

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX090221\  
 Data File : VX024083.D  
 Acq On : 02 Sep 2021 20:20  
 Operator : JC/MD  
 Sample : M3643-01  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 OF-1

Quant Time: Sep 03 05:41:34 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X081721W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Aug 17 11:57:51 2021  
 Response via : Initial Calibration

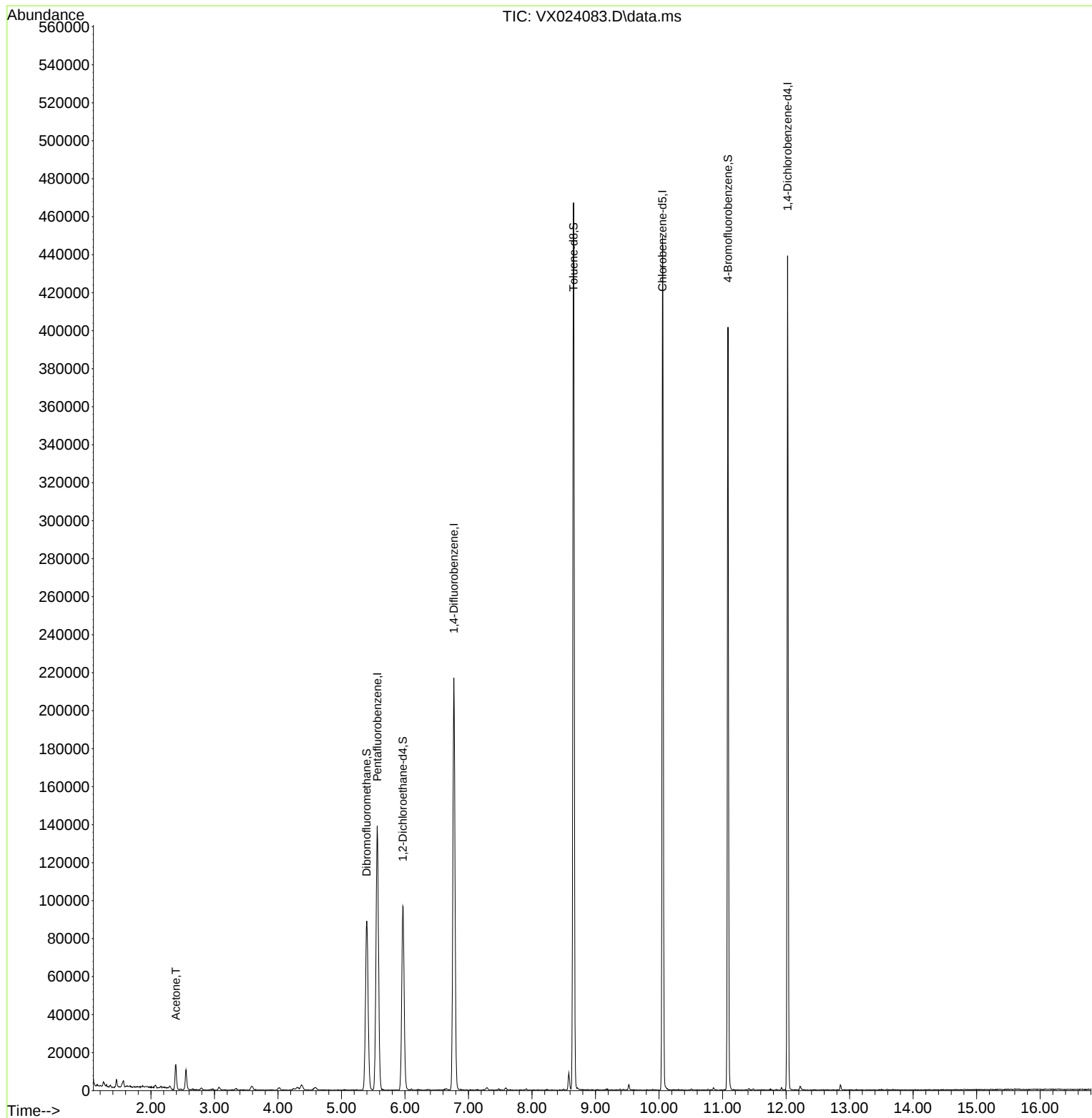
| Compound                    | R.T.   | QIon  | Response | Conc     | Units      | Dev(Min)  |
|-----------------------------|--------|-------|----------|----------|------------|-----------|
| -----                       |        |       |          |          |            |           |
| Internal Standards          |        |       |          |          |            |           |
| 1) Pentafluorobenzene       | 5.562  | 168   | 125823   | 50.000   | ug/l       | 0.00      |
| 34) 1,4-Difluorobenzene     | 6.769  | 114   | 211553   | 50.000   | ug/l       | 0.00      |
| 63) Chlorobenzene-d5        | 10.055 | 117   | 198495   | 50.000   | ug/l       | 0.00      |
| 72) 1,4-Dichlorobenzene-d4  | 12.024 | 152   | 85052    | 50.000   | ug/l       | 0.00      |
| System Monitoring Compounds |        |       |          |          |            |           |
| 33) 1,2-Dichloroethane-d4   | 5.964  | 65    | 98154    | 55.893   | ug/l       | 0.00      |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | = 111.780% |           |
| 35) Dibromofluoromethane    | 5.397  | 113   | 76198    | 54.419   | ug/l       | 0.00      |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | = 108.840% |           |
| 50) Toluene-d8              | 8.653  | 98    | 271995   | 51.038   | ug/l       | 0.00      |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | = 102.080% |           |
| 62) 4-Bromofluorobenzene    | 11.085 | 95    | 95487    | 48.672   | ug/l       | 0.00      |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | = 97.340%  |           |
| Target Compounds            |        |       |          |          |            |           |
| 16) Acetone                 | 2.392  | 43    | 14102    | 17.960   | ug/l       | Qvalue 91 |
| -----                       |        |       |          |          |            |           |

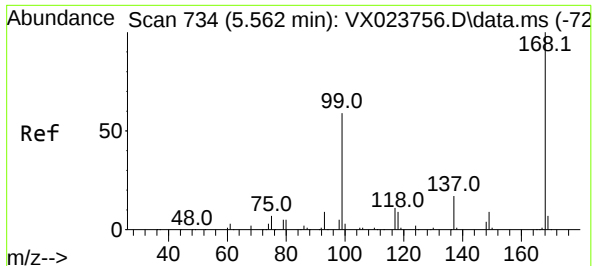
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :  
MSVOA\_X  
ClientSampleId :  
OF-1

Quant Time: Sep 03 05:41:34 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X081721W.M  
Quant Title : SW846 8260  
QLast Update : Tue Aug 17 11:57:51 2021  
Response via : Initial Calibration

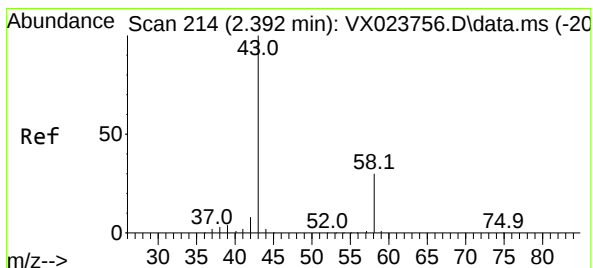
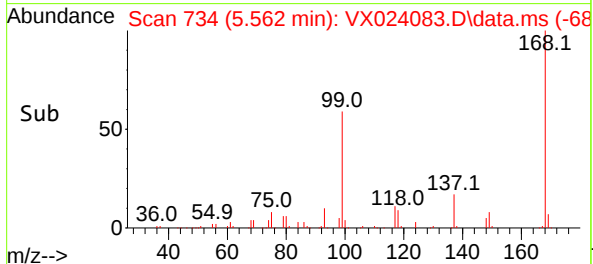
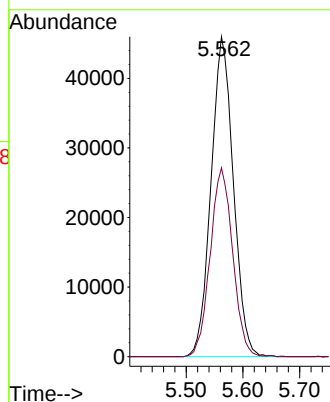
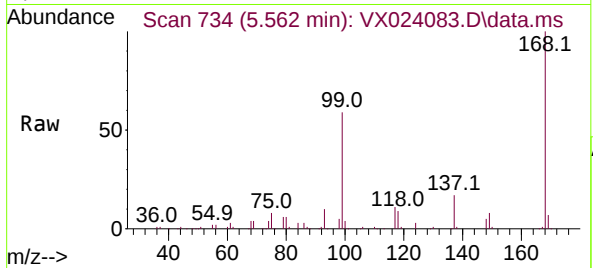




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.562 min Scan# 734  
Delta R.T. -0.000 min  
Lab File: VX024083.D  
Acq: 02 Sep 2021 20:20

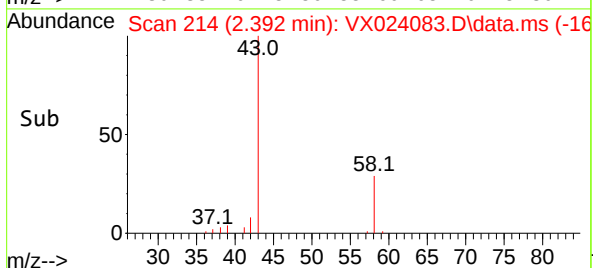
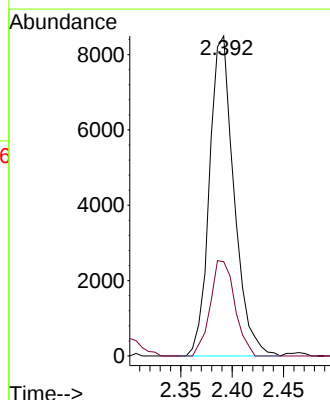
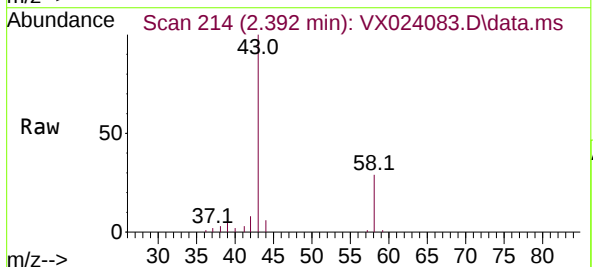
Instrument :  
MSVOA\_X  
ClientSampled :  
OF-1

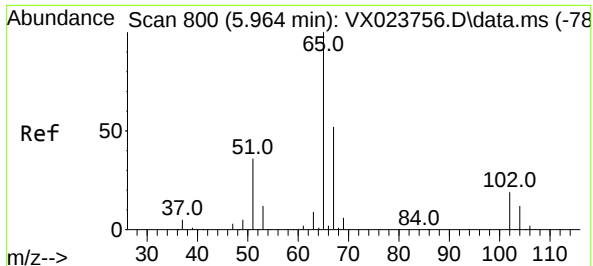
Tgt Ion:168 Resp: 125823  
Ion Ratio Lower Upper  
168 100  
99 59.0 45.8 68.6



#16  
Acetone  
Concen: 17.960 ug/l  
RT: 2.392 min Scan# 214  
Delta R.T. -0.000 min  
Lab File: VX024083.D  
Acq: 02 Sep 2021 20:20

Tgt Ion: 43 Resp: 14102  
Ion Ratio Lower Upper  
43 100  
58 29.5 27.8 41.8





#33

1,2-Dichloroethane-d4

Concen: 55.893 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.000 min

Lab File: VX024083.D

Acq: 02 Sep 2021 20:20

Tgt Ion: 65 Resp: 98154

Ion Ratio Lower Upper

65 100

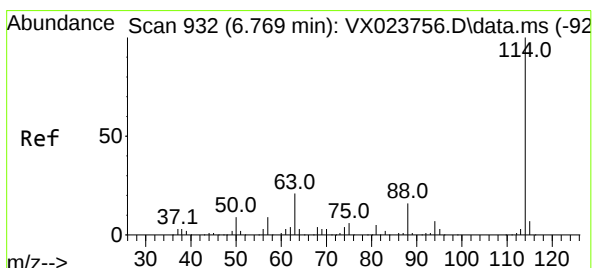
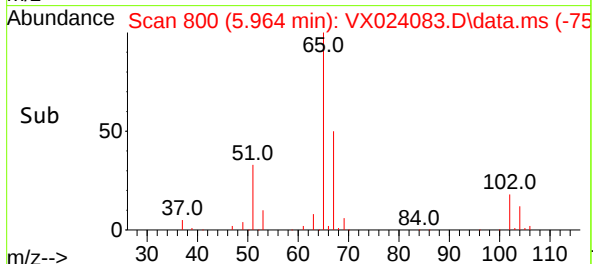
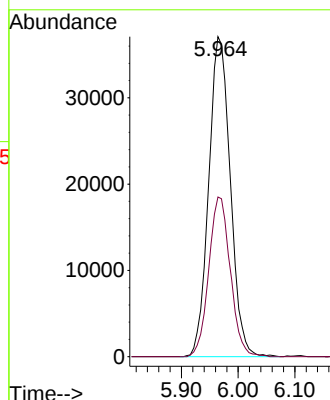
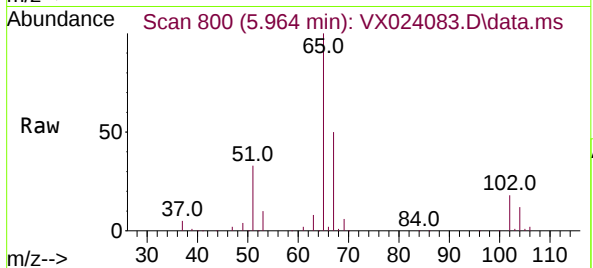
67 49.7 0.0 105.4

Instrument :

MSVOA\_X

ClientSampled :

OF-1



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.000 min

Lab File: VX024083.D

Acq: 02 Sep 2021 20:20

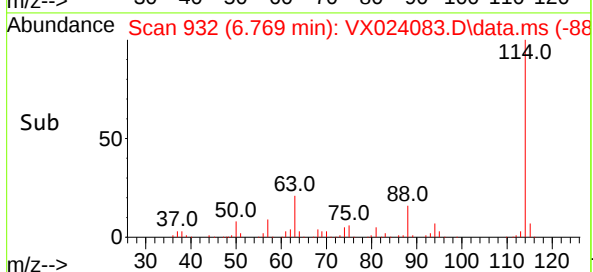
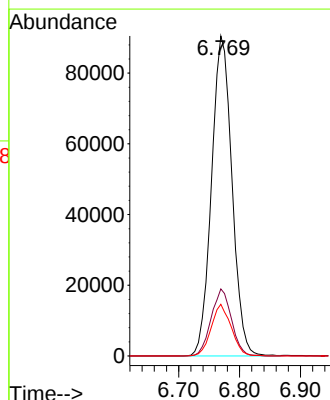
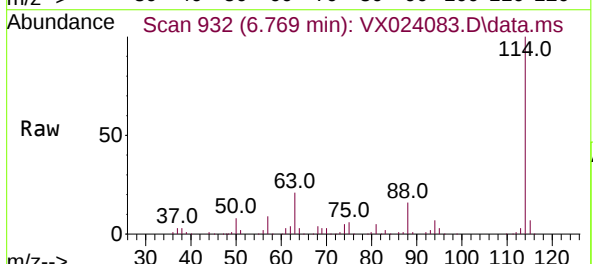
Tgt Ion: 114 Resp: 211553

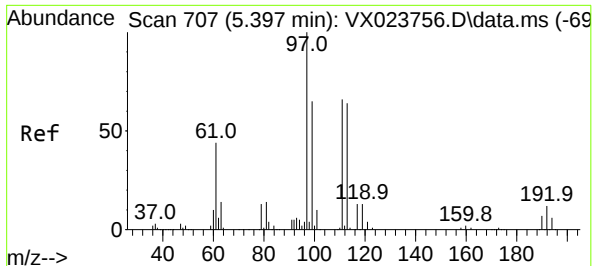
Ion Ratio Lower Upper

114 100

63 21.0 0.0 40.8

88 16.2 0.0 32.8





#35

Dibromofluoromethane

Concen: 54.419 ug/l

RT: 5.397 min Scan# 707

Delta R.T. 0.000 min

Lab File: VX024083.D

Acq: 02 Sep 2021 20:20

Instrument :

MSVOA\_X

ClientSampled :

OF-1

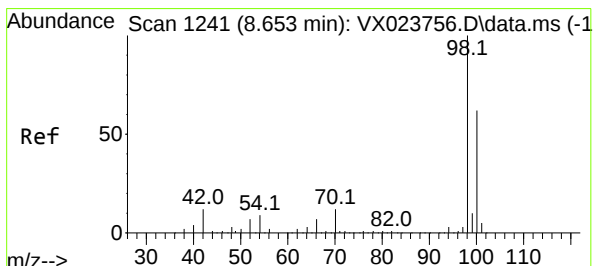
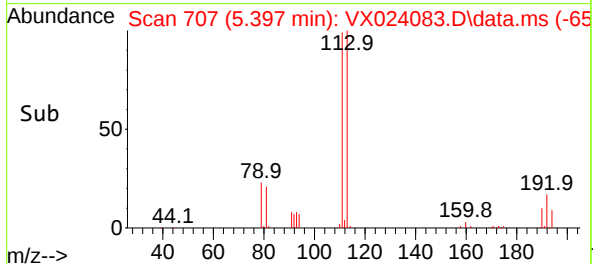
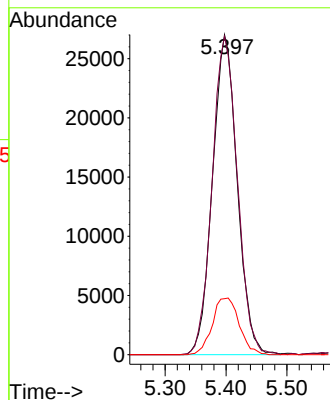
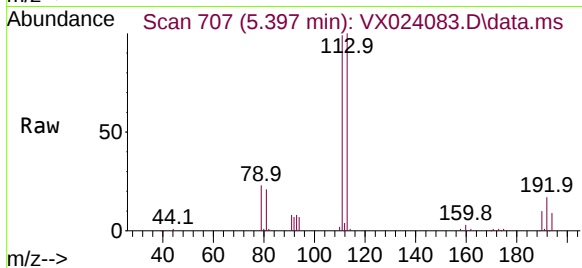
Tgt Ion:113 Resp: 76198

Ion Ratio Lower Upper

113 100

111 101.5 81.9 122.9

192 19.2 16.7 25.1



#50

Toluene-d8

Concen: 51.038 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX024083.D

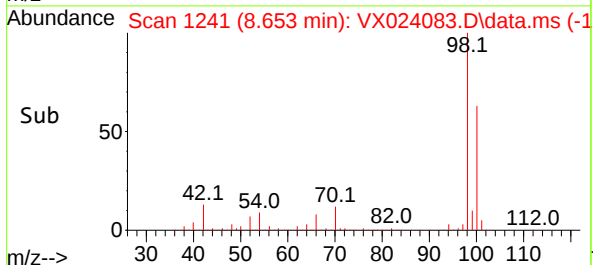
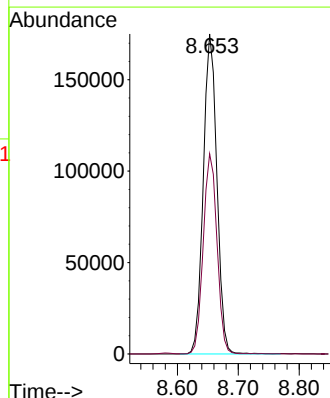
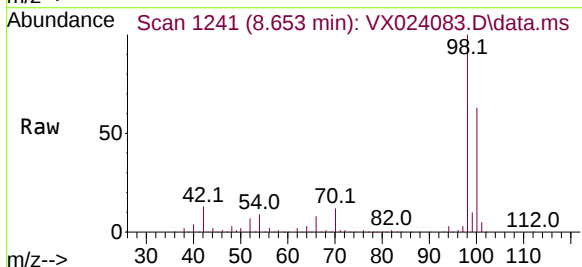
Acq: 02 Sep 2021 20:20

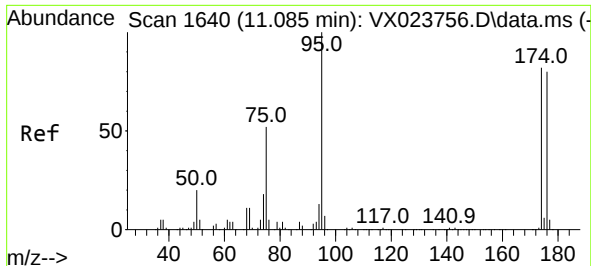
Tgt Ion: 98 Resp: 271995

Ion Ratio Lower Upper

98 100

100 63.1 51.9 77.9

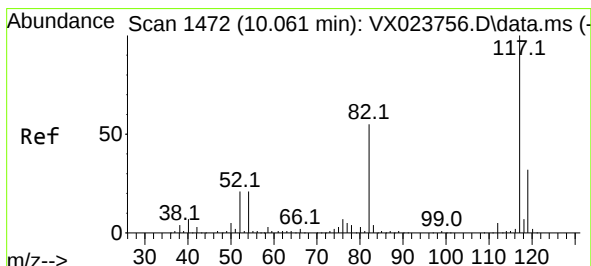
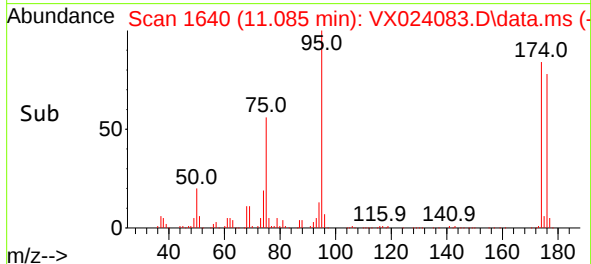
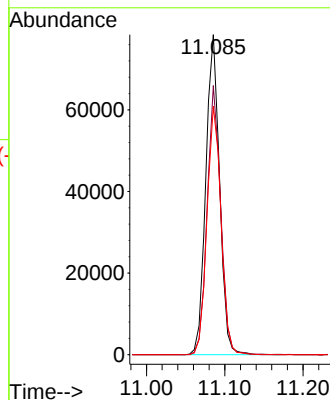
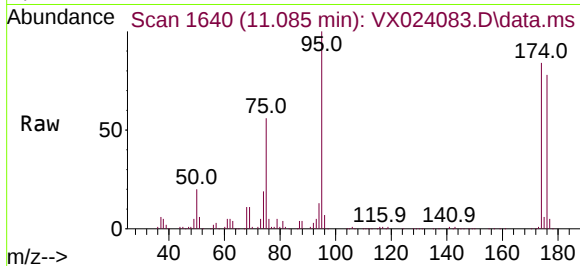




#62  
4-Bromofluorobenzene  
Concen: 48.672 ug/l  
RT: 11.085 min Scan# 1640  
Delta R.T. 0.000 min  
Lab File: VX024083.D  
Acq: 02 Sep 2021 20:20

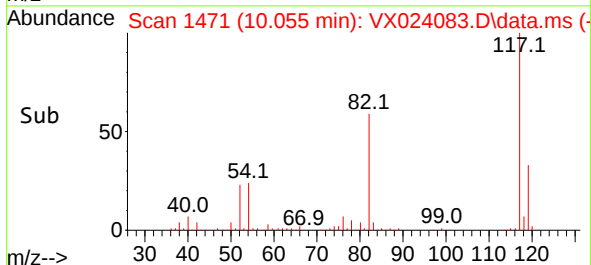
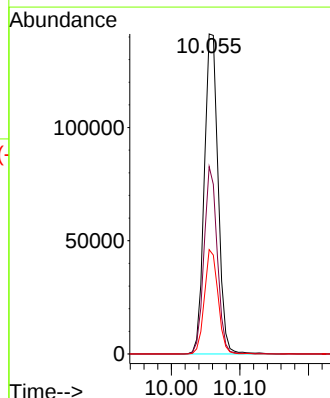
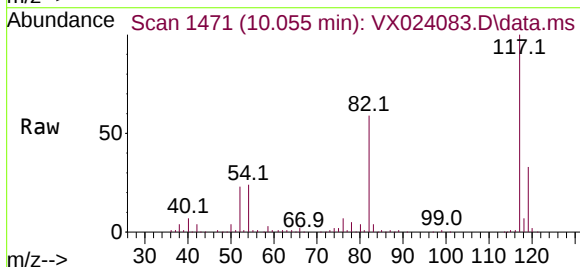
Instrument :  
MSVOA\_X  
ClientSampled :  
OF-1

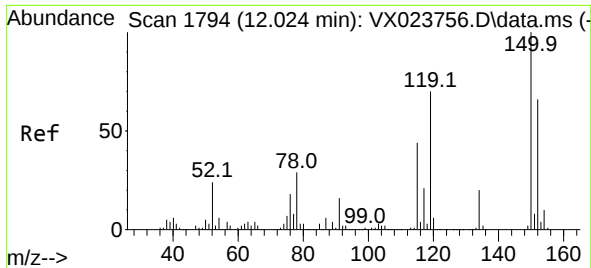
Tgt Ion: 95 Resp: 95487  
Ion Ratio Lower Upper  
95 100  
174 82.9 0.0 154.6  
176 79.2 0.0 155.8



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. -0.006 min  
Lab File: VX024083.D  
Acq: 02 Sep 2021 20:20

Tgt Ion: 117 Resp: 198495  
Ion Ratio Lower Upper  
117 100  
82 58.6 47.4 71.2  
119 32.6 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: VX024083.D  
 Acq: 02 Sep 2021 20:20

Instrument :  
 MSVOA\_X  
 ClientSampled :  
 OF-1

Tgt Ion:152 Resp: 85052  
 Ion Ratio Lower Upper  
 152 100  
 115 59.6 41.1 123.3  
 150 156.7 0.0 349.0

