

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX120321\  
 Data File : VX025489.D  
 Acq On : 03 Dec 2021 17:53  
 Operator : JC/MD  
 Sample : M4924-02  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 RE108D1-20211202

Quant Time: Dec 04 06:52:34 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

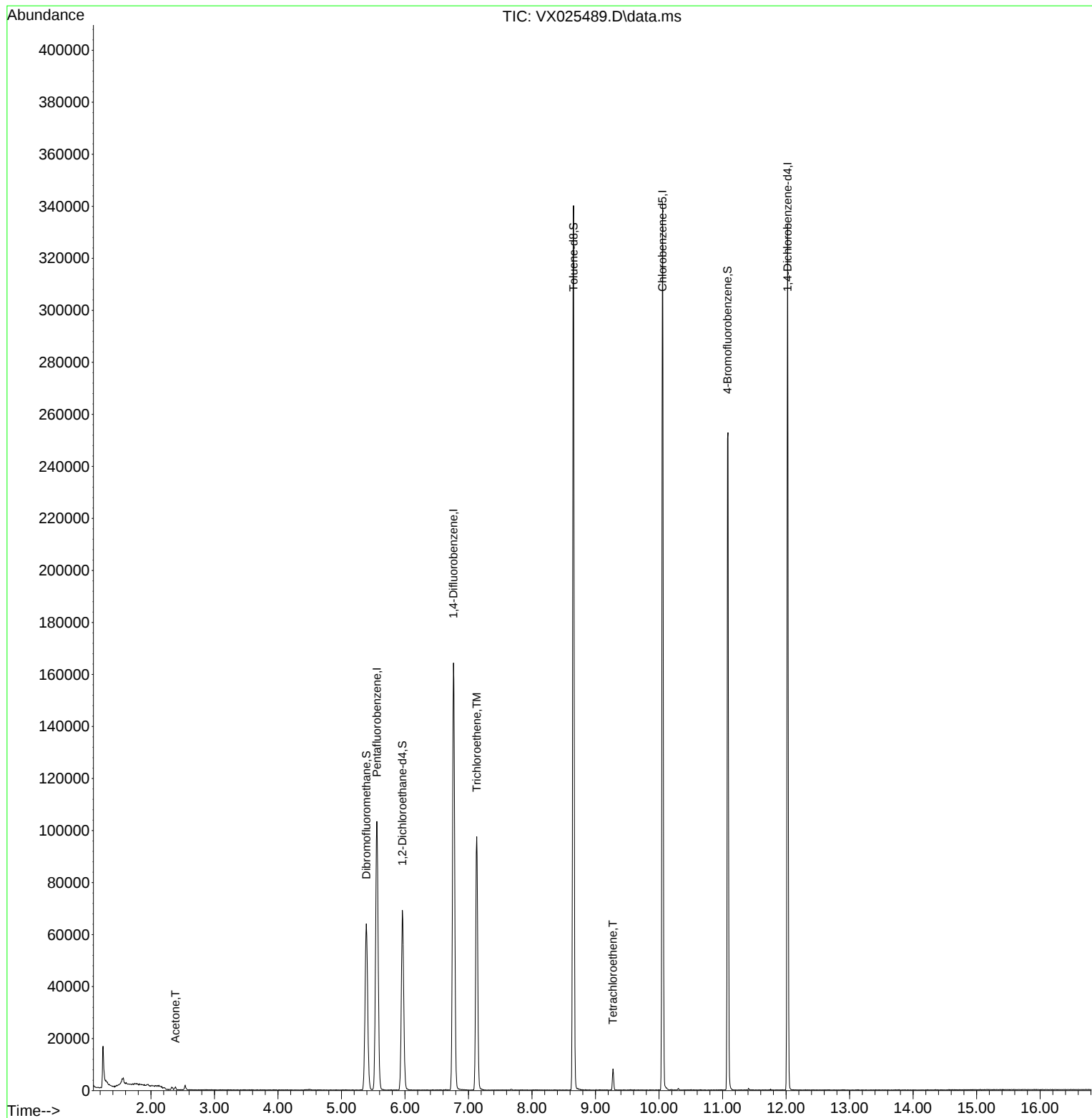
| Compound                    | R.T. QIon |       | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|-----------|-------|----------|----------|--------|----------|
| -----                       |           |       |          |          |        |          |
| Internal Standards          |           |       |          |          |        |          |
| 1) Pentafluorobenzene       | 5.556     | 168   | 103305   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.763     | 114   | 176437   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 10.055    | 117   | 158924   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.024    | 152   | 69823    | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds |           |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 5.958     | 65    | 62864    | 57.731   | ug/l   | 0.00     |
| Spiked Amount               | 50.000    | Range | 78 - 117 | Recovery | =      | 115.460% |
| 35) Dibromofluoromethane    | 5.391     | 113   | 54685    | 50.515   | ug/l   | 0.00     |
| Spiked Amount               | 50.000    | Range | 75 - 124 | Recovery | =      | 101.020% |
| 50) Toluene-d8              | 8.653     | 98    | 204089   | 50.141   | ug/l   | 0.00     |
| Spiked Amount               | 50.000    | Range | 92 - 112 | Recovery | =      | 100.280% |
| 62) 4-Bromofluorobenzene    | 11.079    | 95    | 70535    | 45.807   | ug/l   | 0.00     |
| Spiked Amount               | 50.000    | Range | 83 - 123 | Recovery | =      | 91.620%  |
| Target Compounds            |           |       |          |          |        |          |
|                             |           |       |          |          |        | Qvalue   |
| 16) Acetone                 | 2.386     | 43    | 1102     | 1.821    | ug/l # | 84       |
| 44) Trichloroethene         | 7.129     | 130   | 40177    | 29.659   | ug/l   | 92       |
| 64) Tetrachloroethene       | 9.275     | 164   | 1519     | 1.159    | ug/l   | 92       |
| -----                       |           |       |          |          |        |          |

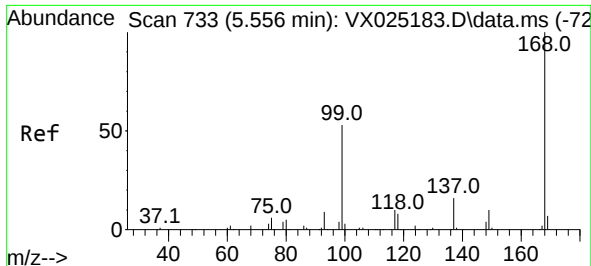
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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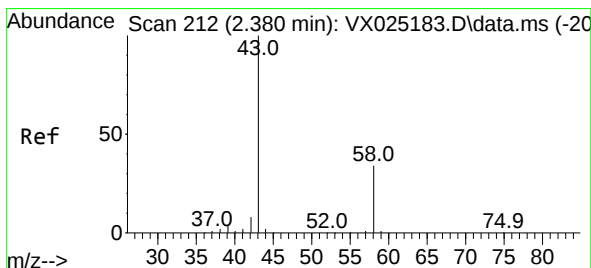
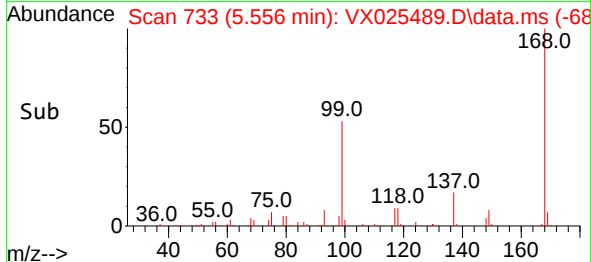
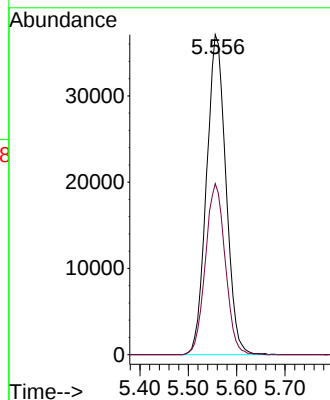
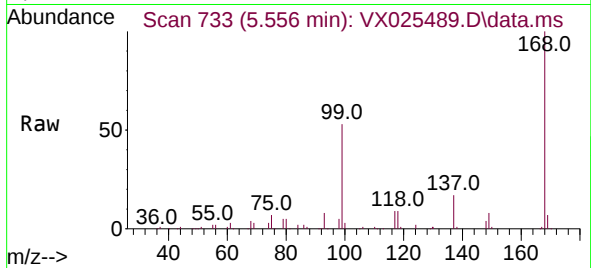




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.556 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: VX025489.D  
Acq: 03 Dec 2021 17:53

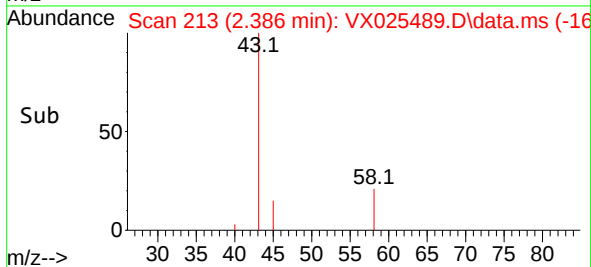
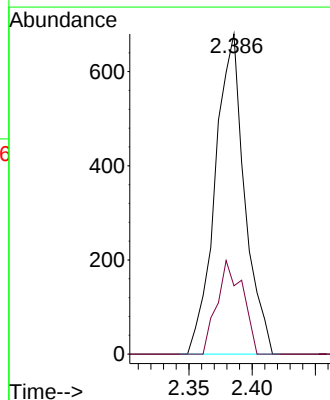
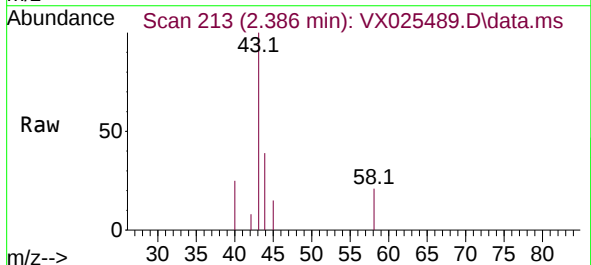
Instrument :  
MSVOA\_X  
ClientSampleId :  
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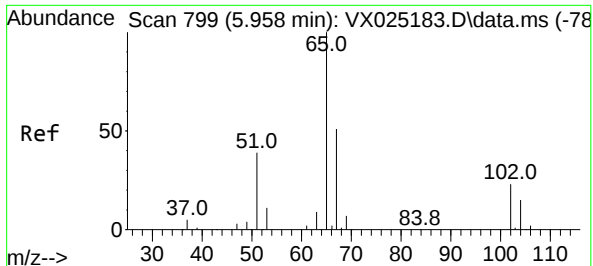
Tgt Ion:168 Resp: 103305  
Ion Ratio Lower Upper  
168 100  
99 53.5 46.4 69.6



#16  
Acetone  
Concen: 1.821 ug/l  
RT: 2.386 min Scan# 213  
Delta R.T. 0.006 min  
Lab File: VX025489.D  
Acq: 03 Dec 2021 17:53

Tgt Ion: 43 Resp: 1102  
Ion Ratio Lower Upper  
43 100  
58 21.3 24.0 36.0#

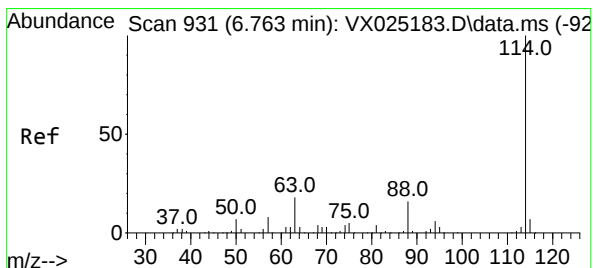
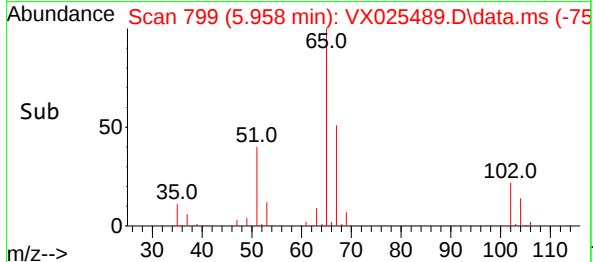
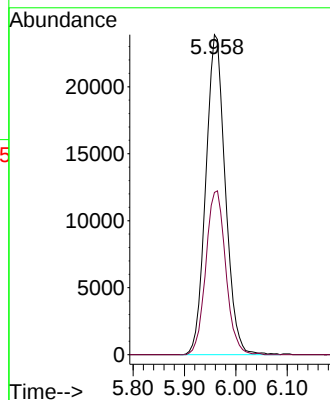
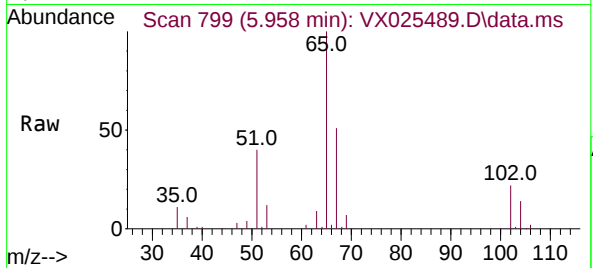




#33  
 1,2-Dichloroethane-d4  
 Concen: 57.731 ug/l  
 RT: 5.958 min Scan# 799  
 Delta R.T. 0.000 min  
 Lab File: VX025489.D  
 Acq: 03 Dec 2021 17:53

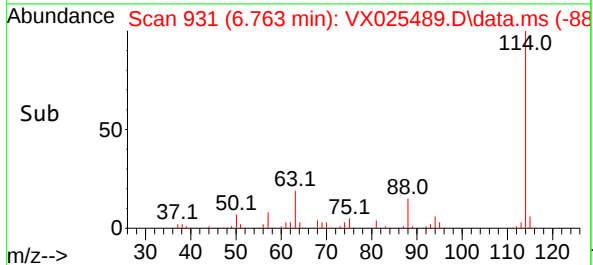
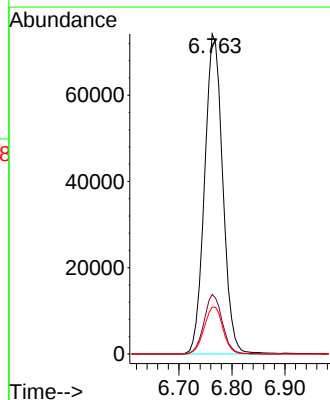
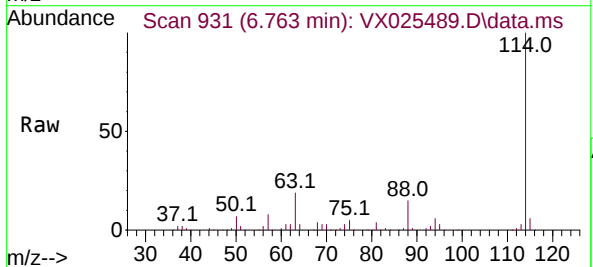
Instrument :  
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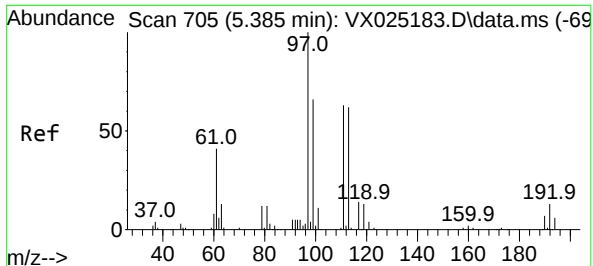
Tgt Ion: 65 Resp: 62864  
 Ion Ratio Lower Upper  
 65 100  
 67 52.2 0.0 101.0



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 6.763 min Scan# 931  
 Delta R.T. -0.000 min  
 Lab File: VX025489.D  
 Acq: 03 Dec 2021 17:53

Tgt Ion: 114 Resp: 176437  
 Ion Ratio Lower Upper  
 114 100  
 63 18.6 0.0 41.0  
 88 14.6 0.0 34.8





#35

Dibromofluoromethane

Concen: 50.515 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX025489.D

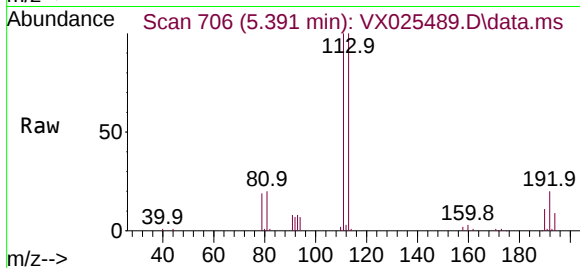
Acq: 03 Dec 2021 17:53

Instrument :

MSVOA\_X

ClientSampleId :

RE108D1-20211202



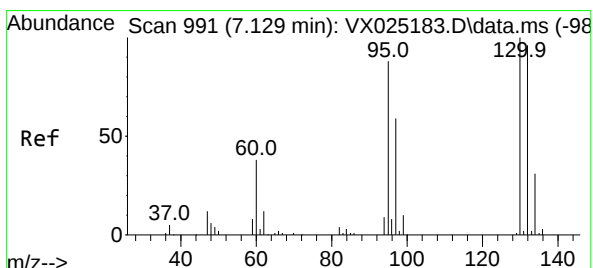
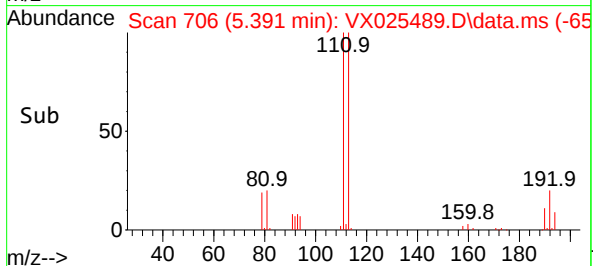
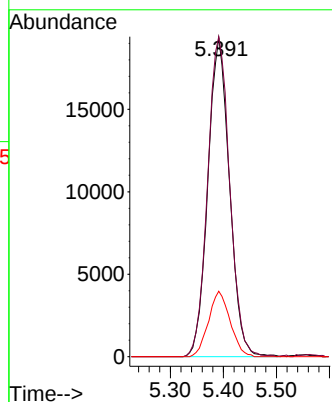
Tgt Ion:113 Resp: 54685

Ion Ratio Lower Upper

113 100

111 102.8 82.1 123.1

192 20.5 15.6 23.4



#44

Trichloroethene

Concen: 29.659 ug/l

RT: 7.129 min Scan# 991

Delta R.T. -0.000 min

Lab File: VX025489.D

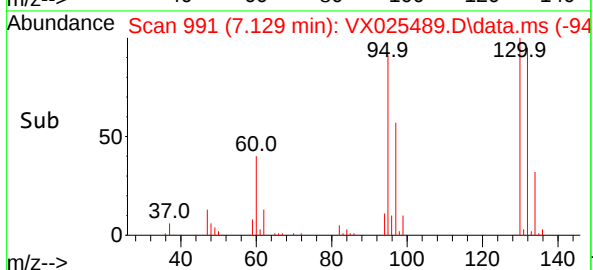
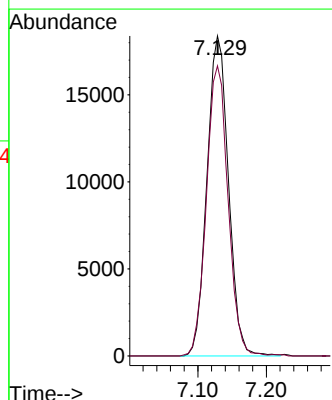
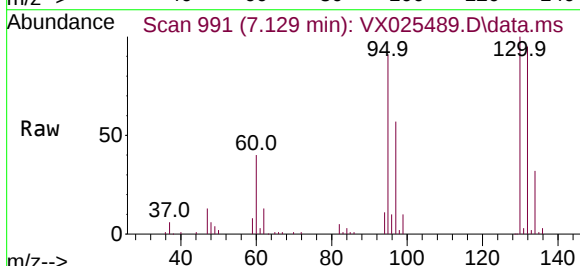
Acq: 03 Dec 2021 17:53

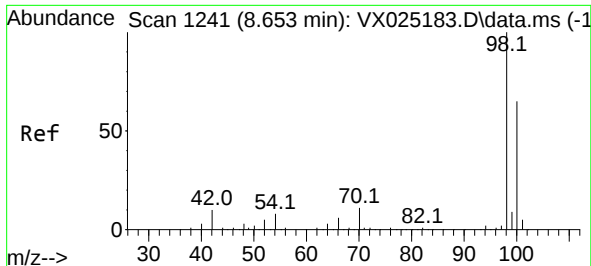
Tgt Ion:130 Resp: 40177

Ion Ratio Lower Upper

130 100

95 90.6 0.0 196.8

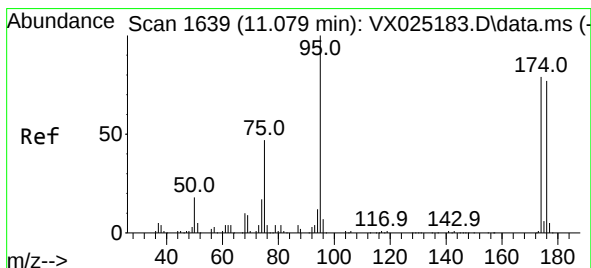
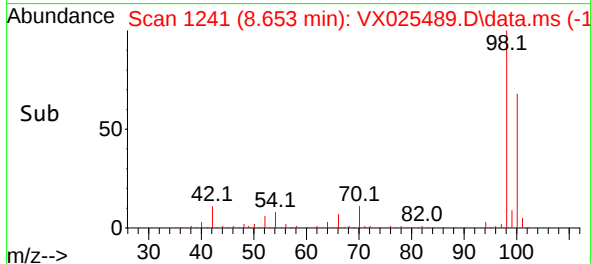
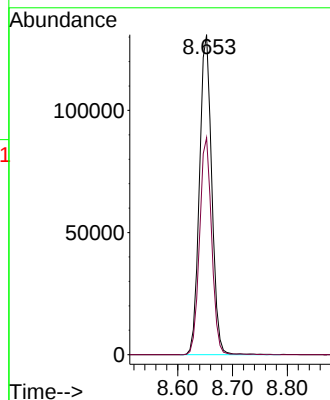
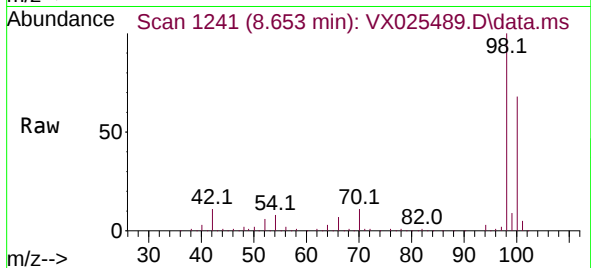




#50  
Toluene-d8  
Concen: 50.141 ug/l  
RT: 8.653 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX025489.D  
Acq: 03 Dec 2021 17:53

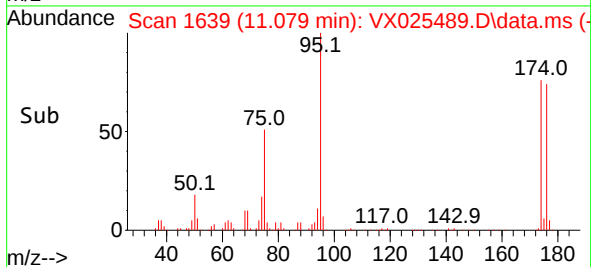
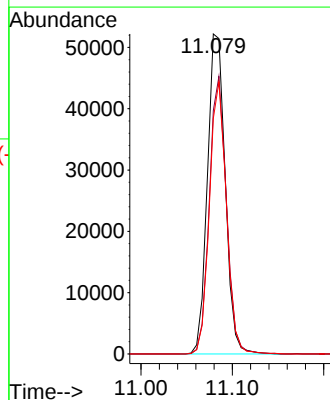
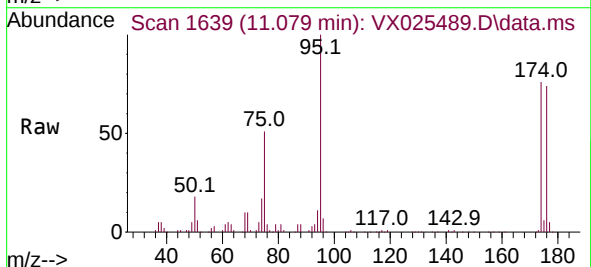
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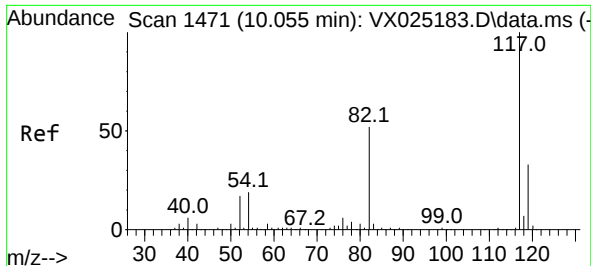
Tgt Ion: 98 Resp: 204089  
Ion Ratio Lower Upper  
98 100  
100 66.6 51.4 77.0



#62  
4-Bromofluorobenzene  
Concen: 45.807 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.000 min  
Lab File: VX025489.D  
Acq: 03 Dec 2021 17:53

Tgt Ion: 95 Resp: 70535  
Ion Ratio Lower Upper  
95 100  
174 83.2 0.0 158.0  
176 81.0 0.0 153.6

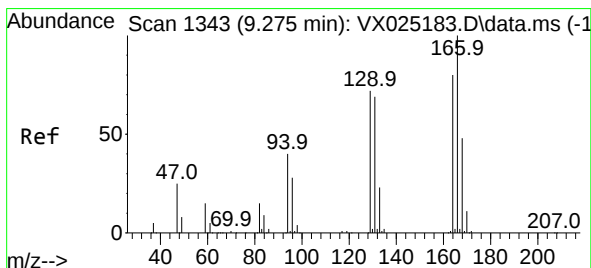
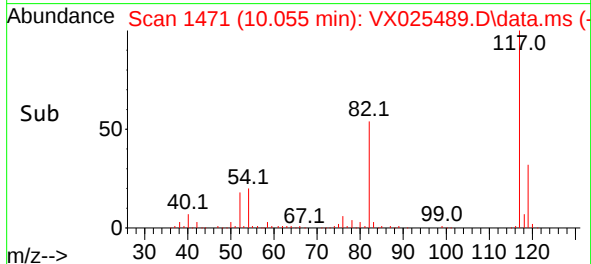
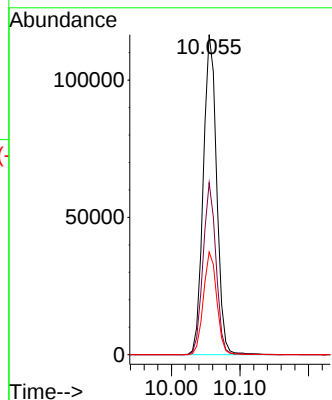
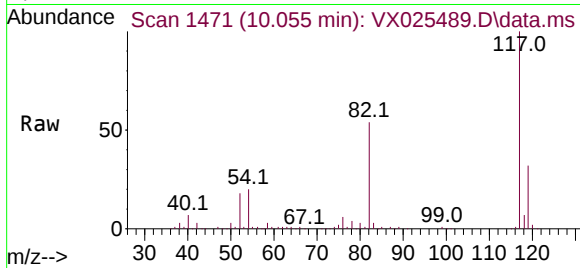




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. -0.000 min  
Lab File: VX025489.D  
Acq: 03 Dec 2021 17:53

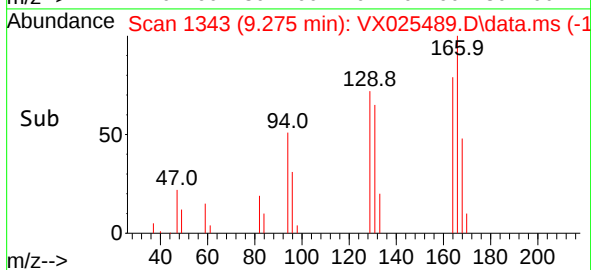
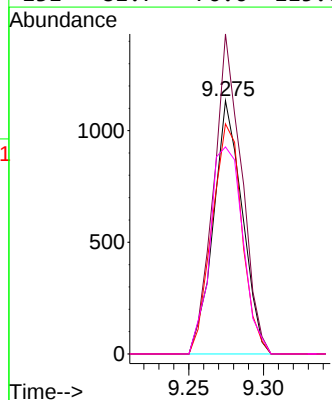
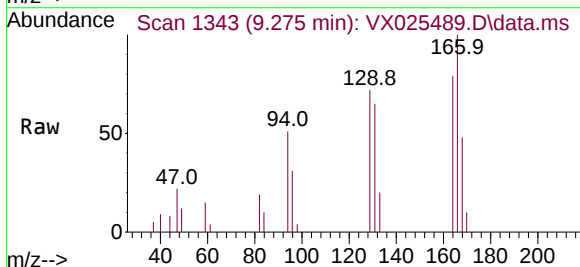
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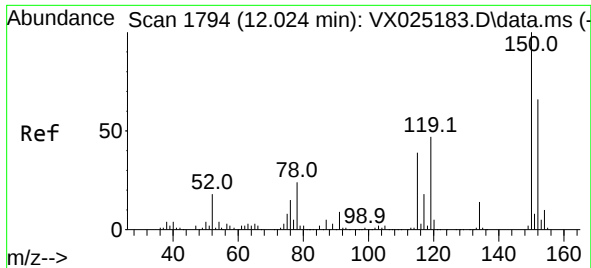
Tgt Ion:117 Resp: 158924  
Ion Ratio Lower Upper  
117 100  
82 53.8 44.6 67.0  
119 32.1 24.8 37.2



#64  
Tetrachloroethene  
Concen: 1.159 ug/l  
RT: 9.275 min Scan# 1343  
Delta R.T. -0.000 min  
Lab File: VX025489.D  
Acq: 03 Dec 2021 17:53

Tgt Ion:164 Resp: 1519  
Ion Ratio Lower Upper  
164 100  
166 126.4 103.2 154.8  
129 90.8 81.0 121.4  
131 81.7 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: VX025489.D

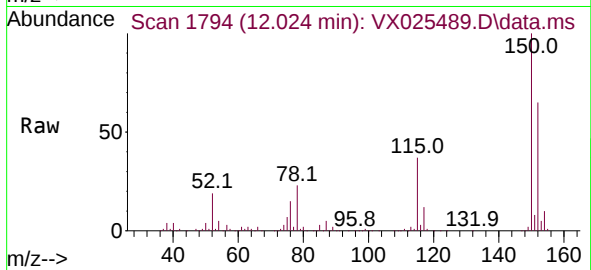
Acq: 03 Dec 2021 17:53

Instrument :

MSVOA\_X

ClientSampleId :

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Tgt Ion:152 Resp: 69823

Ion Ratio Lower Upper

152 100

115 57.0 43.3 129.8

150 154.7 0.0 351.2

