

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX091721\  
 Data File : VX024336.D  
 Acq On : 18 Sep 2021 02:57  
 Operator : JC/MD  
 Sample : M3782-13  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 40 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 RE117D2-20210914

Quant Time: Sep 20 02:45:01 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X091421W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Sep 14 12:18:04 2021  
 Response via : Initial Calibration

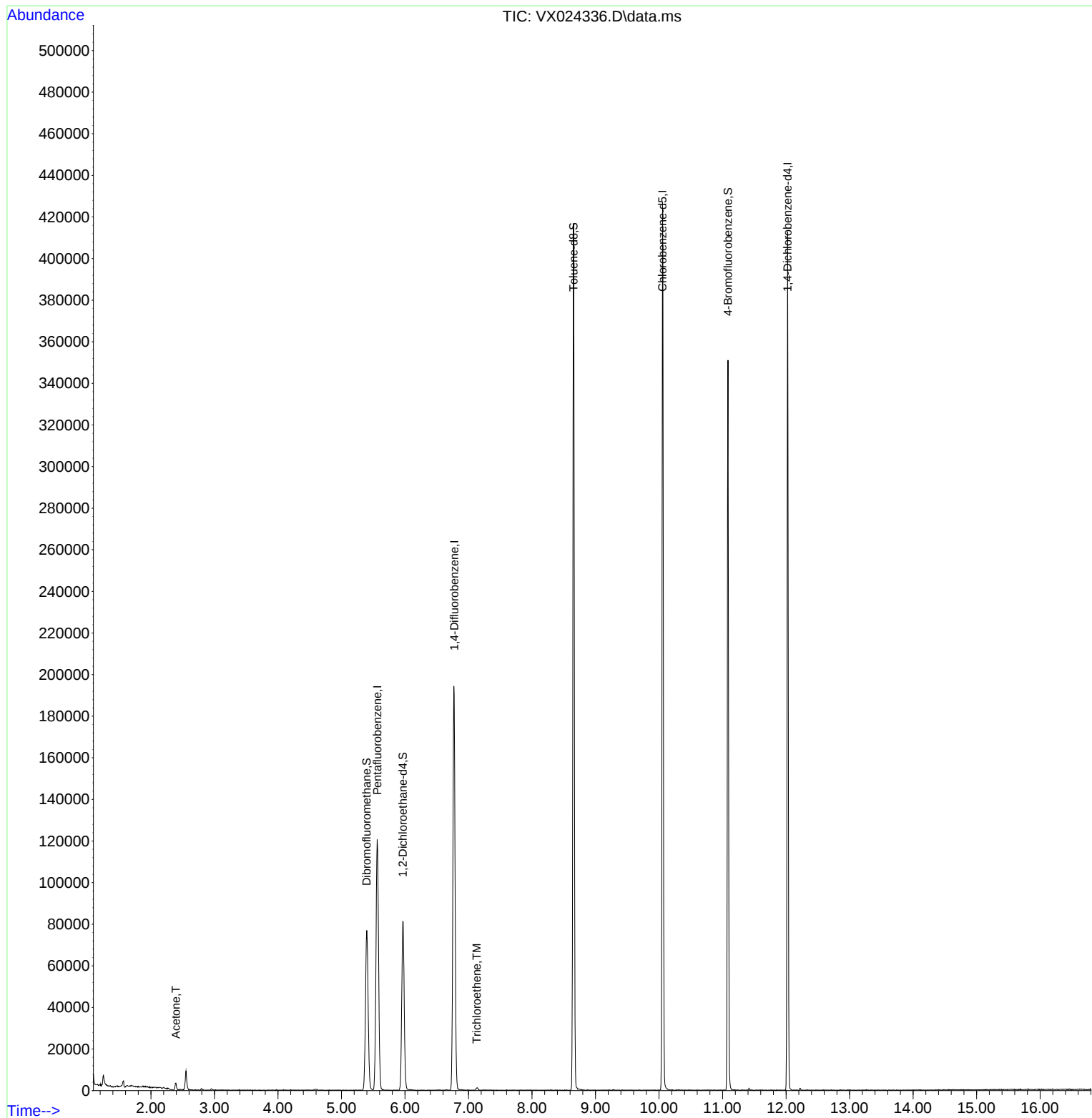
| Compound                    | R.T.   | QIon  | Response | Conc     | Units | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|-------|----------|
| -----                       |        |       |          |          |       |          |
| Internal Standards          |        |       |          |          |       |          |
| 1) Pentafluorobenzene       | 5.562  | 168   | 111285   | 50.000   | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.775  | 114   | 192536   | 50.000   | ug/l  | 0.00     |
| 63) Chlorobenzene-d5        | 10.055 | 117   | 185160   | 50.000   | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.024 | 152   | 79377    | 50.000   | ug/l  | 0.00     |
| System Monitoring Compounds |        |       |          |          |       |          |
| 33) 1,2-Dichloroethane-d4   | 5.964  | 65    | 81914    | 51.619   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | =     | 103.240% |
| 35) Dibromofluoromethane    | 5.397  | 113   | 64435    | 49.902   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =     | 99.800%  |
| 50) Toluene-d8              | 8.653  | 98    | 234533   | 49.859   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | =     | 99.720%  |
| 62) 4-Bromofluorobenzene    | 11.085 | 95    | 84826    | 46.338   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =     | 92.680%  |
| Target Compounds            |        |       |          |          |       |          |
|                             |        |       |          |          |       | Qvalue   |
| 16) Acetone                 | 2.392  | 43    | 3468     | 5.125    | ug/l  | # 81     |
| 44) Trichloroethene         | 7.129  | 130   | 624      | 0.437    | ug/l  | 56       |
| -----                       |        |       |          |          |       |          |

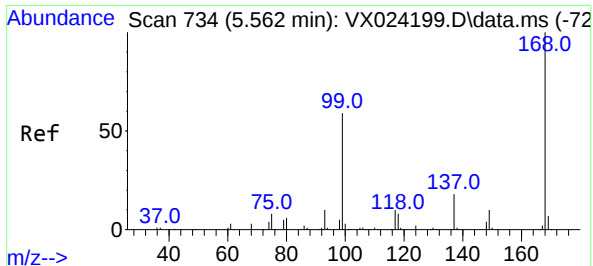
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA\_X  
ClientSampleId :  
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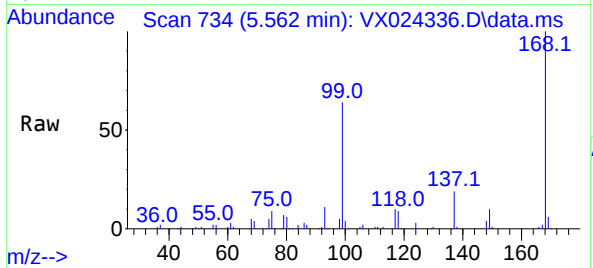
Quant Time: Sep 20 02:45:01 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X091421W.M  
Quant Title : SW846 8260  
QLast Update : Tue Sep 14 12:18:04 2021  
Response via : Initial Calibration



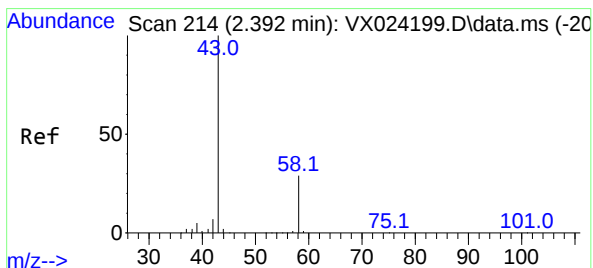
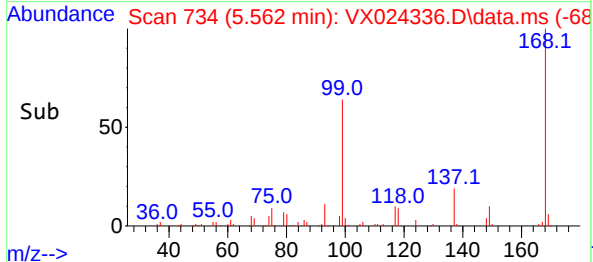
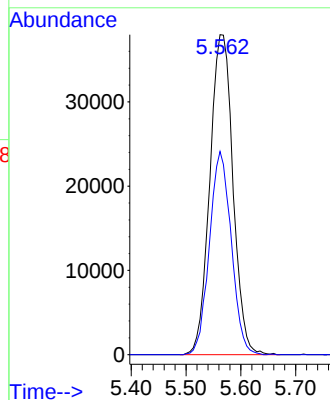


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.562 min Scan# 734  
Delta R.T. -0.000 min  
Lab File: VX024336.D  
Acq: 18 Sep 2021 02:57

Instrument :  
MSVOA\_X  
ClientSampleId :  
RE117D2-20210914

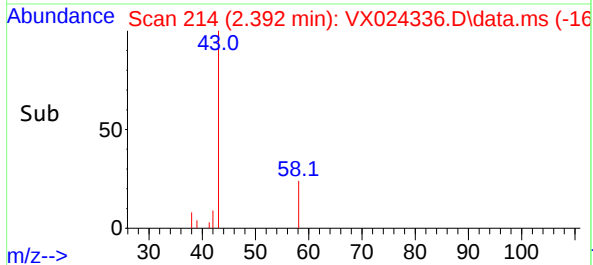
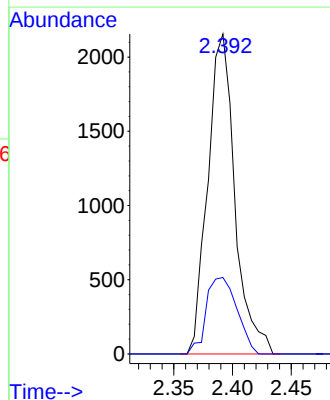
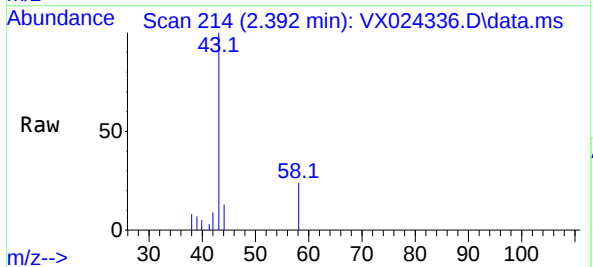


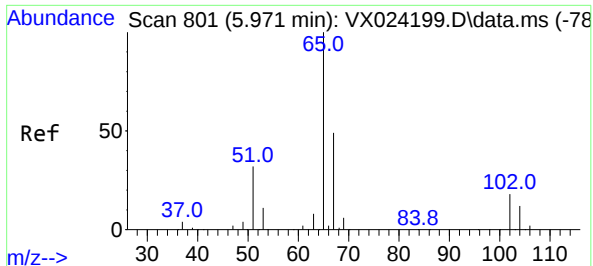
Tgt Ion:168 Resp: 111285  
Ion Ratio Lower Upper  
168 100  
99 63.5 45.8 68.6



#16  
Acetone  
Concen: 5.125 ug/l  
RT: 2.392 min Scan# 214  
Delta R.T. -0.000 min  
Lab File: VX024336.D  
Acq: 18 Sep 2021 02:57

Tgt Ion: 43 Resp: 3468  
Ion Ratio Lower Upper  
43 100  
58 23.9 27.8 41.8#



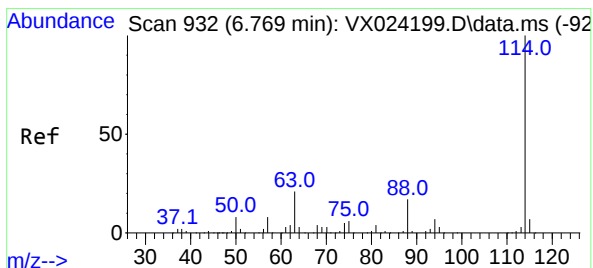
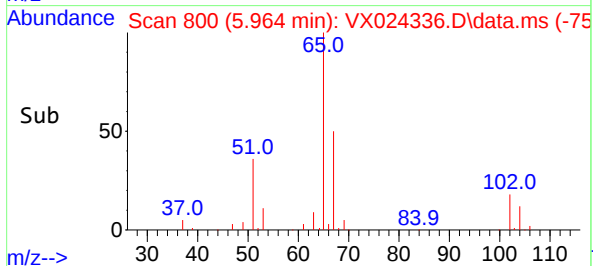
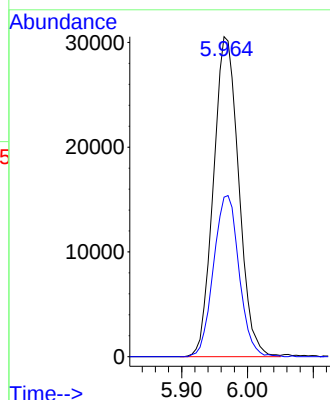
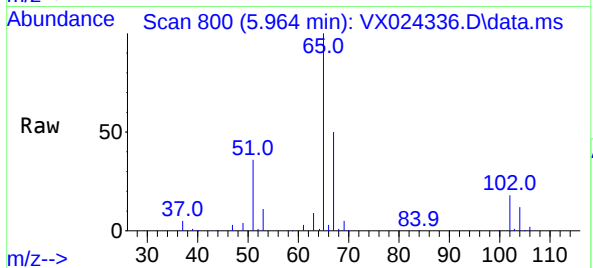


#33

1,2-Dichloroethane-d4  
Concen: 51.619 ug/l  
RT: 5.964 min Scan# 800  
Delta R.T. -0.007 min  
Lab File: VX024336.D  
Acq: 18 Sep 2021 02:57

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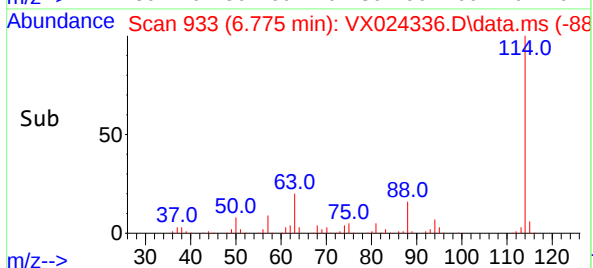
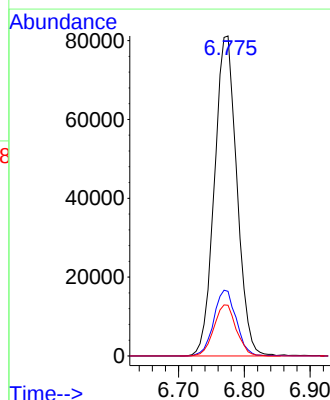
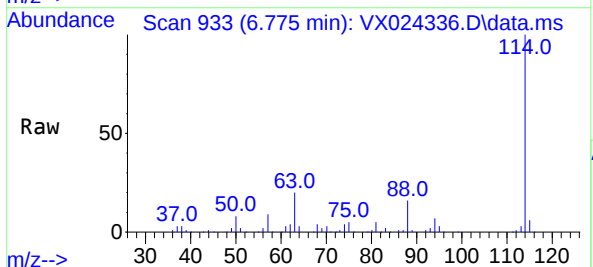
Tgt Ion: 65 Resp: 81914  
Ion Ratio Lower Upper  
65 100  
67 50.7 0.0 105.4

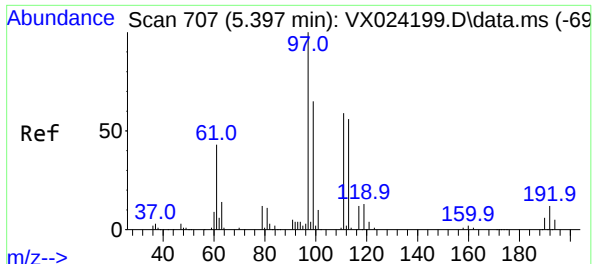


#34

1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.775 min Scan# 933  
Delta R.T. 0.006 min  
Lab File: VX024336.D  
Acq: 18 Sep 2021 02:57

Tgt Ion: 114 Resp: 192536  
Ion Ratio Lower Upper  
114 100  
63 20.2 0.0 40.8  
88 15.9 0.0 32.8

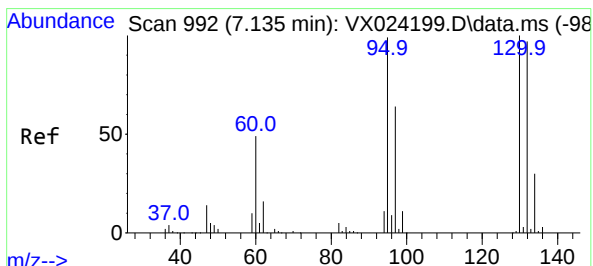
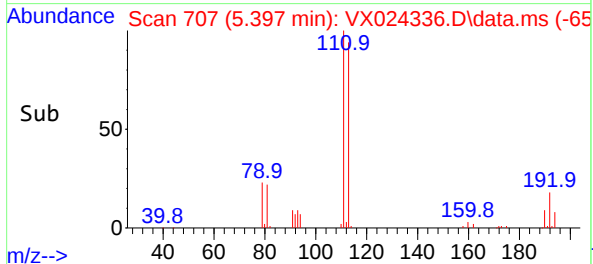
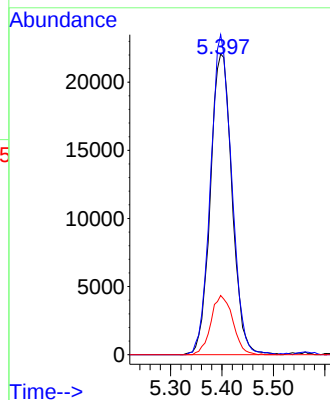
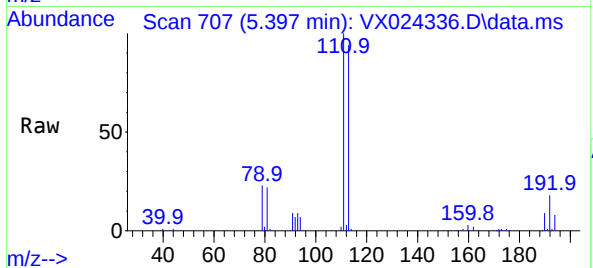




#35  
Dibromofluoromethane  
Concen: 49.902 ug/l  
RT: 5.397 min Scan# 707  
Delta R.T. 0.000 min  
Lab File: VX024336.D  
Acq: 18 Sep 2021 02:57

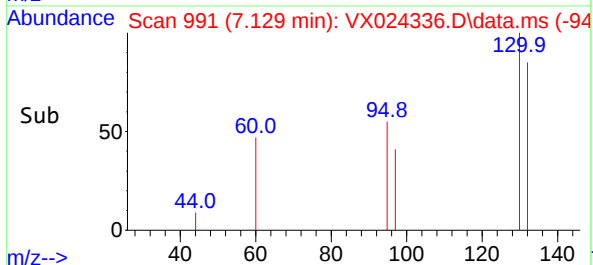
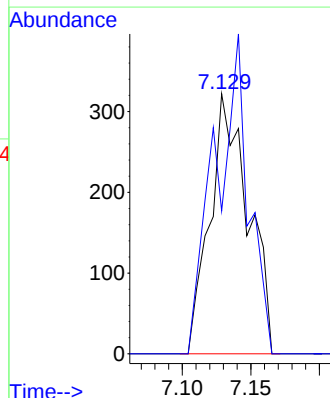
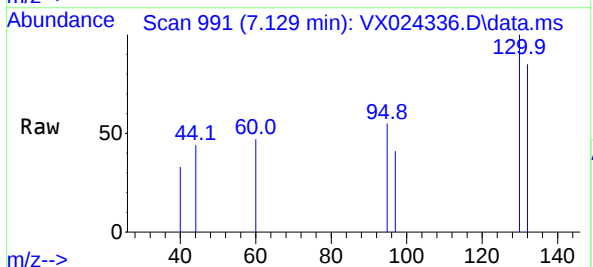
Instrument :  
MSVOA\_X  
ClientSampleId :  
RE117D2-20210914

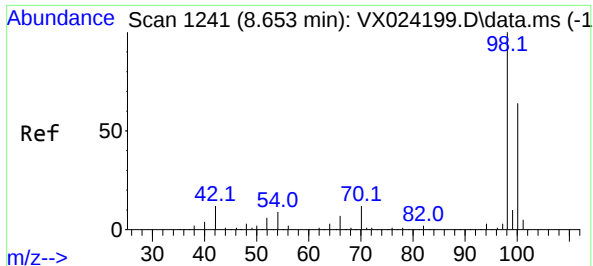
Tgt Ion:113 Resp: 64435  
Ion Ratio Lower Upper  
113 100  
111 104.1 81.9 122.9  
192 19.9 16.7 25.1



#44  
Trichloroethene  
Concen: 0.437 ug/l  
RT: 7.129 min Scan# 991  
Delta R.T. -0.006 min  
Lab File: VX024336.D  
Acq: 18 Sep 2021 02:57

Tgt Ion:130 Resp: 624  
Ion Ratio Lower Upper  
130 100  
95 55.0 0.0 198.0





#50

Toluene-d8

Concen: 49.859 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX024336.D

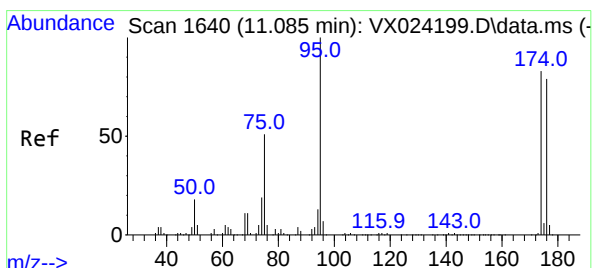
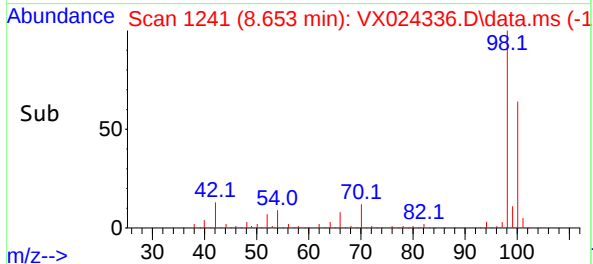
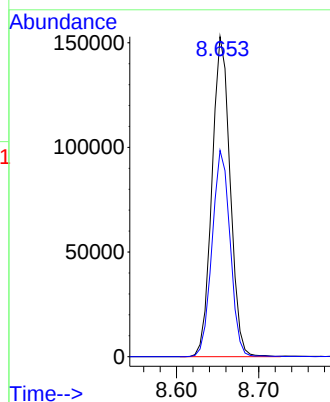
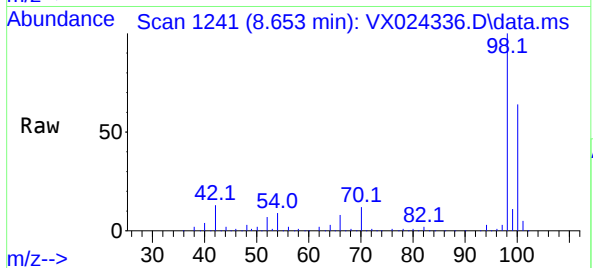
Acq: 18 Sep 2021 02:57

Tgt Ion: 98 Resp: 234533

Ion Ratio Lower Upper

98 100

100 64.1 51.9 77.9



#62

4-Bromofluorobenzene

Concen: 46.338 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.000 min

Lab File: VX024336.D

Acq: 18 Sep 2021 02:57

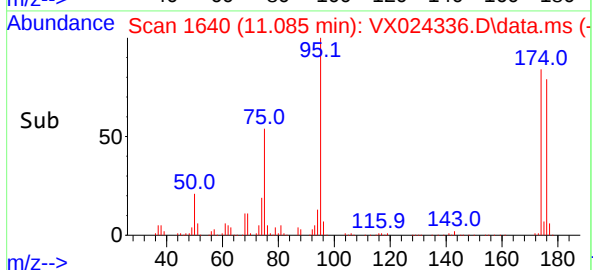
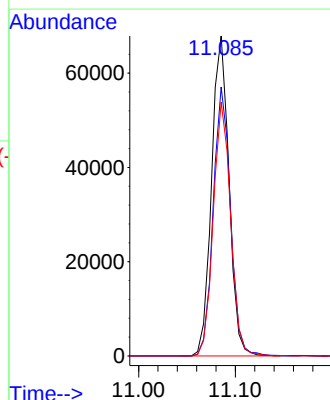
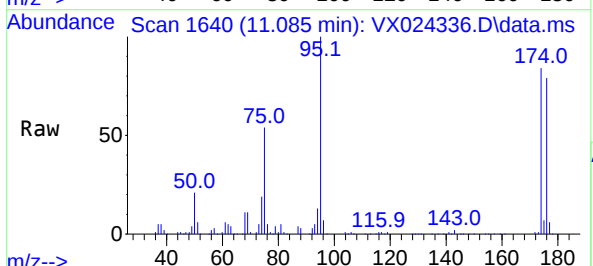
Tgt Ion: 95 Resp: 84826

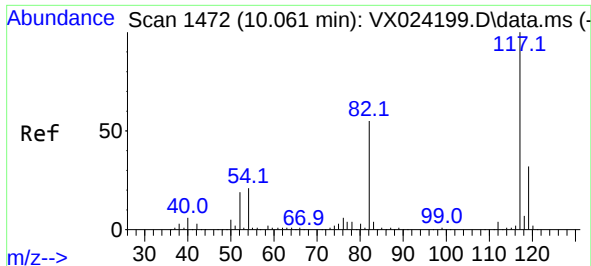
Ion Ratio Lower Upper

95 100

174 83.4 0.0 154.6

176 78.9 0.0 155.8

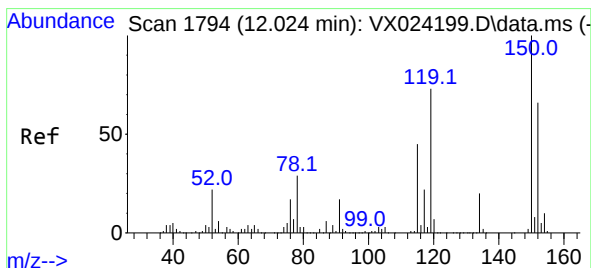
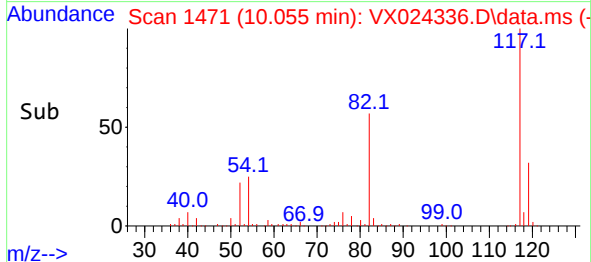
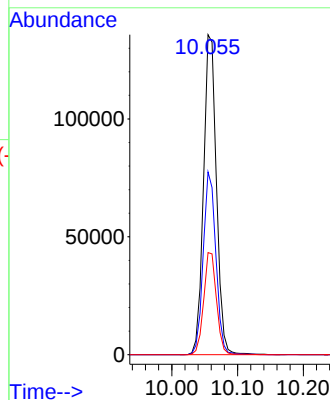
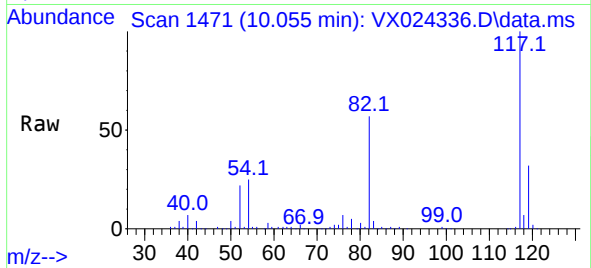




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. -0.006 min  
Lab File: VX024336.D  
Acq: 18 Sep 2021 02:57

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Tgt Ion:117 Resp: 185160  
Ion Ratio Lower Upper  
117 100  
82 57.1 47.4 71.2  
119 31.9 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: VX024336.D  
Acq: 18 Sep 2021 02:57

Tgt Ion:152 Resp: 79377  
Ion Ratio Lower Upper  
152 100  
115 60.1 41.1 123.3  
150 157.7 0.0 349.0

