

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX062521\  
 Data File : VX022922.D  
 Acq On : 25 Jun 2021 14:52  
 Operator : JC/MD  
 Sample : M2803-04DL 5X  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 TT180D2-20210618DL

Quant Time: Jun 26 03:53:45 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X062321W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Jun 23 19:12:26 2021  
 Response via : Initial Calibration

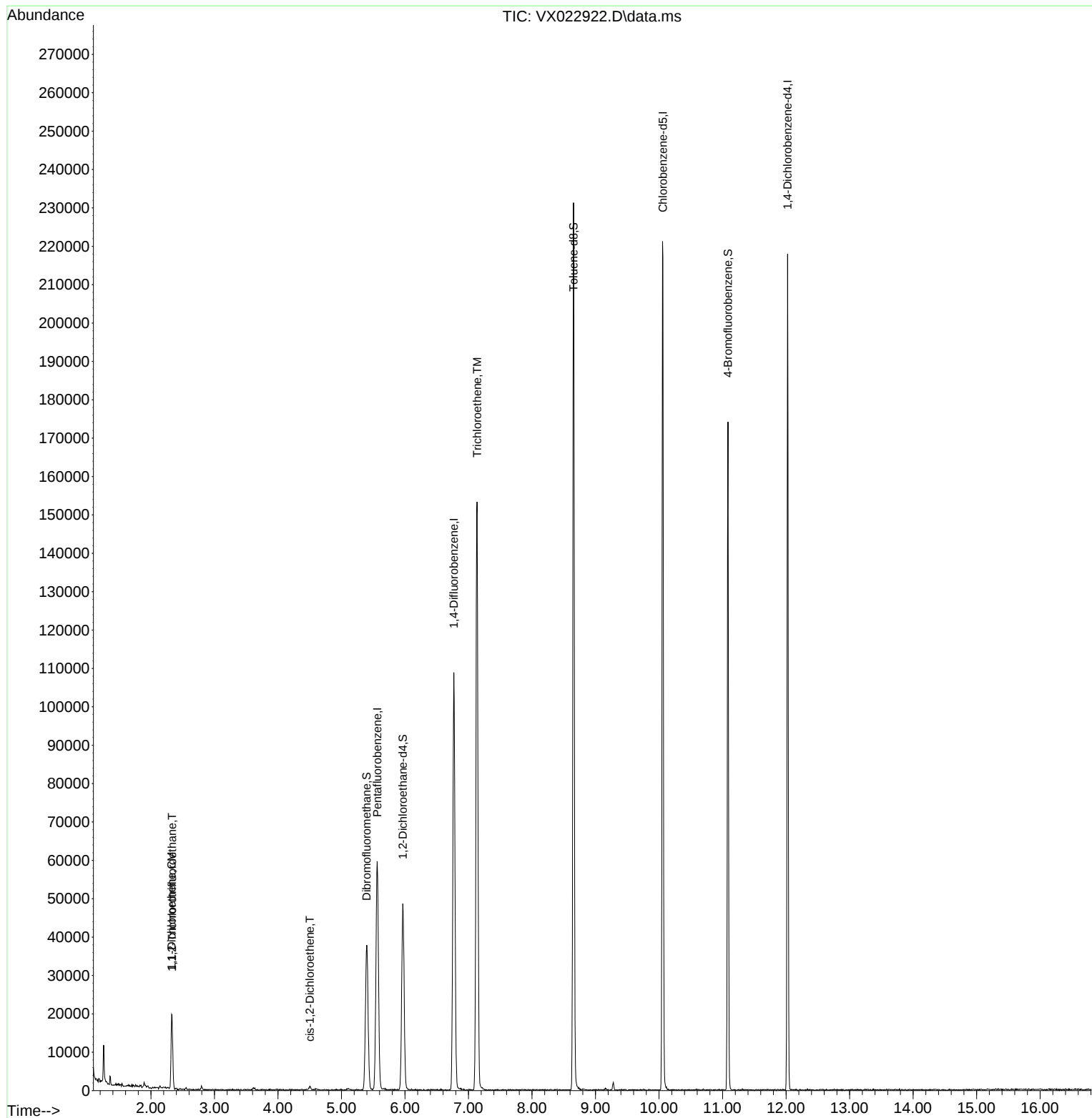
| Compound                     | R.T. QIon |       | Response | Conc     | Units | Dev(Min) |
|------------------------------|-----------|-------|----------|----------|-------|----------|
| -----                        |           |       |          |          |       |          |
| Internal Standards           |           |       |          |          |       |          |
| 1) Pentafluorobenzene        | 5.562     | 168   | 49147    | 50.000   | ug/l  | # 0.00   |
| 34) 1,4-Difluorobenzene      | 6.769     | 114   | 102828   | 50.000   | ug/l  | 0.00     |
| 63) Chlorobenzene-d5         | 10.061    | 117   | 95481    | 50.000   | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 12.024    | 152   | 37522    | 50.000   | ug/l  | 0.00     |
| System Monitoring Compounds  |           |       |          |          |       |          |
| 33) 1,2-Dichloroethane-d4    | 5.964     | 65    | 45556    | 51.077   | ug/l  | 0.00     |
| Spiked Amount                | 50.000    | Range | 78 - 117 | Recovery | =     | 102.160% |
| 35) Dibromofluoromethane     | 5.397     | 113   | 31630    | 48.439   | ug/l  | 0.00     |
| Spiked Amount                | 50.000    | Range | 75 - 124 | Recovery | =     | 96.880%  |
| 50) Toluene-d8               | 8.653     | 98    | 129805   | 50.722   | ug/l  | 0.00     |
| Spiked Amount                | 50.000    | Range | 92 - 112 | Recovery | =     | 101.440% |
| 62) 4-Bromofluorobenzene     | 11.085    | 95    | 45056    | 47.174   | ug/l  | 0.00     |
| Spiked Amount                | 50.000    | Range | 83 - 123 | Recovery | =     | 94.340%  |
| Target Compounds             |           |       |          |          |       |          |
|                              |           |       |          |          |       | Qvalue   |
| 9) 1,1,2-Trichlorotrifluo... | 2.331     | 101   | 4509     | 7.056    | ug/l  | 95       |
| 12) 1,1-Dichloroethene       | 2.325     | 96    | 2935     | 4.603    | ug/l  | 81       |
| 27) cis-1,2-Dichloroethene   | 4.501     | 96    | 528      | 0.673    | ug/l  | 92       |
| 44) Trichloroethene          | 7.135     | 130   | 53021    | 70.990   | ug/l  | 96       |
| -----                        |           |       |          |          |       |          |

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

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Sample : M2803-04DL 5X  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
TT180D2-20210618DL

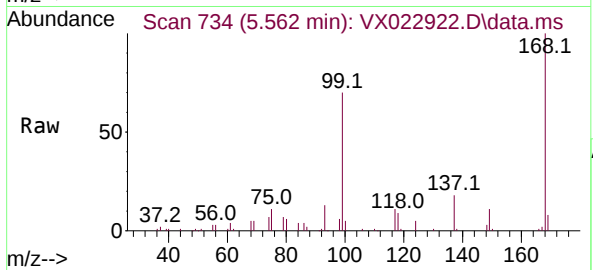
Quant Time: Jun 26 03:53:45 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X062321W.M  
Quant Title : SW846 8260  
QLast Update : Wed Jun 23 19:12:26 2021  
Response via : Initial Calibration



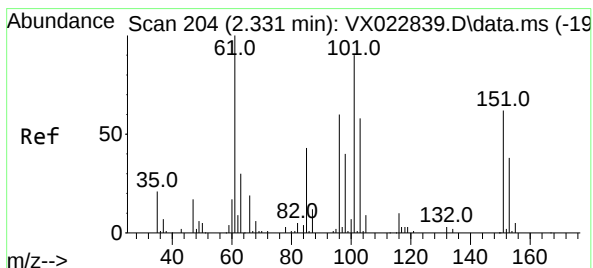
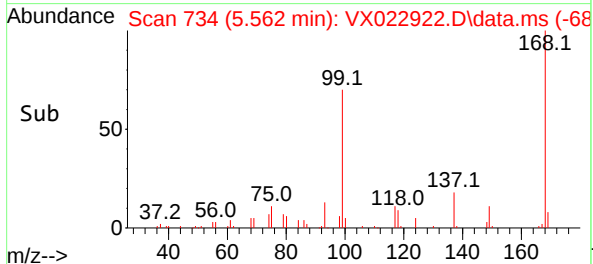
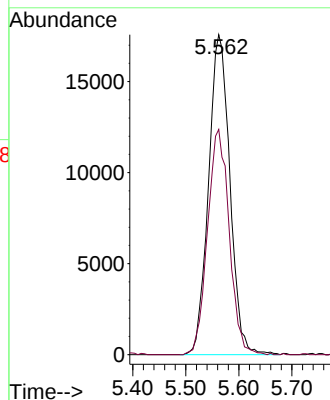


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.562 min Scan# 734  
Delta R.T. 0.006 min  
Lab File: VX022922.D  
Acq: 25 Jun 2021 14:52

Instrument :  
MSVOA\_X  
ClientSampleId :  
TT180D2-20210618DL

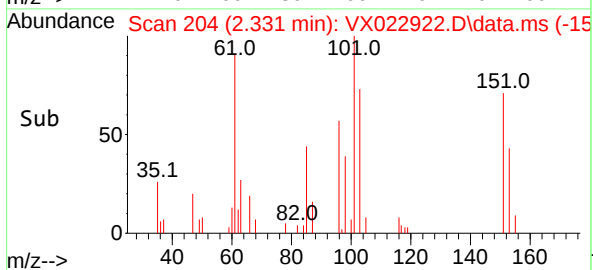
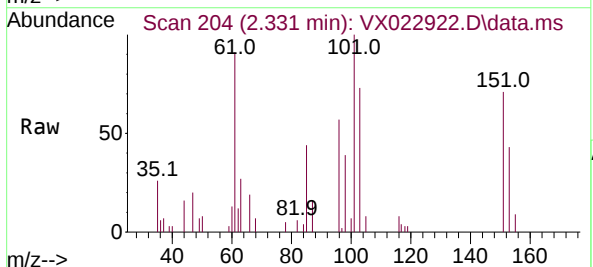
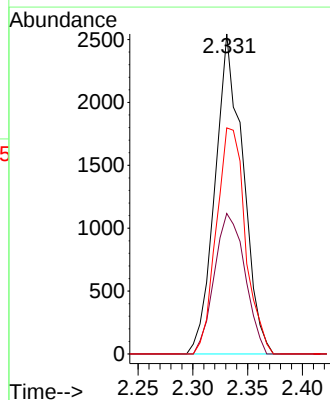


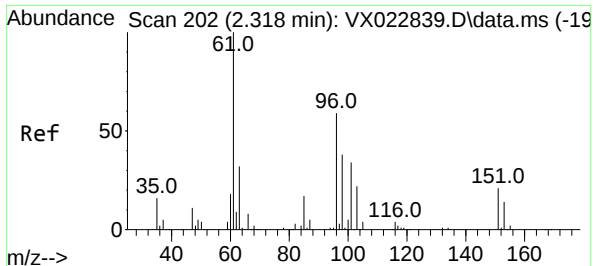
Tgt Ion:168 Resp: 49147  
Ion Ratio Lower Upper  
168 100  
99 70.4 45.8 68.6#



#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 7.056 ug/l  
RT: 2.331 min Scan# 204  
Delta R.T. -0.000 min  
Lab File: VX022922.D  
Acq: 25 Jun 2021 14:52

Tgt Ion:101 Resp: 4509  
Ion Ratio Lower Upper  
101 100  
85 48.0 34.9 52.3  
151 73.4 61.4 92.2





#12

1,1-Dichloroethene

Concen: 4.603 ug/l

RT: 2.325 min Scan# 203

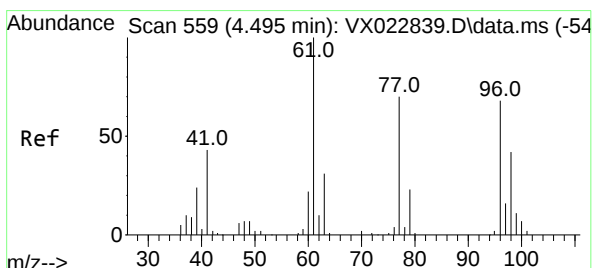
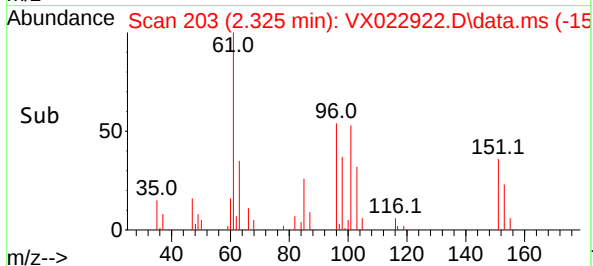
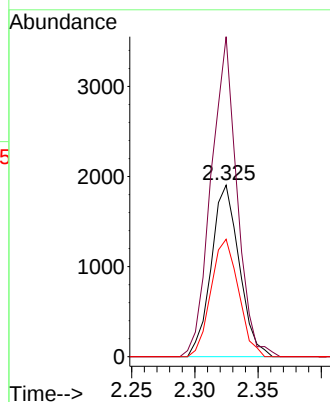
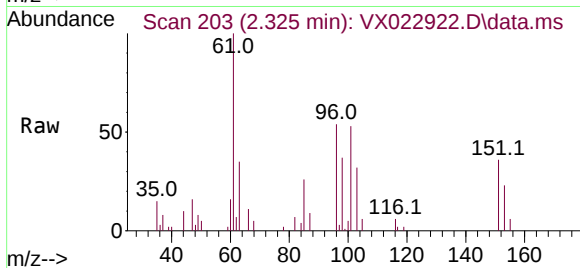
Delta R.T. 0.007 min

Lab File: VX022922.D

Acq: 25 Jun 2021 14:52

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 96    | Resp: | 2935  |
| Ion      | Ratio | Lower | Upper |
| 96       | 100   |       |       |
| 61       | 186.5 | 124.6 | 187.0 |
| 98       | 68.5  | 50.6  | 76.0  |

Instrument :  
MSVOA\_X  
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#27

cis-1,2-Dichloroethene

Concen: 0.673 ug/l

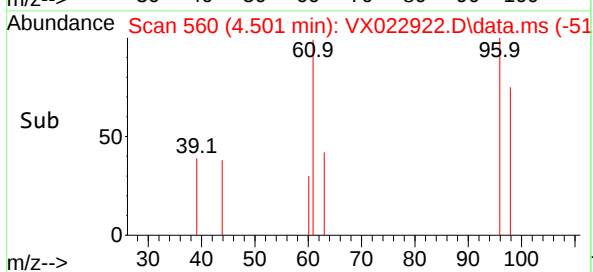
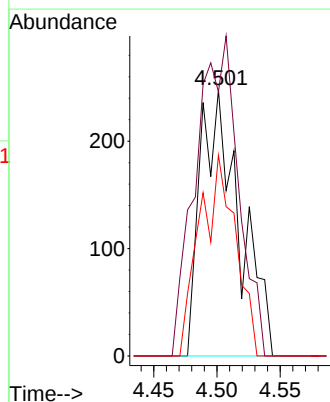
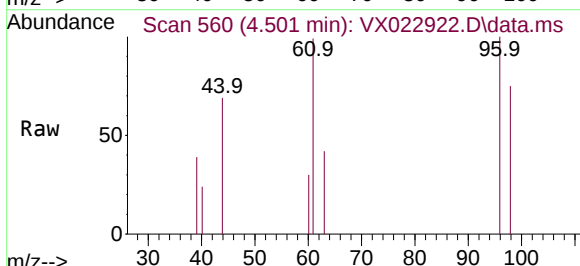
RT: 4.501 min Scan# 560

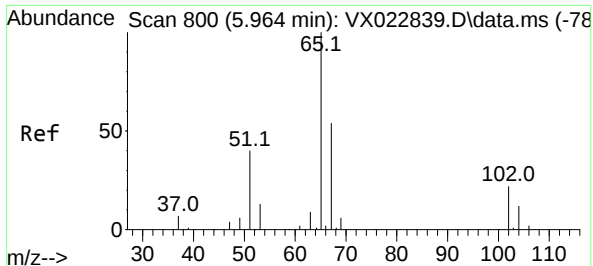
Delta R.T. 0.006 min

Lab File: VX022922.D

Acq: 25 Jun 2021 14:52

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 96    | Resp: | 528   |
| Ion      | Ratio | Lower | Upper |
| 96       | 100   |       |       |
| 61       | 131.6 | 0.0   | 285.6 |
| 98       | 69.7  | 0.0   | 129.6 |





#33

1,2-Dichloroethane-d4

Concen: 51.077 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.000 min

Lab File: VX022922.D

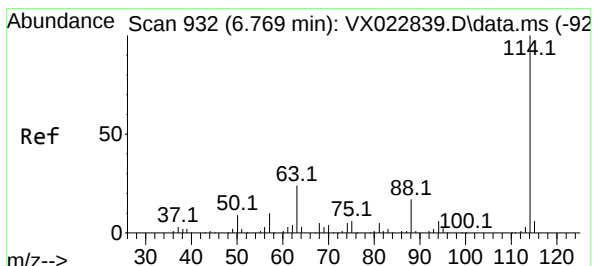
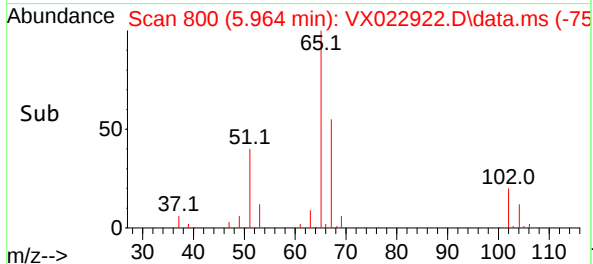
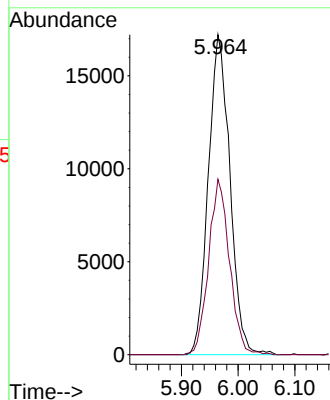
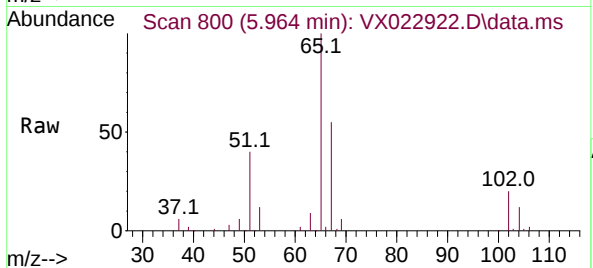
Acq: 25 Jun 2021 14:52

Tgt Ion: 65 Resp: 45556

Ion Ratio Lower Upper

65 100

67 53.1 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: VX022922.D

Acq: 25 Jun 2021 14:52

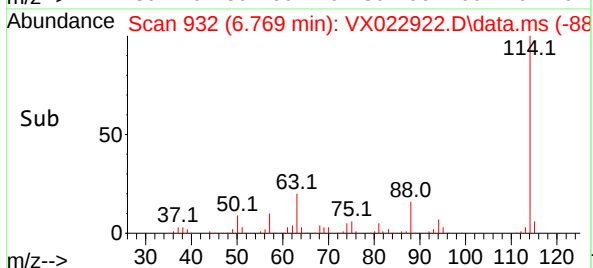
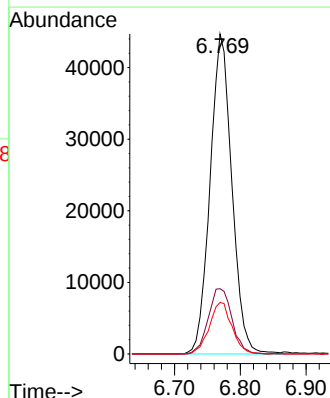
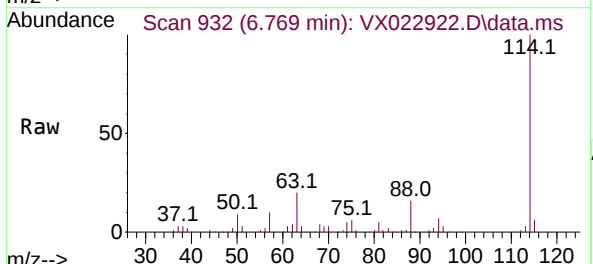
Tgt Ion: 114 Resp: 102828

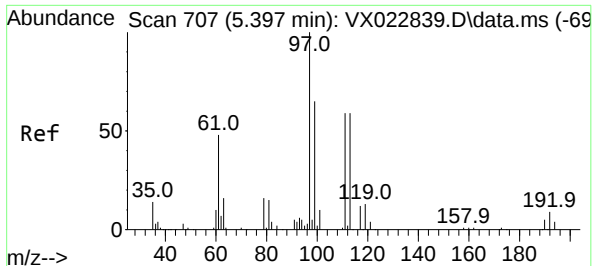
Ion Ratio Lower Upper

114 100

63 20.4 0.0 40.8

88 16.1 0.0 32.8





#35

Dibromofluoromethane

Concen: 48.439 ug/l

RT: 5.397 min Scan# 707

Delta R.T. 0.000 min

Lab File: VX022922.D

Acq: 25 Jun 2021 14:52

Tgt Ion:113 Resp: 31630

Ion Ratio Lower Upper

113 100

111 106.8 81.9 122.9

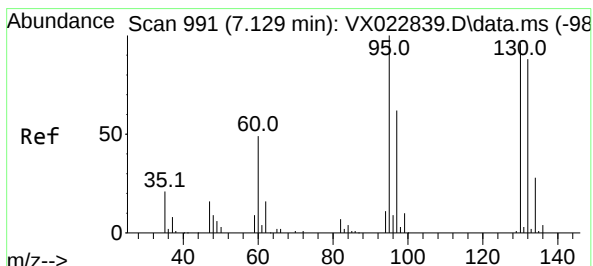
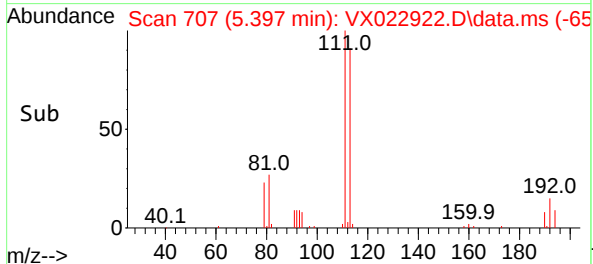
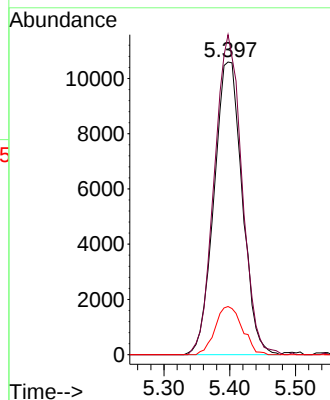
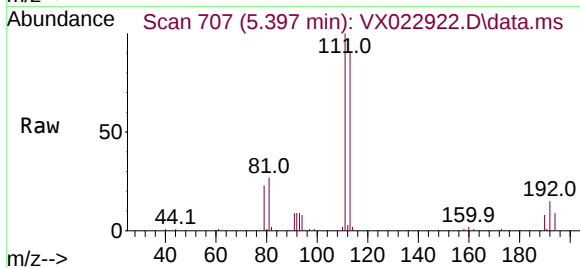
192 15.8 16.7 25.1#

Instrument :

MSVOA\_X

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#44

Trichloroethene

Concen: 70.990 ug/l

RT: 7.135 min Scan# 992

Delta R.T. 0.006 min

Lab File: VX022922.D

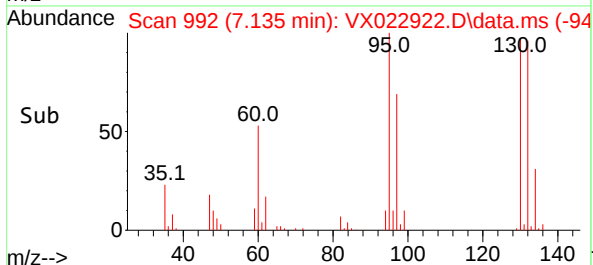
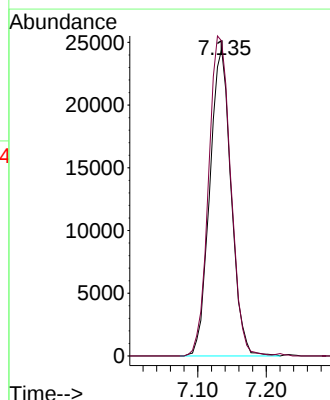
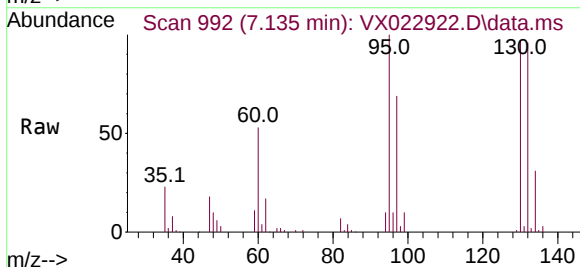
Acq: 25 Jun 2021 14:52

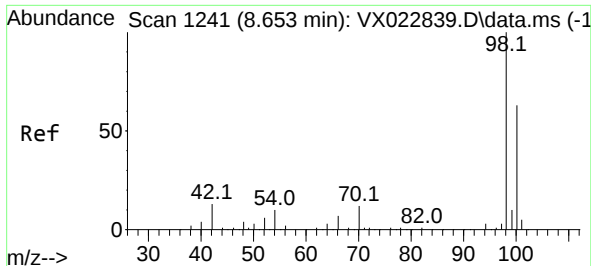
Tgt Ion:130 Resp: 53021

Ion Ratio Lower Upper

130 100

95 102.6 0.0 198.0

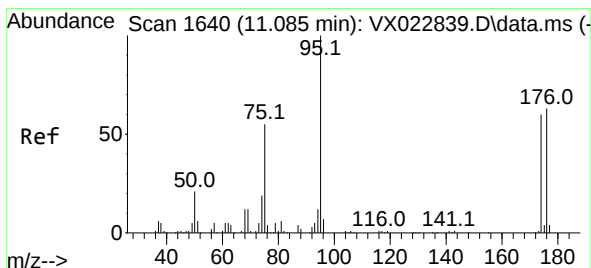
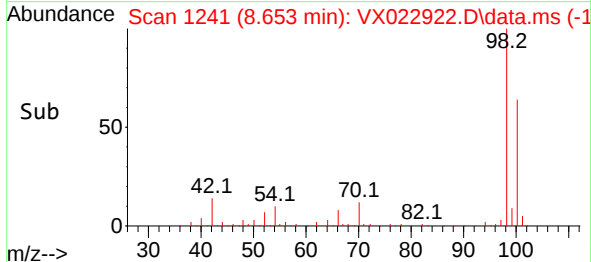
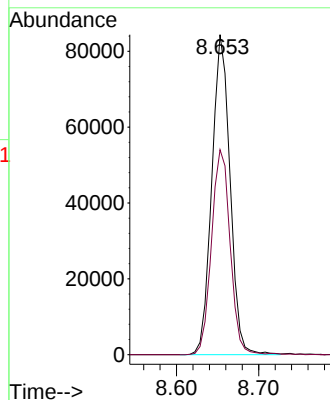
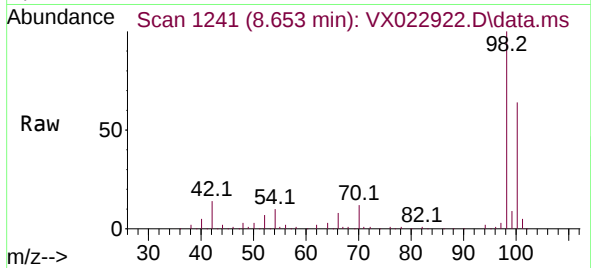




#50  
Toluene-d8  
Concen: 50.722 ug/l  
RT: 8.653 min Scan# 1241  
Delta R.T. -0.000 min  
Lab File: VX022922.D  
Acq: 25 Jun 2021 14:52

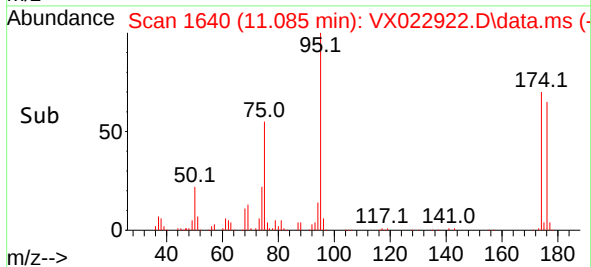
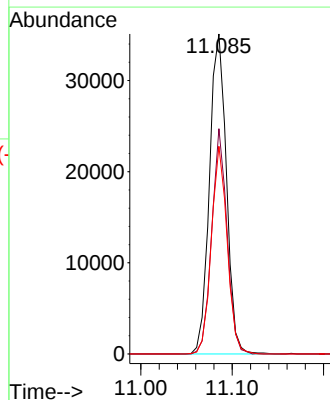
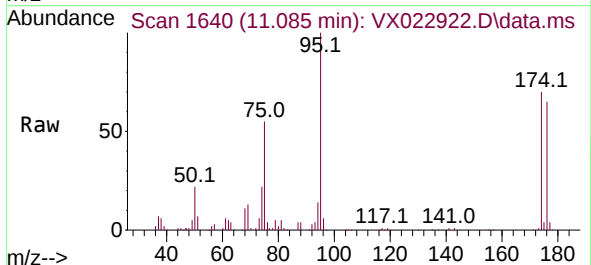
Instrument :  
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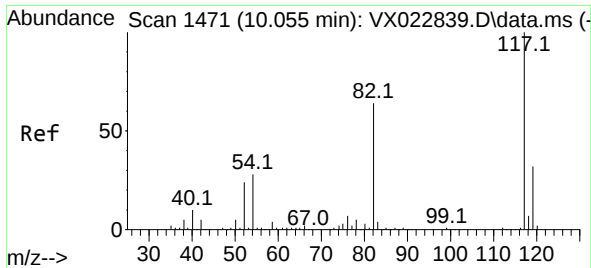
Tgt Ion: 98 Resp: 129805  
Ion Ratio Lower Upper  
98 100  
100 65.4 51.9 77.9



#62  
4-Bromofluorobenzene  
Concen: 47.174 ug/l  
RT: 11.085 min Scan# 1640  
Delta R.T. 0.000 min  
Lab File: VX022922.D  
Acq: 25 Jun 2021 14:52

Tgt Ion: 95 Resp: 45056  
Ion Ratio Lower Upper  
95 100  
174 63.6 0.0 154.6  
176 60.6 0.0 155.8

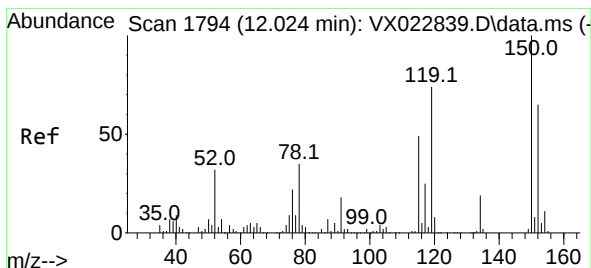
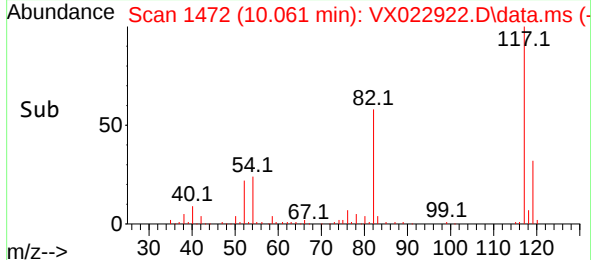
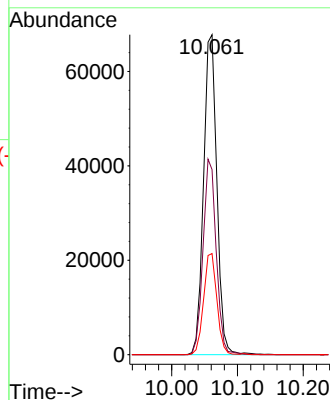
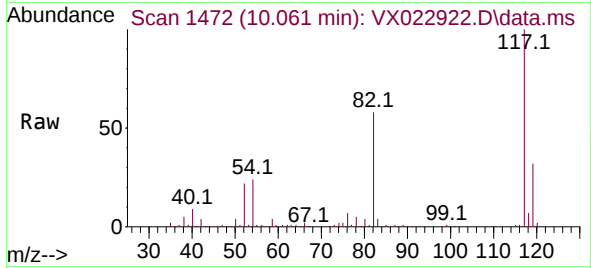




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.061 min Scan# 1472  
Delta R.T. 0.006 min  
Lab File: VX022922.D  
Acq: 25 Jun 2021 14:52

Instrument :  
MSVOA\_X  
ClientSampleId :  
TT180D2-20210618DL

Tgt Ion:117 Resp: 95481  
Ion Ratio Lower Upper  
117 100  
82 57.8 47.4 71.2  
119 31.6 26.6 39.8



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.024 min Scan# 1794  
Delta R.T. 0.000 min  
Lab File: VX022922.D  
Acq: 25 Jun 2021 14:52

Tgt Ion:152 Resp: 37522  
Ion Ratio Lower Upper  
152 100  
115 68.7 41.1 123.3  
150 157.6 0.0 349.0

