

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\DATA\VV102125\  
 Data File : VV039302.D  
 Acq On : 21 Oct 2025 14:00  
 Operator : SY/MD  
 Sample : Q3390-06DL 5X  
 Misc : 5.0mL/MSVOA\_V/WATER  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 4160DL

Quant Time: Oct 24 04:48:55 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\82V100725W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Oct 08 05:01:26 2025  
 Response via : Initial Calibration

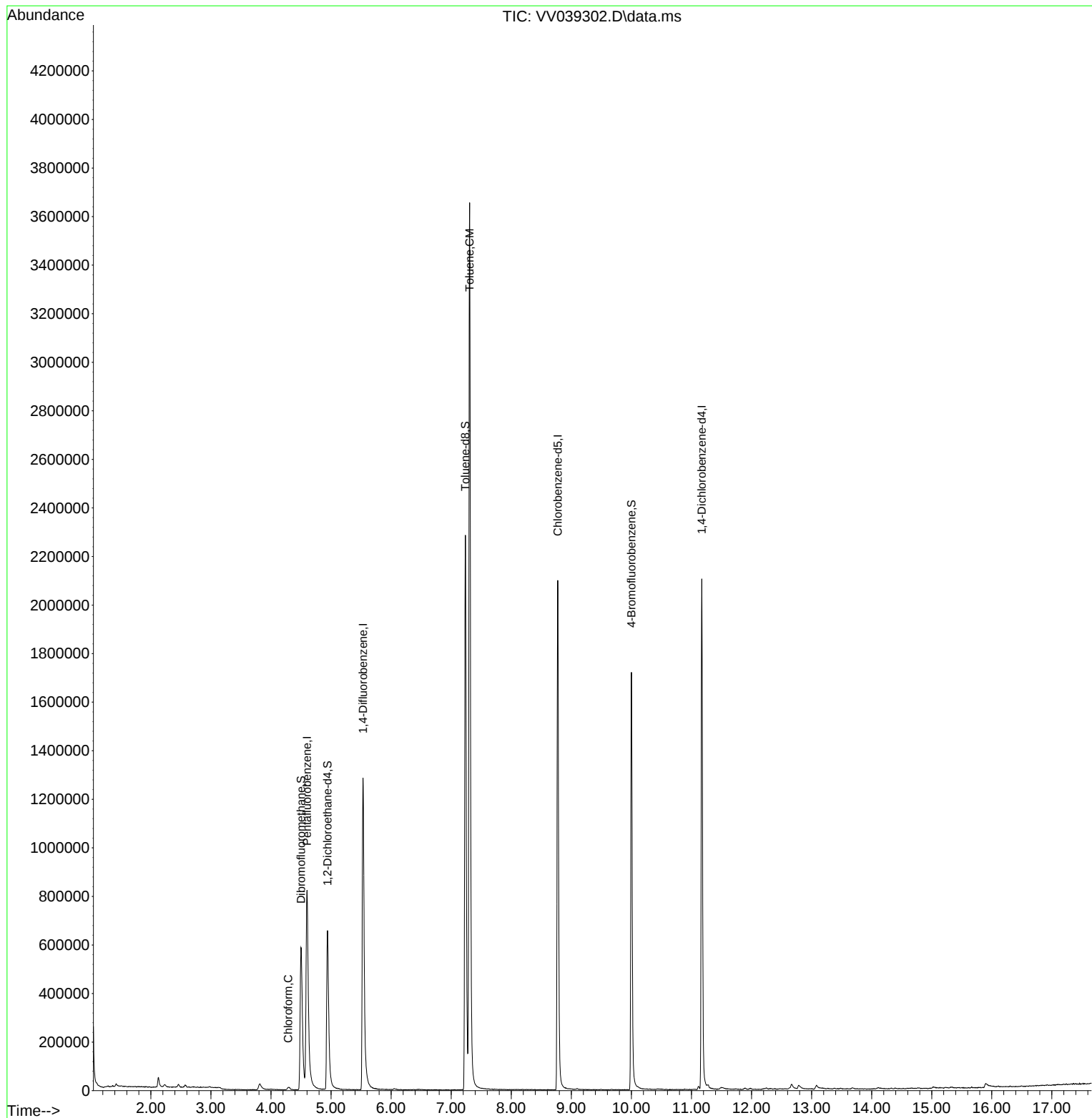
| Compound                    | R.T.   | QIon  | Response | Conc     | Units | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|-------|----------|
| -----                       |        |       |          |          |       |          |
| Internal Standards          |        |       |          |          |       |          |
| 1) Pentafluorobenzene       | 4.600  | 168   | 723535   | 50.000   | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene     | 5.532  | 114   | 1271826  | 50.000   | ug/l  | 0.00     |
| 63) Chlorobenzene-d5        | 8.773  | 117   | 1215647  | 50.000   | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 11.172 | 152   | 569982   | 50.000   | ug/l  | 0.00     |
|                             |        |       |          |          |       |          |
| System Monitoring Compounds |        |       |          |          |       |          |
| 33) 1,2-Dichloroethane-d4   | 4.940  | 65    | 576159   | 56.041   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 81 - 118 | Recovery | =     | 112.080% |
| 35) Dibromofluoromethane    | 4.503  | 113   | 494898   | 49.386   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 80 - 119 | Recovery | =     | 98.780%  |
| 50) Toluene-d8              | 7.236  | 98    | 1600610  | 46.951   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 89 - 112 | Recovery | =     | 93.900%  |
| 62) 4-Bromofluorobenzene    | 10.001 | 95    | 597776   | 49.235   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 85 - 114 | Recovery | =     | 98.480%  |
|                             |        |       |          |          |       |          |
| Target Compounds            |        |       |          |          |       |          |
| 30) Chloroform              | 4.285  | 83    | 14697m   | 0.775    | ug/l  |          |
| 52) Toluene                 | 7.307  | 92    | 1671935  | 68.561   | ug/l  | 99       |
| -----                       |        |       |          |          |       |          |

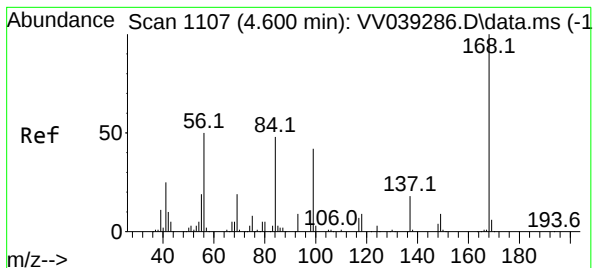
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\DATA\VV102125\  
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Sample : Q3390-06DL 5X  
Misc : 5.0mL/MSVOA\_V/WATER  
ALS Vial : 13 Sample Multiplier: 1

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ClientSampleId :  
4160DL

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\82V100725W.M  
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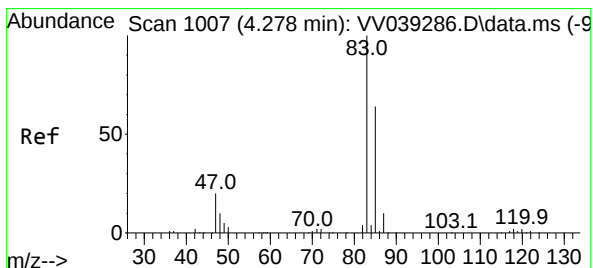
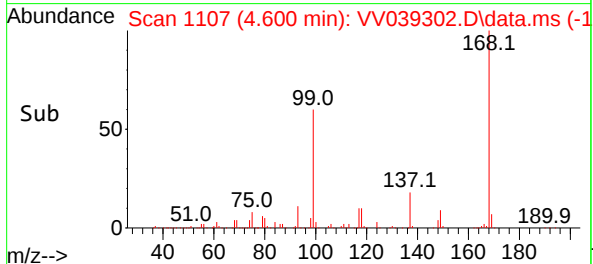
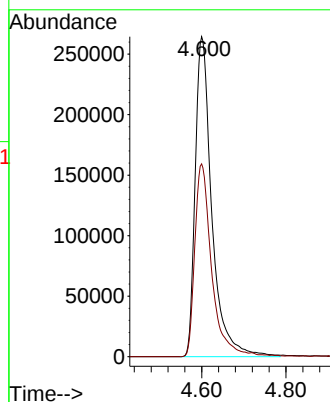
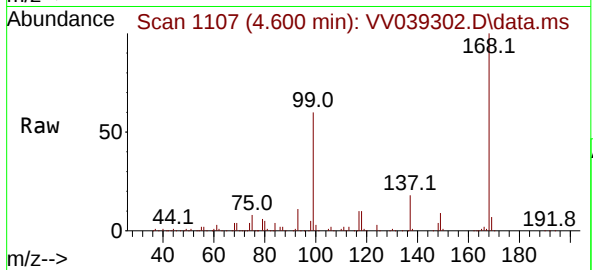




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 4.600 min Scan# 1107  
Delta R.T. -0.000 min  
Lab File: VV039302.D  
Acq: 21 Oct 2025 14:00

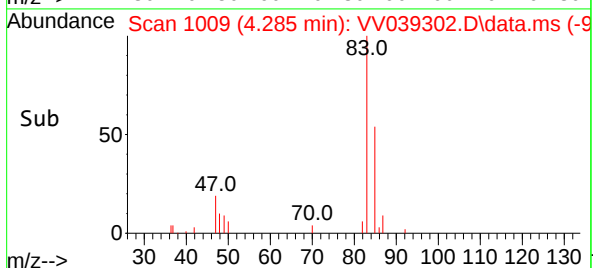
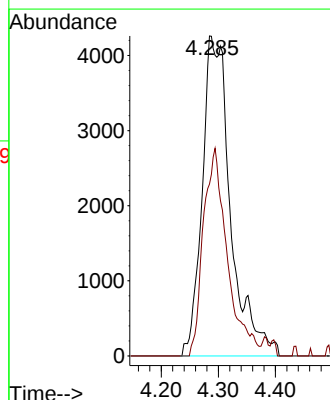
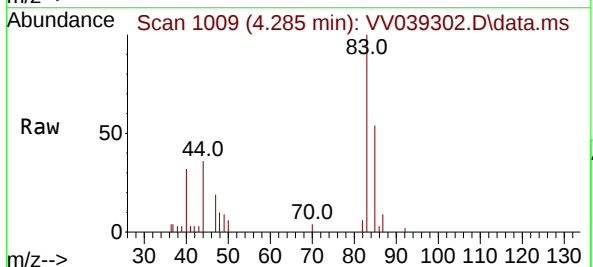
Instrument :  
MSVOA\_V  
ClientSampleId :  
4160DL

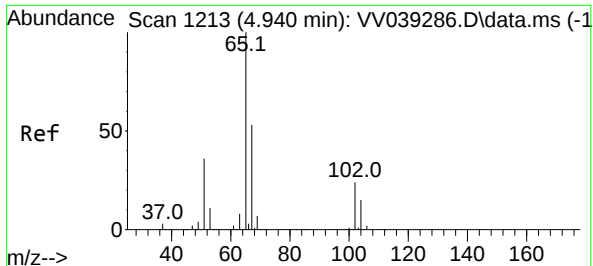
Tgt Ion:168 Resp: 723535  
Ion Ratio Lower Upper  
168 100  
99 60.3 46.6 70.0



#30  
Chloroform  
Concen: 0.775 ug/l m  
RT: 4.285 min Scan# 1009  
Delta R.T. 0.006 min  
Lab File: VV039302.D  
Acq: 21 Oct 2025 14:00

Tgt Ion: 83 Resp: 14697  
Ion Ratio Lower Upper  
83 100  
85 53.7 51.1 76.7





#33

1,2-Dichloroethane-d4

Concen: 56.041 ug/l

RT: 4.940 min Scan# 11

Delta R.T. 0.000 min

Lab File: VV039302.D

Acq: 21 Oct 2025 14:00

Instrument :

MSVOA\_V

ClientSampleId :

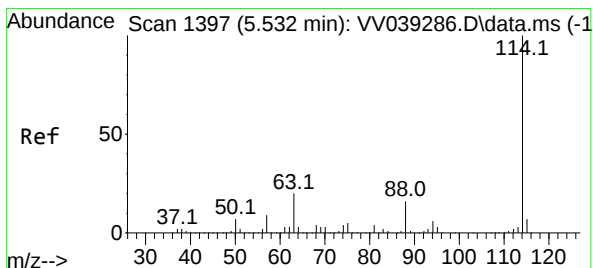
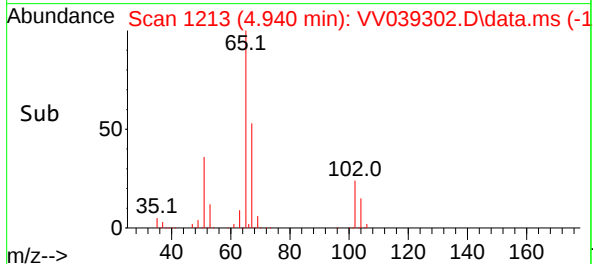
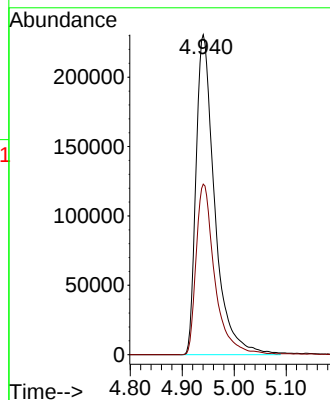
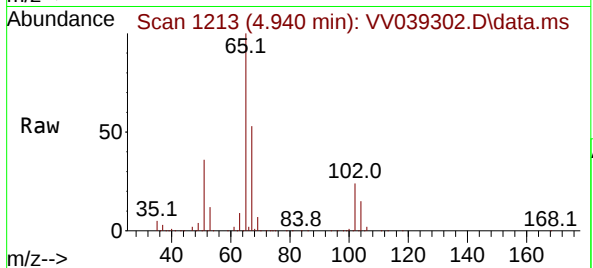
4160DL

Tgt Ion: 65 Resp: 576159

Ion Ratio Lower Upper

65 100

67 53.2 0.0 108.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.532 min Scan# 1397

Delta R.T. 0.000 min

Lab File: VV039302.D

Acq: 21 Oct 2025 14:00

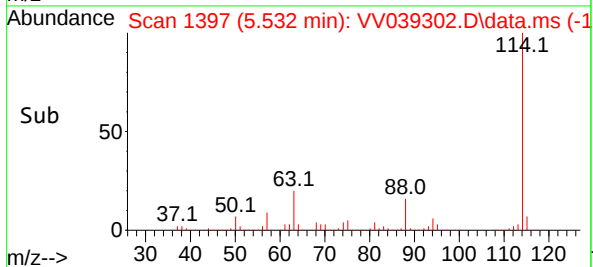
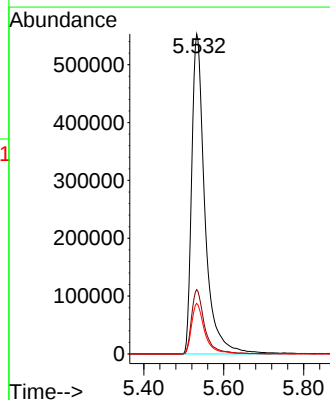
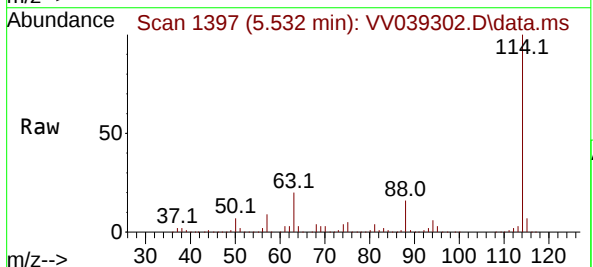
Tgt Ion: 114 Resp: 1271826

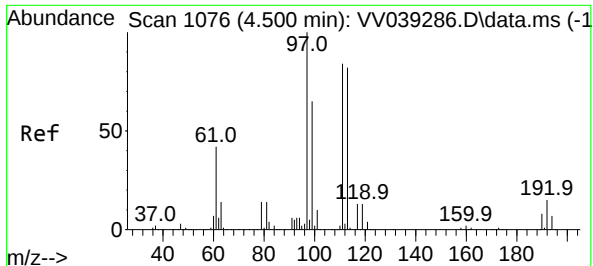
Ion Ratio Lower Upper

114 100

63 20.1 0.0 39.6

88 15.8 0.0 31.6





#35

Dibromofluoromethane

Concen: 49.386 ug/l

RT: 4.503 min Scan# 113

Delta R.T. 0.003 min

Lab File: VV039302.D

Acq: 21 Oct 2025 14:00

Instrument :

MSVOA\_V

ClientSampleId :

4160DL

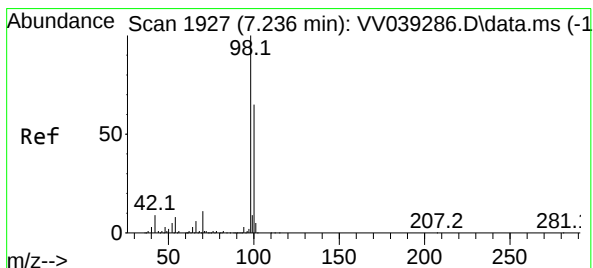
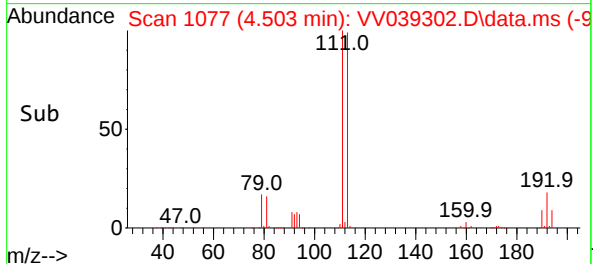
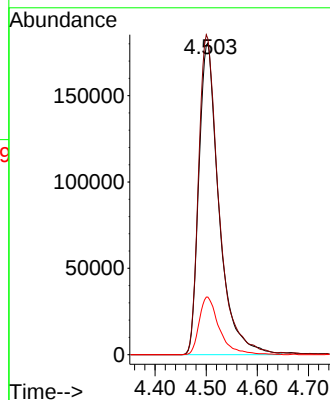
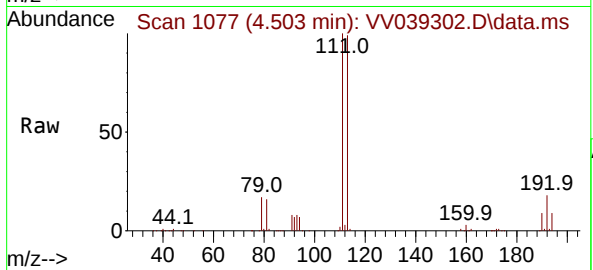
Tgt Ion:113 Resp: 494898

Ion Ratio Lower Upper

113 100

111 102.9 82.0 123.0

192 18.3 14.3 21.5



#50

Toluene-d8

Concen: 46.951 ug/l

RT: 7.236 min Scan# 1927

Delta R.T. 0.000 min

Lab File: VV039302.D

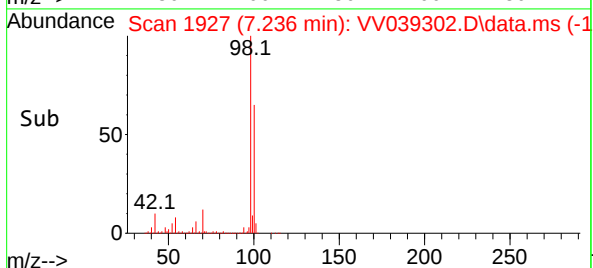
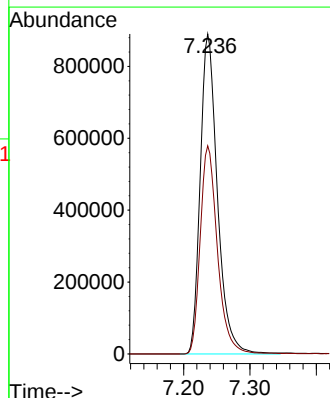
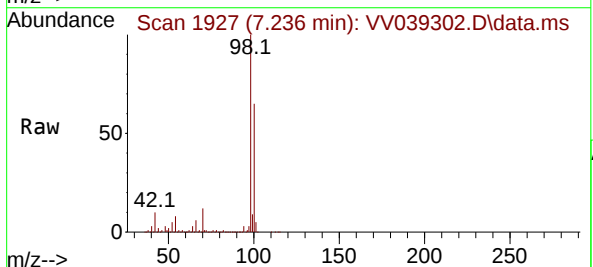
Acq: 21 Oct 2025 14:00

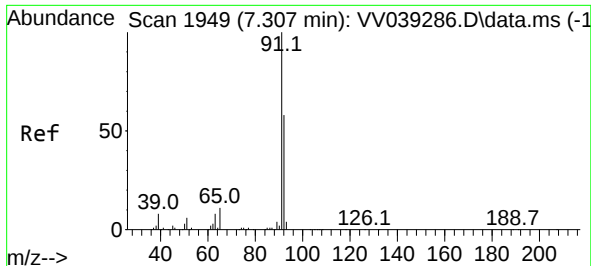
Tgt Ion: 98 Resp: 1600610

Ion Ratio Lower Upper

98 100

100 65.2 52.8 79.2

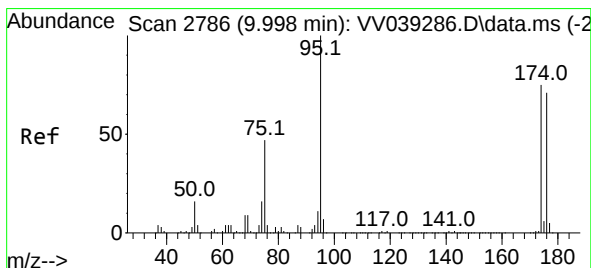
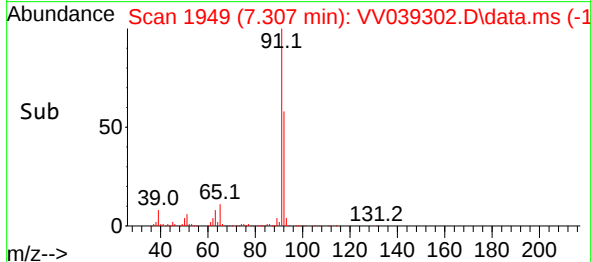
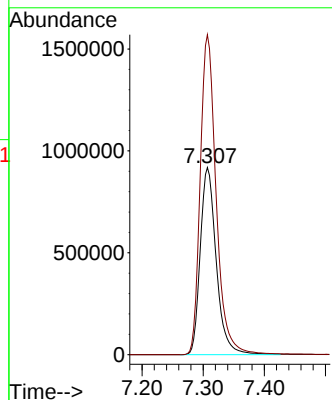
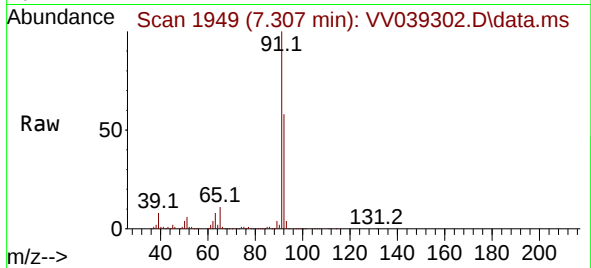




#52  
Toluene  
Concen: 68.561 ug/l  
RT: 7.307 min Scan# 1949  
Delta R.T. 0.000 min  
Lab File: VV039302.D  
Acq: 21 Oct 2025 14:00

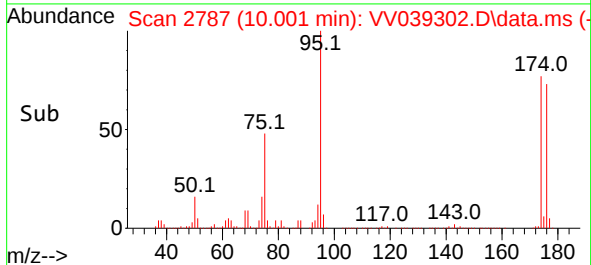
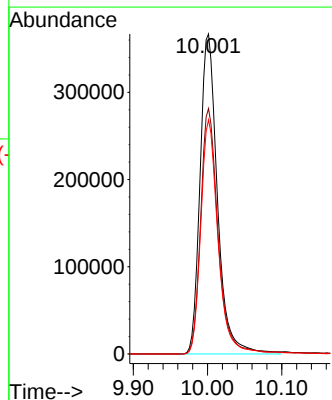
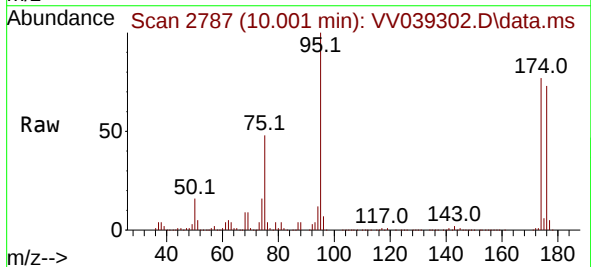
Instrument :  
MSVOA\_V  
ClientSampleId :  
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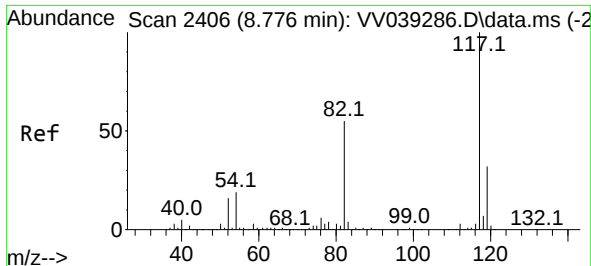
Tgt Ion: 92 Resp: 1671935  
Ion Ratio Lower Upper  
92 100  
91 170.5 137.3 205.9



#62  
4-Bromofluorobenzene  
Concen: 49.235 ug/l  
RT: 10.001 min Scan# 2787  
Delta R.T. 0.003 min  
Lab File: VV039302.D  
Acq: 21 Oct 2025 14:00

Tgt Ion: 95 Resp: 597776  
Ion Ratio Lower Upper  
95 100  
174 77.4 0.0 153.6  
176 72.2 0.0 146.0

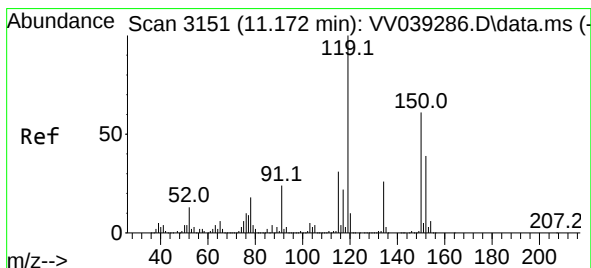
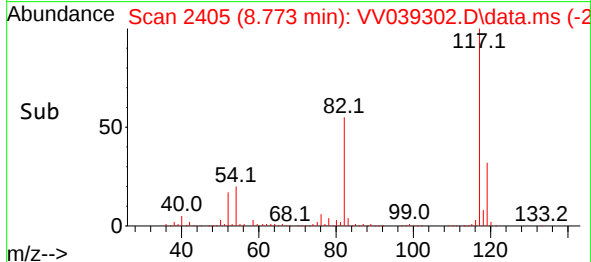
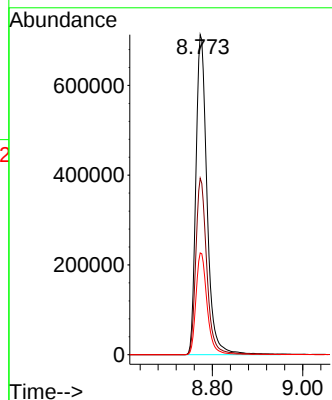
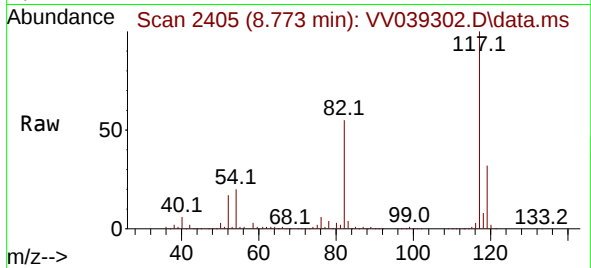




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 8.773 min Scan# 2406  
Delta R.T. -0.003 min  
Lab File: VV039302.D  
Acq: 21 Oct 2025 14:00

Instrument :  
MSVOA\_V  
ClientSampleId :  
4160DL

Tgt Ion:117 Resp: 1215647  
Ion Ratio Lower Upper  
117 100  
82 55.1 43.8 65.8  
119 31.8 25.8 38.6



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 11.172 min Scan# 3151  
Delta R.T. 0.000 min  
Lab File: VV039302.D  
Acq: 21 Oct 2025 14:00

Tgt Ion:152 Resp: 569982  
Ion Ratio Lower Upper  
152 100  
115 60.3 42.3 126.8  
150 156.5 0.0 348.0

