

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX082521\  
 Data File : VX023939.D  
 Acq On : 25 Aug 2021 15:31  
 Operator : JC/MD  
 Sample : M3525-04  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 WVLY-SW-16-GW-081921

Quant Time: Aug 26 07:36:46 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X081721W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Aug 17 11:57:51 2021  
 Response via : Initial Calibration

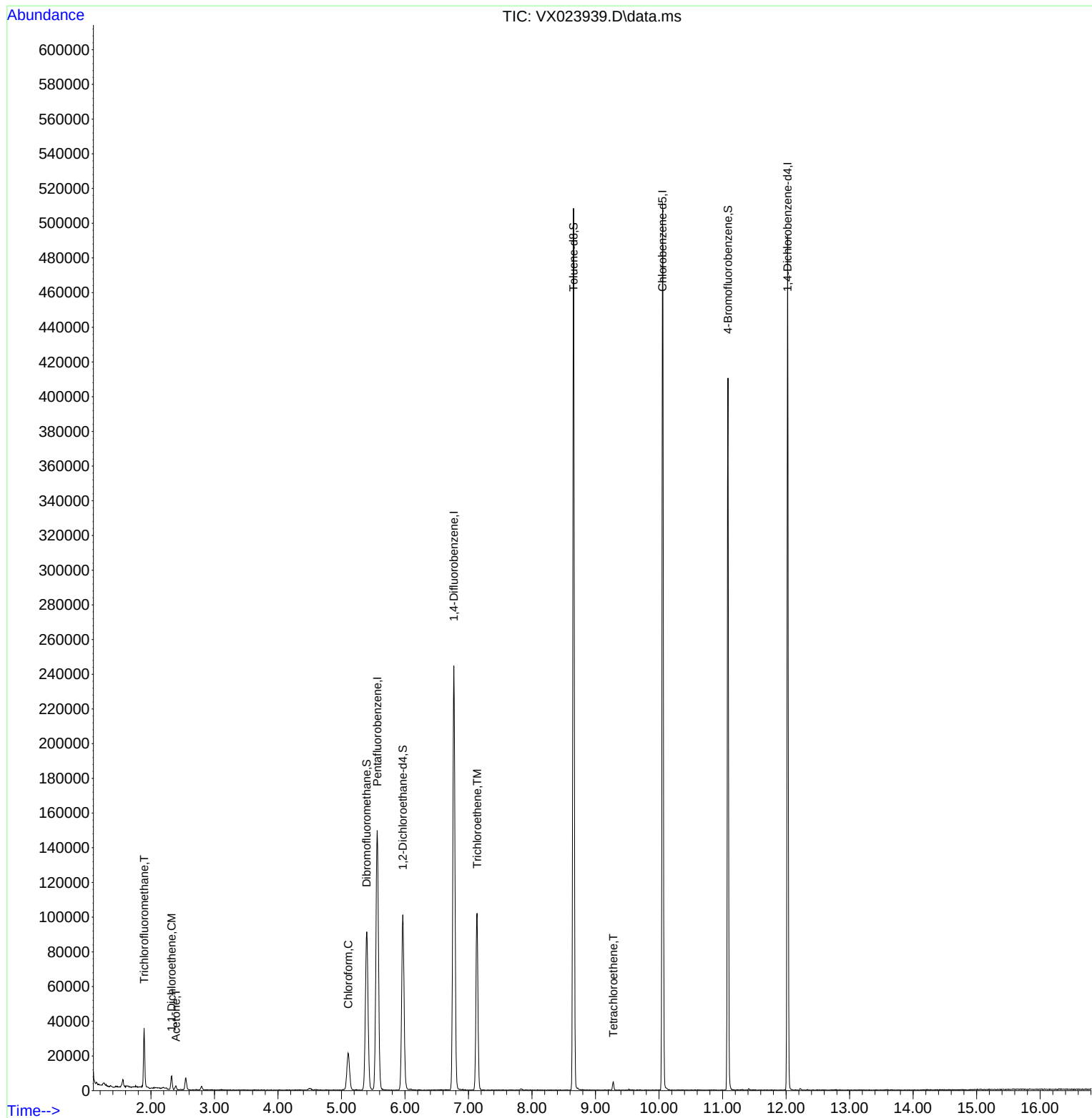
| Compound                    | R.T.   | QIon           | Response | Conc       | Units  | Dev(Min) |
|-----------------------------|--------|----------------|----------|------------|--------|----------|
| -----                       |        |                |          |            |        |          |
| Internal Standards          |        |                |          |            |        |          |
| 1) Pentafluorobenzene       | 5.562  | 168            | 139424   | 50.000     | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.769  | 114            | 241369   | 50.000     | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 10.055 | 117            | 227320   | 50.000     | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.024 | 152            | 97235    | 50.000     | ug/l   | 0.00     |
| System Monitoring Compounds |        |                |          |            |        |          |
| 33) 1,2-Dichloroethane-d4   | 5.964  | 65             | 99753    | 51.263     | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range 78 - 117 | Recovery | = 102.520% |        |          |
| 35) Dibromofluoromethane    | 5.397  | 113            | 78791    | 49.320     | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range 75 - 124 | Recovery | = 98.640%  |        |          |
| 50) Toluene-d8              | 8.653  | 98             | 287059   | 47.211     | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range 92 - 112 | Recovery | = 94.420%  |        |          |
| 62) 4-Bromofluorobenzene    | 11.085 | 95             | 102583   | 45.830     | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range 83 - 123 | Recovery | = 91.660%  |        |          |
| Target Compounds            |        |                |          |            |        |          |
|                             |        |                |          |            | Qvalue |          |
| 7) Trichlorofluoromethane   | 1.892  | 101            | 20863    | 8.388      | ug/l   | 95       |
| 12) 1,1-Dichloroethene      | 2.325  | 96             | 2609     | 1.950      | ug/l   | 90       |
| 16) Acetone                 | 2.392  | 43             | 2468     | 2.837      | ug/l # | 88       |
| 30) Chloroform              | 5.105  | 83             | 24899    | 8.603      | ug/l   | 98       |
| 44) Trichloroethene         | 7.135  | 130            | 38789    | 21.244     | ug/l   | 98       |
| 64) Tetrachloroethene       | 9.281  | 164            | 810      | 0.446      | ug/l   | 87       |
| -----                       |        |                |          |            |        |          |

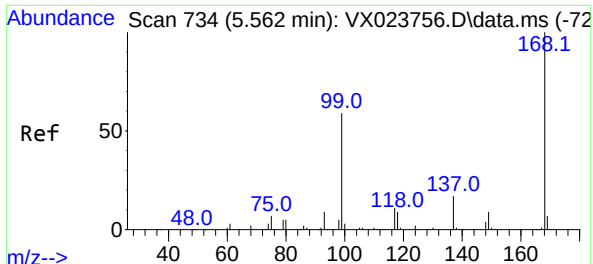
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260  
QLast Update : Tue Aug 17 11:57:51 2021  
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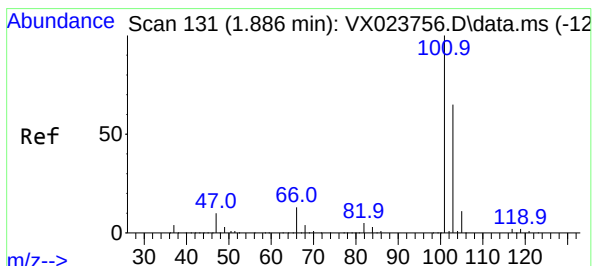
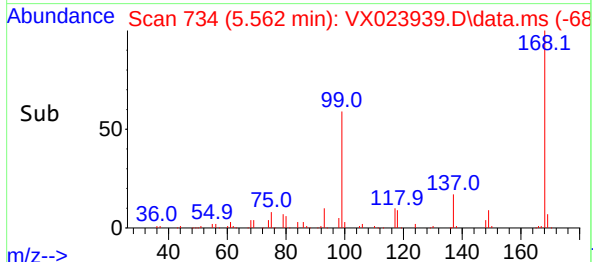
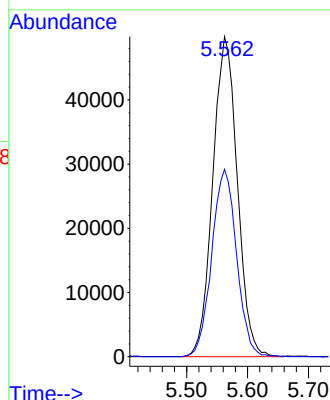
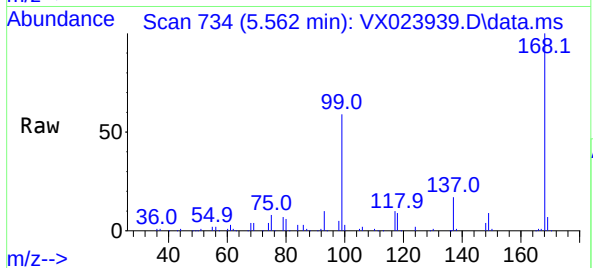




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.562 min Scan# 734  
Delta R.T. 0.000 min  
Lab File: VX023939.D  
Acq: 25 Aug 2021 15:31

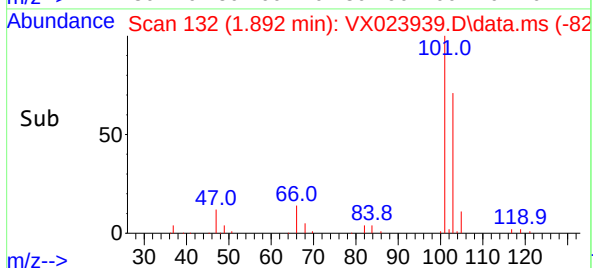
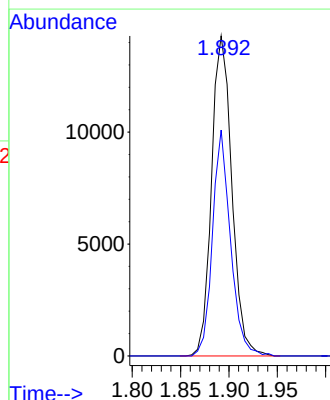
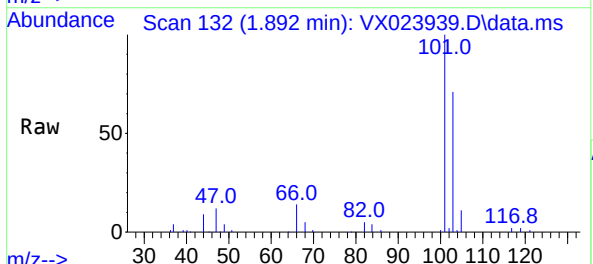
Instrument :  
MSVOA\_X  
ClientSampleId :  
WVLY-SW-16-GW-081921

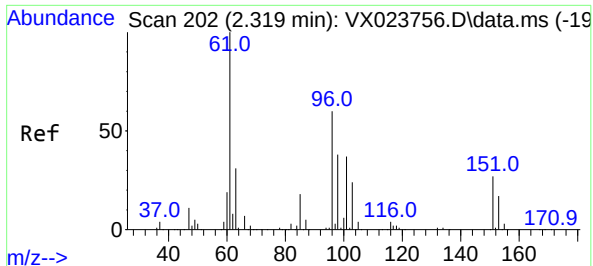
Tgt Ion:168 Resp: 139424  
Ion Ratio Lower Upper  
168 100  
99 58.5 45.8 68.6



#7  
Trichlorofluoromethane  
Concen: 8.388 ug/l  
RT: 1.892 min Scan# 132  
Delta R.T. 0.006 min  
Lab File: VX023939.D  
Acq: 25 Aug 2021 15:31

Tgt Ion:101 Resp: 20863  
Ion Ratio Lower Upper  
101 100  
103 70.6 53.2 79.8





#12

1,1-Dichloroethene

Concen: 1.950 ug/l

RT: 2.325 min Scan# 203

Delta R.T. 0.006 min

Lab File: VX023939.D

Acq: 25 Aug 2021 15:31

Tgt Ion: 96 Resp: 2609

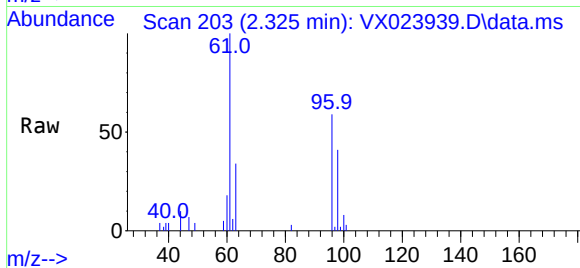
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 96  | 100   |       |       |
| 61  | 169.9 | 124.6 | 187.0 |
| 98  | 70.0  | 50.6  | 76.0  |

Instrument :

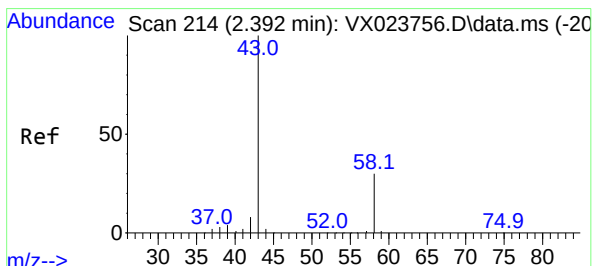
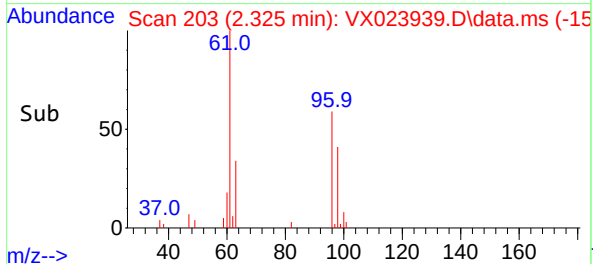
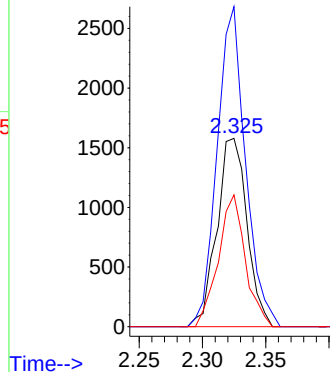
MSVOA\_X

ClientSampleId :

WVLY-SW-16-GW-081921



Abundance



#16

Acetone

Concen: 2.837 ug/l

RT: 2.392 min Scan# 214

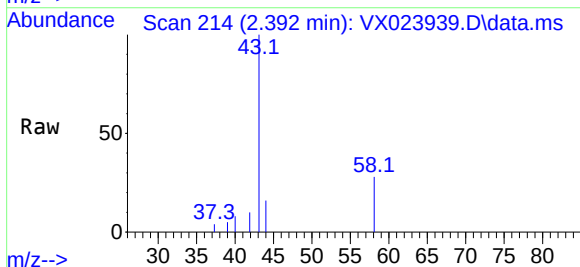
Delta R.T. -0.000 min

Lab File: VX023939.D

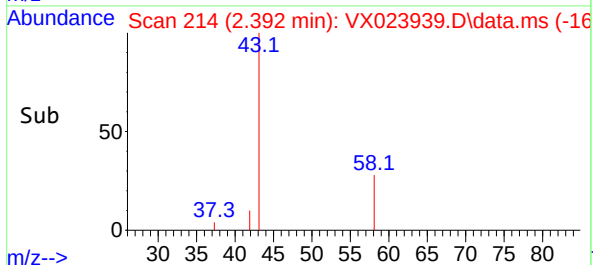
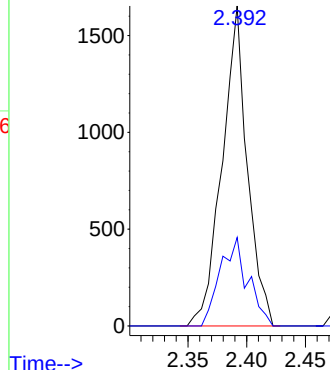
Acq: 25 Aug 2021 15:31

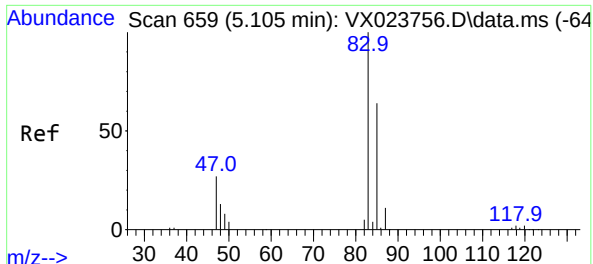
Tgt Ion: 43 Resp: 2468

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 58  | 27.6  | 27.8  | 41.8# |



Abundance





#30

Chloroform

Concen: 8.603 ug/l

RT: 5.105 min Scan# 659

Delta R.T. -0.000 min

Lab File: VX023939.D

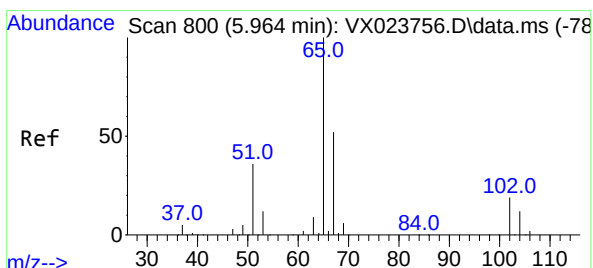
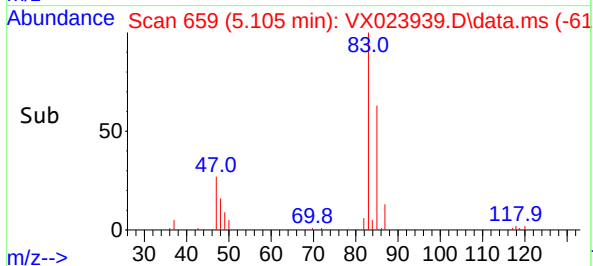
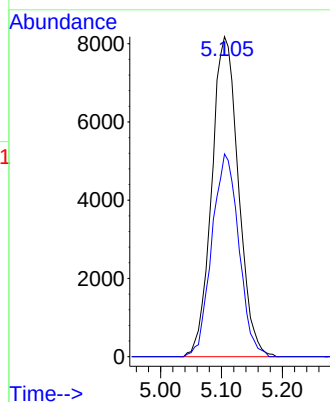
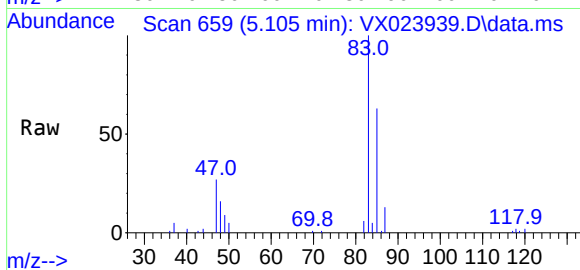
Acq: 25 Aug 2021 15:31

Tgt Ion: 83 Resp: 24899

Ion Ratio Lower Upper

83 100

85 63.4 52.0 78.0



#33

1,2-Dichloroethane-d4

Concen: 51.263 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.000 min

Lab File: VX023939.D

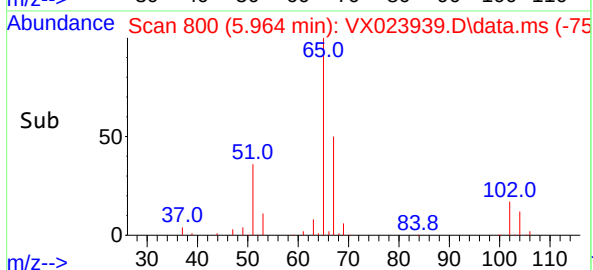
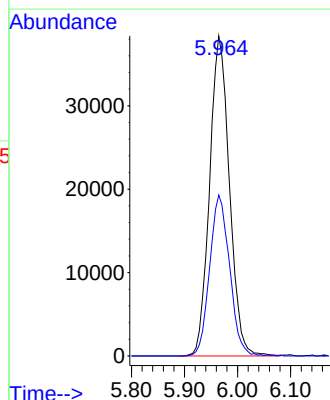
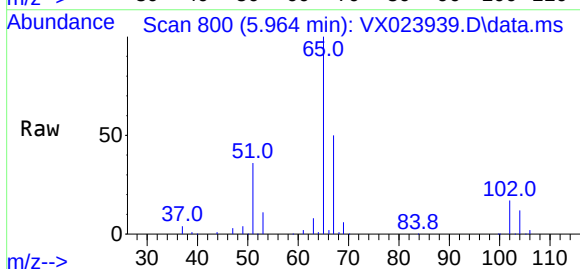
Acq: 25 Aug 2021 15:31

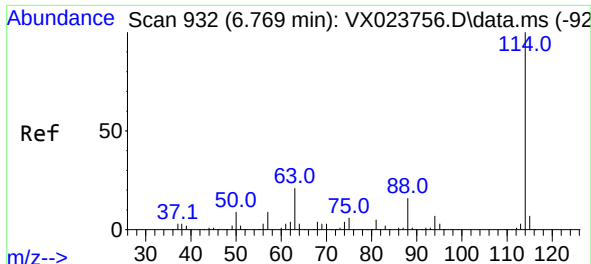
Tgt Ion: 65 Resp: 99753

Ion Ratio Lower Upper

65 100

67 50.6 0.0 105.4

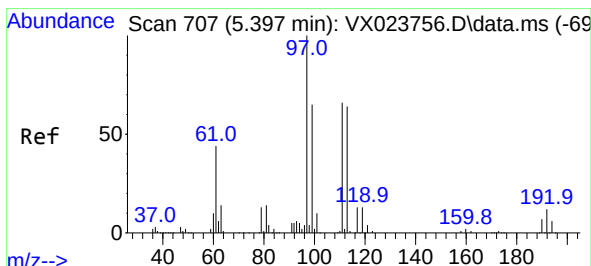
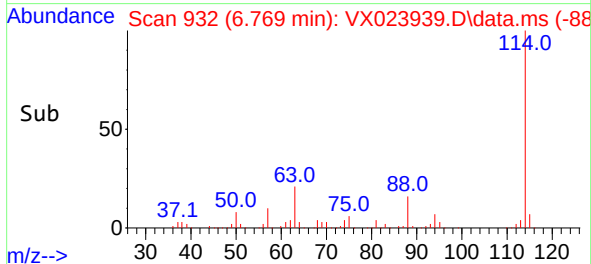
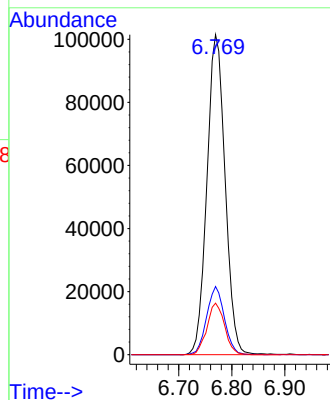
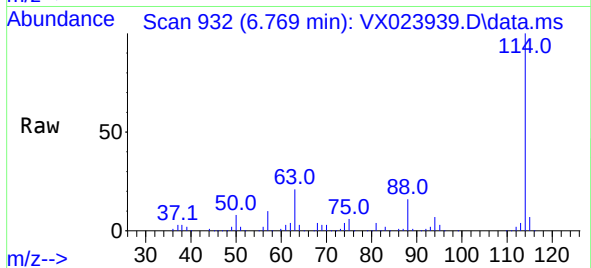




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.769 min Scan# 932  
Delta R.T. 0.000 min  
Lab File: VX023939.D  
Acq: 25 Aug 2021 15:31

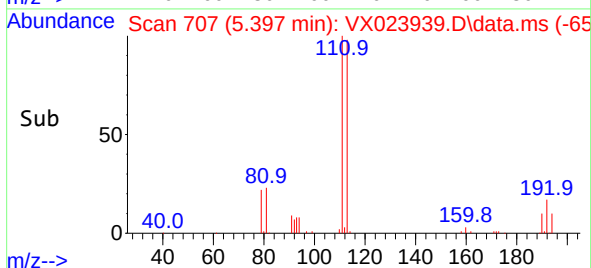
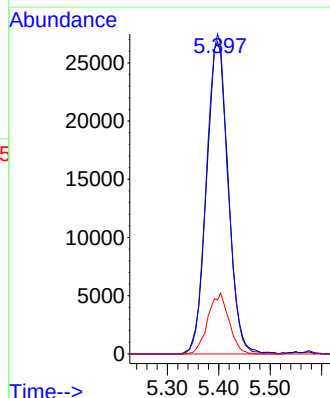
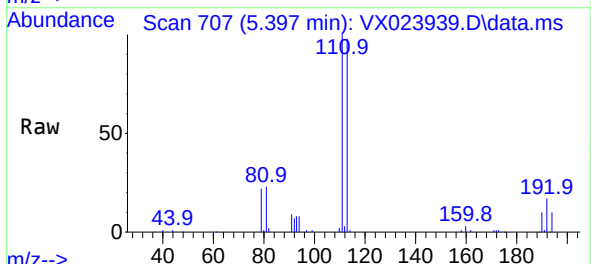
Instrument :  
MSVOA\_X  
ClientSampleId :  
WVLY-SW-16-GW-081921

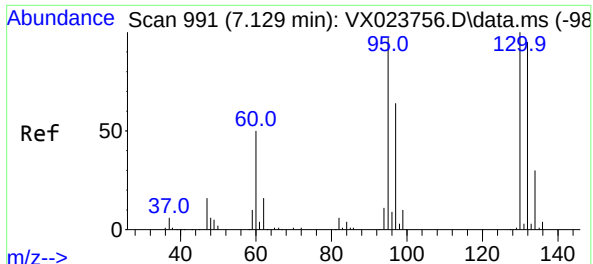
Tgt Ion:114 Resp: 241369  
Ion Ratio Lower Upper  
114 100  
63 21.3 0.0 40.8  
88 16.1 0.0 32.8



#35  
Dibromofluoromethane  
Concen: 49.320 ug/l  
RT: 5.397 min Scan# 707  
Delta R.T. 0.000 min  
Lab File: VX023939.D  
Acq: 25 Aug 2021 15:31

Tgt Ion:113 Resp: 78791  
Ion Ratio Lower Upper  
113 100  
111 100.8 81.9 122.9  
192 18.8 16.7 25.1





#44

Trichloroethene

Concen: 21.244 ug/l

RT: 7.135 min Scan# 992

Delta R.T. 0.006 min

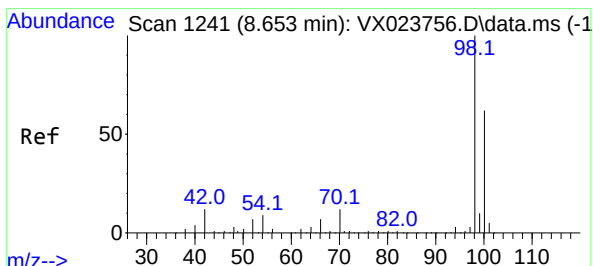
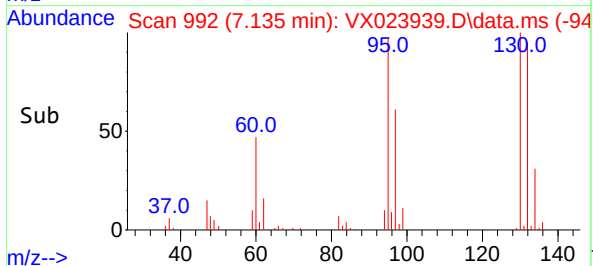
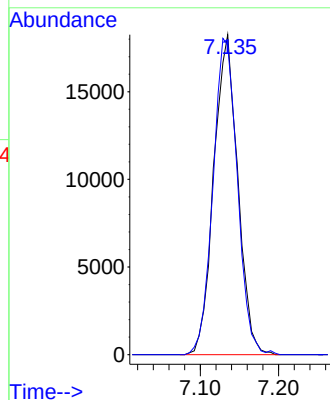
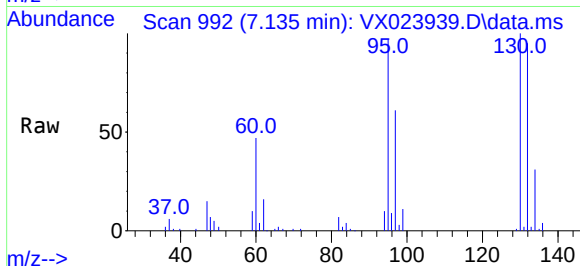
Lab File: VX023939.D

Acq: 25 Aug 2021 15:31

Tgt Ion:130 Resp: 38789

Ion Ratio Lower Upper

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 130 | 100   |       |       |
| 95  | 96.7  | 0.0   | 198.0 |



#50

Toluene-d8

Concen: 47.211 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

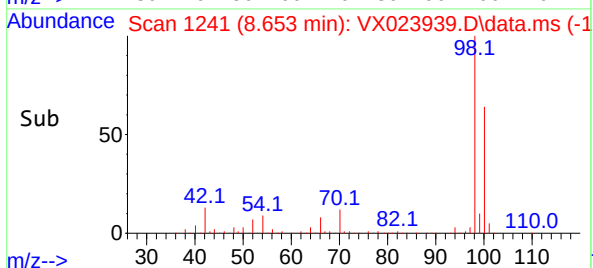
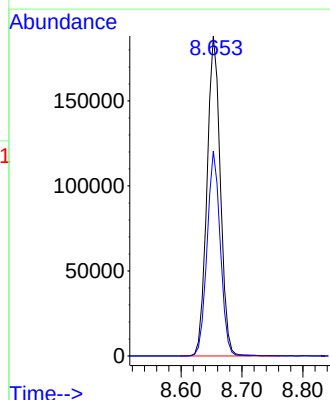
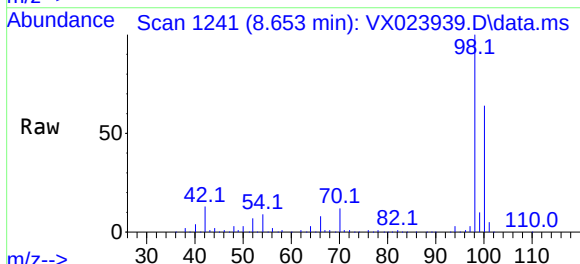
Lab File: VX023939.D

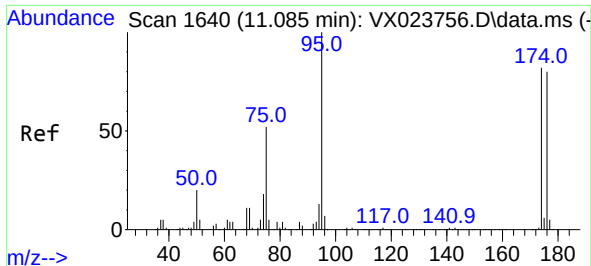
Acq: 25 Aug 2021 15:31

Tgt Ion: 98 Resp: 287059

Ion Ratio Lower Upper

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 98  | 100   |       |       |
| 100 | 63.2  | 51.9  | 77.9  |

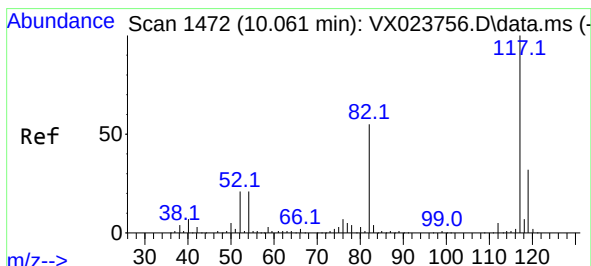
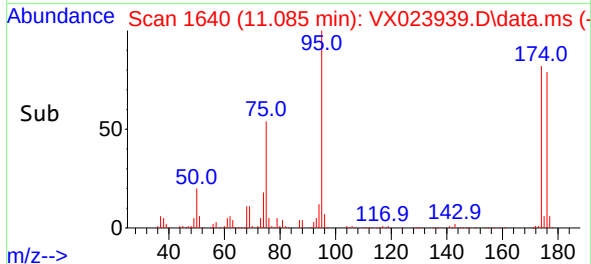
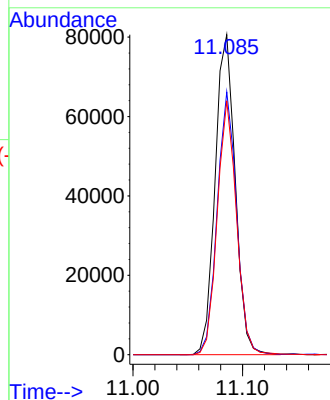
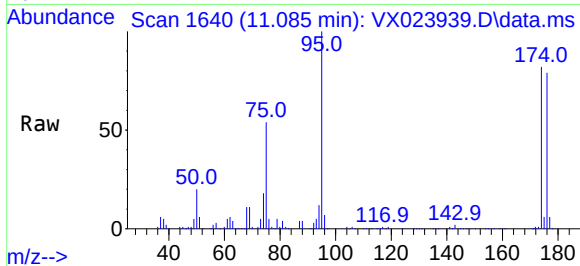




#62  
4-Bromofluorobenzene  
Concen: 45.830 ug/l  
RT: 11.085 min Scan# 1640  
Delta R.T. 0.000 min  
Lab File: VX023939.D  
Acq: 25 Aug 2021 15:31

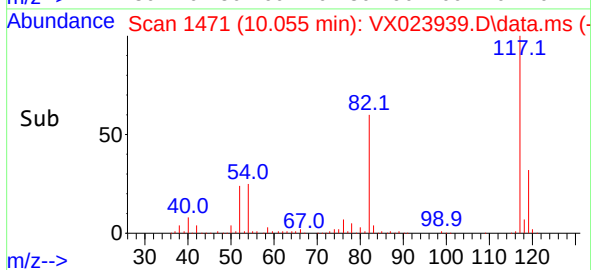
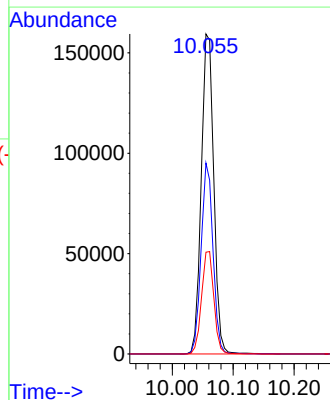
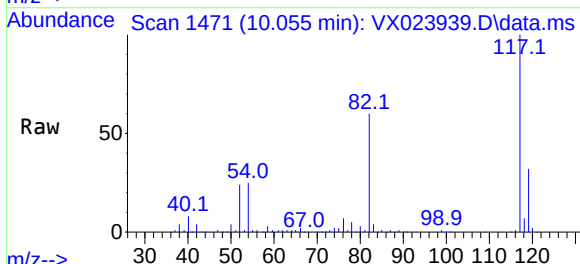
Instrument :  
MSVOA\_X  
ClientSampleId :  
WVLY-SW-16-GW-081921

Tgt Ion: 95 Resp: 102583  
Ion Ratio Lower Upper  
95 100  
174 79.4 0.0 154.6  
176 76.0 0.0 155.8

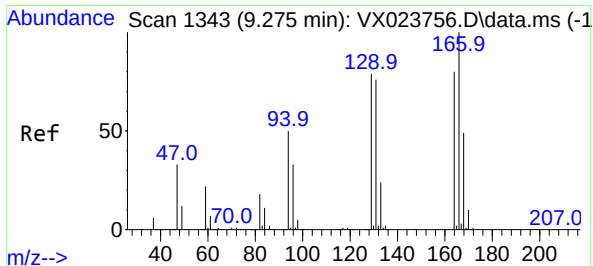


#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. -0.006 min  
Lab File: VX023939.D  
Acq: 25 Aug 2021 15:31

Tgt Ion: 117 Resp: 227320  
Ion Ratio Lower Upper  
117 100  
82 59.7 47.4 71.2  
119 31.8 26.6 39.8

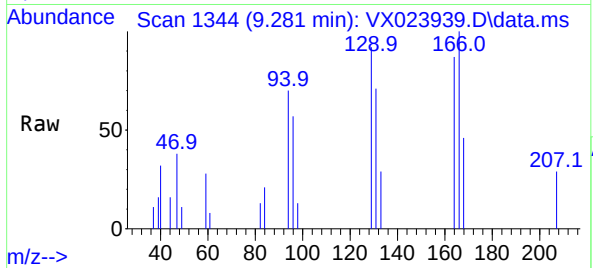






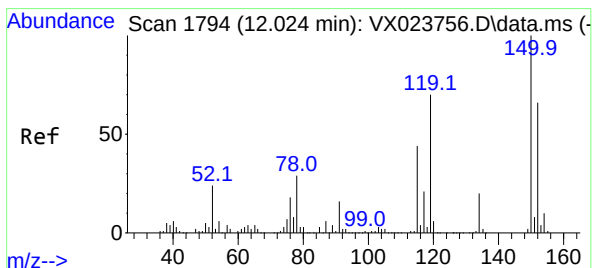
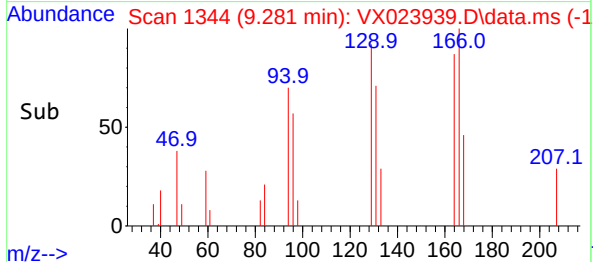
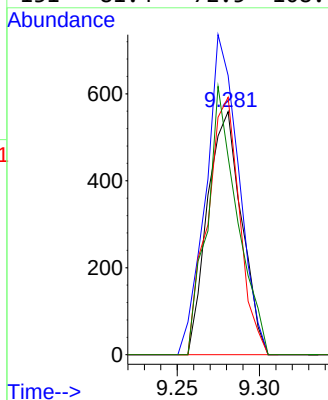
#64  
Tetrachloroethene  
Concen: 0.446 ug/l  
RT: 9.281 min Scan# 1344  
Delta R.T. 0.006 min  
Lab File: VX023939.D  
Acq: 25 Aug 2021 15:31

Instrument :  
MSVOA\_X  
ClientSampleId :  
WVLY-SW-16-GW-081921



Tgt Ion:164 Resp: 810

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 166 | 114.8 | 103.4 | 155.2 |
| 129 | 105.9 | 70.8  | 106.2 |
| 131 | 81.4  | 72.5  | 108.7 |



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.024 min Scan# 1794  
Delta R.T. 0.000 min  
Lab File: VX023939.D  
Acq: 25 Aug 2021 15:31

Tgt Ion:152 Resp: 97235

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 152 | 100   |       |       |
| 115 | 59.5  | 41.1  | 123.3 |
| 150 | 155.3 | 0.0   | 349.0 |

