

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX052721\  
 Data File : VX022202.D  
 Acq On : 26 May 2021 17:05  
 Operator : JC/MD  
 Sample : M2526-12  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 MH-118.5N-20210525

Quant Time: May 27 04:07:32 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X051921W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed May 19 14:23:10 2021  
 Response via : Initial Calibration

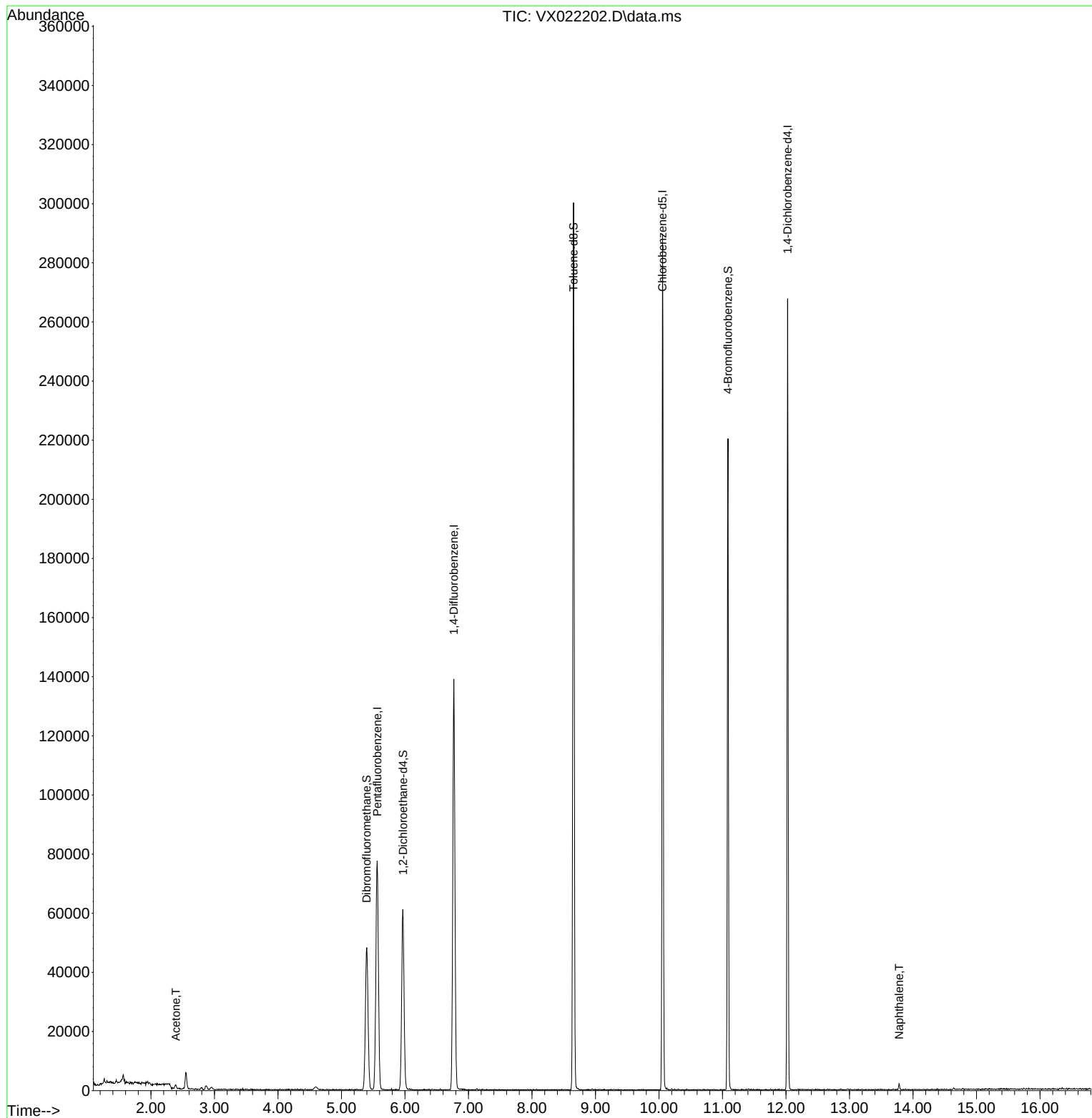
| Compound                    | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|--------|----------|
| -----                       |        |       |          |          |        |          |
| Internal Standards          |        |       |          |          |        |          |
| 1) Pentafluorobenzene       | 5.562  | 168   | 67032    | 50.00    | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.769  | 114   | 137777   | 50.00    | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 10.055 | 117   | 122438   | 50.00    | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.024 | 152   | 47290    | 50.00    | ug/l   | 0.00     |
| System Monitoring Compounds |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 5.971  | 65    | 54060    | 52.28    | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | =      | 104.56%  |
| 35) Dibromofluoromethane    | 5.397  | 113   | 41578    | 47.59    | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =      | 95.18%   |
| 50) Toluene-d8              | 8.653  | 98    | 168973   | 50.21    | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | =      | 100.42%  |
| 62) 4-Bromofluorobenzene    | 11.085 | 95    | 58475    | 47.01    | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =      | 94.02%   |
| Target Compounds            |        |       |          |          |        |          |
|                             |        |       |          |          | Qvalue |          |
| 16) Acetone                 | 2.392  | 43    | 1527     | 3.39     | ug/l # | 87       |
| 95) Naphthalene             | 13.780 | 128   | 1451     | 0.39     | ug/l # | 92       |
| -----                       |        |       |          |          |        |          |

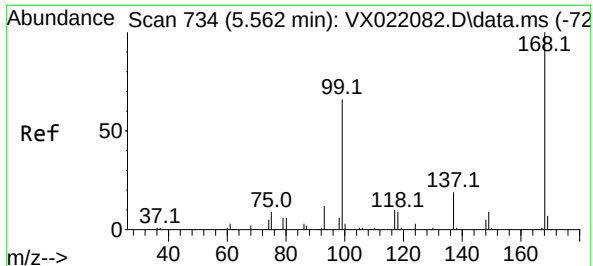
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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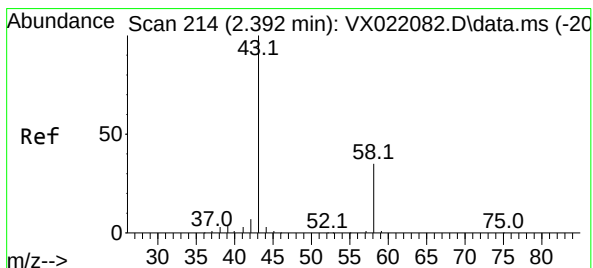
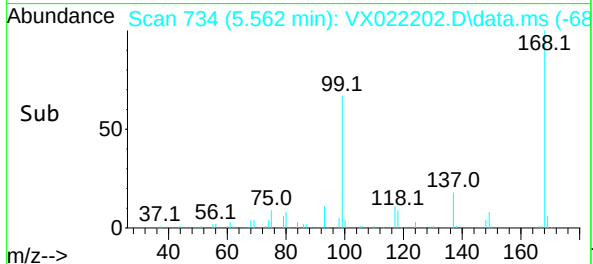
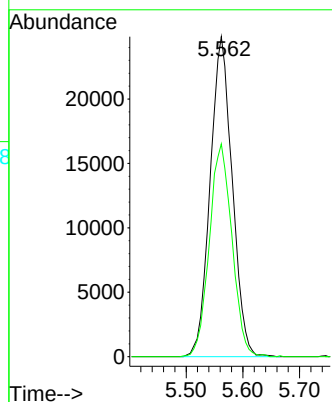
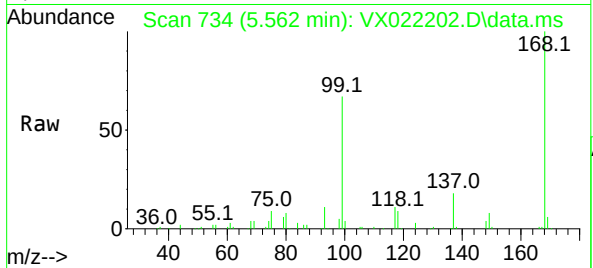




#1  
Pentafluorobenzene  
Concen: 50.00 ug/l  
RT: 5.562 min Scan# 734  
Delta R.T. 0.000 min  
Lab File: VX022202.D  
Acq: 26 May 2021 17:05

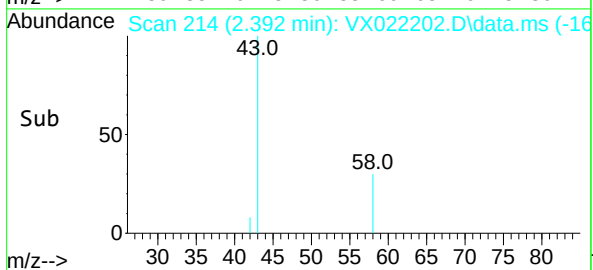
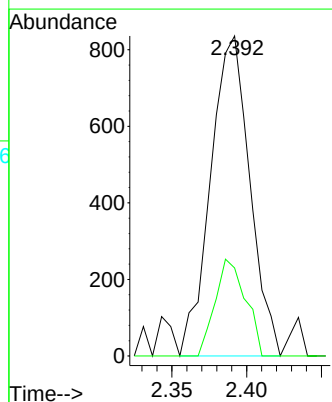
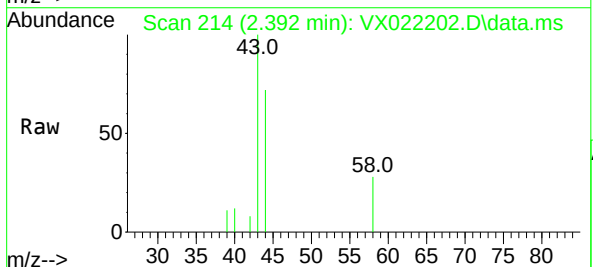
Instrument :  
MSVOA\_X  
ClientSampleId :  
MH-118.5N-20210525

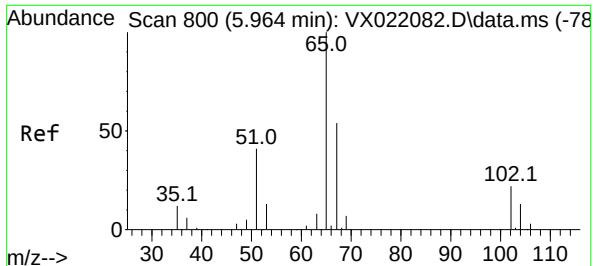
Tgt Ion:168 Resp: 67032  
Ion Ratio Lower Upper  
168 100  
99 66.5 45.8 68.6



#16  
Acetone  
Concen: 3.39 ug/l  
RT: 2.392 min Scan# 214  
Delta R.T. -0.000 min  
Lab File: VX022202.D  
Acq: 26 May 2021 17:05

Tgt Ion: 43 Resp: 1527  
Ion Ratio Lower Upper  
43 100  
58 27.5 27.8 41.8#





#33

1,2-Dichloroethane-d4

Concen: 52.28 ug/l

RT: 5.971 min Scan# 801

Delta R.T. 0.007 min

Lab File: VX022202.D

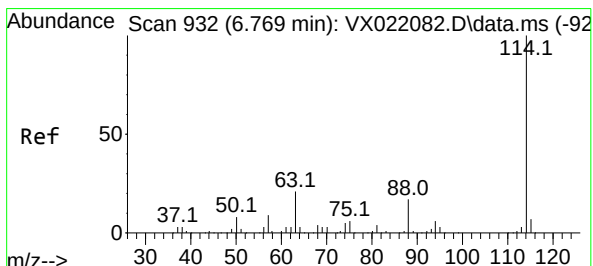
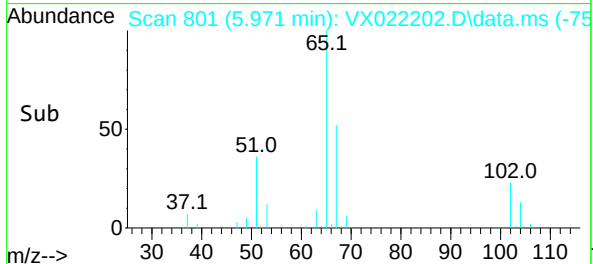
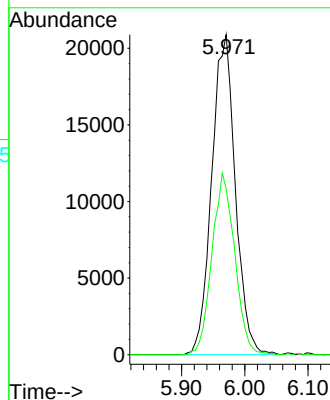
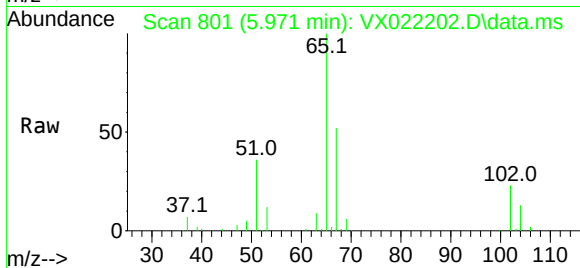
Acq: 26 May 2021 17:05

Tgt Ion: 65 Resp: 54060

Ion Ratio Lower Upper

65 100

67 54.7 0.0 105.4



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.000 min

Lab File: VX022202.D

Acq: 26 May 2021 17:05

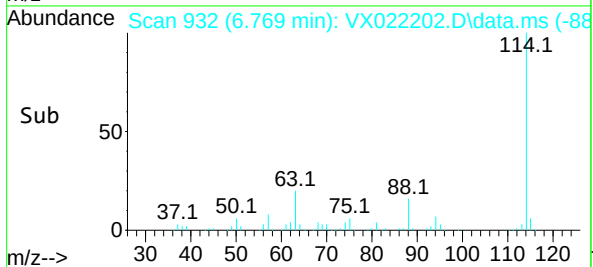
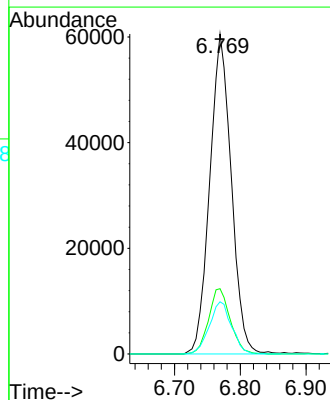
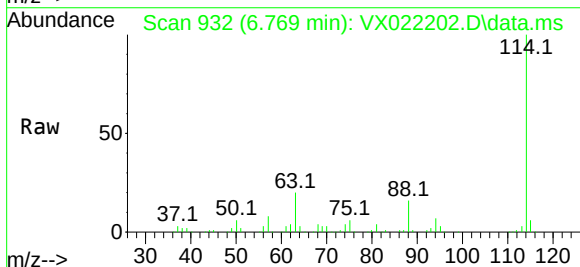
Tgt Ion: 114 Resp: 137777

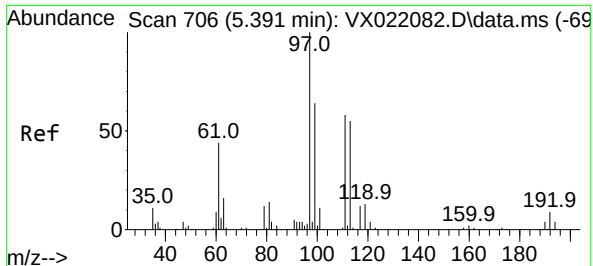
Ion Ratio Lower Upper

114 100

63 20.4 0.0 40.8

88 16.3 0.0 32.8





#35

Dibromofluoromethane

Concen: 47.59 ug/l

RT: 5.397 min Scan# 707

Delta R.T. 0.006 min

Lab File: VX022202.D

Acq: 26 May 2021 17:05

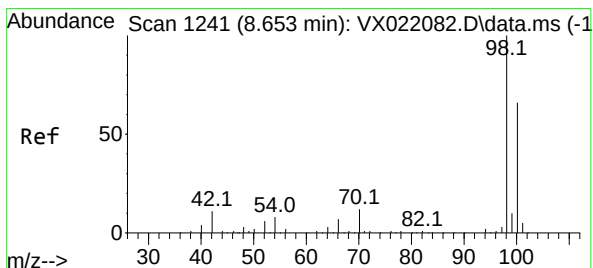
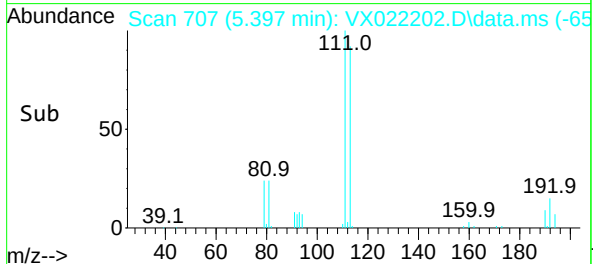
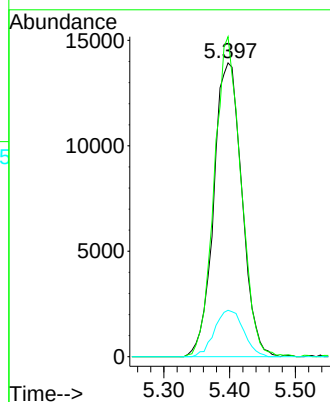
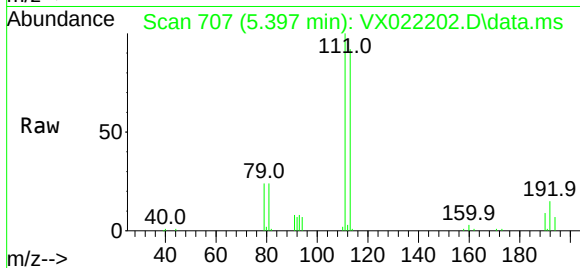
Tgt Ion:113 Resp: 41578

Ion Ratio Lower Upper

113 100

111 103.1 81.9 122.9

192 16.3 16.7 25.1#



#50

Toluene-d8

Concen: 50.21 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX022202.D

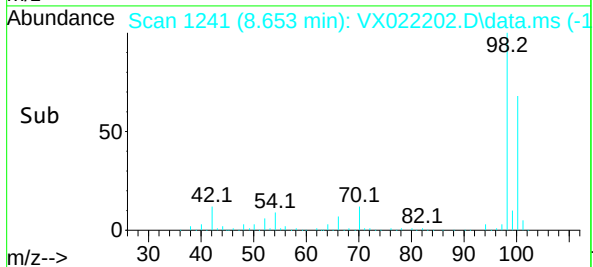
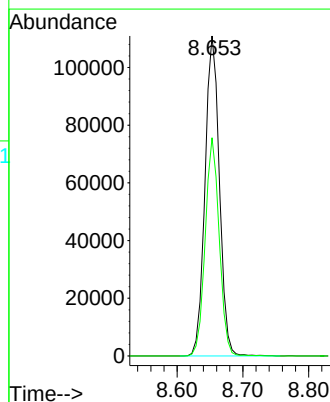
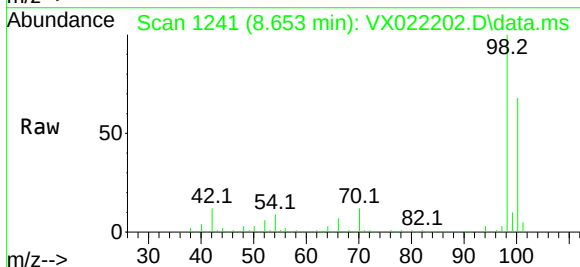
Acq: 26 May 2021 17:05

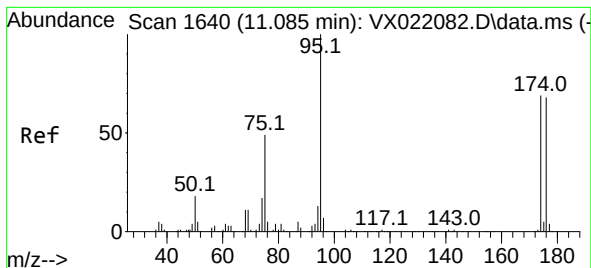
Tgt Ion: 98 Resp: 168973

Ion Ratio Lower Upper

98 100

100 66.4 51.9 77.9

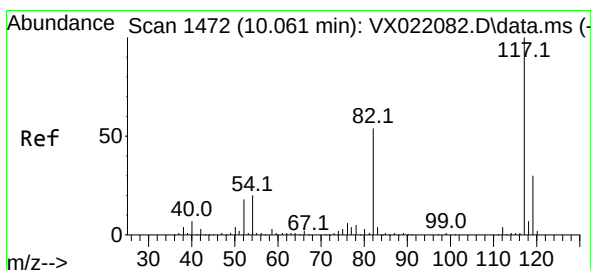
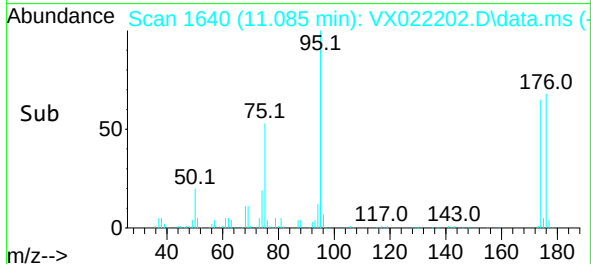
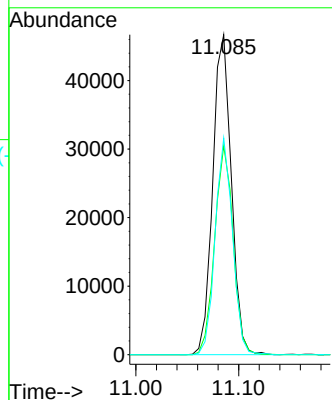
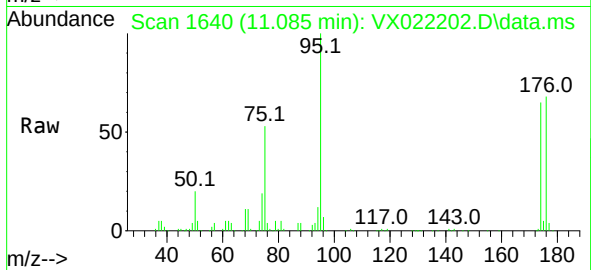




#62  
4-Bromofluorobenzene  
Concen: 47.01 ug/l  
RT: 11.085 min Scan# 1640  
Delta R.T. 0.000 min  
Lab File: VX022202.D  
Acq: 26 May 2021 17:05

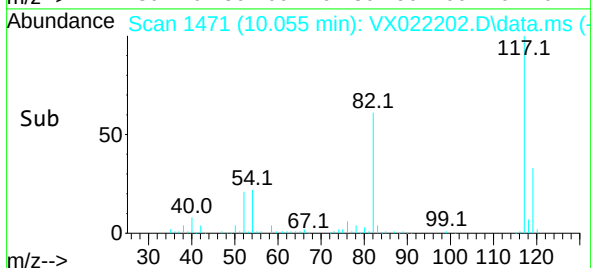
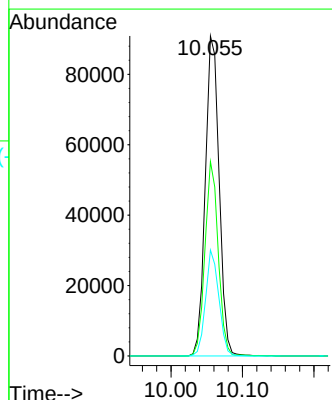
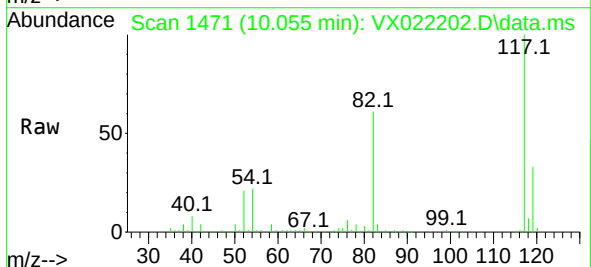
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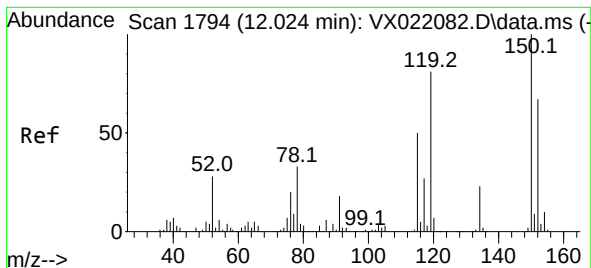
Tgt Ion: 95 Resp: 58475  
Ion Ratio Lower Upper  
95 100  
174 64.9 0.0 154.6  
176 63.5 0.0 155.8



#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. -0.006 min  
Lab File: VX022202.D  
Acq: 26 May 2021 17:05

Tgt Ion: 117 Resp: 122438  
Ion Ratio Lower Upper  
117 100  
82 60.7 47.4 71.2  
119 33.1 26.6 39.8

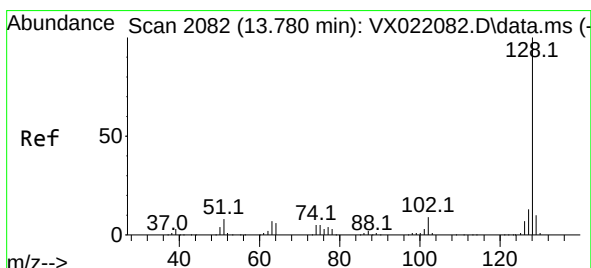
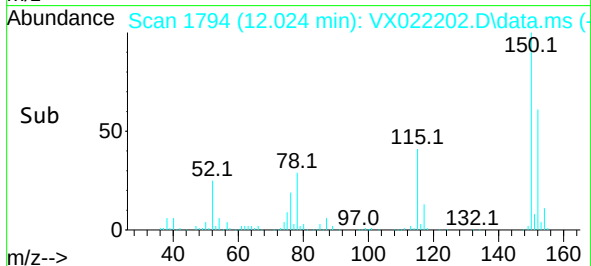
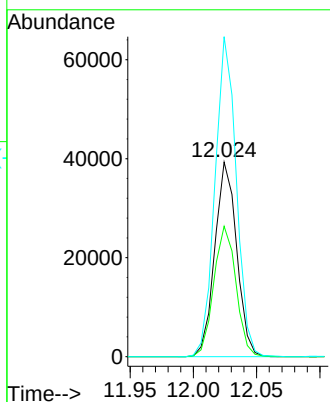
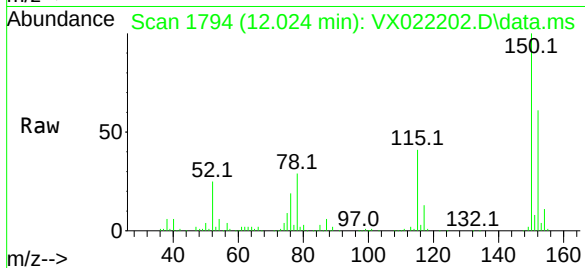




#72  
1,4-Dichlorobenzene-d4  
Concen: 50.00 ug/l  
RT: 12.024 min Scan# 1794  
Delta R.T. 0.000 min  
Lab File: VX022202.D  
Acq: 26 May 2021 17:05

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Tgt Ion:152 Resp: 47290  
Ion Ratio Lower Upper  
152 100  
115 67.9 41.1 123.3  
150 159.7 0.0 349.0



#95  
Naphthalene  
Concen: 0.39 ug/l  
RT: 13.780 min Scan# 2082  
Delta R.T. 0.000 min  
Lab File: VX022202.D  
Acq: 26 May 2021 17:05

Tgt Ion:128 Resp: 1451  
Ion Ratio Lower Upper  
128 100  
127 8.6 10.3 15.5#  
129 9.5 8.8 13.2

