

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX061225\  
 Data File : VX046665.D  
 Acq On : 12 Jun 2025 15:46  
 Operator : JC/MD  
 Sample : Q2275-01  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 OW-08B-72.5-060925

Quant Time: Jun 13 01:45:18 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X060625W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Jun 06 16:56:12 2025  
 Response via : Initial Calibration

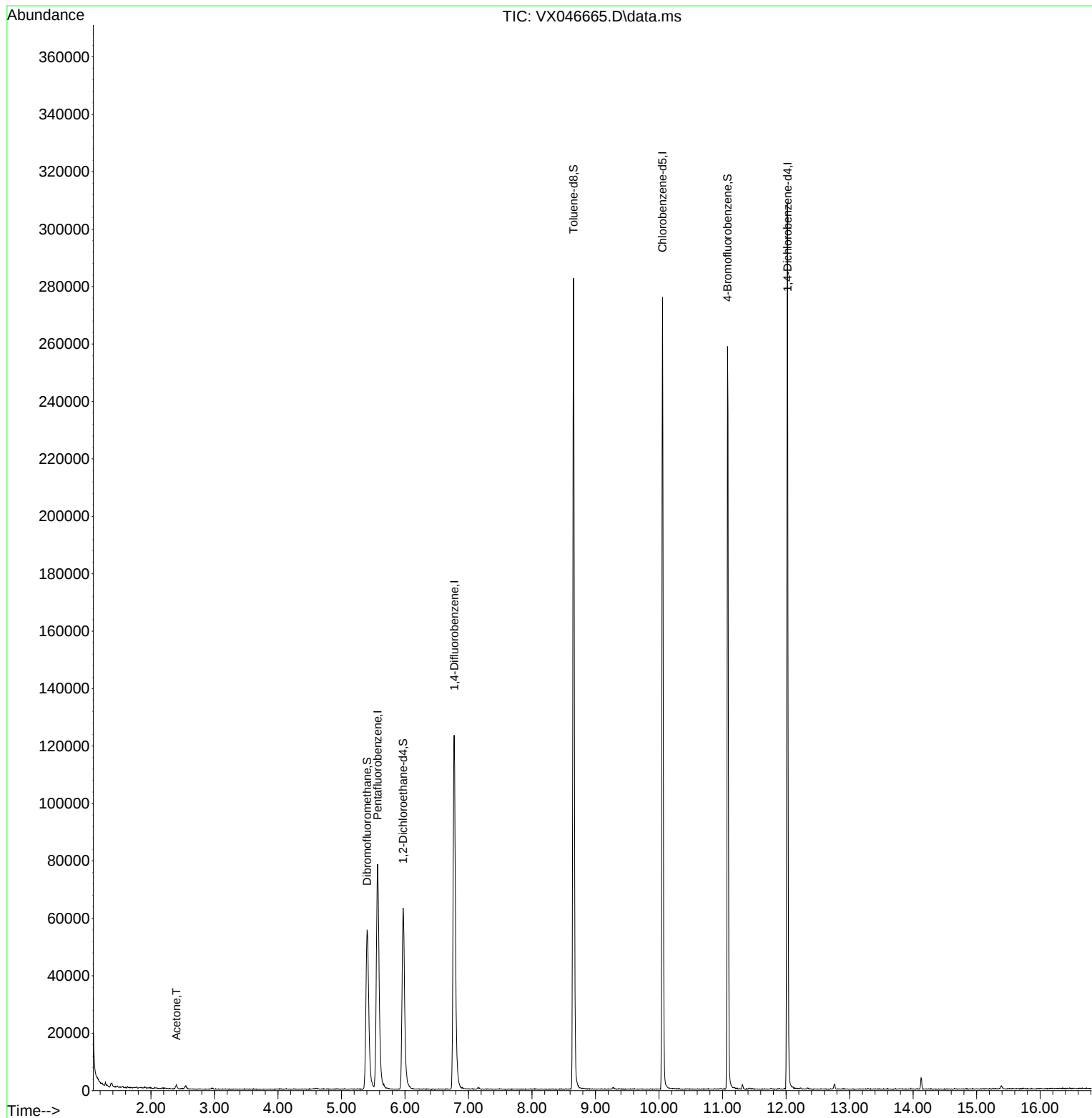
| Compound                    | R.T.   | QIon  | Response | Conc     | Units      | Dev(Min)    |
|-----------------------------|--------|-------|----------|----------|------------|-------------|
| -----                       |        |       |          |          |            |             |
| Internal Standards          |        |       |          |          |            |             |
| 1) Pentafluorobenzene       | 5.568  | 168   | 75942    | 50.000   | ug/l       | 0.00        |
| 34) 1,4-Difluorobenzene     | 6.775  | 114   | 133627   | 50.000   | ug/l       | 0.00        |
| 63) Chlorobenzene-d5        | 10.055 | 117   | 120396   | 50.000   | ug/l       | 0.00        |
| 72) 1,4-Dichlorobenzene-d4  | 12.024 | 152   | 61889    | 50.000   | ug/l       | 0.00        |
| System Monitoring Compounds |        |       |          |          |            |             |
| 33) 1,2-Dichloroethane-d4   | 5.970  | 65    | 68098    | 50.402   | ug/l       | 0.00        |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | = 100.800% |             |
| 35) Dibromofluoromethane    | 5.403  | 113   | 52947    | 53.880   | ug/l       | 0.00        |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | = 107.760% |             |
| 50) Toluene-d8              | 8.653  | 98    | 168786   | 52.098   | ug/l       | 0.00        |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | = 104.200% |             |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 71637    | 53.442   | ug/l       | 0.00        |
| Spiked Amount               | 50.000 | Range | 77 - 121 | Recovery | = 106.880% |             |
| Target Compounds            |        |       |          |          |            |             |
| 16) Acetone                 | 2.398  | 43    | 1798     | 7.921    | ug/l       | Qvalue # 86 |
| -----                       |        |       |          |          |            |             |

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

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QLast Update : Fri Jun 06 16:56:12 2025  
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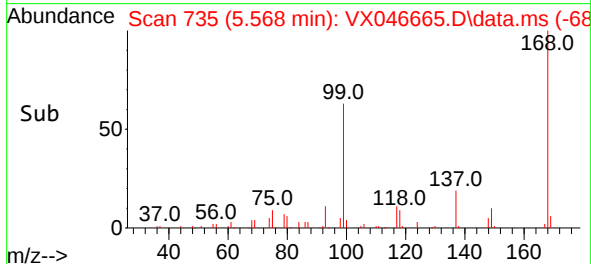
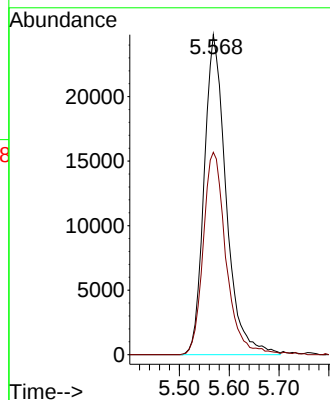
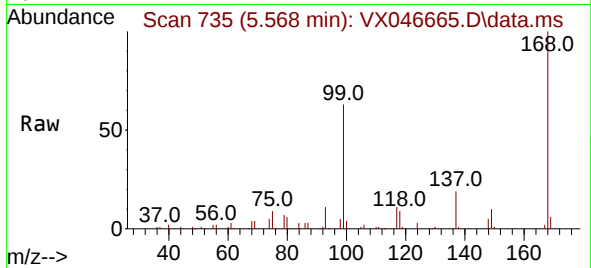




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.568 min Scan# 71  
Delta R.T. 0.000 min  
Lab File: VX046665.D  
Acq: 12 Jun 2025 15:46

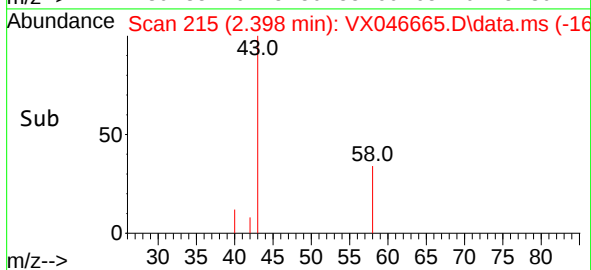
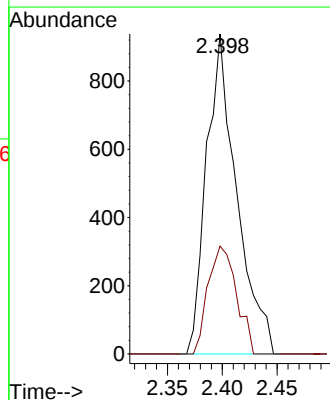
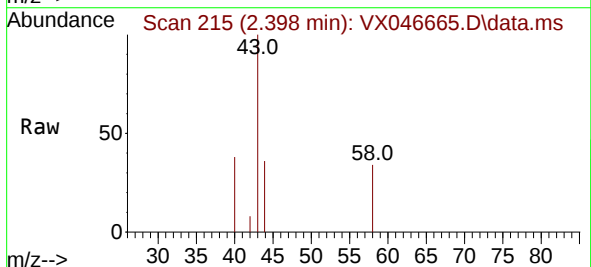
Instrument :  
MSVOA\_X  
ClientSampleId :  
OW-08B-72.5-060925

Tgt Ion:168 Resp: 75942  
Ion Ratio Lower Upper  
168 100  
99 63.3 54.9 82.3



#16  
Acetone  
Concen: 7.921 ug/l  
RT: 2.398 min Scan# 215  
Delta R.T. 0.006 min  
Lab File: VX046665.D  
Acq: 12 Jun 2025 15:46

Tgt Ion: 43 Resp: 1798  
Ion Ratio Lower Upper  
43 100  
58 33.7 21.2 31.8#





#33

1,2-Dichloroethane-d4

Concen: 50.402 ug/l

RT: 5.970 min Scan# 801

Delta R.T. 0.000 min

Lab File: VX046665.D

Acq: 12 Jun 2025 15:46

Instrument :

MSVOA\_X

ClientSampleId :

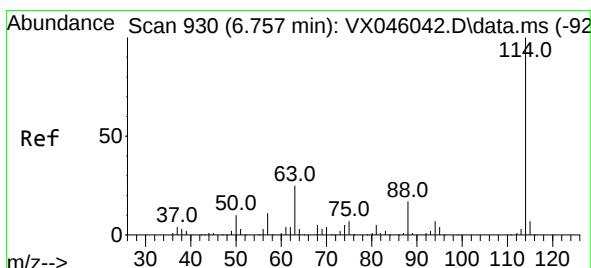
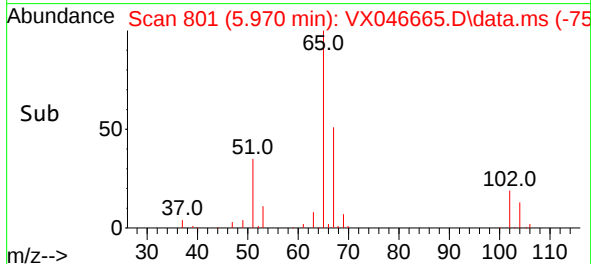
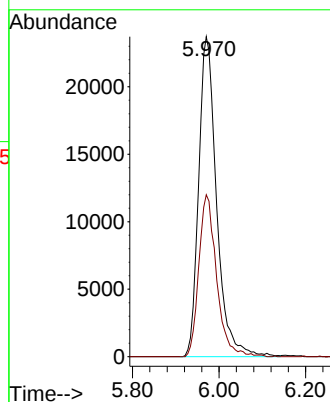
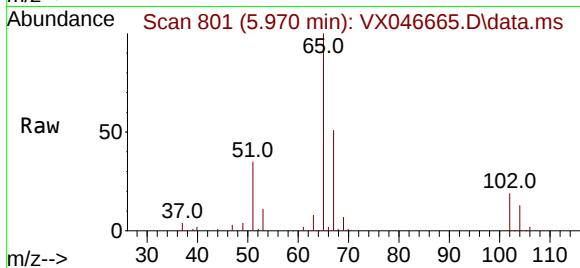
OW-08B-72.5-060925

Tgt Ion: 65 Resp: 68098

Ion Ratio Lower Upper

65 100

67 50.2 0.0 99.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.775 min Scan# 933

Delta R.T. 0.000 min

Lab File: VX046665.D

Acq: 12 Jun 2025 15:46

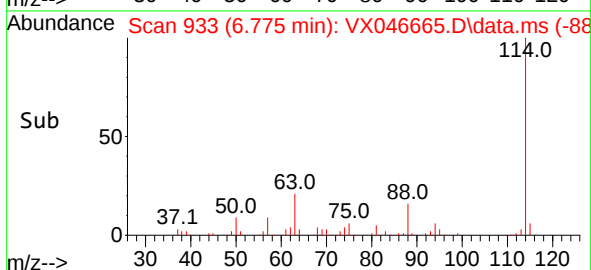
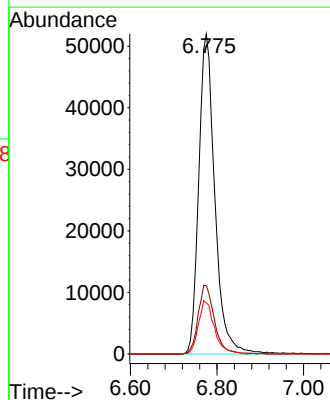
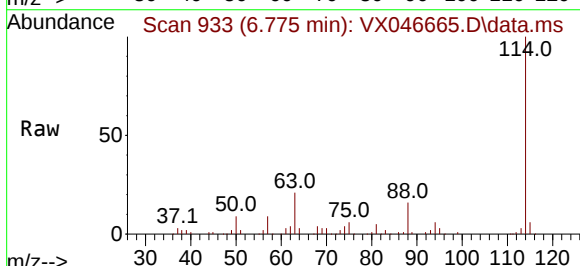
Tgt Ion: 114 Resp: 133627

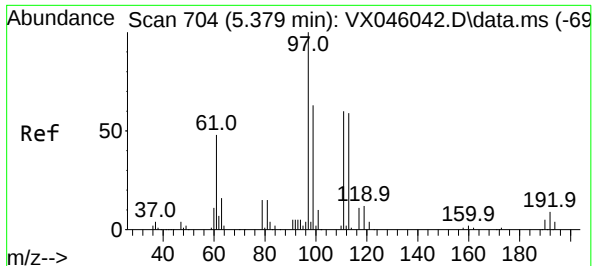
Ion Ratio Lower Upper

114 100

63 21.3 0.0 49.2

88 16.1 0.0 33.6





#35

Dibromofluoromethane

Concen: 53.880 ug/l

RT: 5.403 min Scan# 704

Delta R.T. 0.000 min

Lab File: VX046665.D

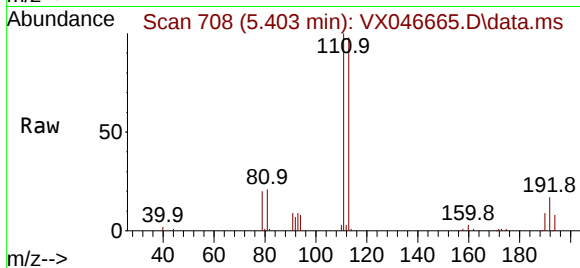
Acq: 12 Jun 2025 15:46

Instrument :

MSVOA\_X

ClientSampleId :

OW-08B-72.5-060925



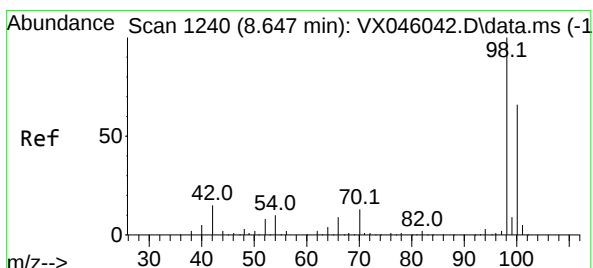
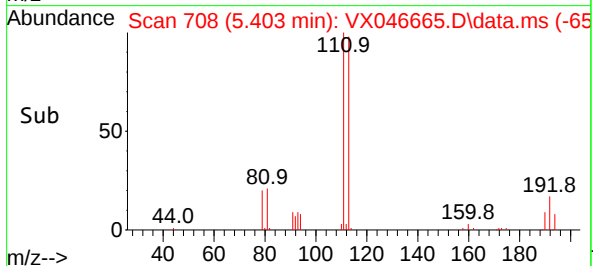
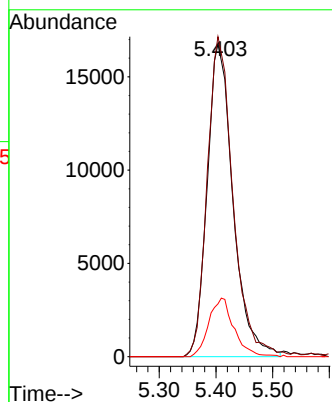
Tgt Ion:113 Resp: 52947

Ion Ratio Lower Upper

113 100

111 102.2 83.1 124.7

192 18.3 13.3 19.9



#50

Toluene-d8

Concen: 52.098 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX046665.D

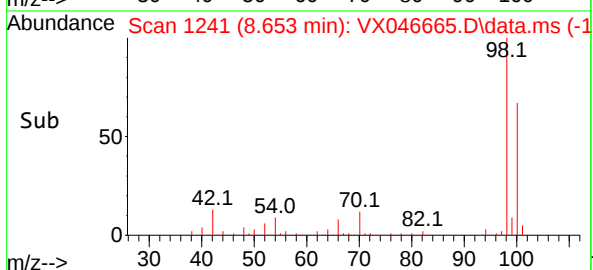
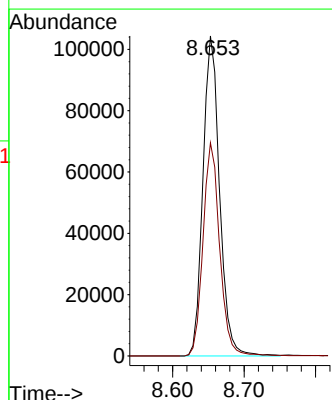
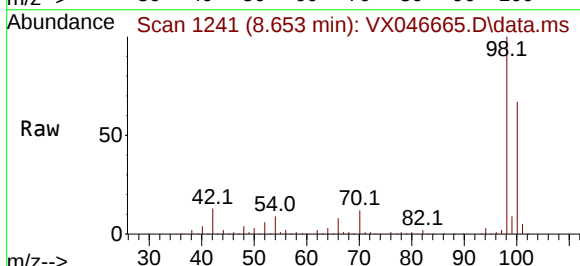
Acq: 12 Jun 2025 15:46

Tgt Ion: 98 Resp: 168786

Ion Ratio Lower Upper

98 100

100 66.6 53.5 80.3

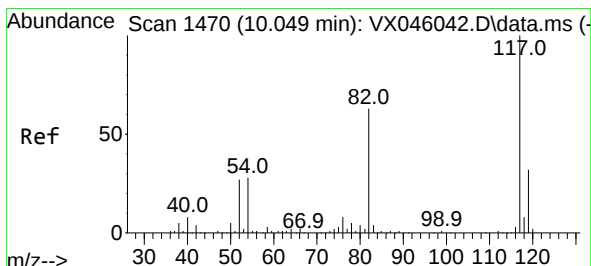
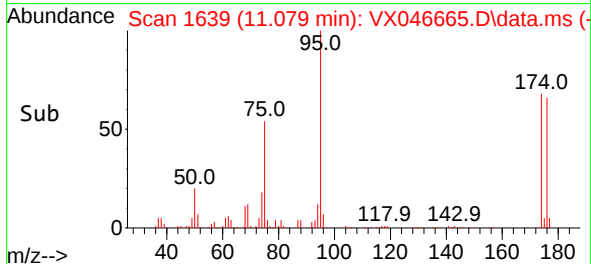
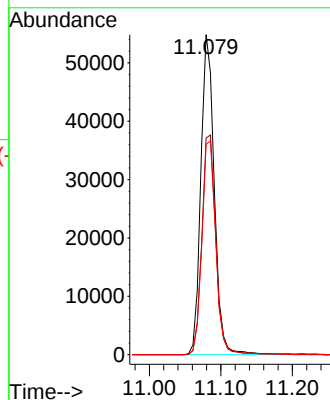
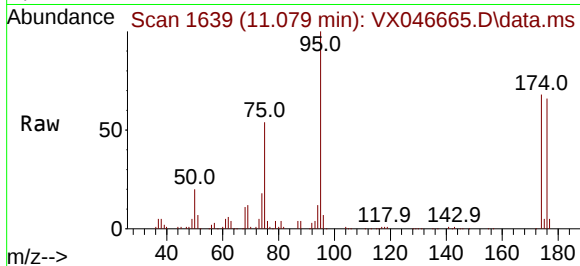




#62  
4-Bromofluorobenzene  
Concen: 53.442 ug/l  
RT: 11.079 min Scan# 1  
Delta R.T. 0.000 min  
Lab File: VX046665.D  
Acq: 12 Jun 2025 15:46

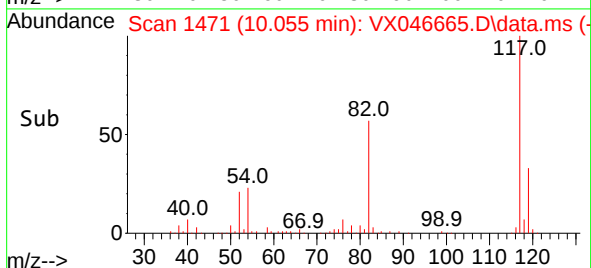
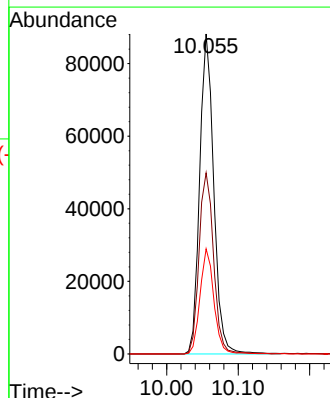
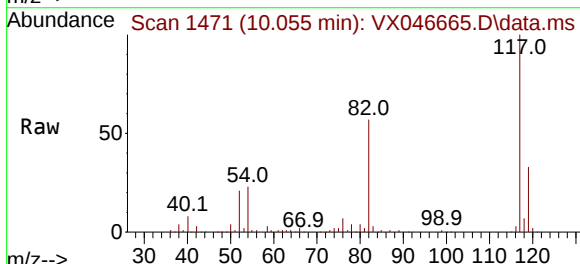
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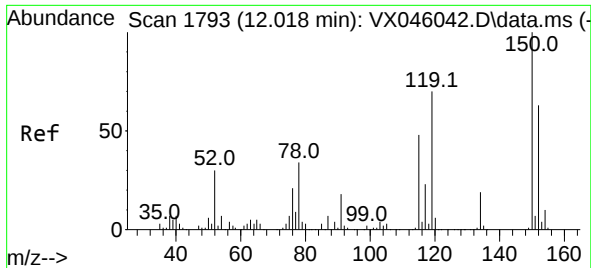
Tgt Ion: 95 Resp: 71637  
Ion Ratio Lower Upper  
95 100  
174 71.4 0.0 135.8  
176 68.9 0.0 131.4



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VX046665.D  
Acq: 12 Jun 2025 15:46

Tgt Ion: 117 Resp: 120396  
Ion Ratio Lower Upper  
117 100  
82 56.6 50.6 76.0  
119 32.9 25.8 38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX046665.D

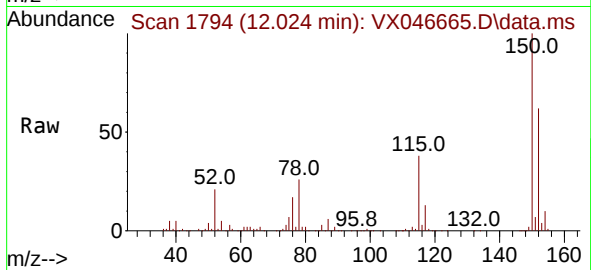
Acq: 12 Jun 2025 15:46

Instrument :

MSVOA\_X

ClientSampleId :

OW-08B-72.5-060925



Tgt Ion:152 Resp: 61889

Ion Ratio Lower Upper

152 100

115 63.9 46.9 140.7

150 161.2 0.0 351.0

