

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX081425\  
 Data File : VX047341.D  
 Acq On : 14 Aug 2025 13:58  
 Operator : JC/MD  
 Sample : Q2814-17  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 TW-518R-S

Quant Time: Aug 18 01:29:12 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X072125W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jul 22 03:59:51 2025  
 Response via : Initial Calibration

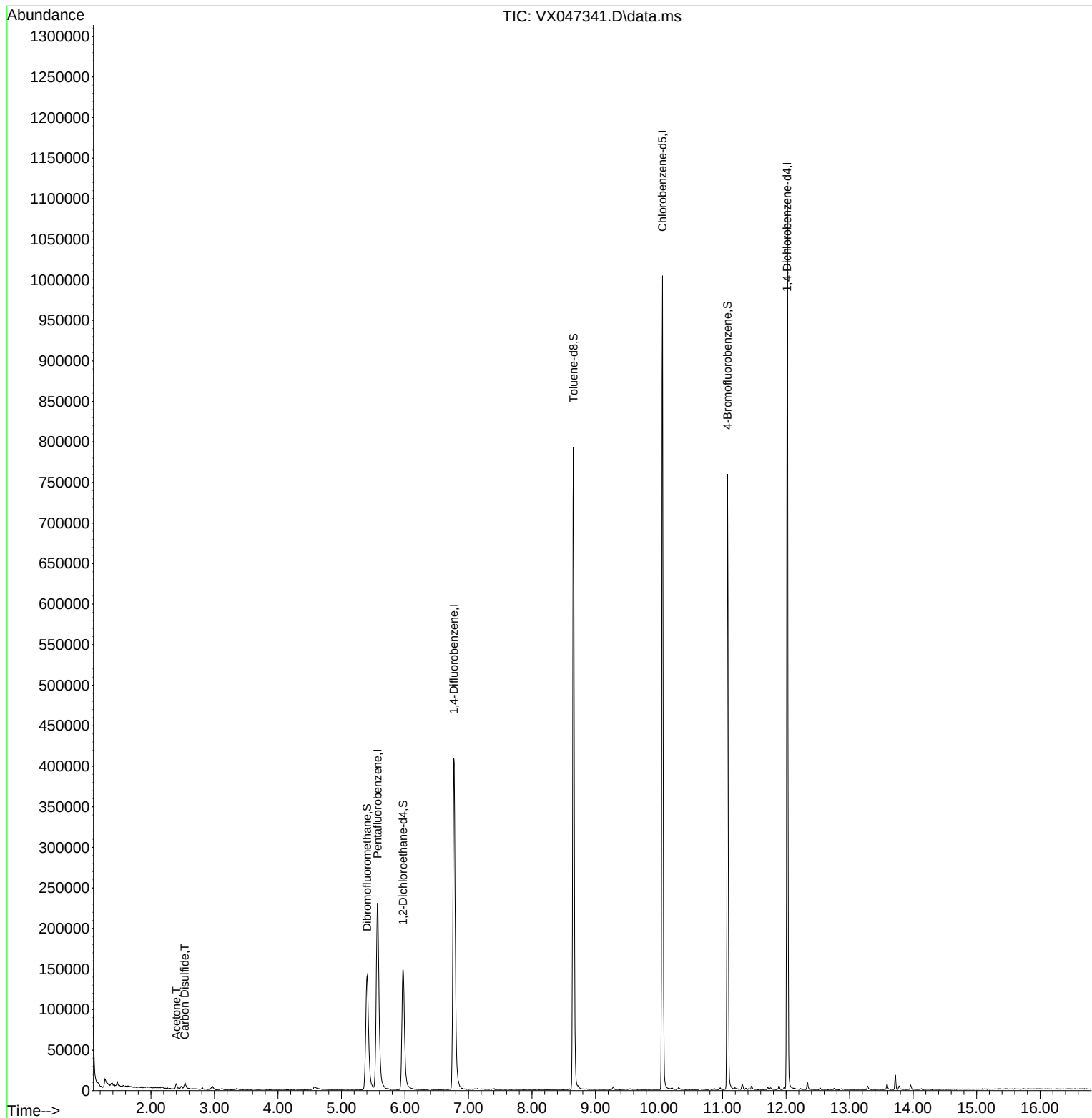
| Compound                    | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|--------|----------|
| -----                       |        |       |          |          |        |          |
| Internal Standards          |        |       |          |          |        |          |
| 1) Pentafluorobenzene       | 5.568  | 168   | 230111   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.769  | 114   | 440338   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 10.055 | 117   | 435075   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.018 | 152   | 217218   | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 5.971  | 65    | 159597   | 55.677   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | =      | 111.360% |
| 35) Dibromofluoromethane    | 5.404  | 113   | 134982   | 49.648   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =      | 99.300%  |
| 50) Toluene-d8              | 8.653  | 98    | 483933   | 54.963   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | =      | 109.920% |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 202666   | 53.412   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =      | 106.820% |
| Target Compounds            |        |       |          |          |        |          |
|                             |        |       |          |          |        | Qvalue   |
| 16) Acetone                 | 2.398  | 43    | 8672     | 7.552    | ug/l   | 92       |
| 17) Carbon Disulfide        | 2.532  | 76    | 7883     | 0.942    | ug/l # | 95       |
| -----                       |        |       |          |          |        |          |

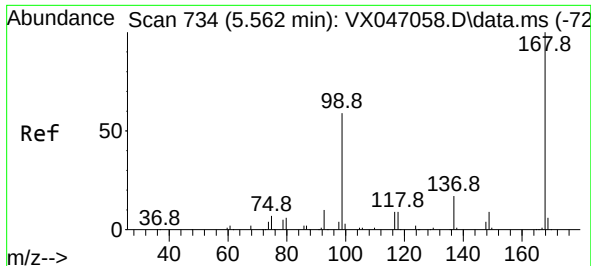
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260  
QLast Update : Tue Jul 22 03:59:51 2025  
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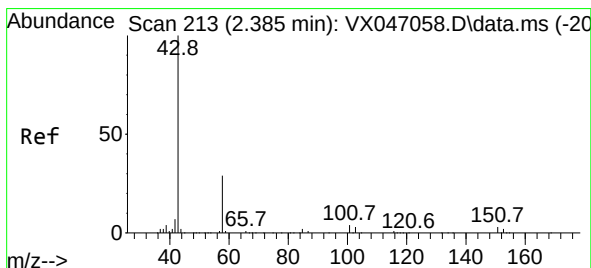
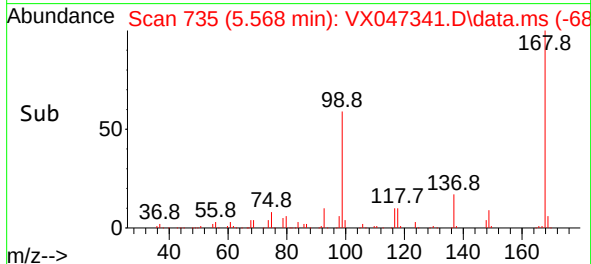
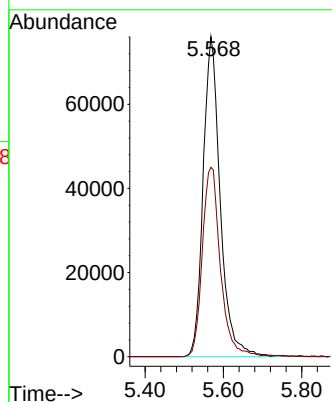
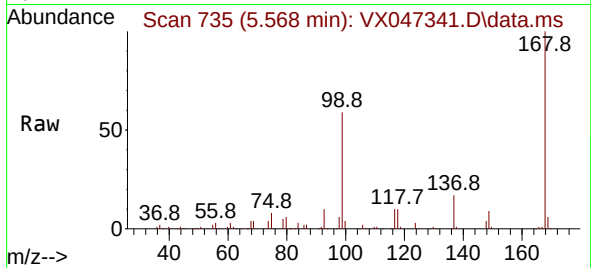




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.568 min Scan# 71  
Delta R.T. 0.006 min  
Lab File: VX047341.D  
Acq: 14 Aug 2025 13:58

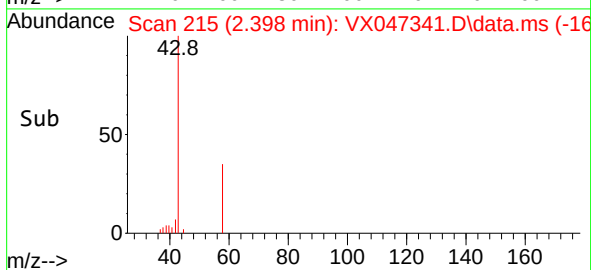
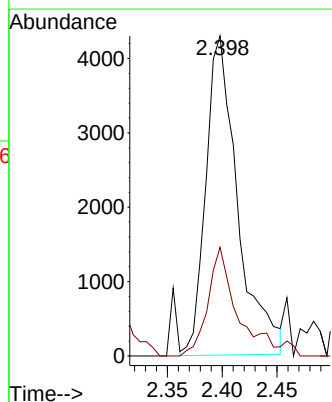
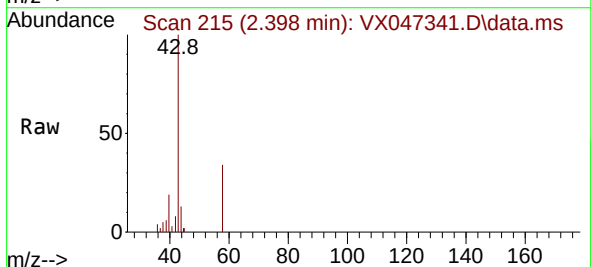
Instrument :  
MSVOA\_X  
ClientSampleId :  
TW-518R-S

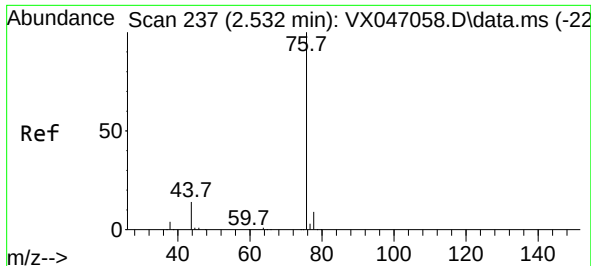
Tgt Ion:168 Resp: 230111  
Ion Ratio Lower Upper  
168 100  
99 59.2 48.0 72.0



#16  
Acetone  
Concen: 7.552 ug/l  
RT: 2.398 min Scan# 215  
Delta R.T. 0.013 min  
Lab File: VX047341.D  
Acq: 14 Aug 2025 13:58

Tgt Ion: 43 Resp: 8672  
Ion Ratio Lower Upper  
43 100  
58 34.4 24.0 36.0





#17

Carbon Disulfide

Concen: 0.942 ug/l

RT: 2.532 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX047341.D

Acq: 14 Aug 2025 13:58

Instrument :

MSVOA\_X

ClientSampleId :

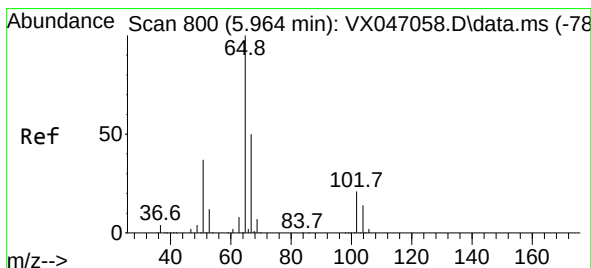
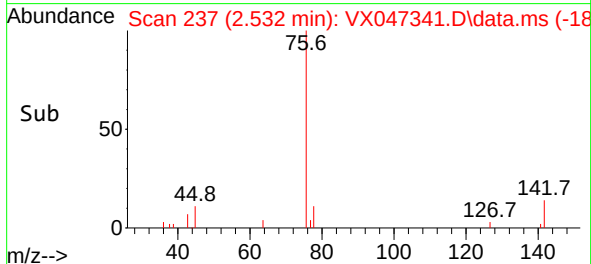
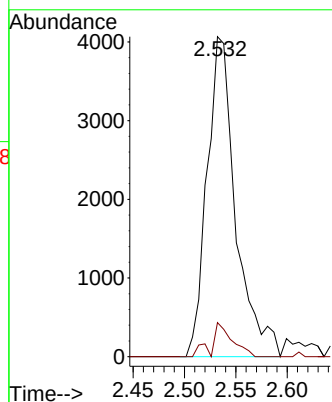
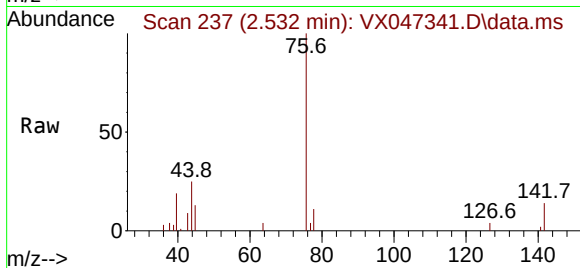
TW-518R-S

Tgt Ion: 76 Resp: 7883

Ion Ratio Lower Upper

76 100

78 10.7 7.0 10.4#



#33

1,2-Dichloroethane-d4

Concen: 55.677 ug/l

RT: 5.971 min Scan# 801

Delta R.T. 0.007 min

Lab File: VX047341.D

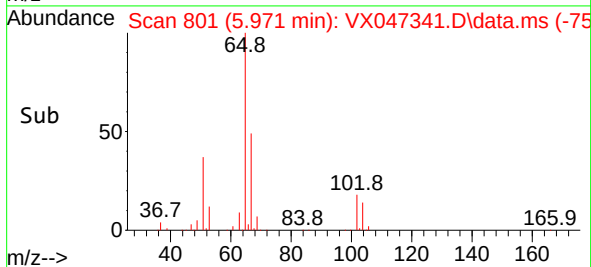
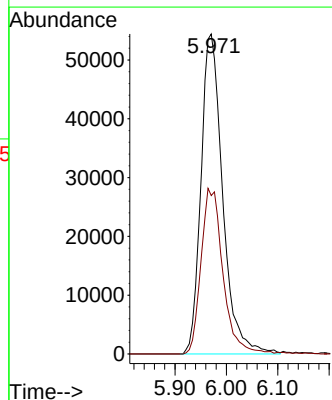
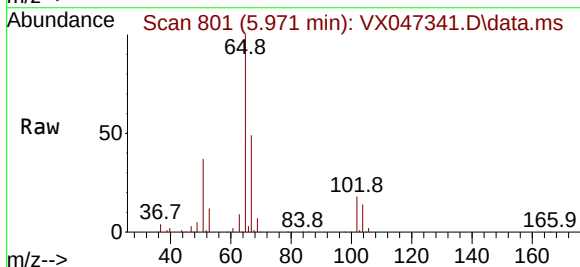
Acq: 14 Aug 2025 13:58

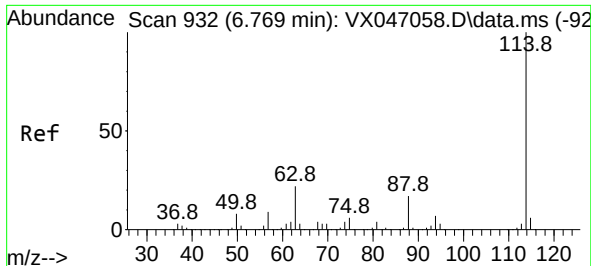
Tgt Ion: 65 Resp: 159597

Ion Ratio Lower Upper

65 100

67 52.2 0.0 104.8

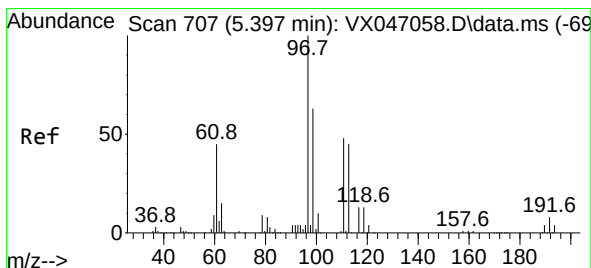
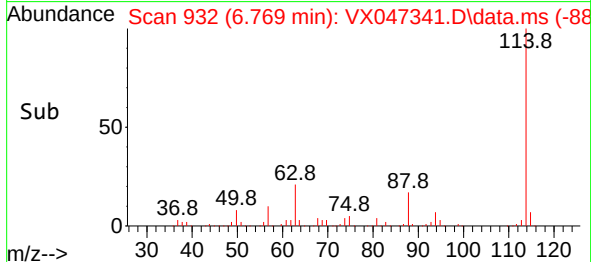
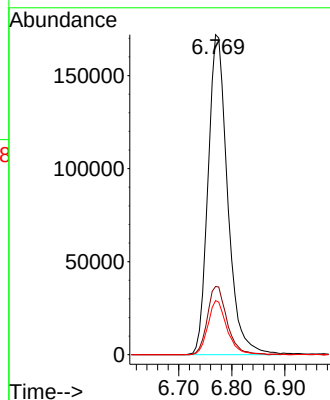
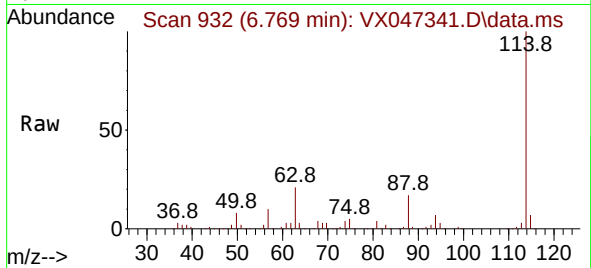




#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 6.769 min Scan# 911  
 Delta R.T. 0.000 min  
 Lab File: VX047341.D  
 Acq: 14 Aug 2025 13:58

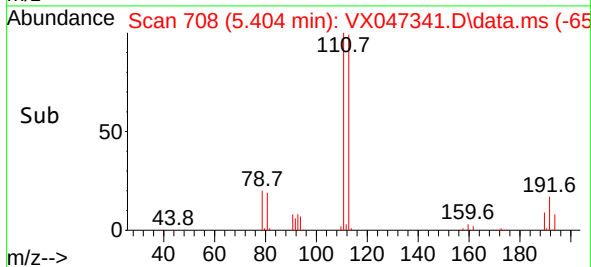
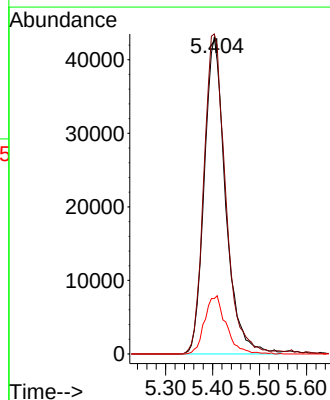
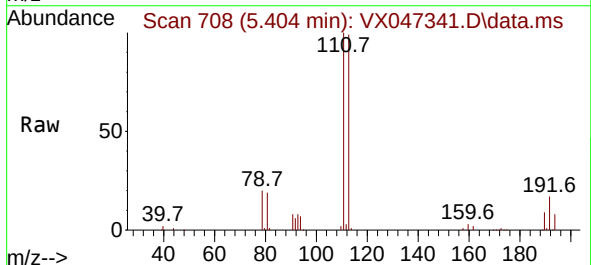
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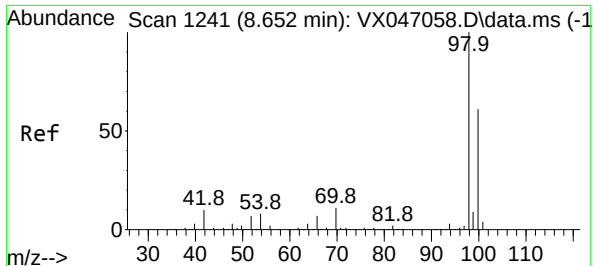
Tgt Ion:114 Resp: 440338  
 Ion Ratio Lower Upper  
 114 100  
 63 24.5 0.0 43.2  
 88 16.9 0.0 33.8



#35  
 Dibromofluoromethane  
 Concen: 49.648 ug/l  
 RT: 5.404 min Scan# 708  
 Delta R.T. 0.007 min  
 Lab File: VX047341.D  
 Acq: 14 Aug 2025 13:58

Tgt Ion:113 Resp: 134982  
 Ion Ratio Lower Upper  
 113 100  
 111 103.9 82.6 124.0  
 192 18.7 14.9 22.3

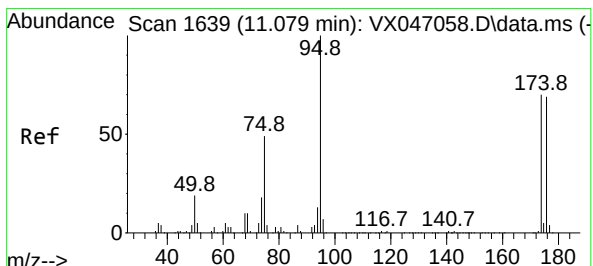
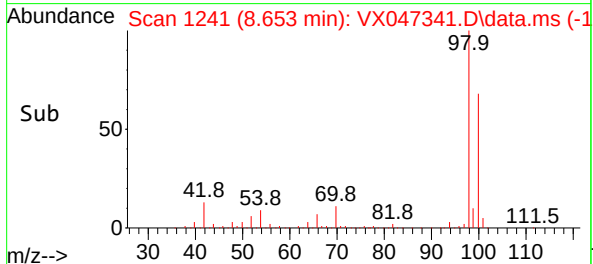
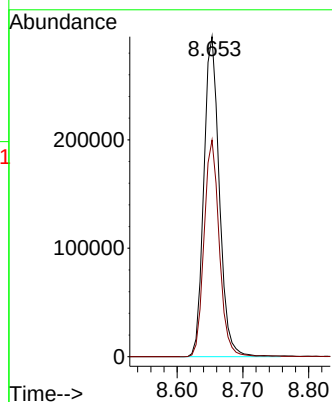
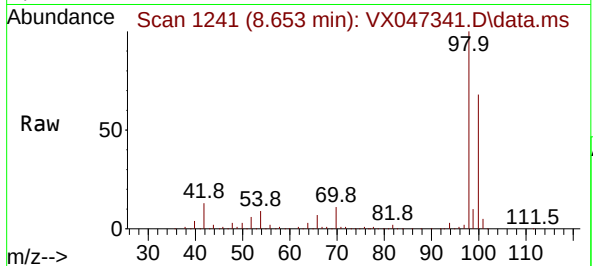




#50  
Toluene-d8  
Concen: 54.963 ug/l  
RT: 8.653 min Scan# 1241  
Delta R.T. 0.000 min  
Lab File: VX047341.D  
Acq: 14 Aug 2025 13:58

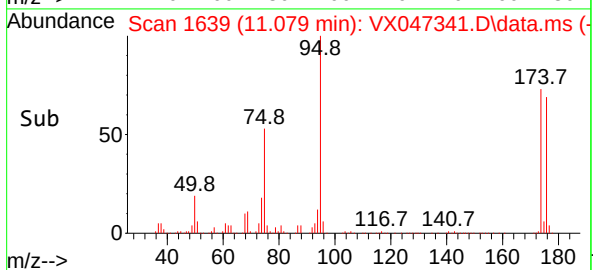
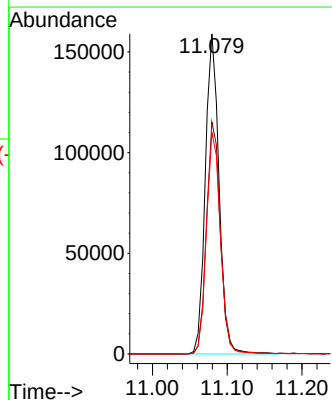
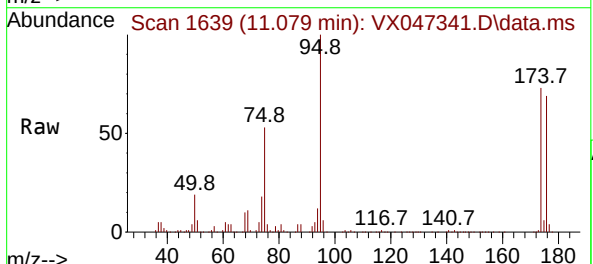
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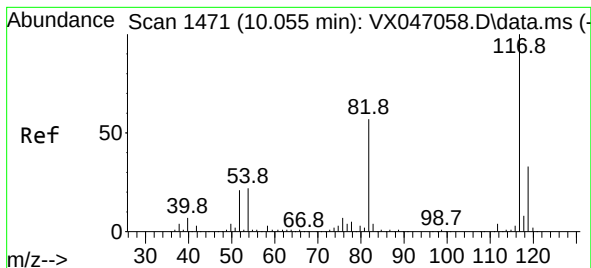
Tgt Ion: 98 Resp: 483933  
Ion Ratio Lower Upper  
98 100  
100 66.6 53.3 79.9



#62  
4-Bromofluorobenzene  
Concen: 53.412 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.000 min  
Lab File: VX047341.D  
Acq: 14 Aug 2025 13:58

Tgt Ion: 95 Resp: 202666  
Ion Ratio Lower Upper  
95 100  
174 73.9 0.0 144.6  
176 70.5 0.0 139.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX047341.D

Acq: 14 Aug 2025 13:58

Instrument :

MSVOA\_X

ClientSampleId :

TW-518R-S

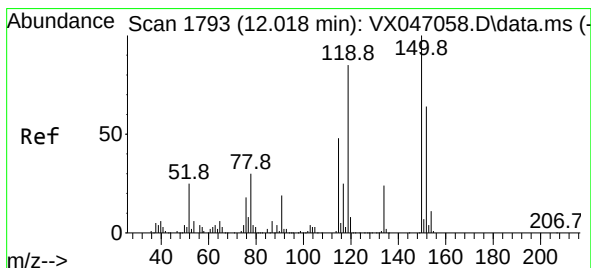
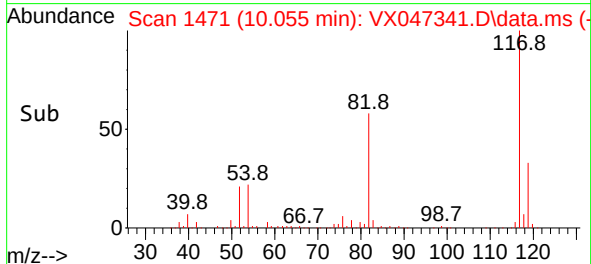
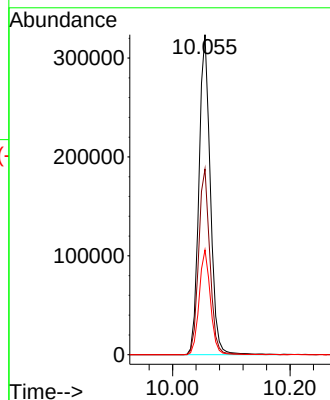
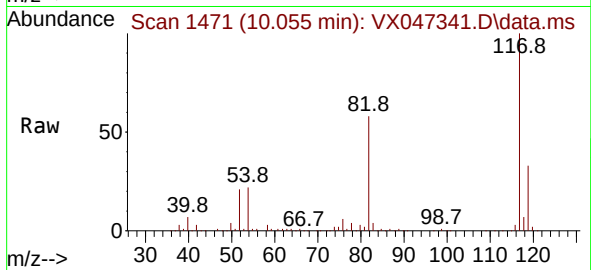
Tgt Ion:117 Resp: 435075

Ion Ratio Lower Upper

117 100

82 58.0 45.4 68.2

119 32.8 26.1 39.1



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VX047341.D

Acq: 14 Aug 2025 13:58

Tgt Ion:152 Resp: 217218

Ion Ratio Lower Upper

152 100

115 61.6 45.6 136.7

150 158.4 0.0 354.6

