

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX120321\  
 Data File : VX025488.D  
 Acq On : 03 Dec 2021 17:29  
 Operator : JC/MD  
 Sample : M4924-01  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 GW38-RW3-MW1-20211202

Quant Time: Dec 04 06:52:16 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X111721W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Nov 17 15:36:16 2021  
 Response via : Initial Calibration

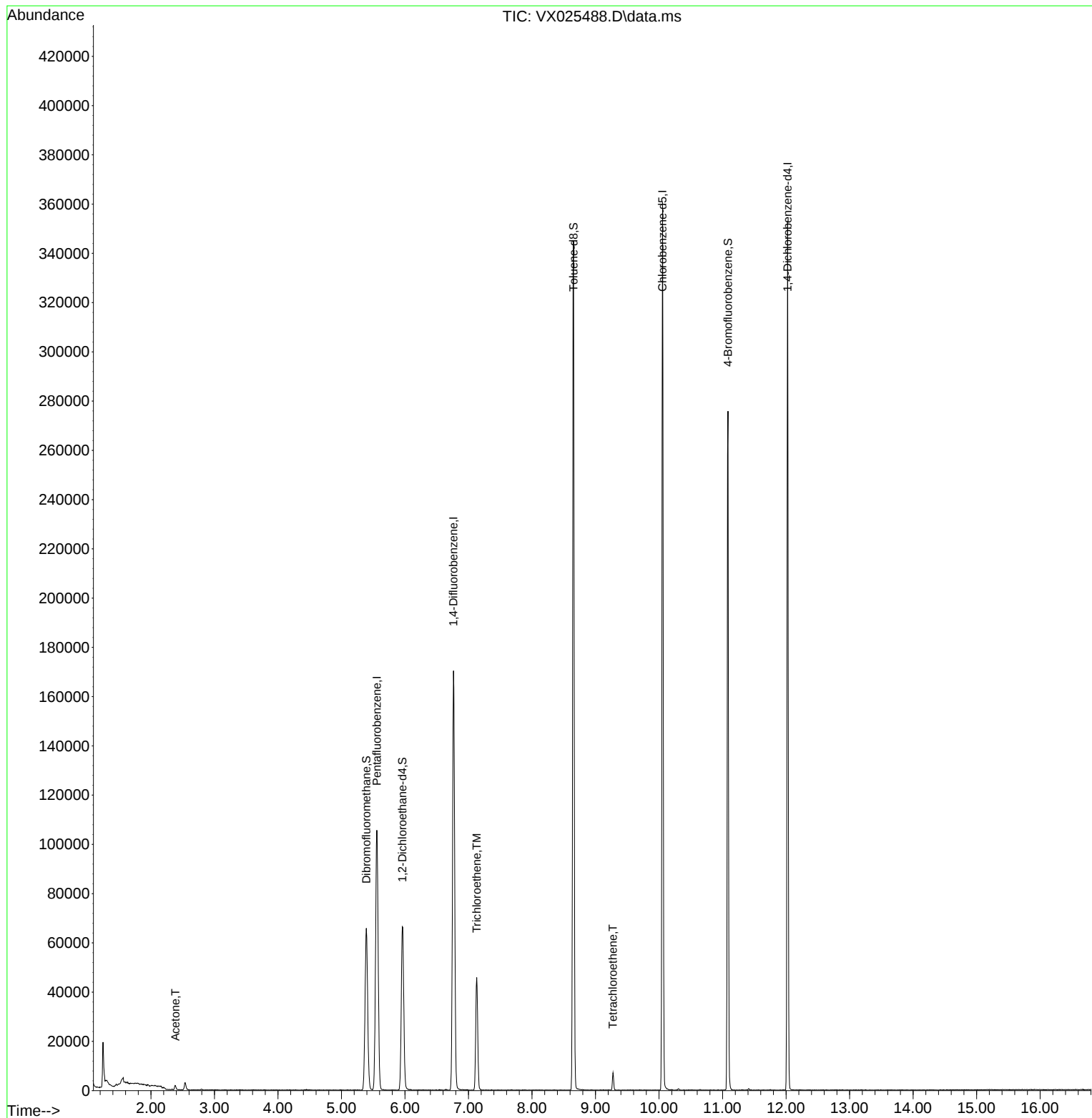
| Compound                    | R.T. QIon |       | Response | Conc     | Units | Dev(Min) |
|-----------------------------|-----------|-------|----------|----------|-------|----------|
| -----                       |           |       |          |          |       |          |
| Internal Standards          |           |       |          |          |       |          |
| 1) Pentafluorobenzene       | 5.556     | 168   | 107156   | 50.000   | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.763     | 114   | 182129   | 50.000   | ug/l  | 0.00     |
| 63) Chlorobenzene-d5        | 10.055    | 117   | 165444   | 50.000   | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.024    | 152   | 73077    | 50.000   | ug/l  | 0.00     |
| System Monitoring Compounds |           |       |          |          |       |          |
| 33) 1,2-Dichloroethane-d4   | 5.958     | 65    | 63577    | 56.288   | ug/l  | 0.00     |
| Spiked Amount               | 50.000    | Range | 78 - 117 | Recovery | =     | 112.580% |
| 35) Dibromofluoromethane    | 5.391     | 113   | 56163    | 50.259   | ug/l  | 0.00     |
| Spiked Amount               | 50.000    | Range | 75 - 124 | Recovery | =     | 100.520% |
| 50) Toluene-d8              | 8.653     | 98    | 211935   | 50.442   | ug/l  | 0.00     |
| Spiked Amount               | 50.000    | Range | 92 - 112 | Recovery | =     | 100.880% |
| 62) 4-Bromofluorobenzene    | 11.085    | 95    | 75136    | 47.270   | ug/l  | 0.00     |
| Spiked Amount               | 50.000    | Range | 83 - 123 | Recovery | =     | 94.540%  |
| Target Compounds            |           |       |          |          |       |          |
|                             |           |       |          |          |       | Qvalue   |
| 16) Acetone                 | 2.386     | 43    | 2001     | 3.188    | ug/l  | 91       |
| 44) Trichloroethene         | 7.129     | 130   | 18806    | 13.449   | ug/l  | 90       |
| 64) Tetrachloroethene       | 9.275     | 164   | 1356     | 0.994    | ug/l  | 93       |
| -----                       |           |       |          |          |       |          |

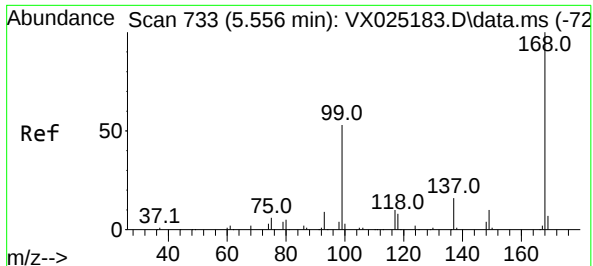
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA\_X  
ClientSampleId :  
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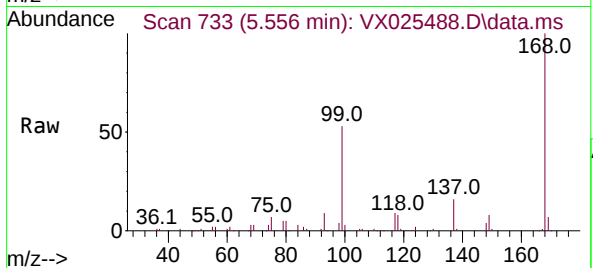
Quant Time: Dec 04 06:52:16 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X111721W.M  
Quant Title : SW846 8260  
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Response via : Initial Calibration



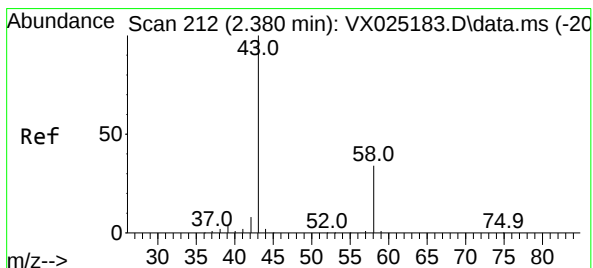
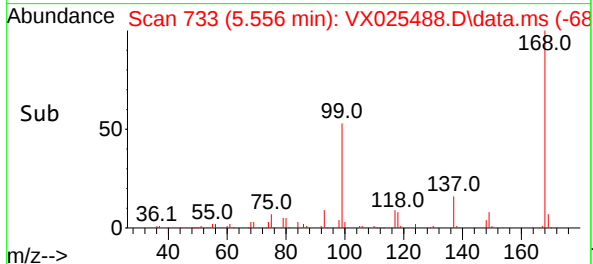
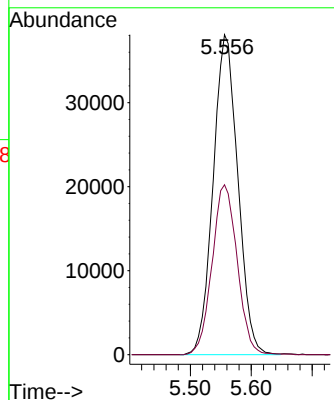


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.556 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: VX025488.D  
Acq: 03 Dec 2021 17:29

Instrument :  
MSVOA\_X  
ClientSampleId :  
GW38-RW3-MW1-20211202

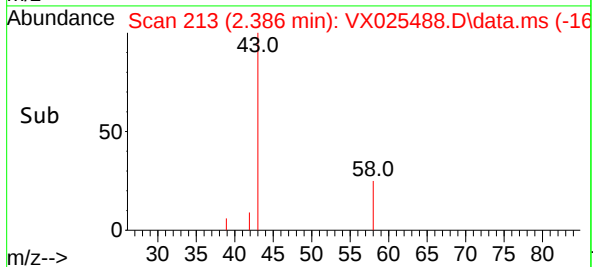
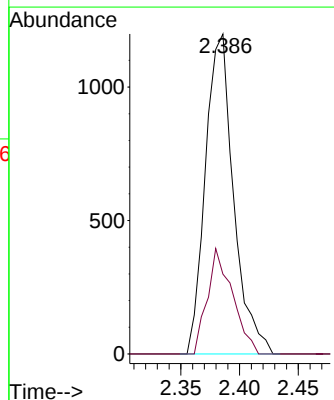
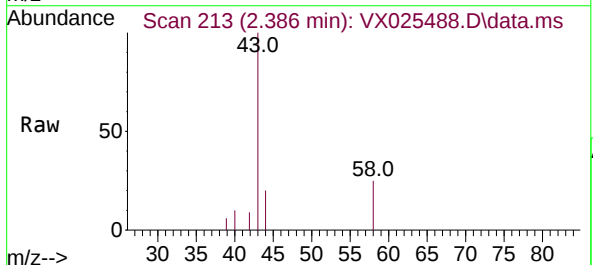


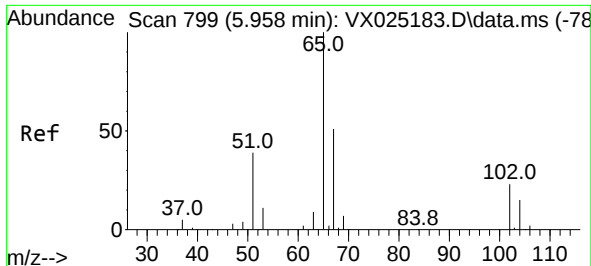
Tgt Ion:168 Resp: 107156  
Ion Ratio Lower Upper  
168 100  
99 53.1 46.4 69.6



#16  
Acetone  
Concen: 3.188 ug/l  
RT: 2.386 min Scan# 213  
Delta R.T. 0.006 min  
Lab File: VX025488.D  
Acq: 03 Dec 2021 17:29

Tgt Ion: 43 Resp: 2001  
Ion Ratio Lower Upper  
43 100  
58 24.9 24.0 36.0





#33

1,2-Dichloroethane-d4

Concen: 56.288 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX025488.D

Acq: 03 Dec 2021 17:29

Instrument :

MSVOA\_X

ClientSampleId :

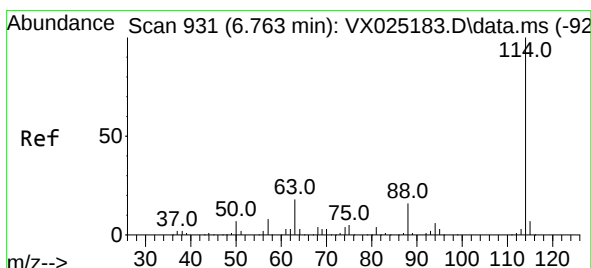
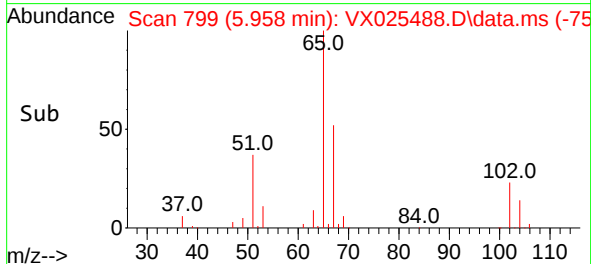
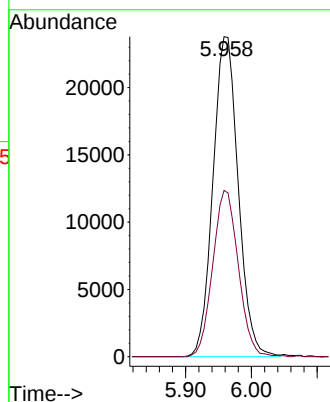
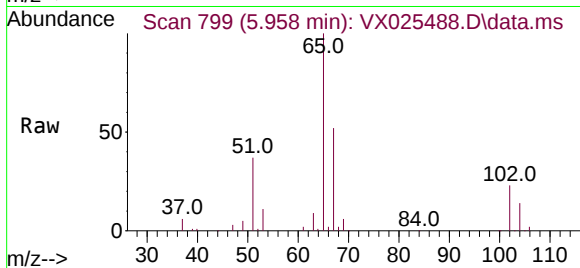
GW38-RW3-MW1-20211202

Tgt Ion: 65 Resp: 63577

Ion Ratio Lower Upper

65 100

67 52.6 0.0 101.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX025488.D

Acq: 03 Dec 2021 17:29

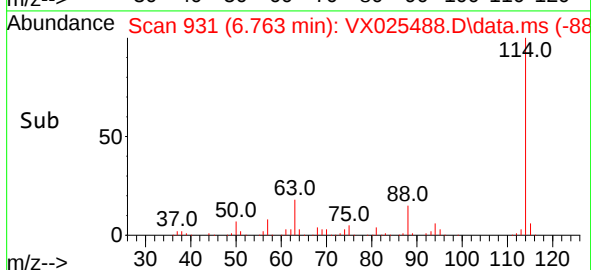
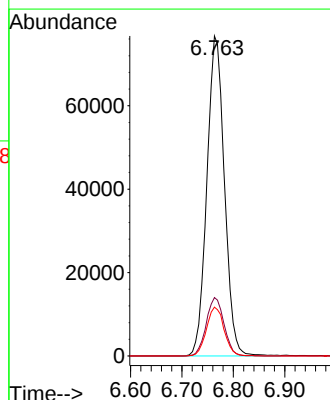
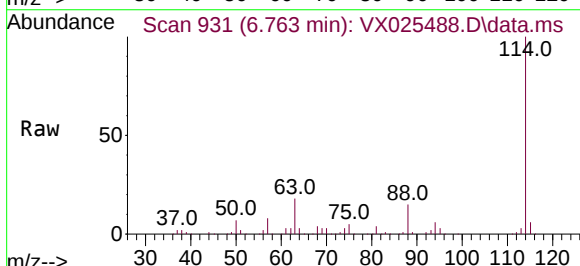
Tgt Ion: 114 Resp: 182129

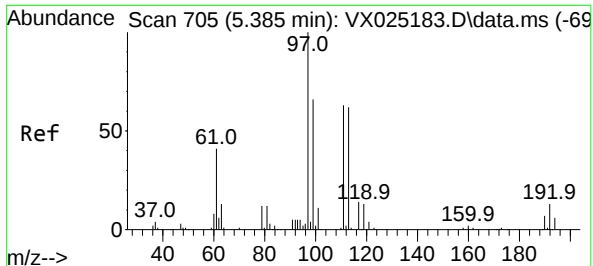
Ion Ratio Lower Upper

114 100

63 18.3 0.0 41.0

88 15.3 0.0 34.8





#35

Dibromofluoromethane

Concen: 50.259 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX025488.D

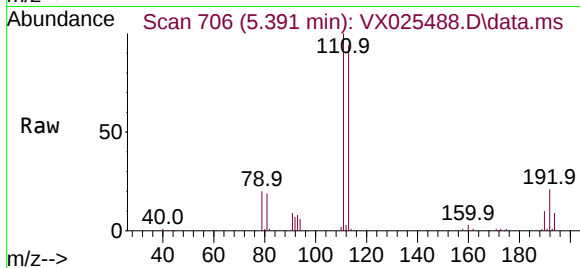
Acq: 03 Dec 2021 17:29

Instrument :

MSVOA\_X

ClientSampleId :

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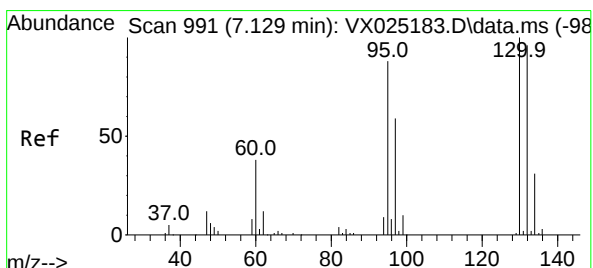
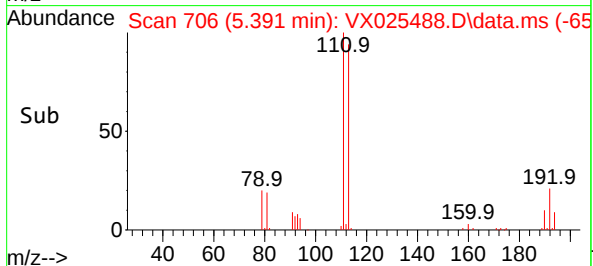
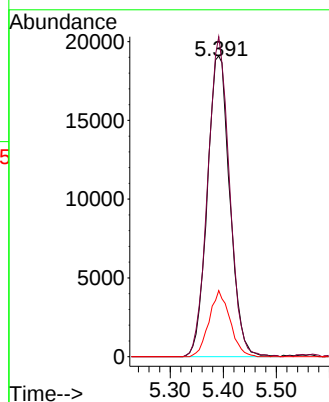
Tgt Ion:113 Resp: 56163

Ion Ratio Lower Upper

113 100

111 102.9 82.1 123.1

192 20.5 15.6 23.4



#44

Trichloroethene

Concen: 13.449 ug/l

RT: 7.129 min Scan# 991

Delta R.T. -0.000 min

Lab File: VX025488.D

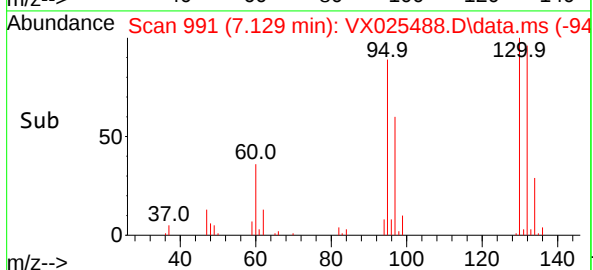
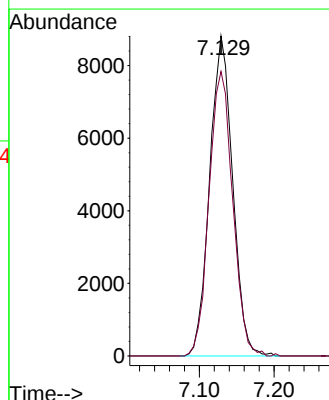
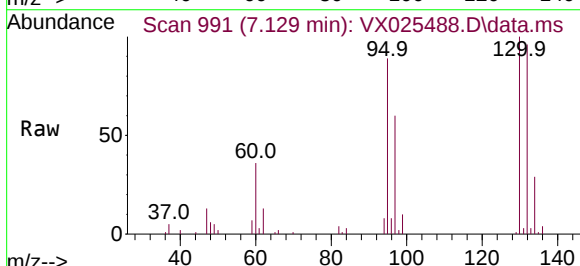
Acq: 03 Dec 2021 17:29

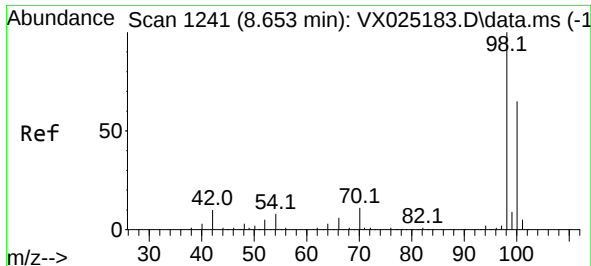
Tgt Ion:130 Resp: 18806

Ion Ratio Lower Upper

130 100

95 88.9 0.0 196.8

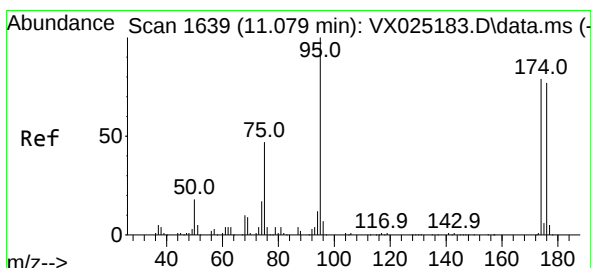
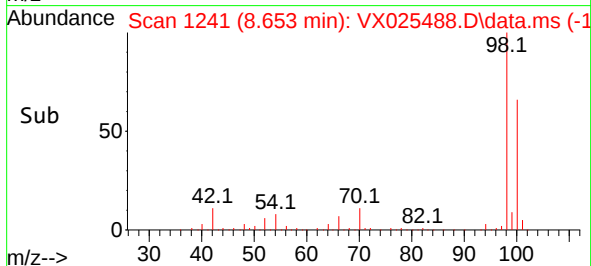
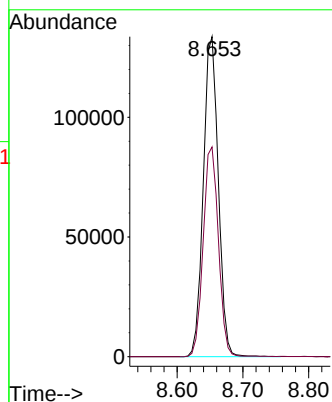
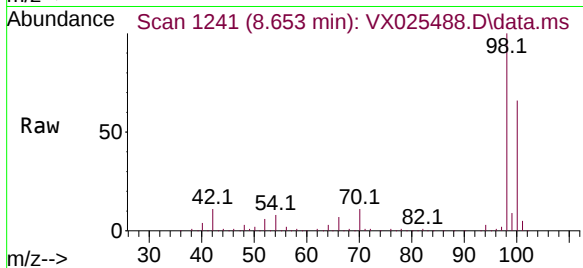




#50  
Toluene-d8  
Concen: 50.442 ug/l  
RT: 8.653 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX025488.D  
Acq: 03 Dec 2021 17:29

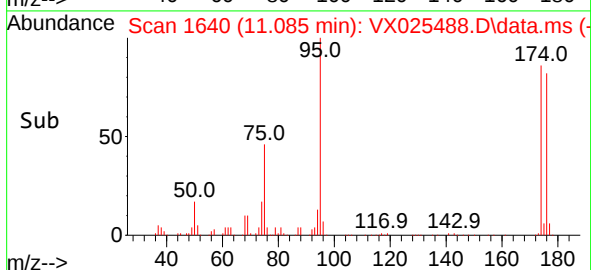
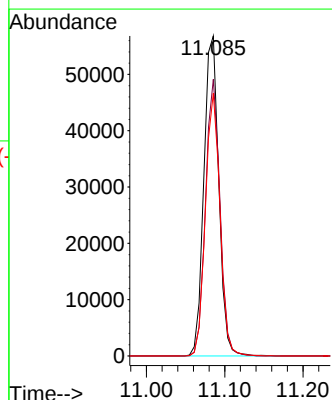
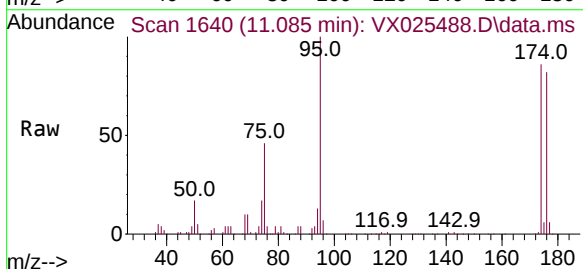
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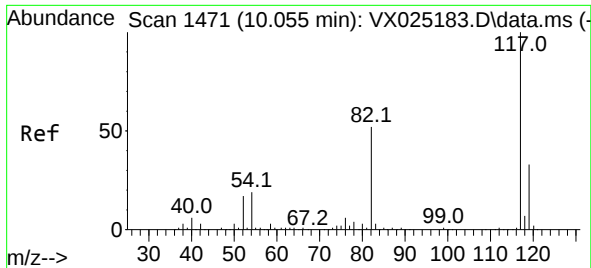
Tgt Ion: 98 Resp: 211935  
Ion Ratio Lower Upper  
98 100  
100 66.5 51.4 77.0



#62  
4-Bromofluorobenzene  
Concen: 47.270 ug/l  
RT: 11.085 min Scan# 1640  
Delta R.T. 0.006 min  
Lab File: VX025488.D  
Acq: 03 Dec 2021 17:29

Tgt Ion: 95 Resp: 75136  
Ion Ratio Lower Upper  
95 100  
174 83.6 0.0 158.0  
176 80.2 0.0 153.6

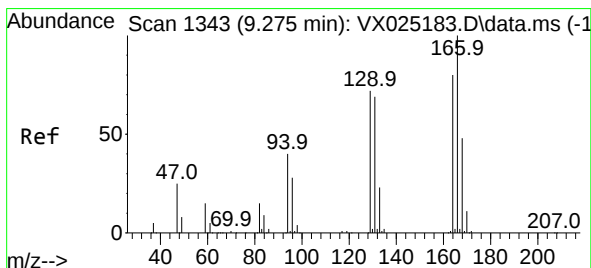
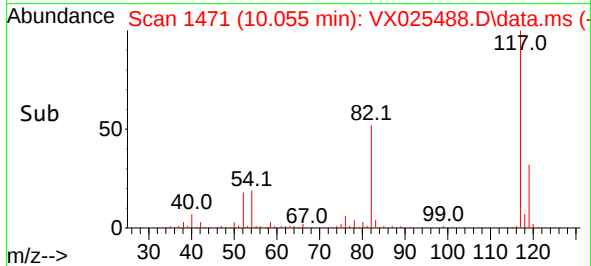
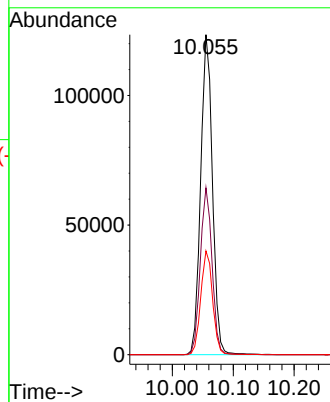
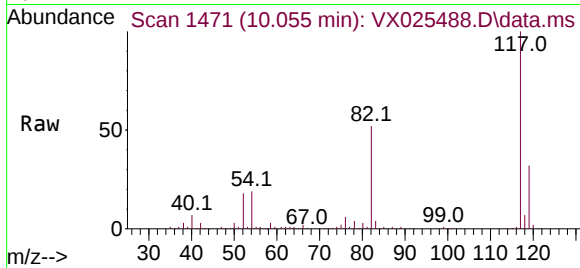




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VX025488.D  
Acq: 03 Dec 2021 17:29

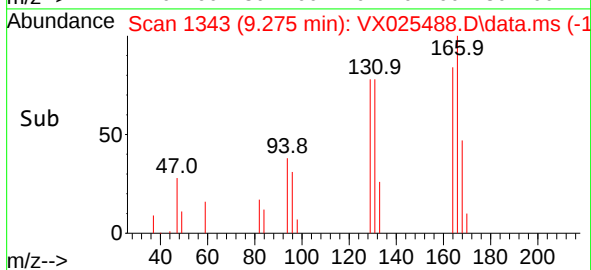
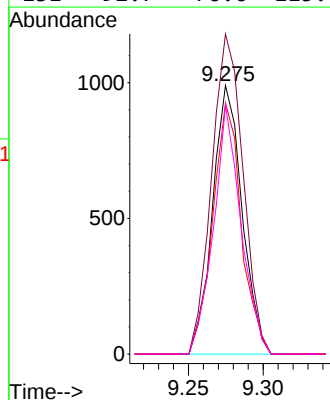
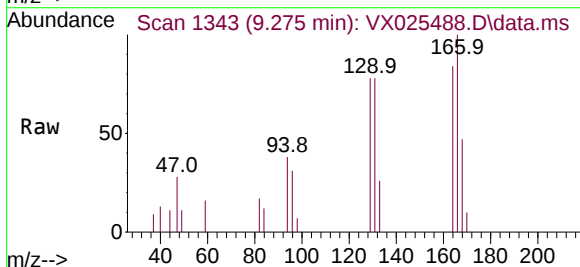
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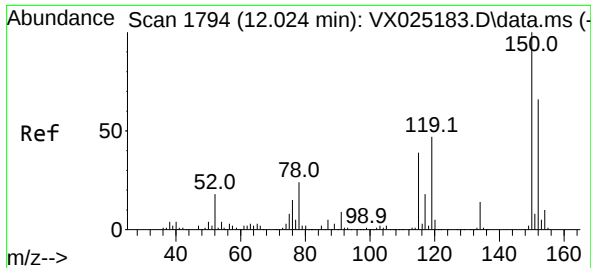
Tgt Ion:117 Resp: 165444  
Ion Ratio Lower Upper  
117 100  
82 52.2 44.6 67.0  
119 32.4 24.8 37.2



#64  
Tetrachloroethene  
Concen: 0.994 ug/l  
RT: 9.275 min Scan# 1343  
Delta R.T. -0.000 min  
Lab File: VX025488.D  
Acq: 03 Dec 2021 17:29

Tgt Ion:164 Resp: 1356  
Ion Ratio Lower Upper  
164 100  
166 119.2 103.2 154.8  
129 93.4 81.0 121.4  
131 92.7 76.6 115.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX025488.D

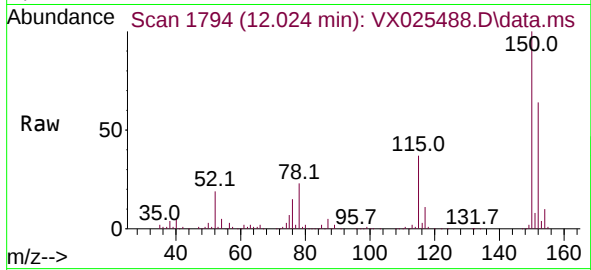
Acq: 03 Dec 2021 17:29

Instrument :

MSVOA\_X

ClientSampleId :

GW38-RW3-MW1-20211202



Tgt Ion:152 Resp: 73077

Ion Ratio Lower Upper

152 100

115 58.1 43.3 129.8

150 159.0 0.0 351.2

