

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX092723\  
 Data File : VX037927.D  
 Acq On : 27 Sep 2023 16:26  
 Operator : JC/MD  
 Sample : IBLK  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 IBLK

Quant Time: Sep 28 01:24:10 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X091523W.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Sep 16 04:55:44 2023  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 5.556  | 168  | 249659   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.763  | 114  | 418444   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.055 | 117  | 397319   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.024 | 152  | 206187   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |         |
|-----------------------------|--------|-------|----------|----------|------|---------|
| System Monitoring Compounds |        |       |          |          |      |         |
| 33) 1,2-Dichloroethane-d4   | 5.958  | 65    | 150735   | 45.954   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | =    | 91.900% |
| 35) Dibromofluoromethane    | 5.385  | 113   | 127164   | 45.418   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =    | 90.840% |
| 50) Toluene-d8              | 8.647  | 98    | 500945   | 48.153   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | =    | 96.300% |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 185116   | 48.969   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =    | 97.940% |

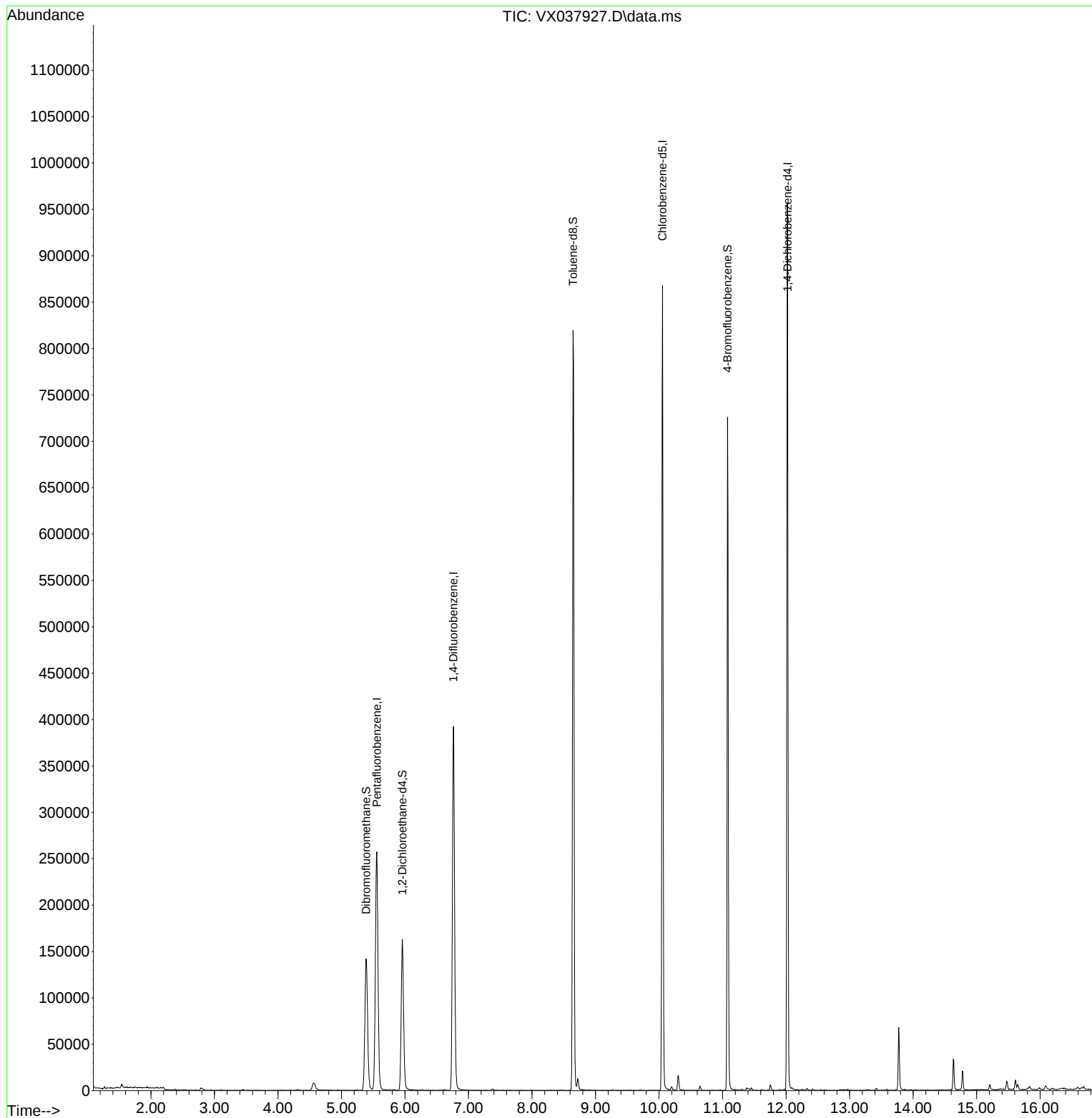
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

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

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Quant Title : SW846 8260  
QLast Update : Sat Sep 16 04:55:44 2023  
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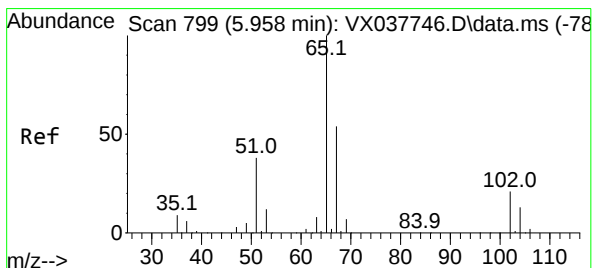
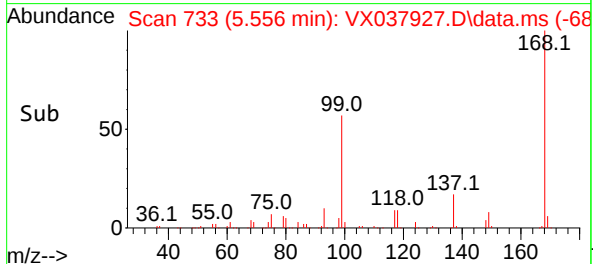
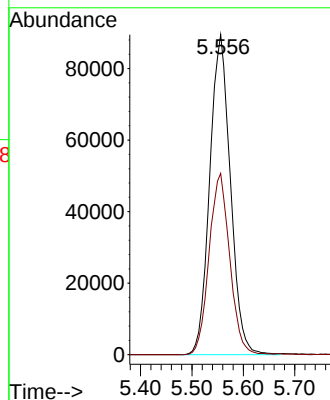
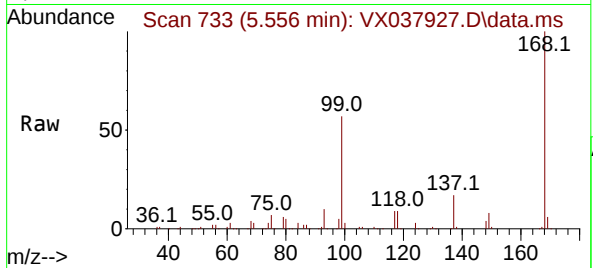




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.556 min Scan# 733  
Delta R.T. 0.006 min  
Lab File: VX037927.D  
Acq: 27 Sep 2023 16:26

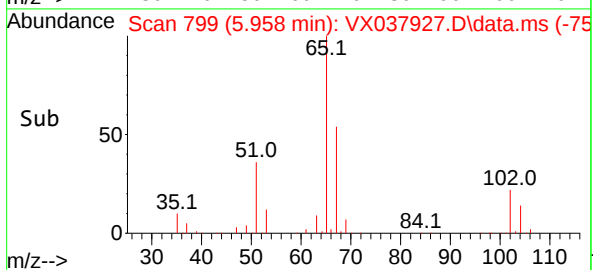
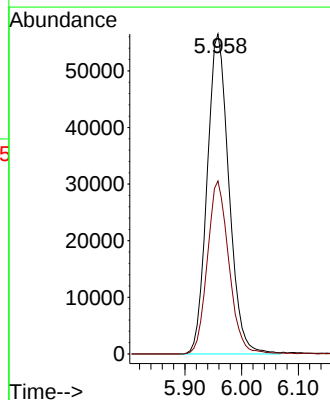
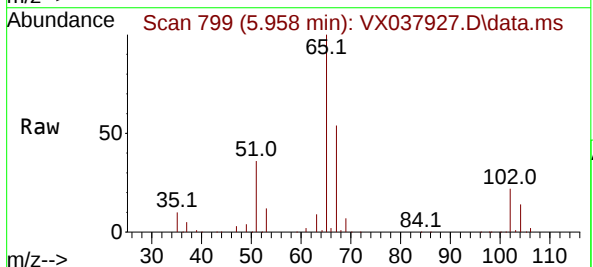
Instrument :  
MSVOA\_X  
ClientSampleId :  
IBLK

Tgt Ion:168 Resp: 249659  
Ion Ratio Lower Upper  
168 100  
99 56.7 56.6 85.0



#33  
1,2-Dichloroethane-d4  
Concen: 45.954 ug/l  
RT: 5.958 min Scan# 799  
Delta R.T. 0.000 min  
Lab File: VX037927.D  
Acq: 27 Sep 2023 16:26

Tgt Ion: 65 Resp: 150735  
Ion Ratio Lower Upper  
65 100  
67 53.5 0.0 100.2

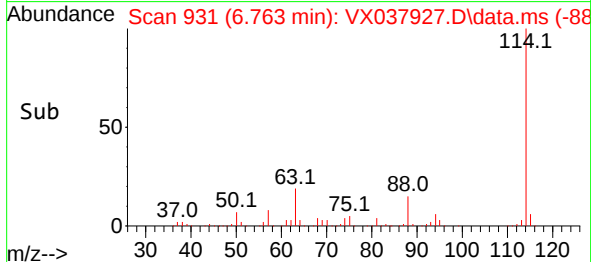
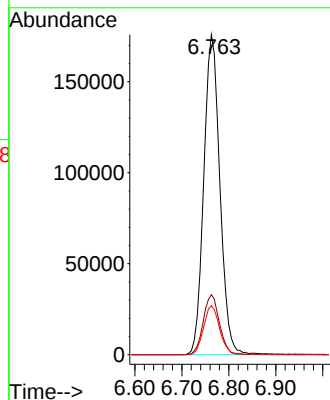
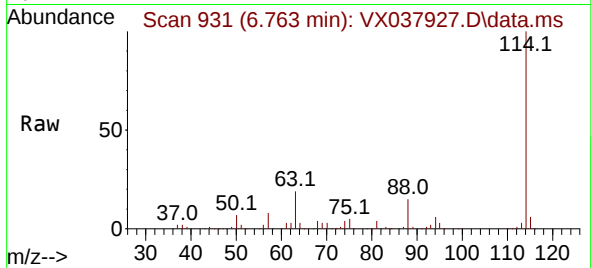




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.763 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VX037927.D  
Acq: 27 Sep 2023 16:26

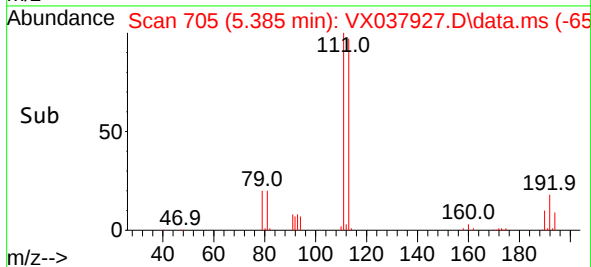
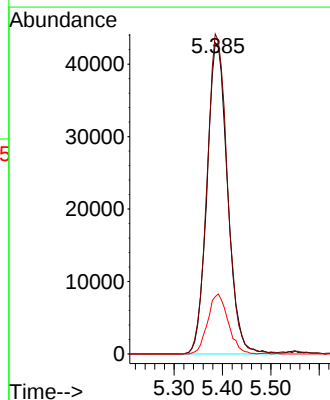
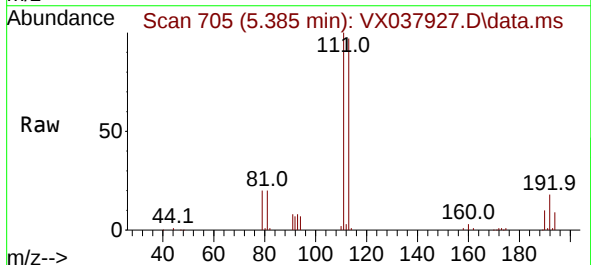
Instrument :  
MSVOA\_X  
ClientSampleId :  
IBLK

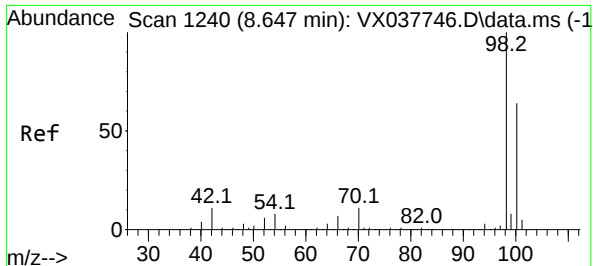
Tgt Ion:114 Resp: 418444  
Ion Ratio Lower Upper  
114 100  
63 18.7 0.0 45.0  
88 15.3 0.0 36.6



#35  
Dibromofluoromethane  
Concen: 45.418 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. 0.000 min  
Lab File: VX037927.D  
Acq: 27 Sep 2023 16:26

Tgt Ion:113 Resp: 127164  
Ion Ratio Lower Upper  
113 100  
111 102.2 82.9 124.3  
192 19.1 13.3 19.9





#50

Toluene-d8

Concen: 48.153 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX037927.D

Acq: 27 Sep 2023 16:26

Instrument :

MSVOA\_X

ClientSampleId :

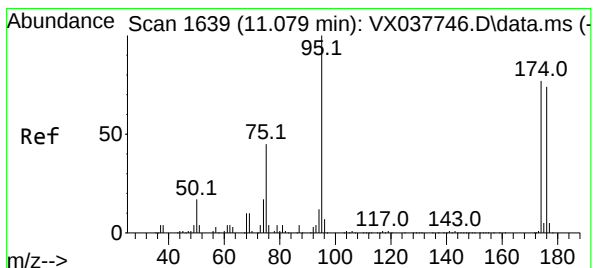
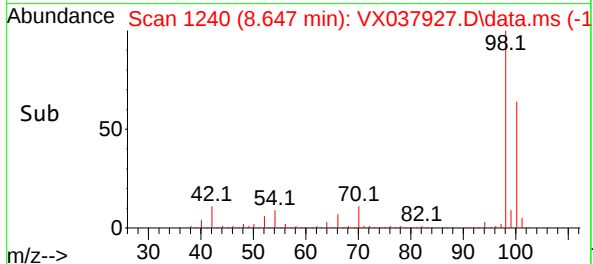
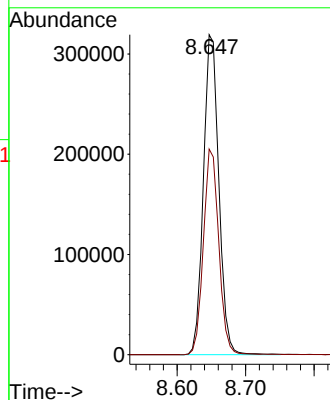
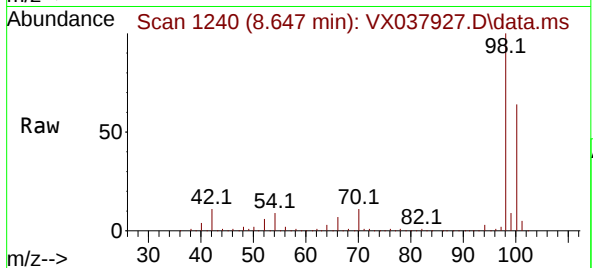
IBLK

Tgt Ion: 98 Resp: 500945

Ion Ratio Lower Upper

98 100

100 64.1 53.1 79.7



#62

4-Bromofluorobenzene

Concen: 48.969 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX037927.D

Acq: 27 Sep 2023 16:26

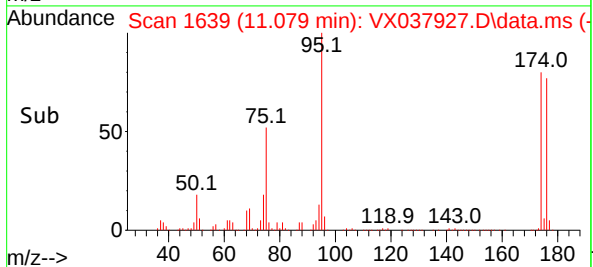
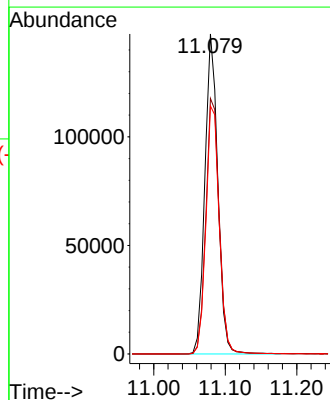
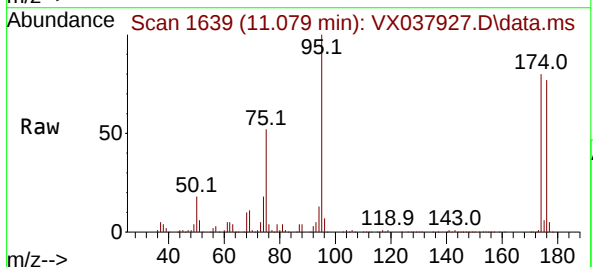
Tgt Ion: 95 Resp: 185116

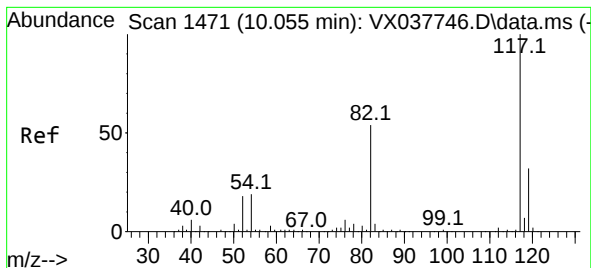
Ion Ratio Lower Upper

95 100

174 83.1 0.0 135.6

176 80.3 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: VX037927.D

Acq: 27 Sep 2023 16:26

Instrument :

MSVOA\_X

ClientSampleId :

IBLK

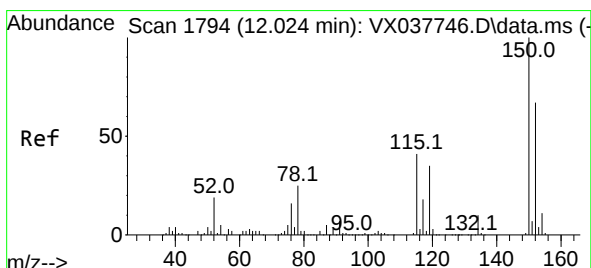
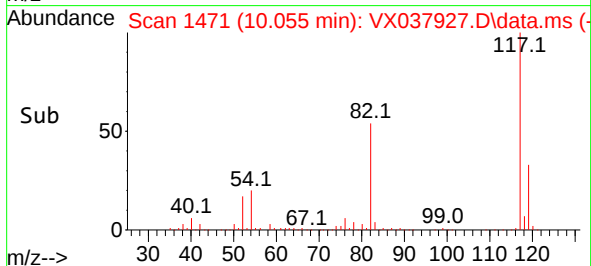
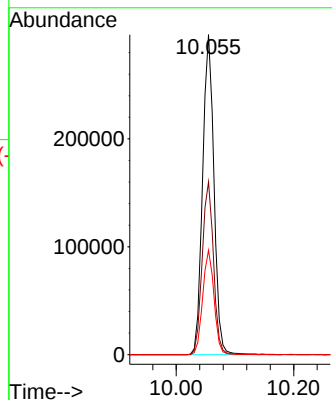
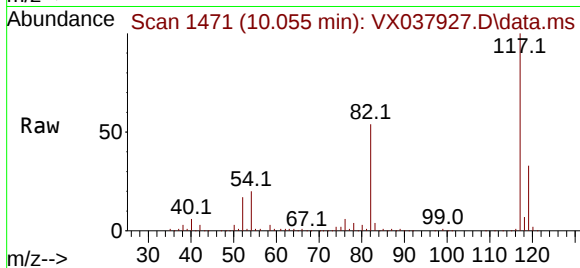
Tgt Ion:117 Resp: 397319

Ion Ratio Lower Upper

117 100

82 54.0 46.2 69.4

119 32.6 25.5 38.3



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VX037927.D

Acq: 27 Sep 2023 16:26

Tgt Ion:152 Resp: 206187

Ion Ratio Lower Upper

152 100

115 59.6 43.3 129.9

150 157.8 0.0 345.0

