

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX061124\  
 Data File : VX041821.D  
 Acq On : 11 Jun 2024 10:50  
 Operator : JC/MD  
 Sample : VX0611MBL01  
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA\_X/MEOH  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0611MBL01

Quant Time: Jun 12 05:55:46 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X052924W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu May 30 07:36:24 2024  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon  | Response | Conc     | Units | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|-------|----------|
| -----                       |        |       |          |          |       |          |
| Internal Standards          |        |       |          |          |       |          |
| 1) Pentafluorobenzene       | 5.544  | 168   | 153559   | 50.000   | ug/l  | # 0.00   |
| 34) 1,4-Difluorobenzene     | 6.757  | 114   | 243634   | 50.000   | ug/l  | 0.00     |
| 63) Chlorobenzene-d5        | 10.055 | 117   | 245785   | 50.000   | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.018 | 152   | 128483   | 50.000   | ug/l  | 0.00     |
| System Monitoring Compounds |        |       |          |          |       |          |
| 33) 1,2-Dichloroethane-d4   | 5.952  | 65    | 92691    | 49.216   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | =     | 98.440%  |
| 35) Dibromofluoromethane    | 5.379  | 113   | 76474    | 45.399   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =     | 90.800%  |
| 50) Toluene-d8              | 8.647  | 98    | 293832   | 49.923   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | =     | 99.840%  |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 113187   | 52.104   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =     | 104.200% |

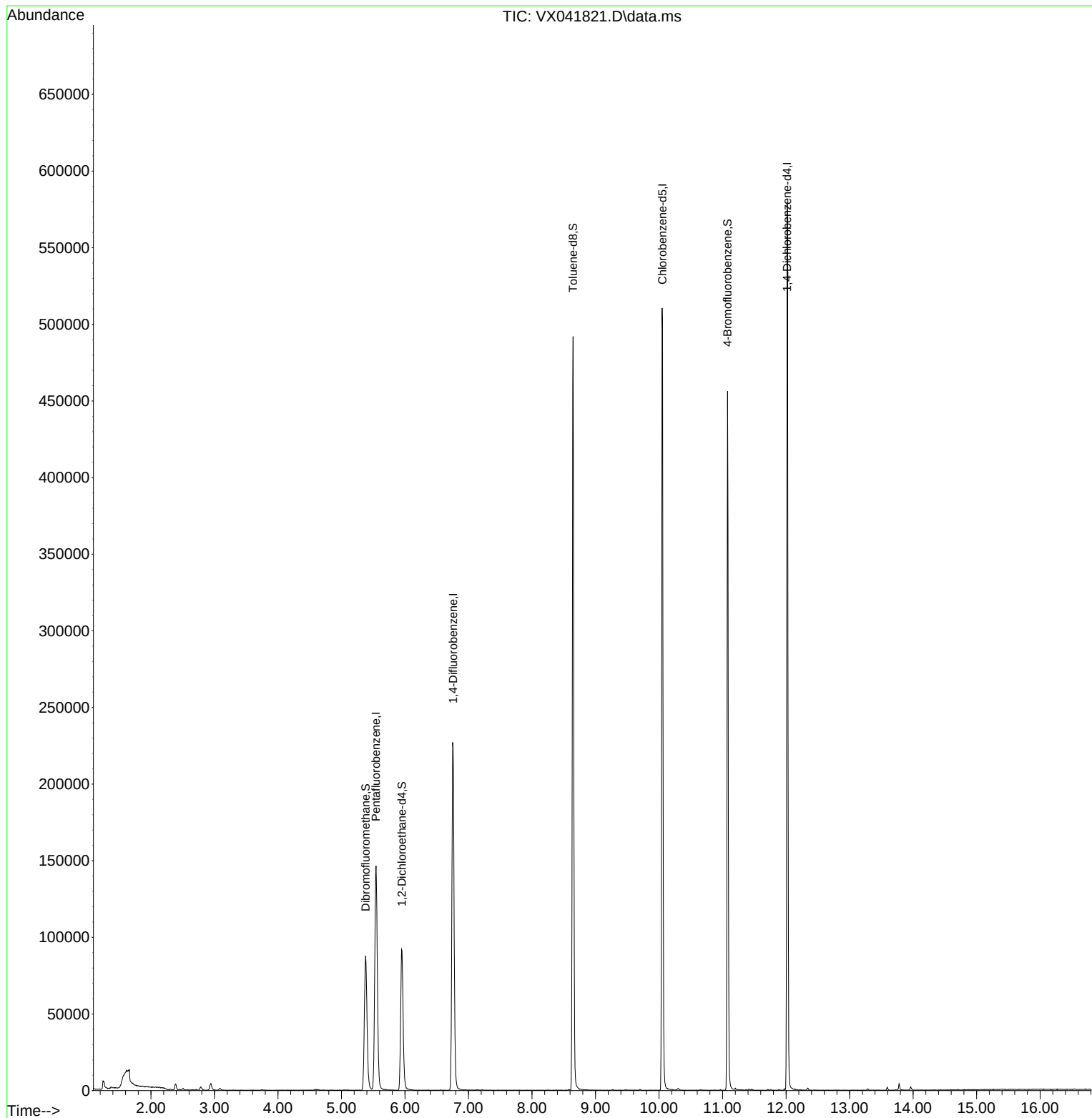
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

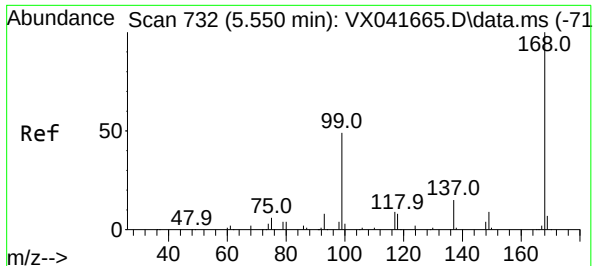
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 2 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0611MBL01

Quant Time: Jun 12 05:55:46 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X052924W.M  
Quant Title : SW846 8260  
QLast Update : Thu May 30 07:36:24 2024  
Response via : Initial Calibration

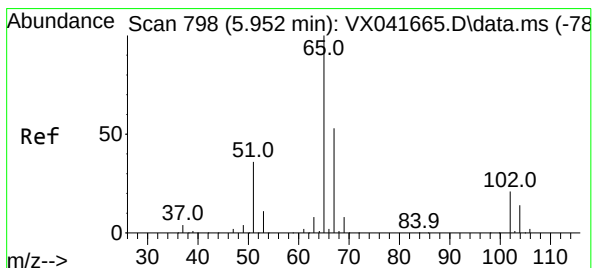
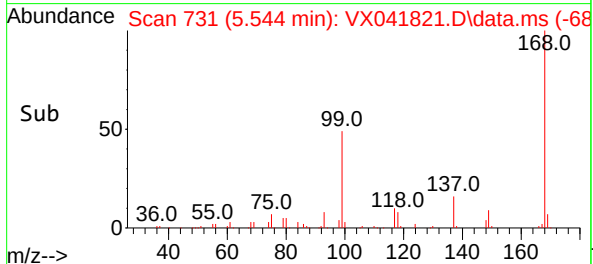
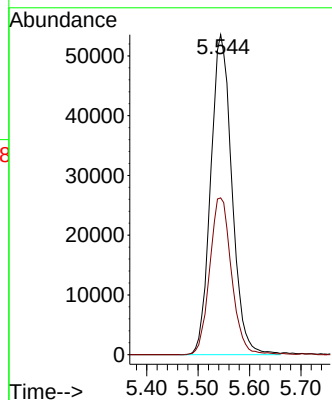
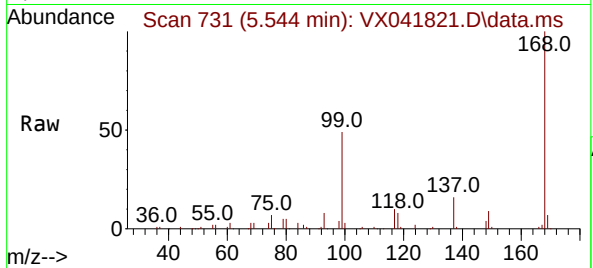




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.544 min Scan# 731  
Delta R.T. -0.006 min  
Lab File: VX041821.D  
Acq: 11 Jun 2024 10:50

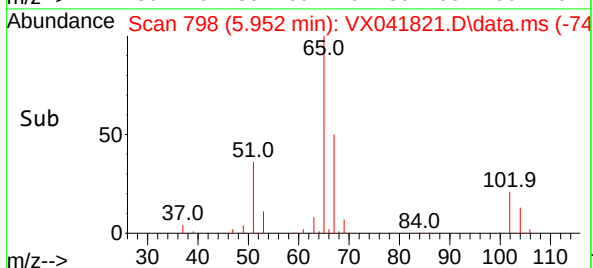
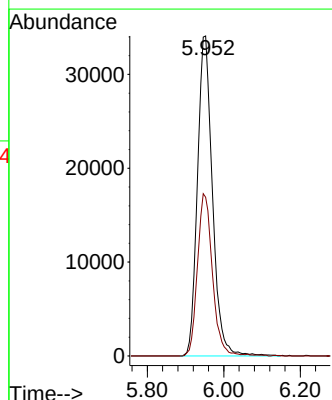
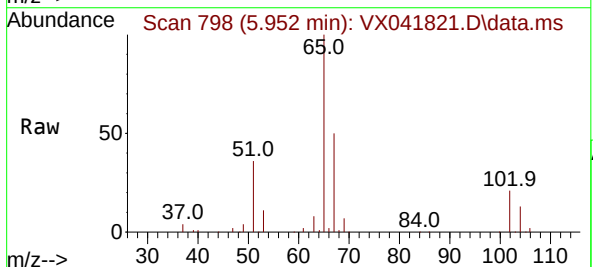
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0611MBL01

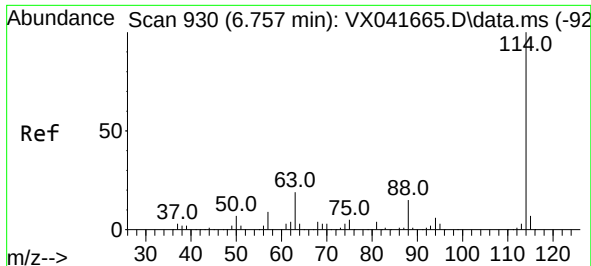
Tgt Ion:168 Resp: 153559  
Ion Ratio Lower Upper  
168 100  
99 49.0 56.6 85.0#



#33  
1,2-Dichloroethane-d4  
Concen: 49.216 ug/l  
RT: 5.952 min Scan# 798  
Delta R.T. 0.000 min  
Lab File: VX041821.D  
Acq: 11 Jun 2024 10:50

Tgt Ion: 65 Resp: 92691  
Ion Ratio Lower Upper  
65 100  
67 50.9 0.0 100.2

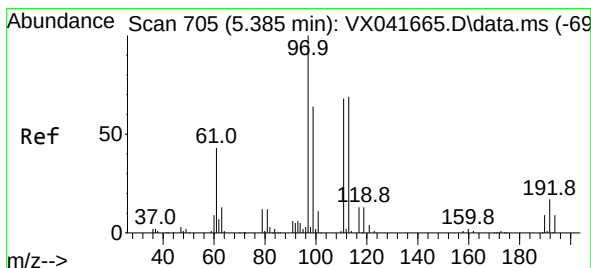
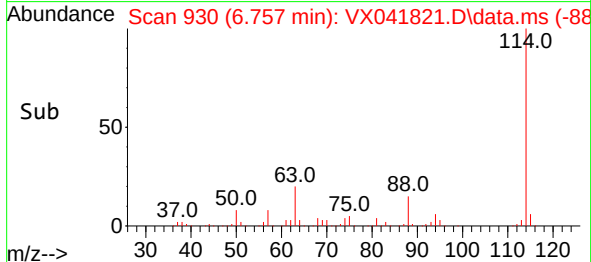
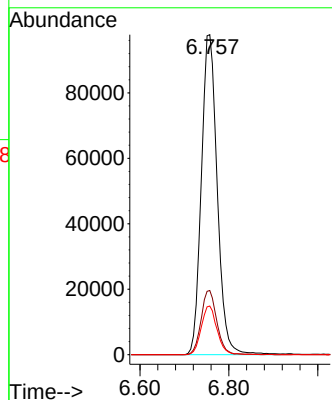
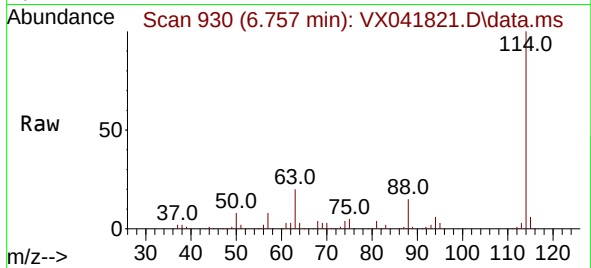




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.757 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: VX041821.D  
Acq: 11 Jun 2024 10:50

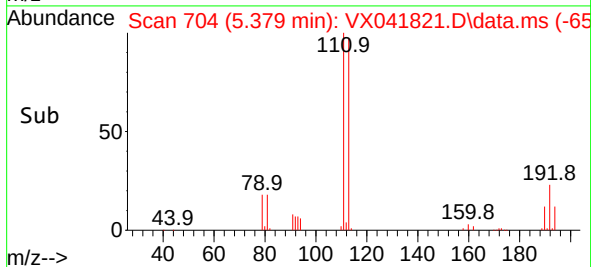
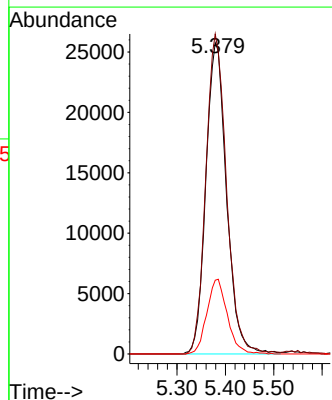
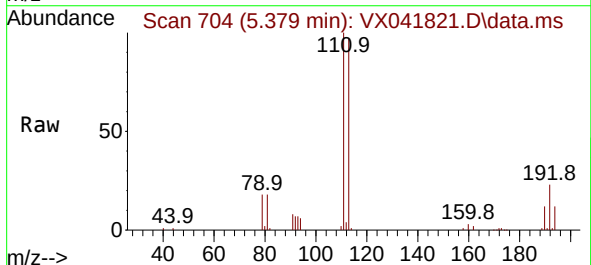
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0611MBL01

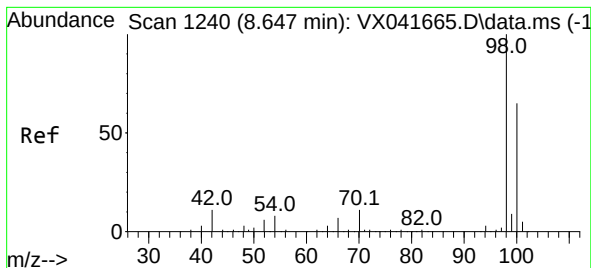
Tgt Ion:114 Resp: 243634  
Ion Ratio Lower Upper  
114 100  
63 20.1 0.0 45.0  
88 15.2 0.0 36.6



#35  
Dibromofluoromethane  
Concen: 45.399 ug/l  
RT: 5.379 min Scan# 704  
Delta R.T. -0.006 min  
Lab File: VX041821.D  
Acq: 11 Jun 2024 10:50

Tgt Ion:113 Resp: 76474  
Ion Ratio Lower Upper  
113 100  
111 103.2 82.9 124.3  
192 23.8 13.3 19.9#





#50

Toluene-d8

Concen: 49.923 ug/l

RT: 8.647 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX041821.D

Acq: 11 Jun 2024 10:50

Instrument :

MSVOA\_X

ClientSampleId :

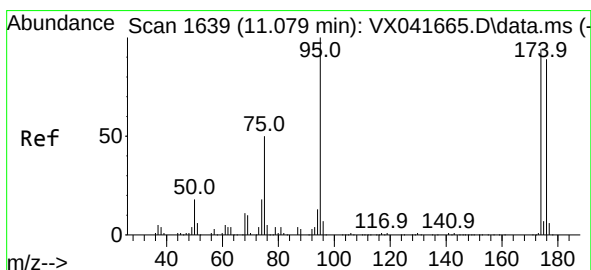
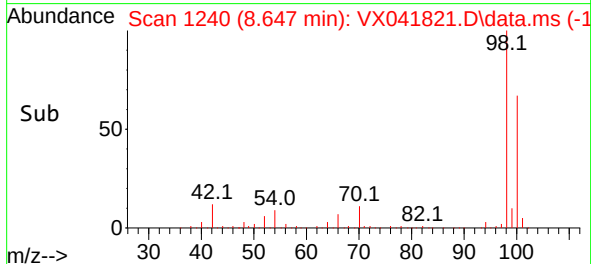
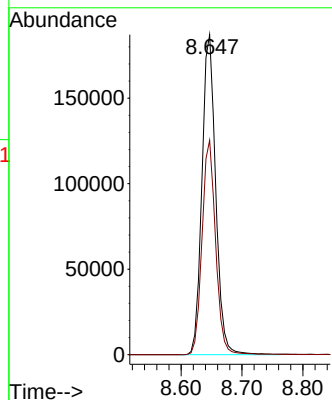
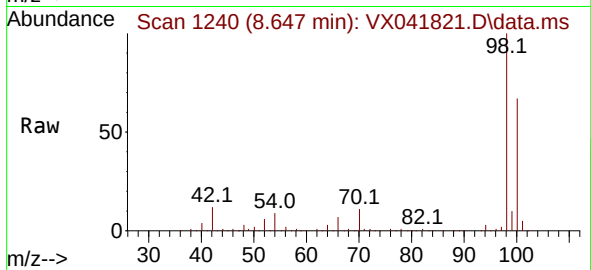
VX0611MBL01

Tgt Ion: 98 Resp: 293832

Ion Ratio Lower Upper

98 100

100 66.2 53.1 79.7



#62

4-Bromofluorobenzene

Concen: 52.104 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX041821.D

Acq: 11 Jun 2024 10:50

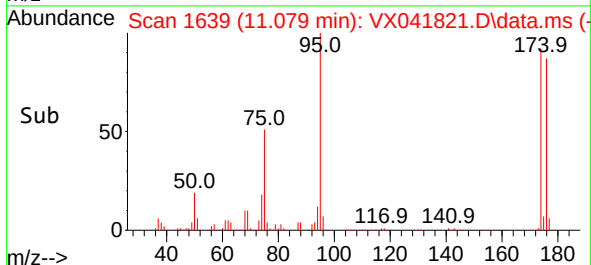
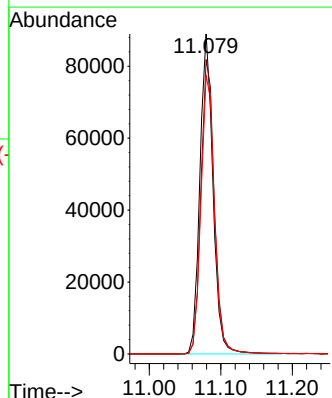
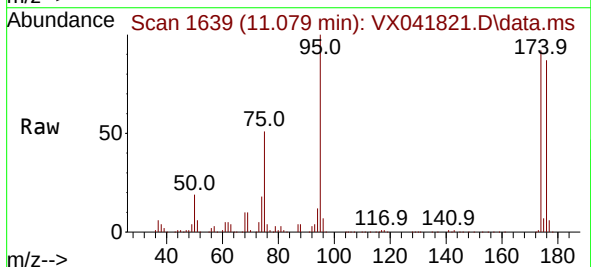
Tgt Ion: 95 Resp: 113187

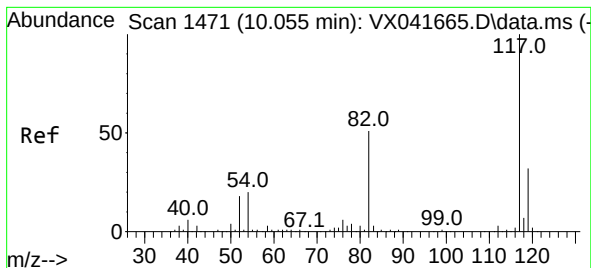
Ion Ratio Lower Upper

95 100

174 95.1 0.0 135.6

176 89.9 0.0 131.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX041821.D

Acq: 11 Jun 2024 10:50

Instrument :

MSVOA\_X

ClientSampleId :

VX0611MBL01

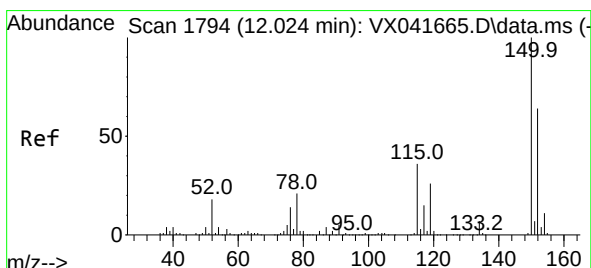
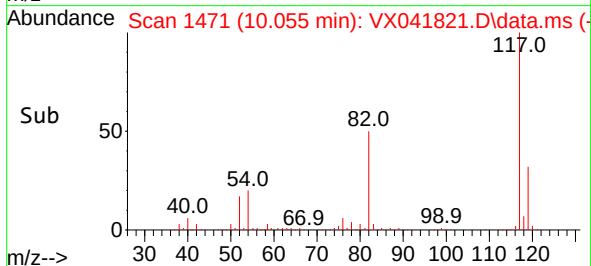
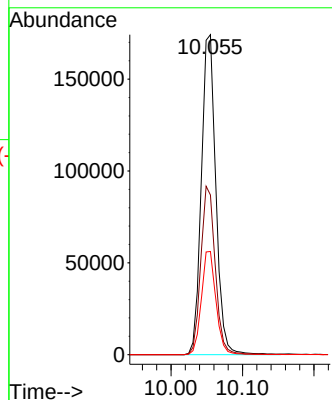
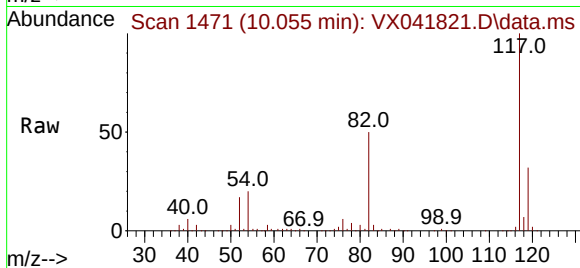
Tgt Ion:117 Resp: 245785

Ion Ratio Lower Upper

117 100

82 49.9 46.2 69.4

119 32.2 25.5 38.3



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. -0.006 min

Lab File: VX041821.D

Acq: 11 Jun 2024 10:50

Tgt Ion:152 Resp: 128483

Ion Ratio Lower Upper

152 100

115 54.1 43.3 129.9

150 153.3 0.0 345.0

