentafluorobenzene       | 5.556  | 168   | 105457   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.763  | 114   | 189772   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 10.055 | 117   | 192942   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.024 | 152   | 100744   | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 5.958  | 65    | 80123    | 47.237   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | =      | 94.480%  |
| 35) Dibromofluoromethane    | 5.391  | 113   | 64332    | 47.046   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =      | 94.100%  |
| 50) Toluene-d8              | 8.647  | 98    | 241882   | 46.291   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | =      | 92.580%  |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 90641    | 45.756   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =      | 91.520%  |
| Target Compounds            |        |       |          |          |        |          |
|                             |        |       |          |          | Qvalue |          |
| 64) Tetrachloroethene       | 9.275  | 164   | 1286     | 1.030    | ug/l # | 82       |
| -----                       |        |       |          |          |        |          |

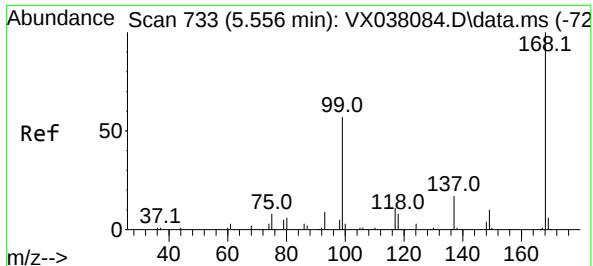
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :  
MSVOA\_X  
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GW-9-23-26

Quant Time: Oct 12 02:49:17 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

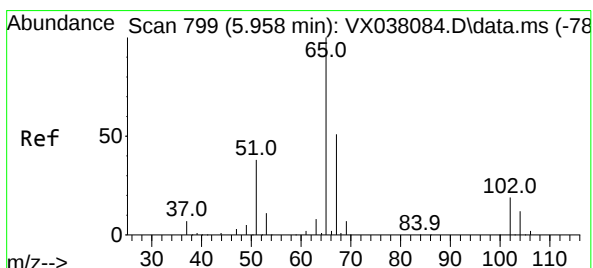
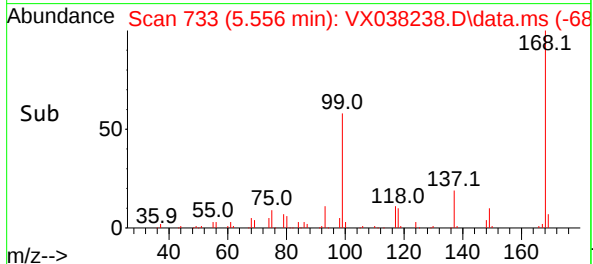
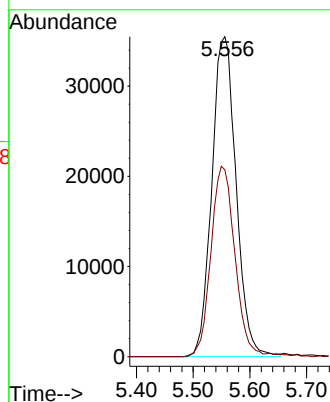
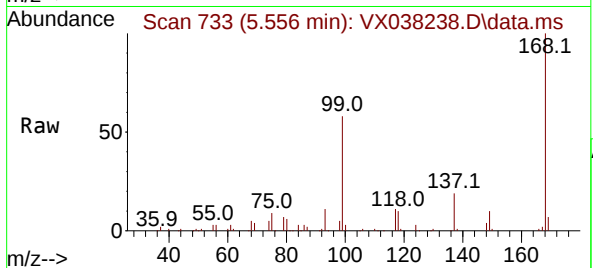




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.556 min Scan# 711  
Delta R.T. -0.000 min  
Lab File: VX038238.D  
Acq: 11 Oct 2023 18:38

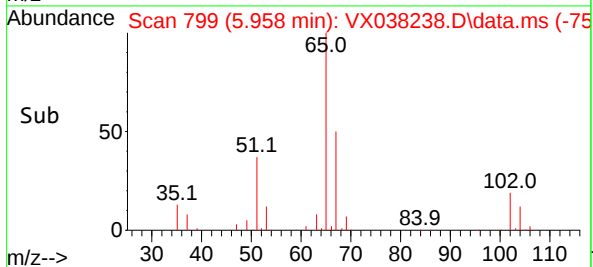
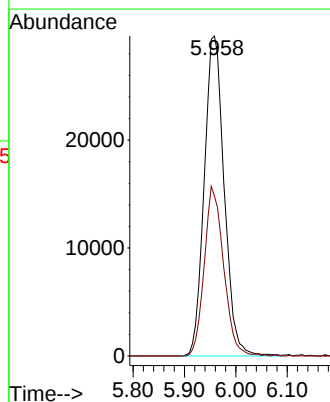
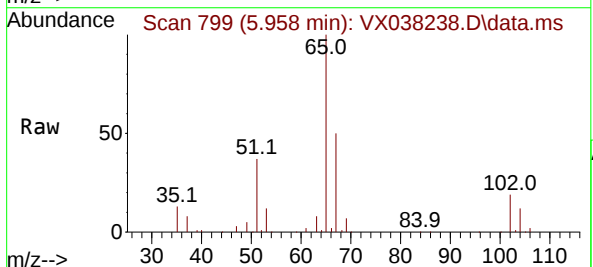
Instrument :  
MSVOA\_X  
ClientSampleId :  
GW-9-23-26

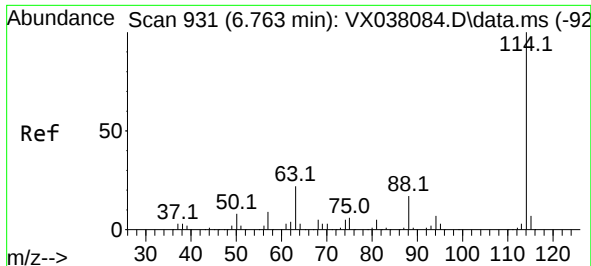
Tgt Ion:168 Resp: 105457  
Ion Ratio Lower Upper  
168 100  
99 58.4 56.6 85.0



#33  
1,2-Dichloroethane-d4  
Concen: 47.237 ug/l  
RT: 5.958 min Scan# 799  
Delta R.T. 0.000 min  
Lab File: VX038238.D  
Acq: 11 Oct 2023 18:38

Tgt Ion: 65 Resp: 80123  
Ion Ratio Lower Upper  
65 100  
67 51.3 0.0 100.2

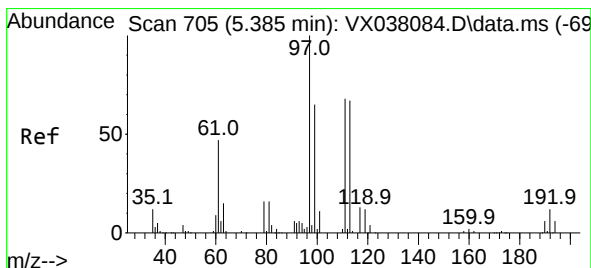
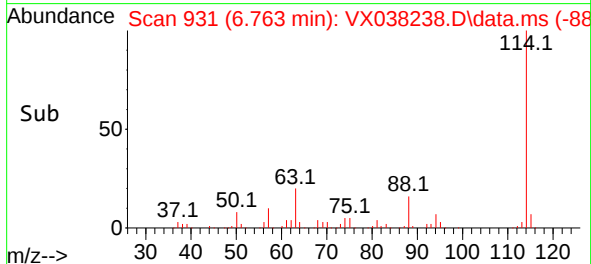
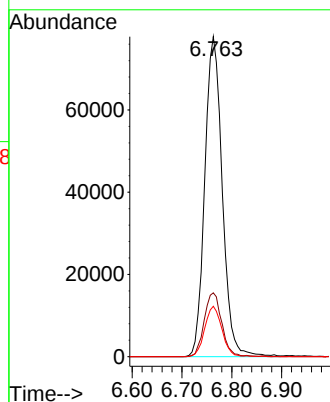
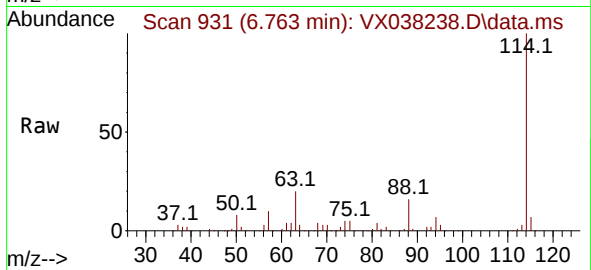




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.763 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VX038238.D  
Acq: 11 Oct 2023 18:38

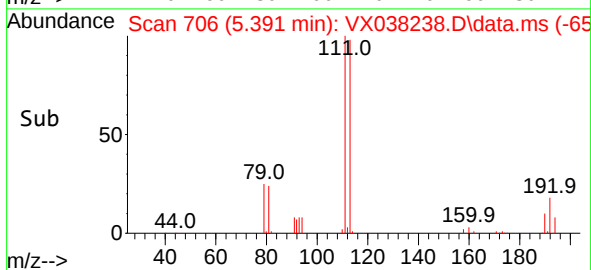
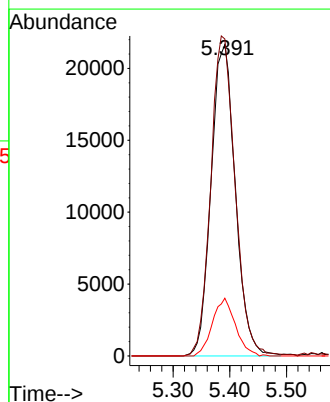
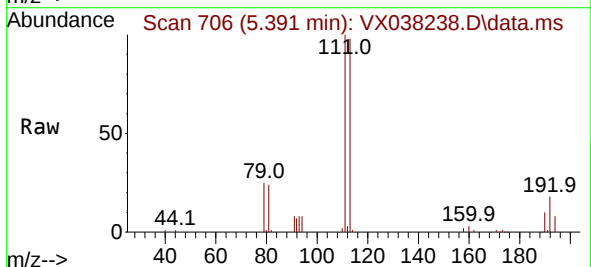
Instrument :  
MSVOA\_X  
ClientSampleId :  
GW-9-23-26

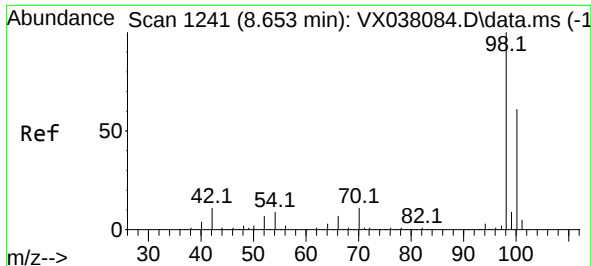
Tgt Ion:114 Resp: 189772  
Ion Ratio Lower Upper  
114 100  
63 20.0 0.0 45.0  
88 15.8 0.0 36.6



#35  
Dibromofluoromethane  
Concen: 47.046 ug/l  
RT: 5.391 min Scan# 706  
Delta R.T. 0.006 min  
Lab File: VX038238.D  
Acq: 11 Oct 2023 18:38

Tgt Ion:113 Resp: 64332  
Ion Ratio Lower Upper  
113 100  
111 103.2 82.9 124.3  
192 17.6 13.3 19.9

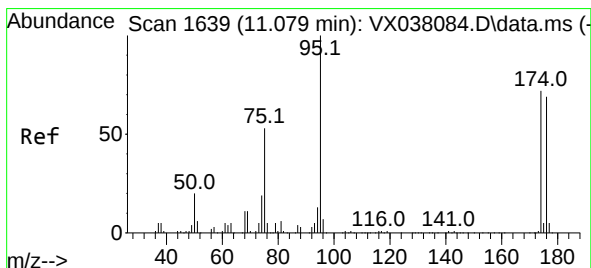
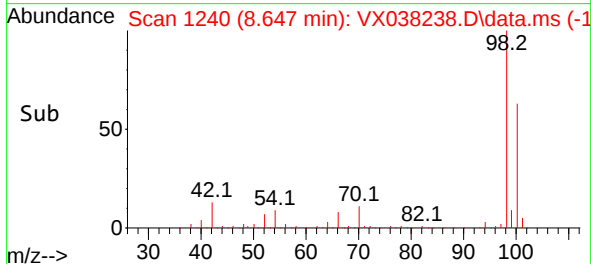
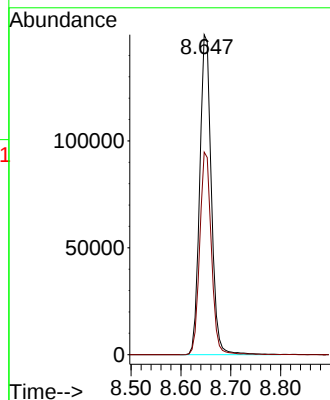
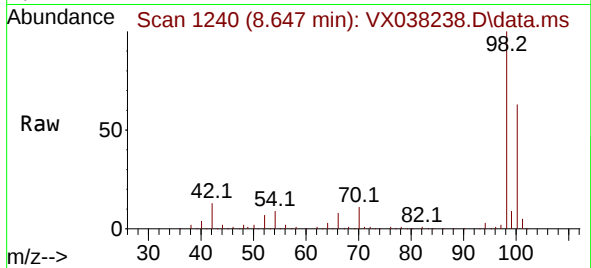




#50  
Toluene-d8  
Concen: 46.291 ug/l  
RT: 8.647 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VX038238.D  
Acq: 11 Oct 2023 18:38

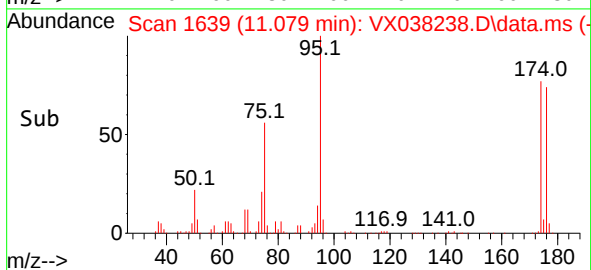
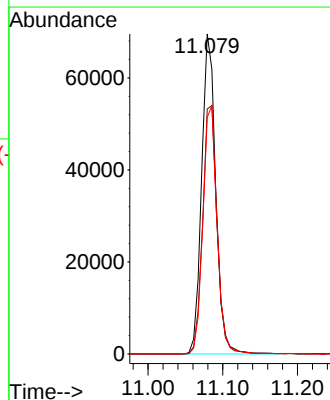
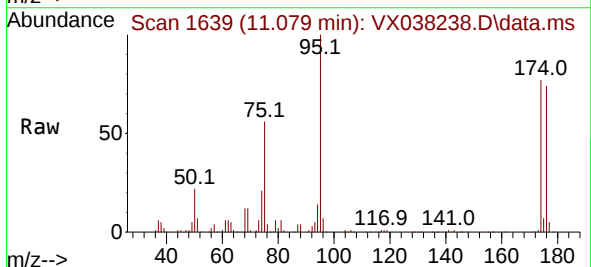
Instrument :  
MSVOA\_X  
ClientSampleId :  
GW-9-23-26

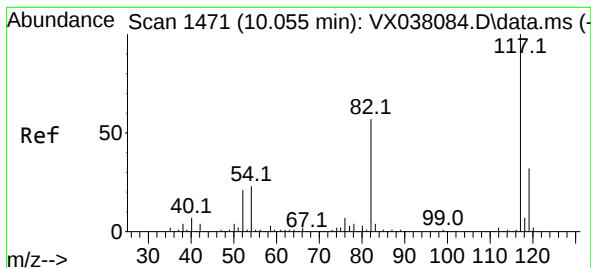
Tgt Ion: 98 Resp: 241882  
Ion Ratio Lower Upper  
98 100  
100 63.5 53.1 79.7



#62  
4-Bromofluorobenzene  
Concen: 45.756 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.000 min  
Lab File: VX038238.D  
Acq: 11 Oct 2023 18:38

Tgt Ion: 95 Resp: 90641  
Ion Ratio Lower Upper  
95 100  
174 80.6 0.0 135.6  
176 77.9 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: VX038238.D

Acq: 11 Oct 2023 18:38

Instrument :

MSVOA\_X

ClientSampleId :

GW-9-23-26

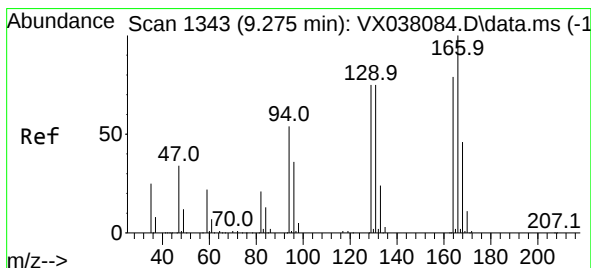
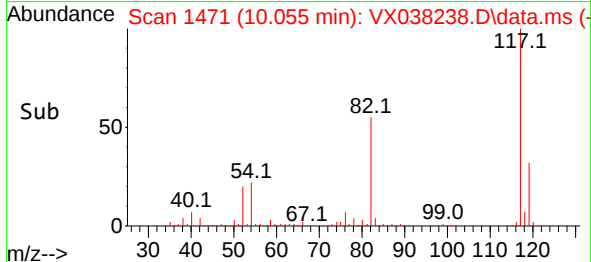
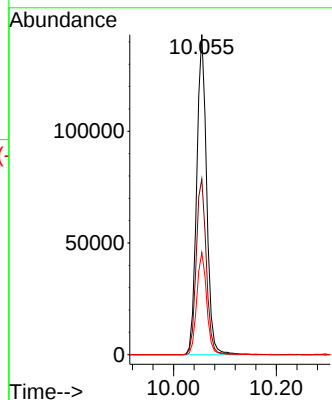
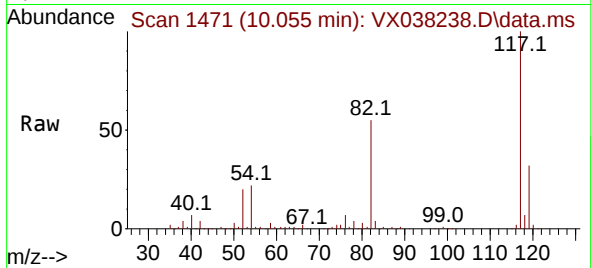
Tgt Ion:117 Resp: 192942

Ion Ratio Lower Upper

117 100

82 54.9 46.2 69.4

119 32.0 25.5 38.3



#64

Tetrachloroethene

Concen: 1.030 ug/l

RT: 9.275 min Scan# 1343

Delta R.T. -0.000 min

Lab File: VX038238.D

Acq: 11 Oct 2023 18:38

Tgt Ion:164 Resp: 1286

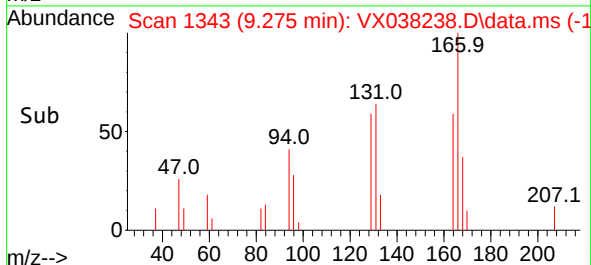
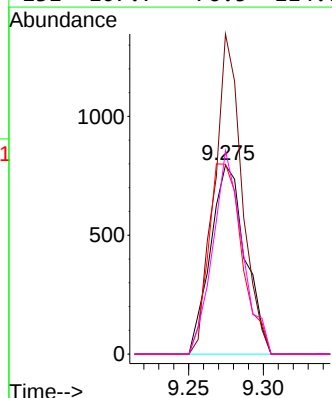
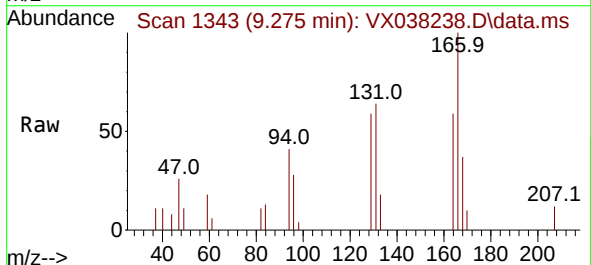
Ion Ratio Lower Upper

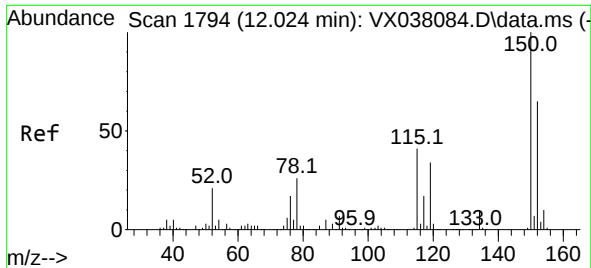
164 100

166 169.4 102.7 154.1#

129 100.5 80.4 120.6

131 107.7 76.5 114.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX038238.D

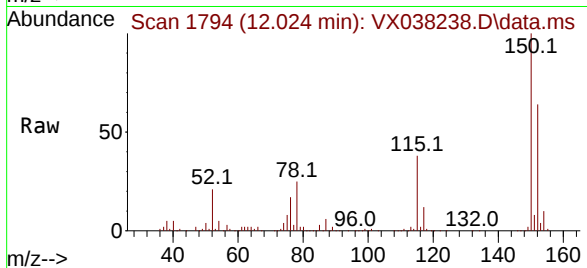
Acq: 11 Oct 2023 18:38

Instrument :

MSVOA\_X

ClientSampleId :

GW-9-23-26



Tgt Ion:152 Resp: 100744

Ion Ratio Lower Upper

152 100

115 59.1 43.3 129.9

150 156.4 0.0 345.0

