

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX111522\  
 Data File : VX032841.D  
 Acq On : 16 Nov 2022 03:29  
 Operator : JC/MD  
 Sample : N5640-03 50X  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 36 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 RW-3

Quant Time: Nov 16 05:11:27 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X102622W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Oct 27 08:28:06 2022  
 Response via : Initial Calibration

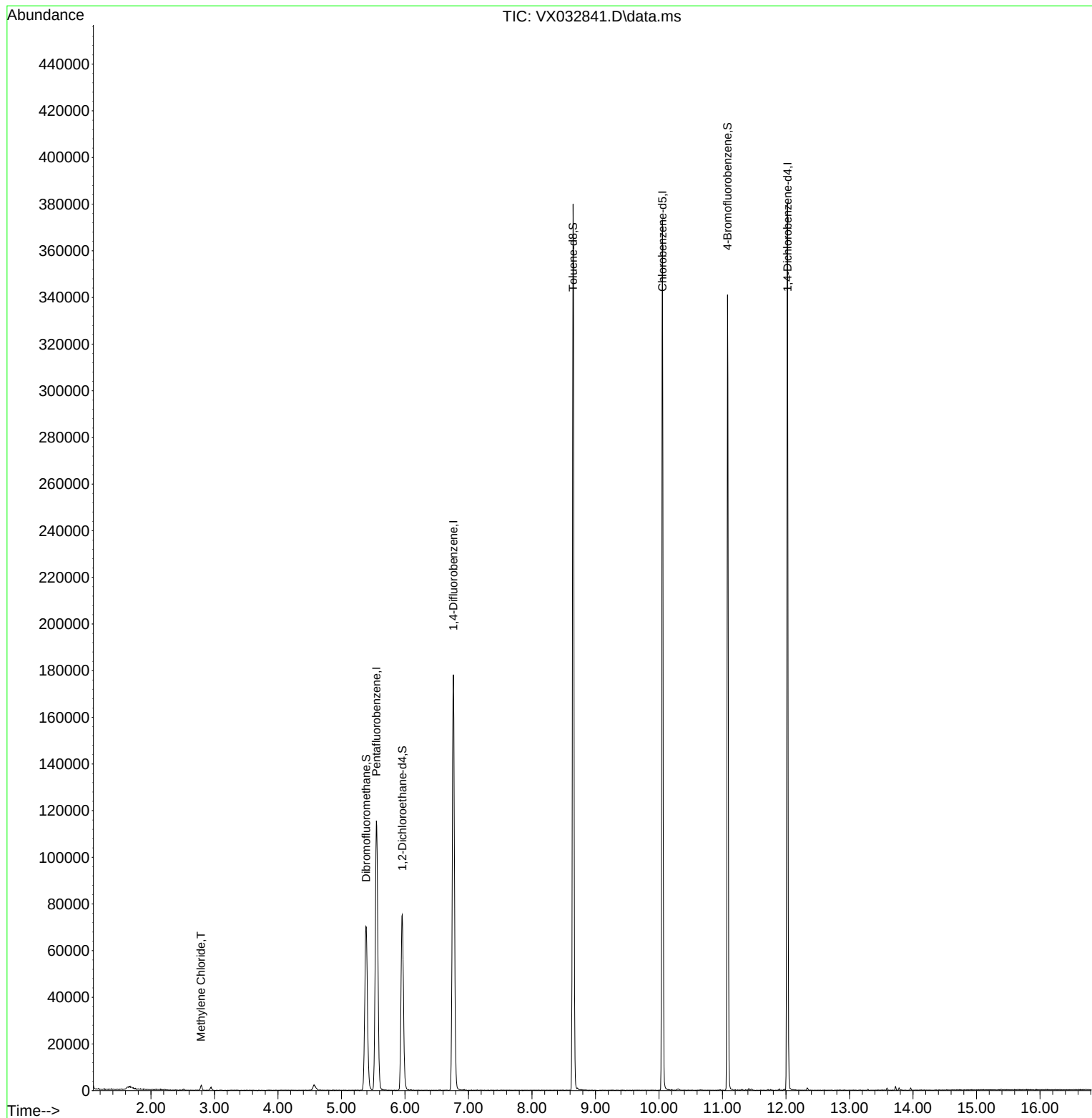
| Compound                    | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|--------|----------|
| -----                       |        |       |          |          |        |          |
| Internal Standards          |        |       |          |          |        |          |
| 1) Pentafluorobenzene       | 5.550  | 168   | 109791   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.763  | 114   | 180855   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 10.055 | 117   | 163820   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.024 | 152   | 76750    | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 5.958  | 65    | 77263    | 50.647   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | =      | 101.300% |
| 35) Dibromofluoromethane    | 5.385  | 113   | 62498    | 48.446   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =      | 96.900%  |
| 50) Toluene-d8              | 8.647  | 98    | 225633   | 50.299   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | =      | 100.600% |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 85389    | 48.731   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =      | 97.460%  |
| Target Compounds            |        |       |          |          |        |          |
|                             |        |       |          |          | Qvalue |          |
| 20) Methylene Chloride      | 2.788  | 84    | 1084     | 0.853    | ug/l # | 93       |
| -----                       |        |       |          |          |        |          |

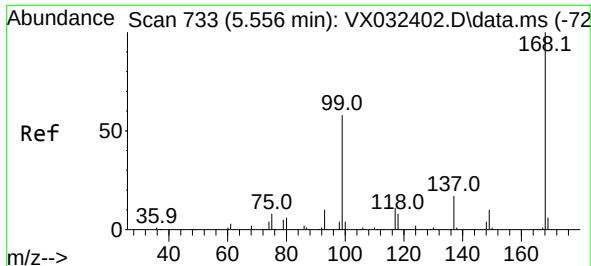
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :  
MSVOA\_X  
ClientSampleId :  
RW-3

Quant Time: Nov 16 05:11:27 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X102622W.M  
Quant Title : SW846 8260  
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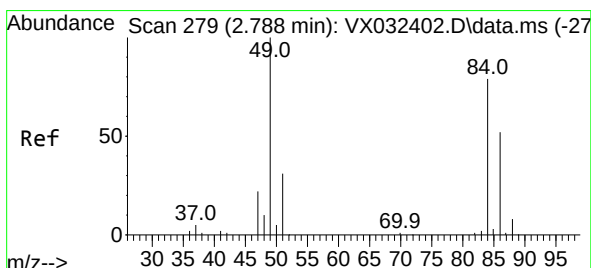
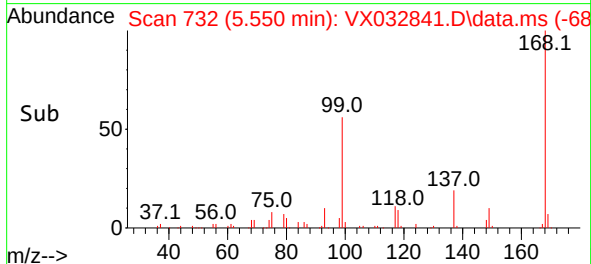
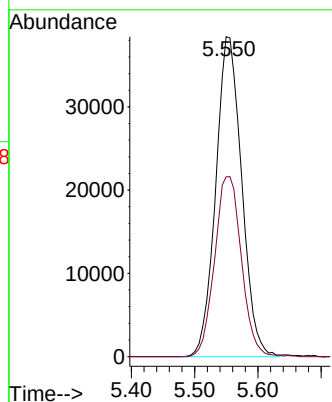
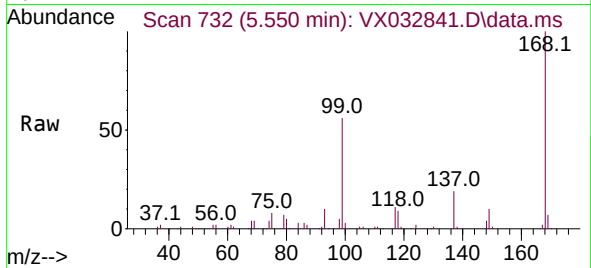




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.550 min Scan# 733  
Delta R.T. -0.006 min  
Lab File: VX032841.D  
Acq: 16 Nov 2022 03:29

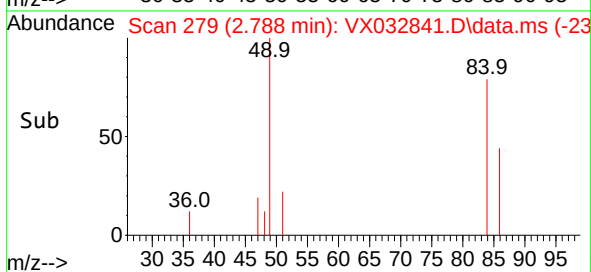
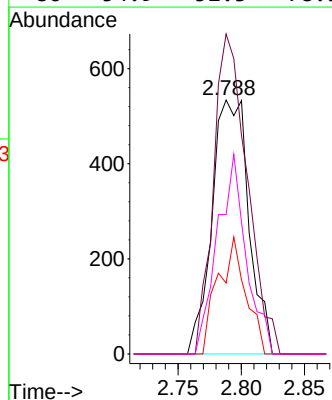
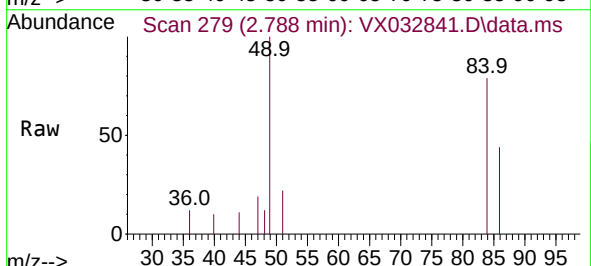
Instrument :  
MSVOA\_X  
ClientSampleId :  
RW-3

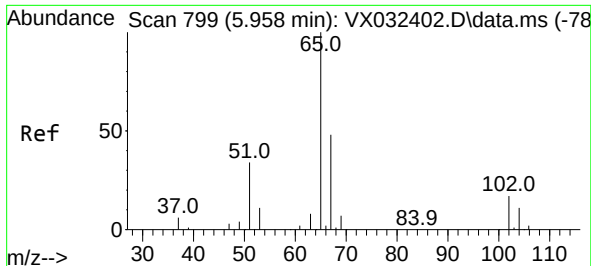
Tgt Ion:168 Resp: 109791  
Ion Ratio Lower Upper  
168 100  
99 56.2 46.1 69.1



#20  
Methylene Chloride  
Concen: 0.853 ug/l  
RT: 2.788 min Scan# 279  
Delta R.T. -0.000 min  
Lab File: VX032841.D  
Acq: 16 Nov 2022 03:29

Tgt Ion: 84 Resp: 1084  
Ion Ratio Lower Upper  
84 100  
49 126.0 101.0 151.6  
51 27.9 31.1 46.7#  
86 54.9 52.3 78.5





#33

1,2-Dichloroethane-d4

Concen: 50.647 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX032841.D

Acq: 16 Nov 2022 03:29

Instrument :

MSVOA\_X

ClientSampleId :

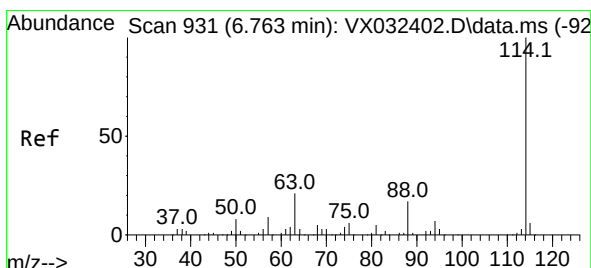
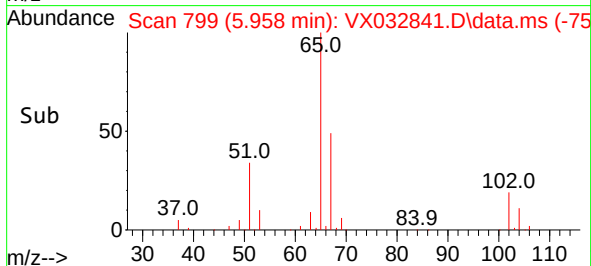
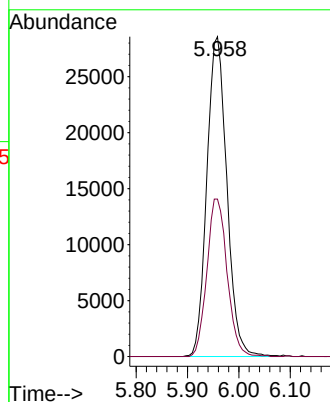
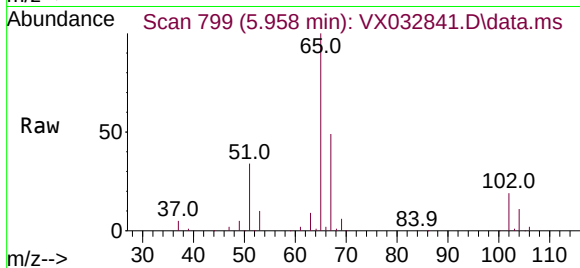
RW-3

Tgt Ion: 65 Resp: 77263

Ion Ratio Lower Upper

65 100

67 50.0 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX032841.D

Acq: 16 Nov 2022 03:29

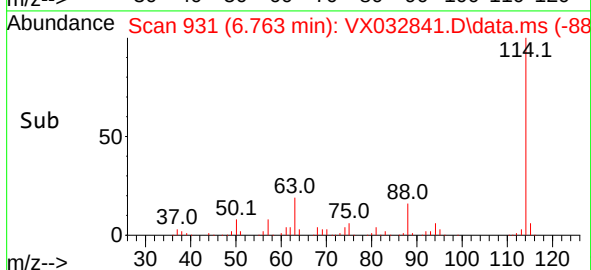
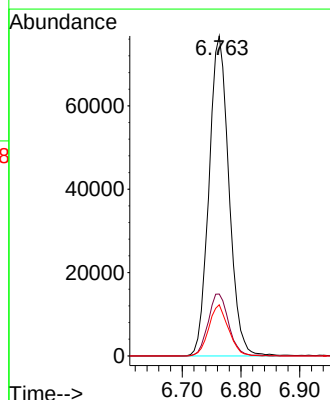
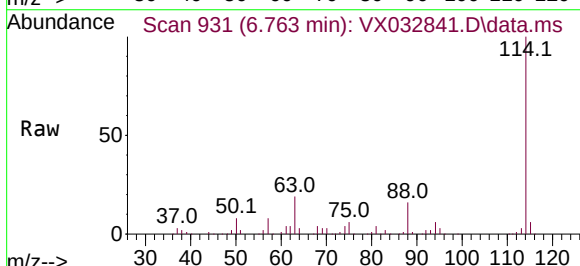
Tgt Ion: 114 Resp: 180855

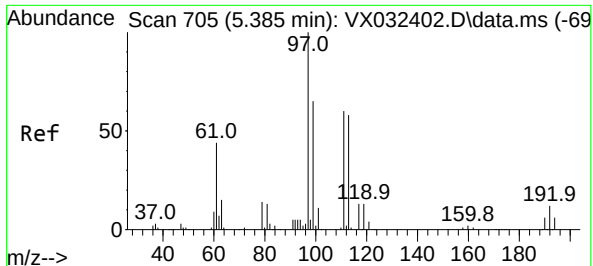
Ion Ratio Lower Upper

114 100

63 19.3 0.0 41.6

88 16.0 0.0 33.4





#35

Dibromofluoromethane

Concen: 48.446 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX032841.D

Acq: 16 Nov 2022 03:29

Instrument :

MSVOA\_X

ClientSampleId :

RW-3

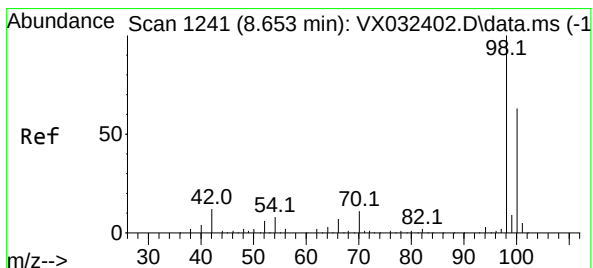
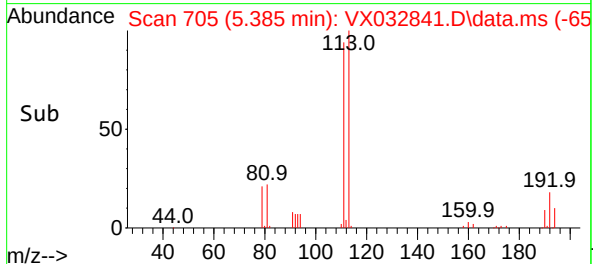
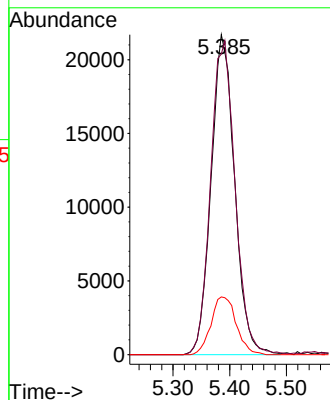
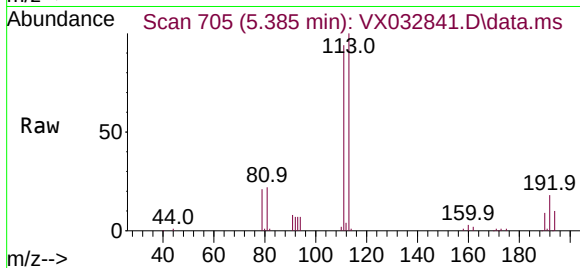
Tgt Ion:113 Resp: 62498

Ion Ratio Lower Upper

113 100

111 102.2 82.4 123.6

192 19.3 15.4 23.2



#50

Toluene-d8

Concen: 50.299 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.006 min

Lab File: VX032841.D

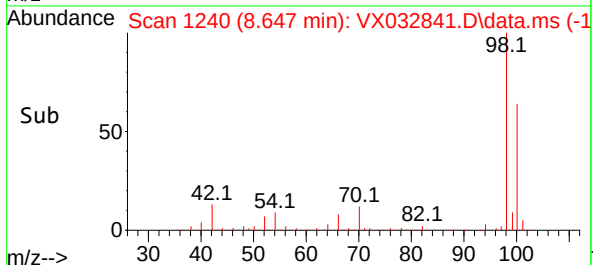
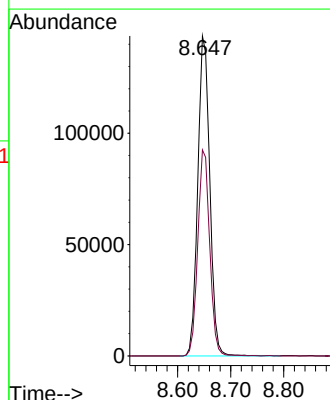
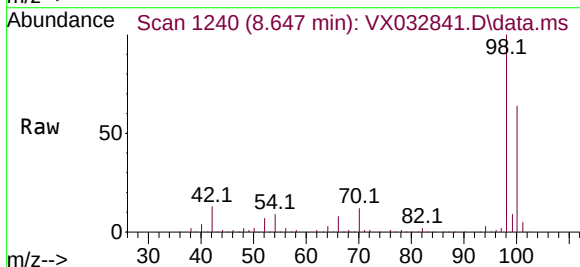
Acq: 16 Nov 2022 03:29

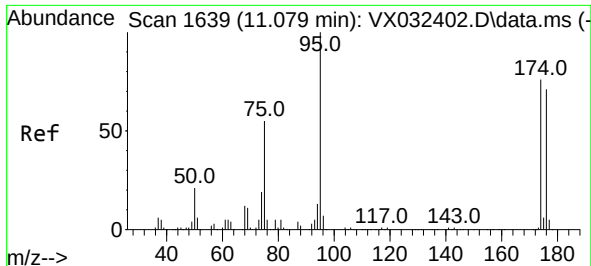
Tgt Ion: 98 Resp: 225633

Ion Ratio Lower Upper

98 100

100 64.0 50.9 76.3





#62

4-Bromofluorobenzene

Concen: 48.731 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX032841.D

Acq: 16 Nov 2022 03:29

Instrument :

MSVOA\_X

ClientSampleId :

RW-3

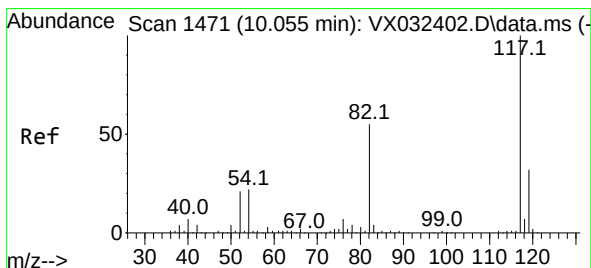
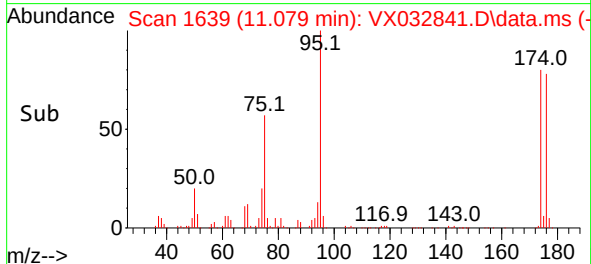
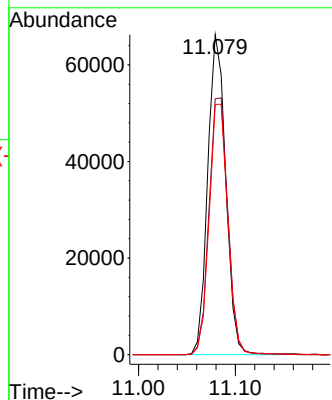
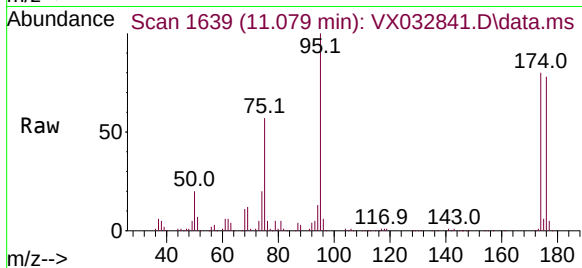
Tgt Ion: 95 Resp: 85389

Ion Ratio Lower Upper

95 100

174 84.2 0.0 164.0

176 81.7 0.0 154.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VX032841.D

Acq: 16 Nov 2022 03:29

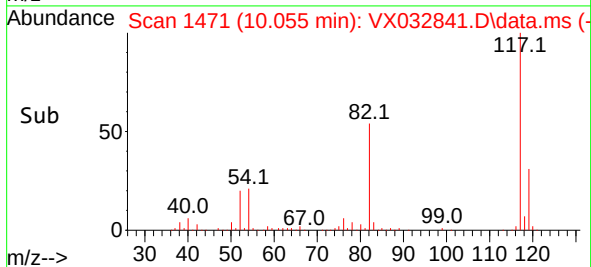
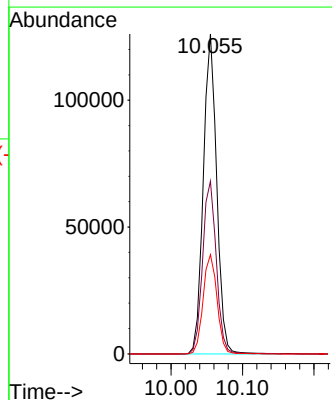
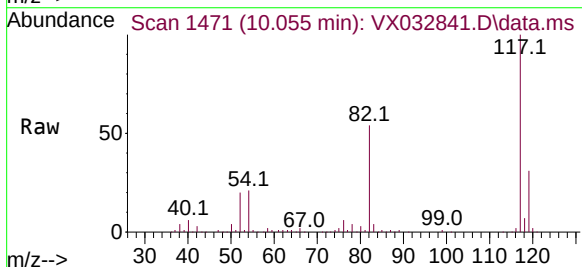
Tgt Ion: 117 Resp: 163820

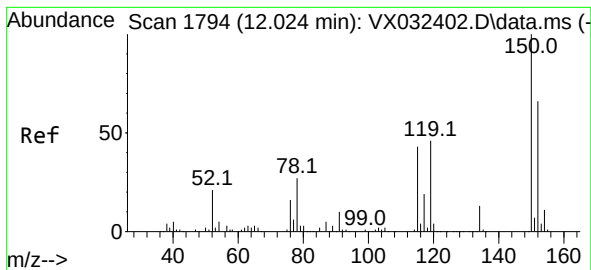
Ion Ratio Lower Upper

117 100

82 54.0 44.3 66.5

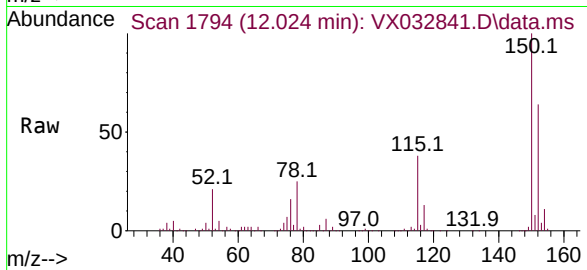
119 31.0 25.7 38.5





#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 12.024 min Scan# 11  
 Delta R.T. -0.000 min  
 Lab File: VX032841.D  
 Acq: 16 Nov 2022 03:29

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 RW-3



Tgt Ion:152 Resp: 76750  
 Ion Ratio Lower Upper  
 152 100  
 115 60.0 44.0 132.0  
 150 157.2 0.0 351.8

