

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX060425\  
 Data File : VX046503.D  
 Acq On : 04 Jun 2025 16:13  
 Operator : JC/MD  
 Sample : IBLK  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 IBLK

Quant Time: Jun 05 01:59:30 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X050525W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue May 06 07:12:22 2025  
 Response via : Initial Calibration

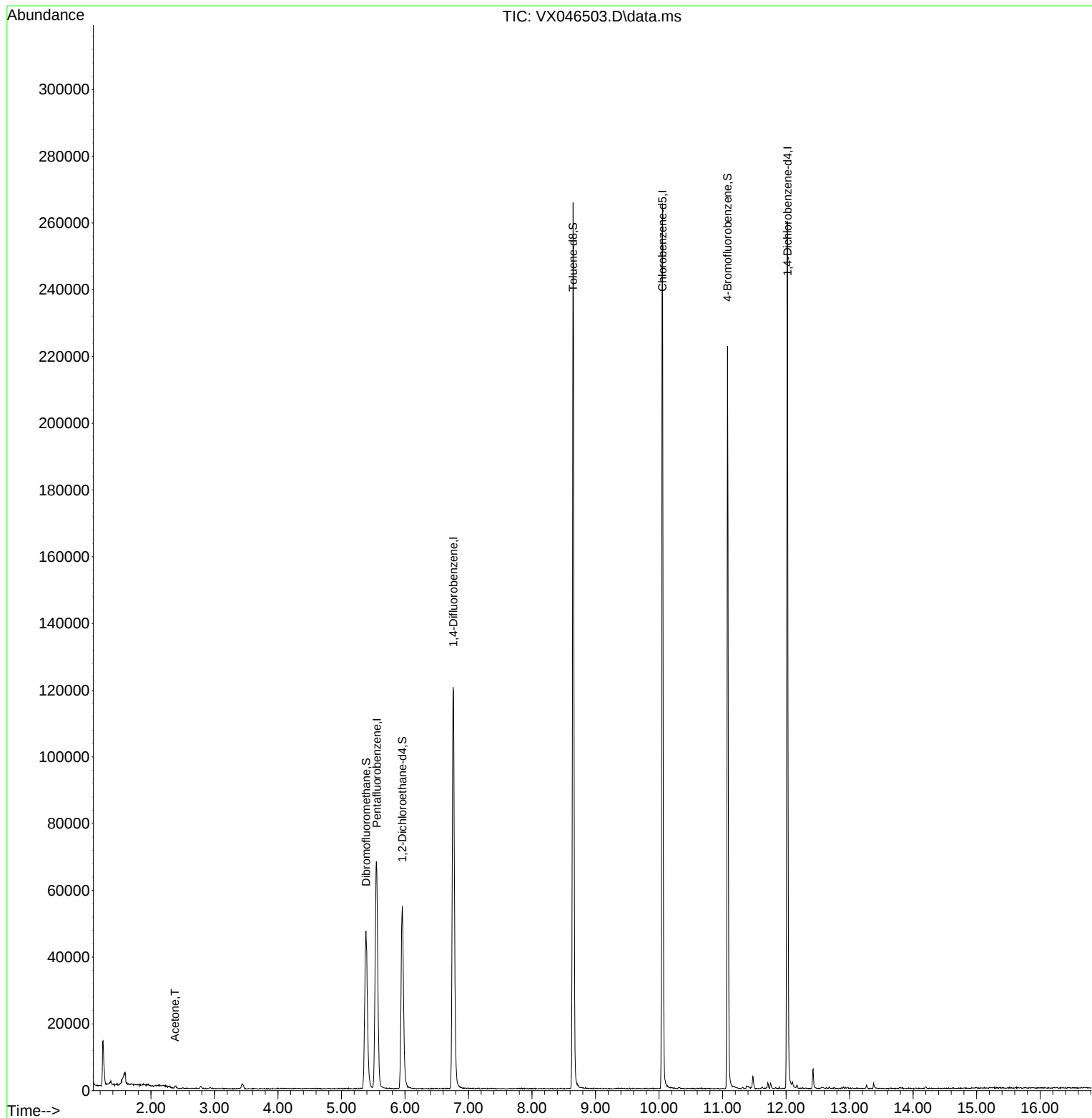
| Compound                    | R.T.   | QIon  | Response | Conc     | Units      | Dev(Min)  |
|-----------------------------|--------|-------|----------|----------|------------|-----------|
| -----                       |        |       |          |          |            |           |
| Internal Standards          |        |       |          |          |            |           |
| 1) Pentafluorobenzene       | 5.556  | 168   | 58926    | 50.000   | ug/l       | 0.01      |
| 34) 1,4-Difluorobenzene     | 6.763  | 114   | 116041   | 50.000   | ug/l       | 0.00      |
| 63) Chlorobenzene-d5        | 10.055 | 117   | 111517   | 50.000   | ug/l       | 0.00      |
| 72) 1,4-Dichlorobenzene-d4  | 12.024 | 152   | 47720    | 50.000   | ug/l       | 0.00      |
| System Monitoring Compounds |        |       |          |          |            |           |
| 33) 1,2-Dichloroethane-d4   | 5.958  | 65    | 57218    | 52.084   | ug/l       | 0.00      |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | = 104.160% |           |
| 35) Dibromofluoromethane    | 5.385  | 113   | 42278    | 50.595   | ug/l       | 0.00      |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | = 101.180% |           |
| 50) Toluene-d8              | 8.647  | 98    | 145582   | 50.336   | ug/l       | 0.00      |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | = 100.680% |           |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 57719    | 52.027   | ug/l       | 0.00      |
| Spiked Amount               | 50.000 | Range | 77 - 121 | Recovery | = 104.060% |           |
| Target Compounds            |        |       |          |          |            |           |
| 16) Acetone                 | 2.380  | 43    | 910      | 2.066    | ug/l       | Qvalue 99 |
| -----                       |        |       |          |          |            |           |

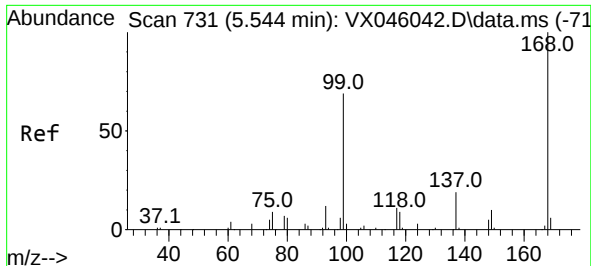
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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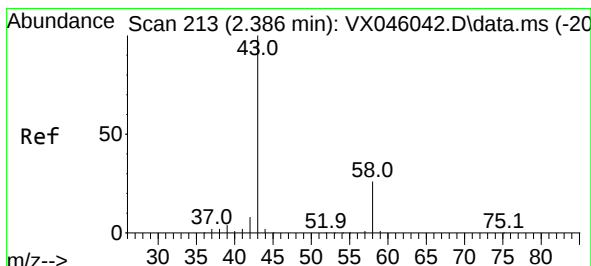
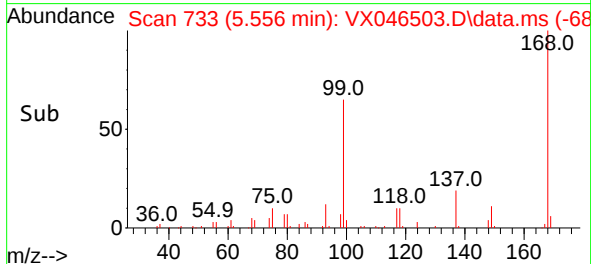
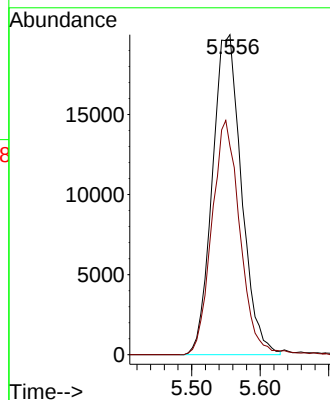
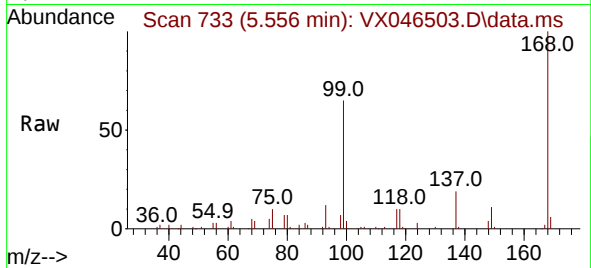




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.556 min Scan# 71  
Delta R.T. 0.012 min  
Lab File: VX046503.D  
Acq: 04 Jun 2025 16:13

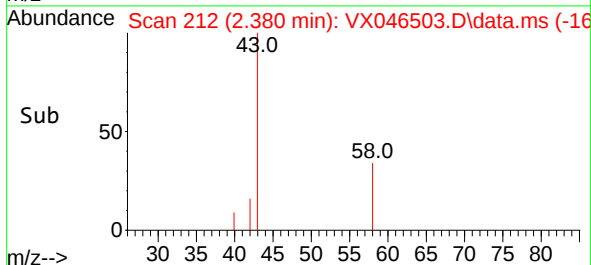
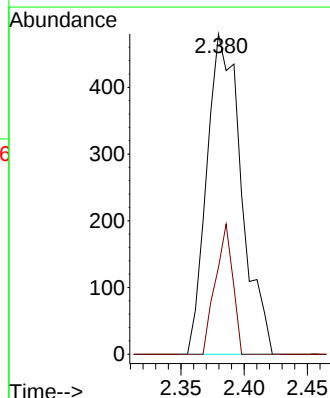
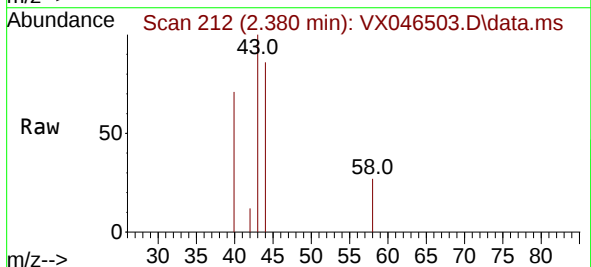
Instrument :  
MSVOA\_X  
ClientSampleId :  
IBLK

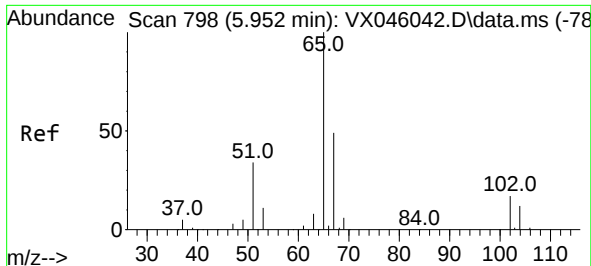
Tgt Ion:168 Resp: 58926  
Ion Ratio Lower Upper  
168 100  
99 65.2 54.9 82.3



#16  
Acetone  
Concen: 2.066 ug/l  
RT: 2.380 min Scan# 212  
Delta R.T. -0.006 min  
Lab File: VX046503.D  
Acq: 04 Jun 2025 16:13

Tgt Ion: 43 Resp: 910  
Ion Ratio Lower Upper  
43 100  
58 27.1 21.2 31.8

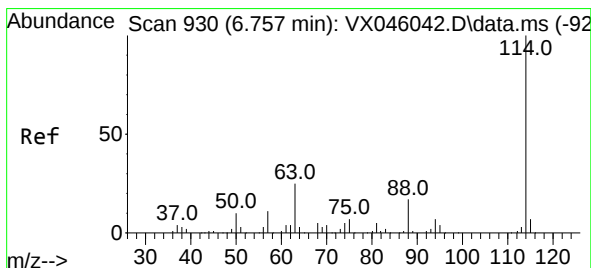
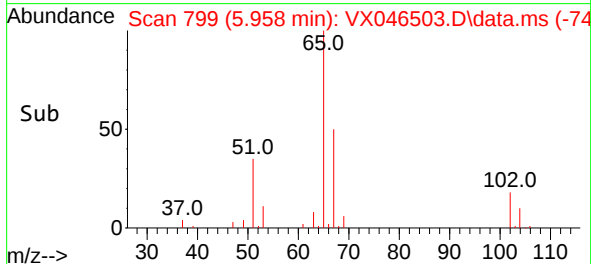
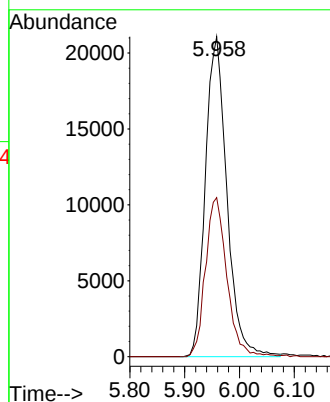
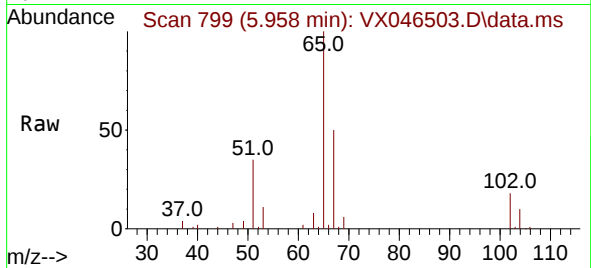




#33  
 1,2-Dichloroethane-d4  
 Concen: 52.084 ug/l  
 RT: 5.958 min Scan# 798  
 Delta R.T. 0.006 min  
 Lab File: VX046503.D  
 Acq: 04 Jun 2025 16:13

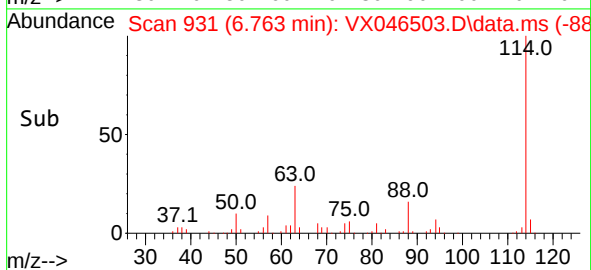
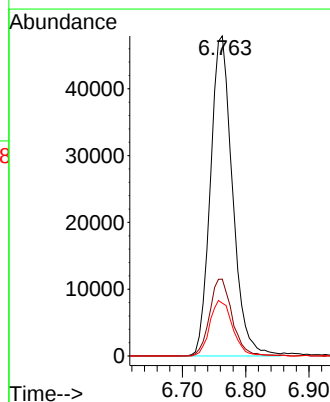
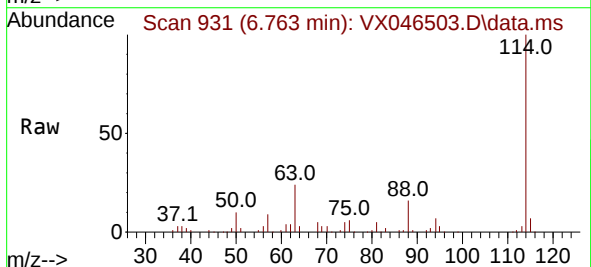
Instrument :  
 MSVOA\_X  
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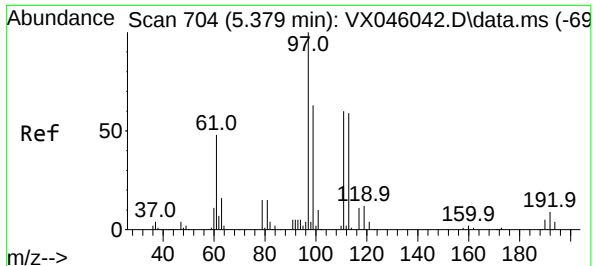
Tgt Ion: 65 Resp: 57218  
 Ion Ratio Lower Upper  
 65 100  
 67 49.6 0.0 99.0



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 6.763 min Scan# 931  
 Delta R.T. 0.006 min  
 Lab File: VX046503.D  
 Acq: 04 Jun 2025 16:13

Tgt Ion: 114 Resp: 116041  
 Ion Ratio Lower Upper  
 114 100  
 63 24.0 0.0 49.2  
 88 16.5 0.0 33.6

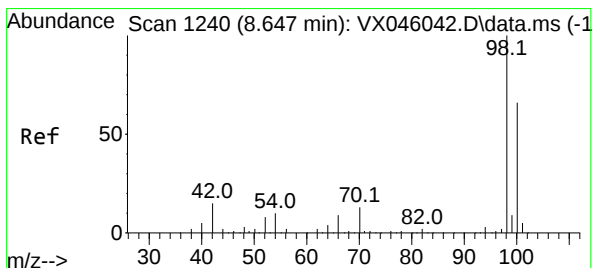
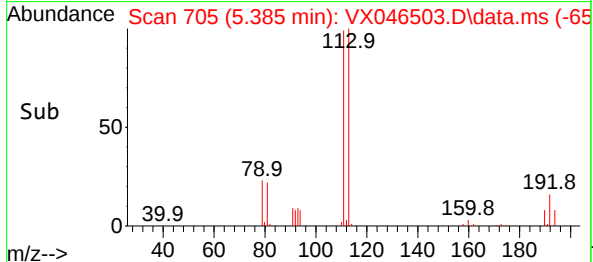
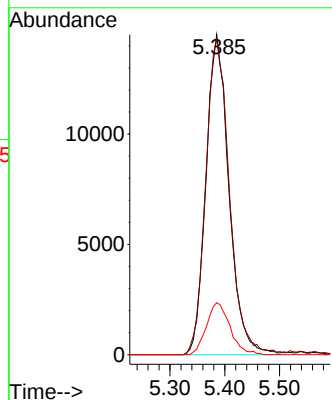
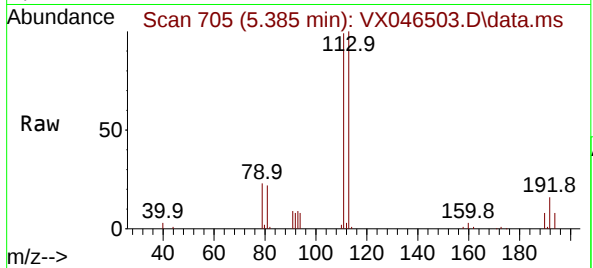




#35  
Dibromofluoromethane  
Concen: 50.595 ug/l  
RT: 5.385 min Scan# 704  
Delta R.T. 0.006 min  
Lab File: VX046503.D  
Acq: 04 Jun 2025 16:13

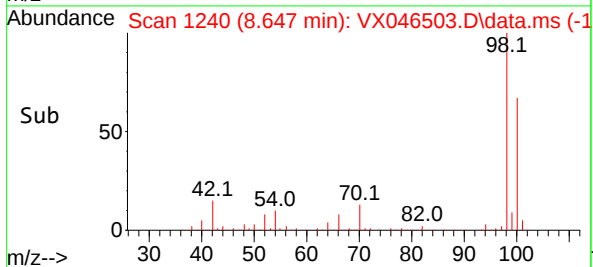
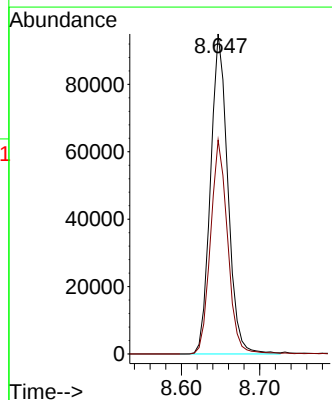
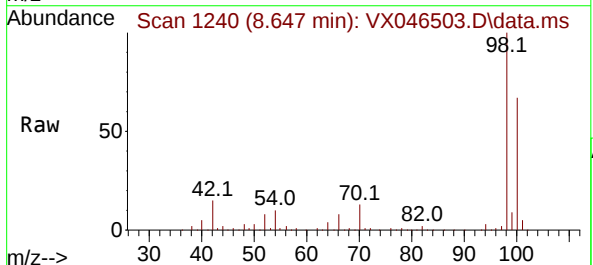
Instrument :  
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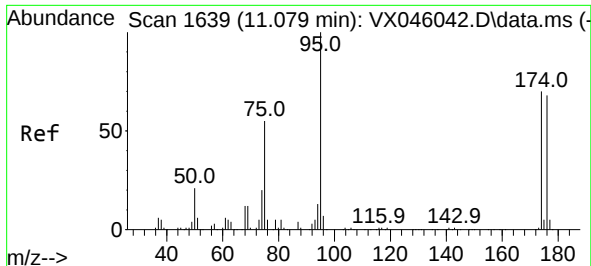
Tgt Ion:113 Resp: 42278  
Ion Ratio Lower Upper  
113 100  
111 101.5 83.1 124.7  
192 16.6 13.3 19.9



#50  
Toluene-d8  
Concen: 50.336 ug/l  
RT: 8.647 min Scan# 1240  
Delta R.T. -0.000 min  
Lab File: VX046503.D  
Acq: 04 Jun 2025 16:13

Tgt Ion: 98 Resp: 145582  
Ion Ratio Lower Upper  
98 100  
100 66.0 53.5 80.3





#62

4-Bromofluorobenzene

Concen: 52.027 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX046503.D

Acq: 04 Jun 2025 16:13

Instrument :

MSVOA\_X

ClientSampleId :

IBLK

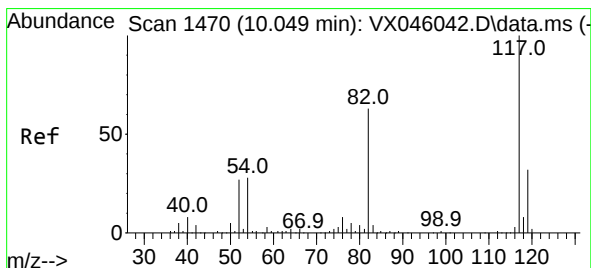
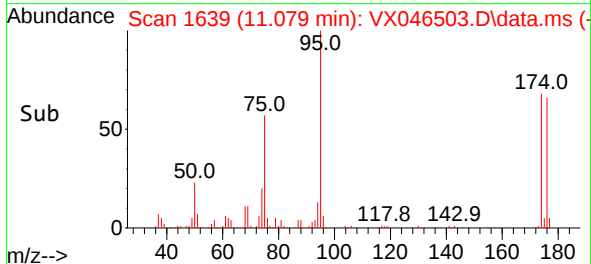
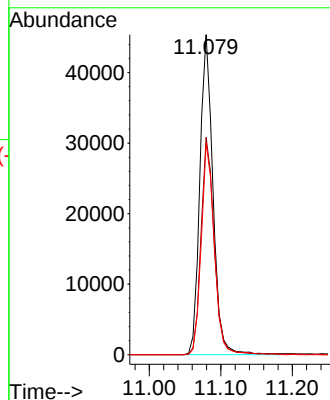
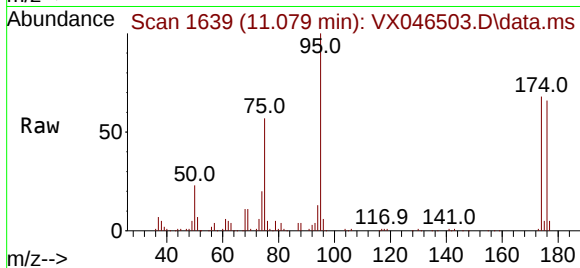
Tgt Ion: 95 Resp: 57719

Ion Ratio Lower Upper

95 100

174 68.6 0.0 135.8

176 66.0 0.0 131.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.006 min

Lab File: VX046503.D

Acq: 04 Jun 2025 16:13

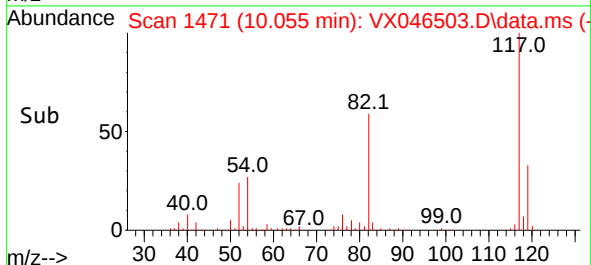
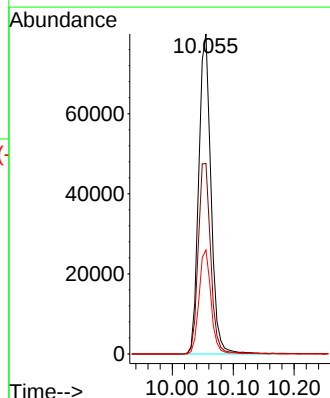
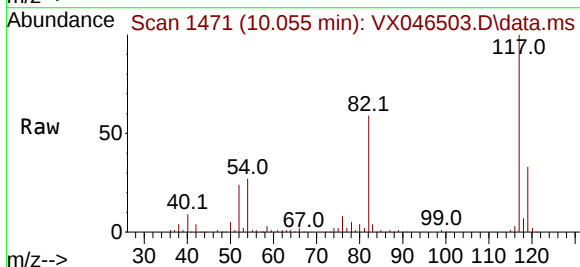
Tgt Ion: 117 Resp: 111517

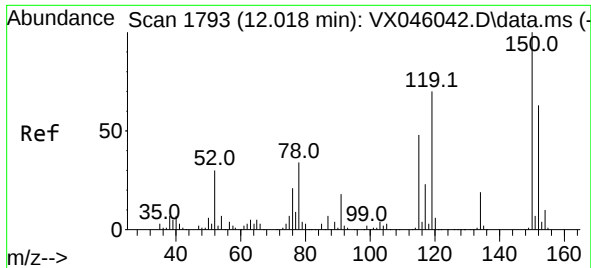
Ion Ratio Lower Upper

117 100

82 59.5 50.6 76.0

119 32.5 25.8 38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX046503.D

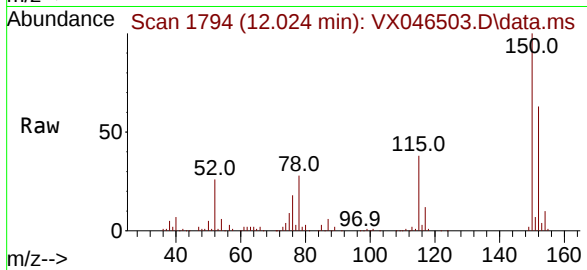
Acq: 04 Jun 2025 16:13

Instrument :

MSVOA\_X

ClientSampleId :

IBLK



Tgt Ion:152 Resp: 47720

Ion Ratio Lower Upper

152 100

115 67.7 46.9 140.7

150 159.9 0.0 351.0

