

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\DATA\VV092925\  
 Data File : VV039232.D  
 Acq On : 29 Sep 2025 15:23  
 Operator : SY/MD  
 Sample : PB169894TB  
 Misc : 5.0mL/MSVOA\_V/WATER  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 PB169894TB

Quant Time: Sep 30 01:27:07 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\82V092225W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Sep 24 08:08:08 2025  
 Response via : Initial Calibration

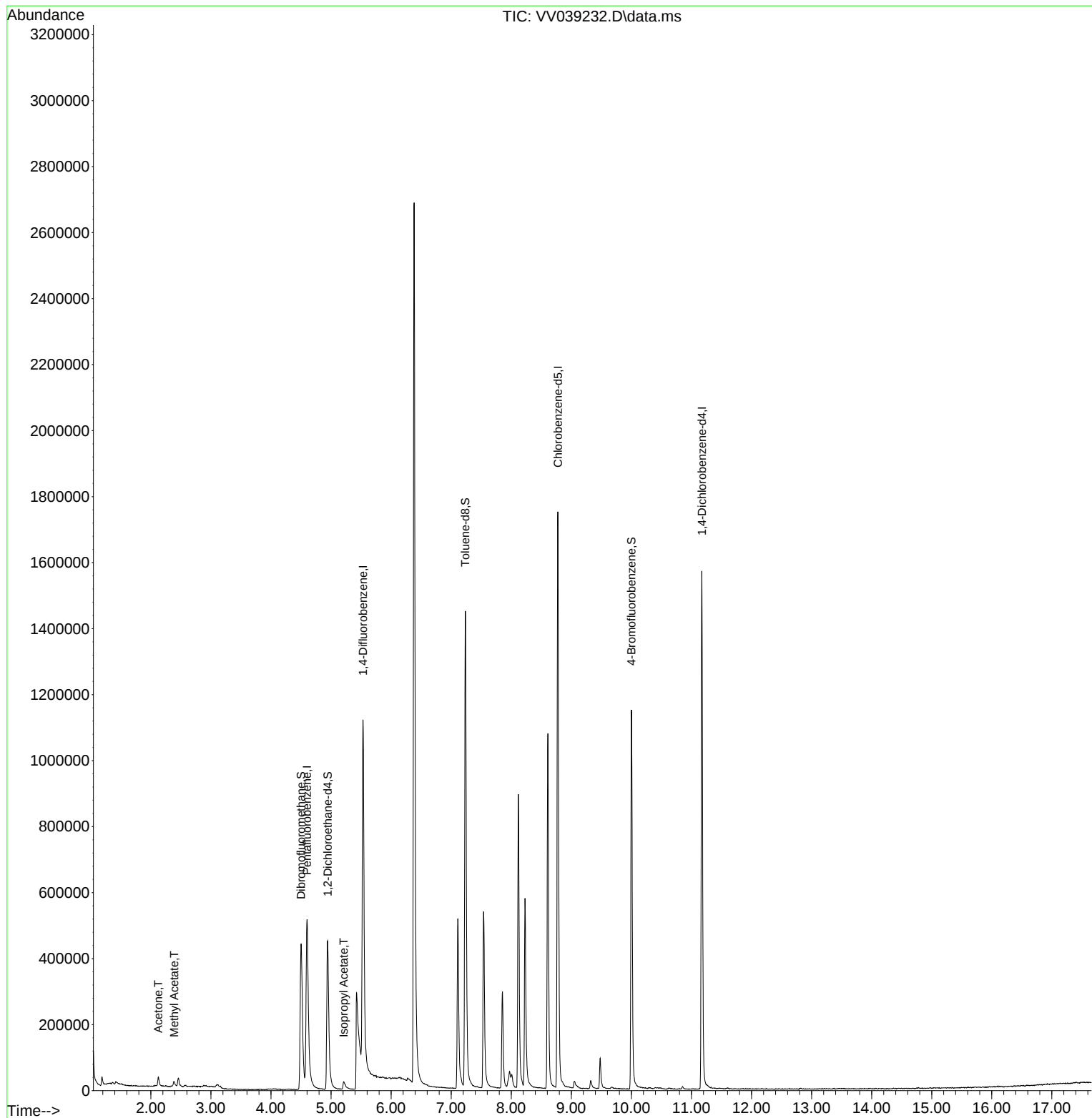
| Compound                    | R.T. QIon |       | Response | Conc     | Units       | Dev(Min) |
|-----------------------------|-----------|-------|----------|----------|-------------|----------|
| -----                       |           |       |          |          |             |          |
| Internal Standards          |           |       |          |          |             |          |
| 1) Pentafluorobenzene       | 4.600     | 168   | 450804   | 50.000   | ug/l        | 0.00     |
| 34) 1,4-Difluorobenzene     | 5.532     | 114   | 957249   | 50.000   | ug/l        | 0.00     |
| 63) Chlorobenzene-d5        | 8.776     | 117   | 989121   | 50.000   | ug/l        | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 11.175    | 152   | 422598   | 50.000   | ug/l        | 0.00     |
| System Monitoring Compounds |           |       |          |          |             |          |
| 33) 1,2-Dichloroethane-d4   | 4.944     | 65    | 392790   | 60.203   | ug/l        | 0.00     |
| Spiked Amount               | 50.000    | Range | 81 - 118 | Recovery | = 120.400%# |          |
| 35) Dibromofluoromethane    | 4.503     | 113   | 376142   | 48.878   | ug/l        | 0.00     |
| Spiked Amount               | 50.000    | Range | 80 - 119 | Recovery | = 97.760%   |          |
| 50) Toluene-d8              | 7.236     | 98    | 1029765  | 45.561   | ug/l        | 0.00     |
| Spiked Amount               | 50.000    | Range | 89 - 112 | Recovery | = 91.120%   |          |
| 62) 4-Bromofluorobenzene    | 10.001    | 95    | 387535   | 41.650   | ug/l        | 0.00     |
| Spiked Amount               | 50.000    | Range | 85 - 114 | Recovery | = 83.300%#  |          |
| Target Compounds            |           |       |          |          |             |          |
|                             |           |       |          |          |             | Qvalue   |
| 16) Acetone                 | 2.124     | 43    | 32704    | 3.372    | ug/l        | 95       |
| 18) Methyl Acetate          | 2.387     | 43    | 20553    | 2.126    | ug/l        | 100      |
| 43) Isopropyl Acetate       | 5.210     | 43    | 36301    | 1.886    | ug/l        | 95       |
| -----                       |           |       |          |          |             |          |

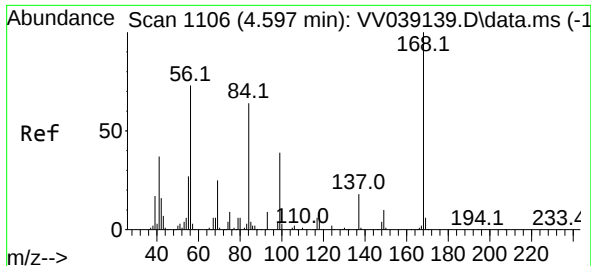
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260  
QLast Update : Wed Sep 24 08:08:08 2025  
Response via : Initial Calibration

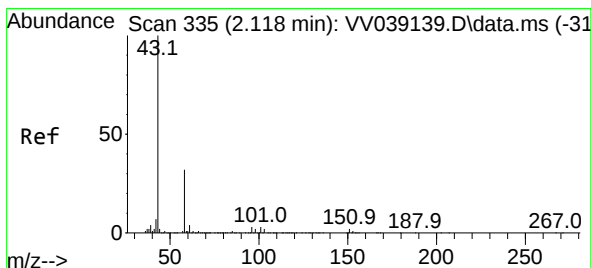
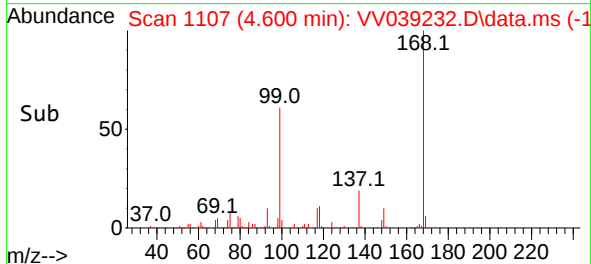
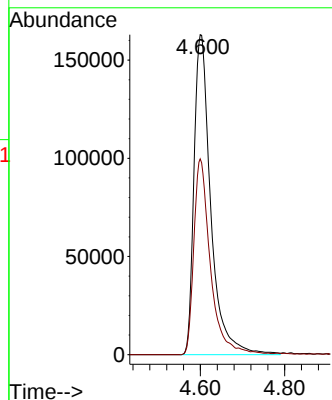
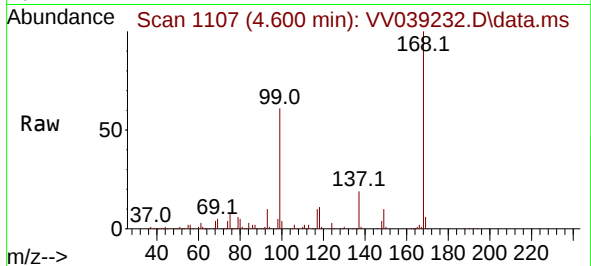




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 4.600 min Scan# 1106  
Delta R.T. 0.003 min  
Lab File: VV039232.D  
Acq: 29 Sep 2025 15:23

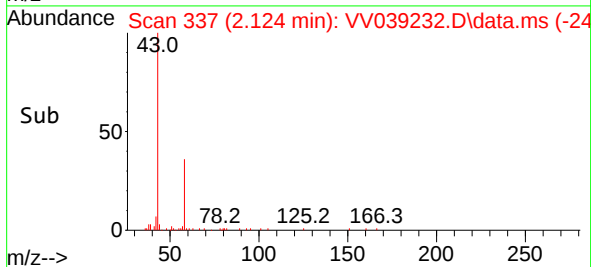
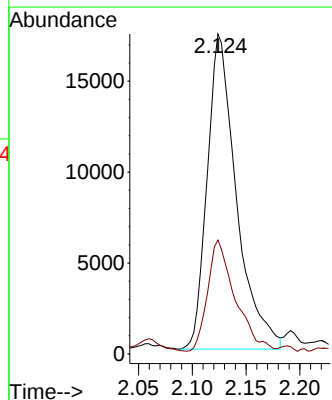
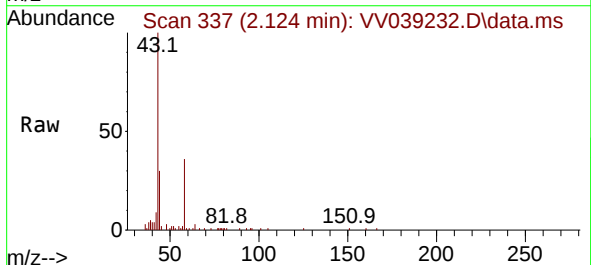
Instrument :  
MSVOA\_V  
ClientSampleId :  
PB169894TB

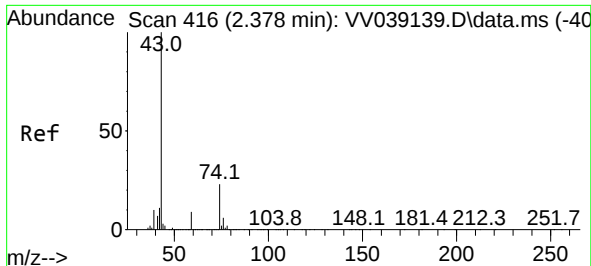
Tgt Ion:168 Resp: 450804  
Ion Ratio Lower Upper  
168 100  
99 61.2 49.6 74.4



#16  
Acetone  
Concen: 3.372 ug/l  
RT: 2.124 min Scan# 337  
Delta R.T. 0.006 min  
Lab File: VV039232.D  
Acq: 29 Sep 2025 15:23

Tgt Ion: 43 Resp: 32704  
Ion Ratio Lower Upper  
43 100  
58 35.1 25.8 38.6

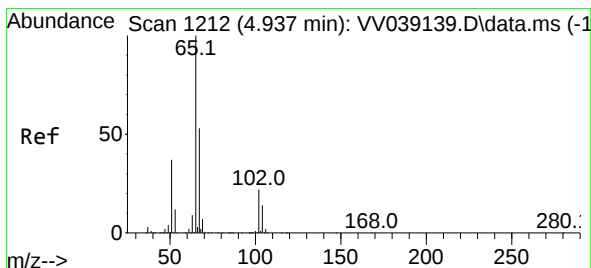
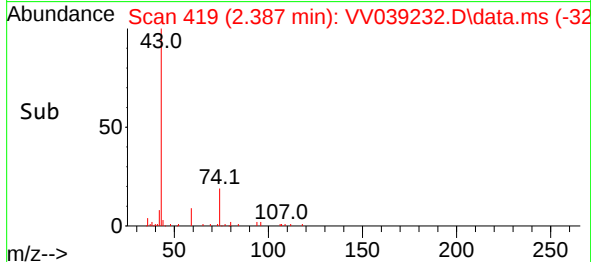
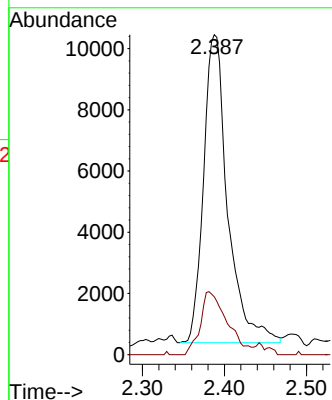
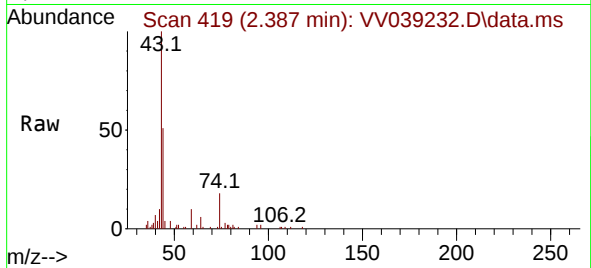




#18  
Methyl Acetate  
Concen: 2.126 ug/l  
RT: 2.387 min Scan# 416  
Delta R.T. 0.010 min  
Lab File: VV039232.D  
Acq: 29 Sep 2025 15:23

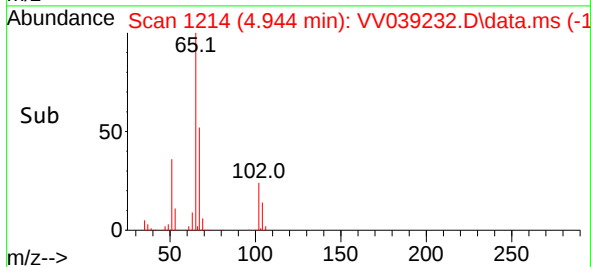
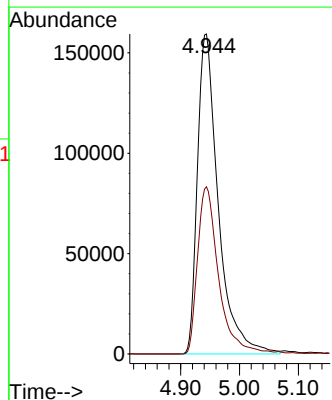
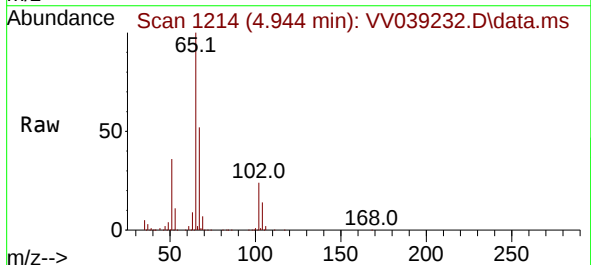
Instrument :  
MSVOA\_V  
ClientSampleId :  
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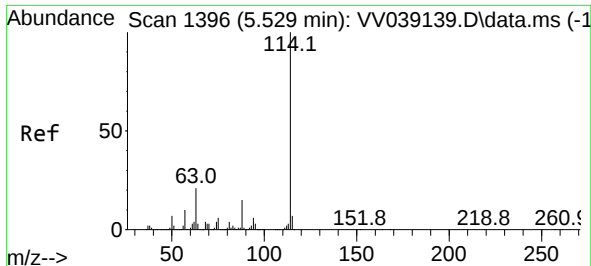
Tgt Ion: 43 Resp: 20553  
Ion Ratio Lower Upper  
43 100  
74 23.0 18.6 27.8



#33  
1,2-Dichloroethane-d4  
Concen: 60.203 ug/l  
RT: 4.944 min Scan# 1214  
Delta R.T. 0.006 min  
Lab File: VV039232.D  
Acq: 29 Sep 2025 15:23

Tgt Ion: 65 Resp: 392790  
Ion Ratio Lower Upper  
65 100  
67 52.8 0.0 107.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.532 min Scan# 114

Delta R.T. 0.003 min

Lab File: VV039232.D

Acq: 29 Sep 2025 15:23

Instrument :

MSVOA\_V

ClientSampleId :

PB169894TB

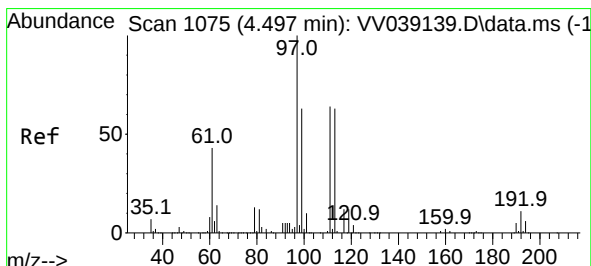
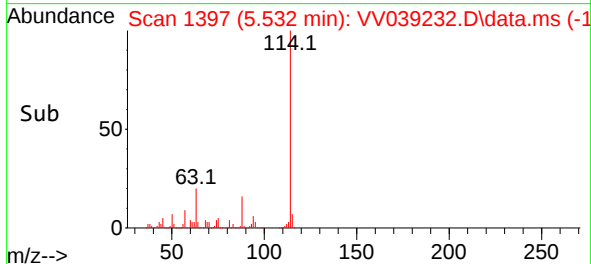
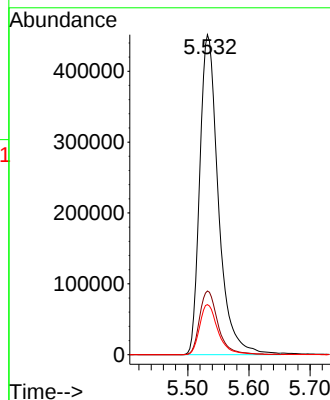
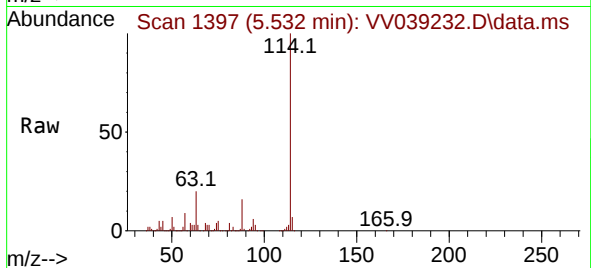
Tgt Ion:114 Resp: 957249

Ion Ratio Lower Upper

114 100

63 19.9 0.0 42.6

88 15.7 0.0 30.8



#35

Dibromofluoromethane

Concen: 48.878 ug/l

RT: 4.503 min Scan# 1077

Delta R.T. 0.006 min

Lab File: VV039232.D

Acq: 29 Sep 2025 15:23

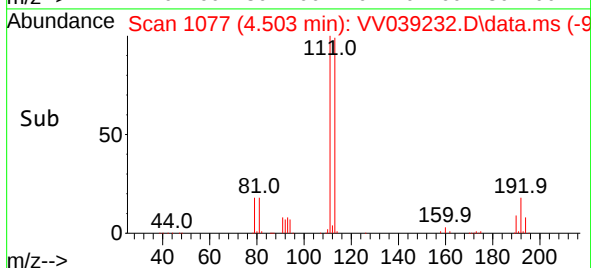
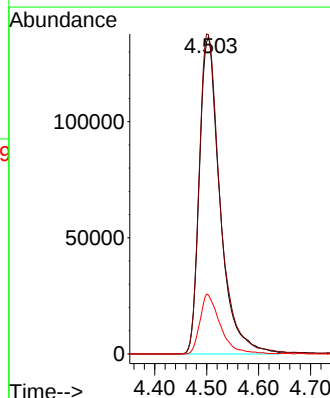
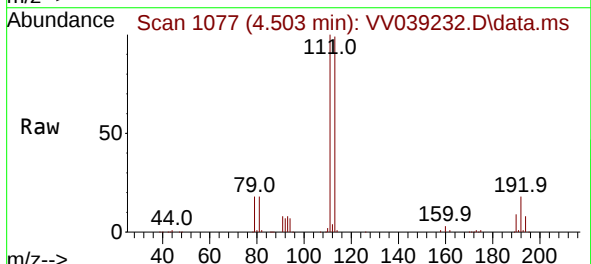
Tgt Ion:113 Resp: 376142

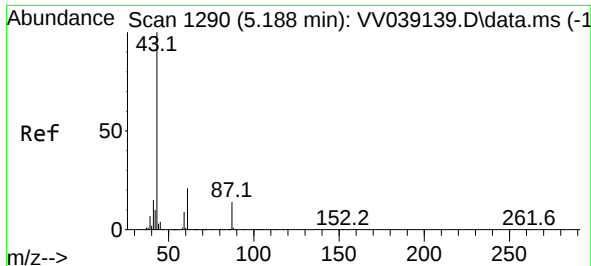
Ion Ratio Lower Upper

113 100

111 102.6 82.4 123.6

192 18.4 13.8 20.8

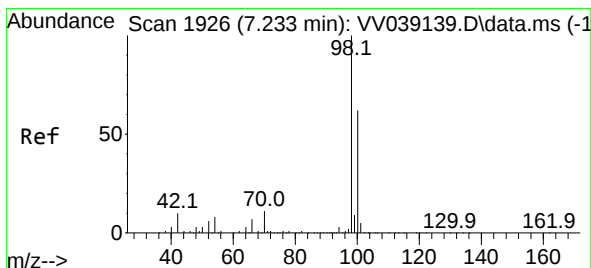
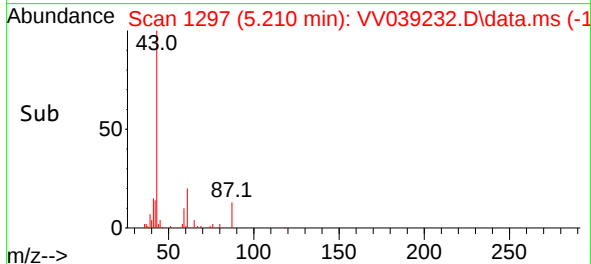
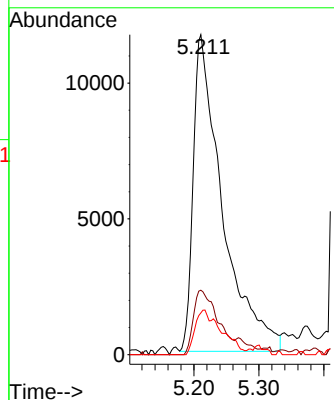
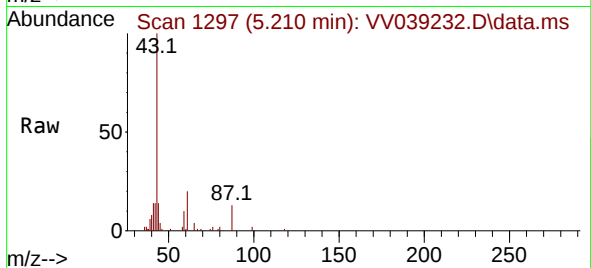




#43  
Isopropyl Acetate  
Concen: 1.886 ug/l  
RT: 5.210 min Scan# 1297  
Delta R.T. 0.022 min  
Lab File: VV039232.D  
Acq: 29 Sep 2025 15:23

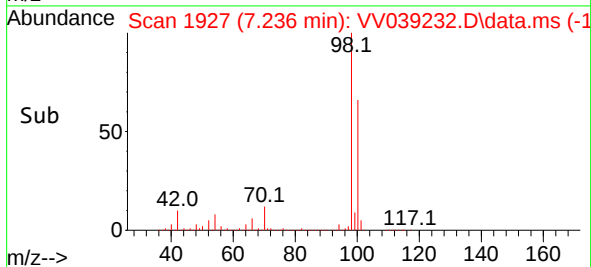
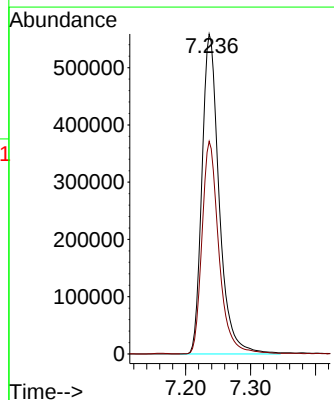
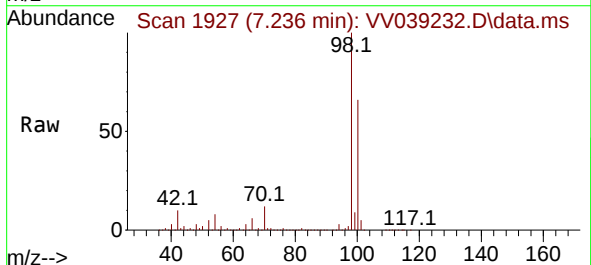
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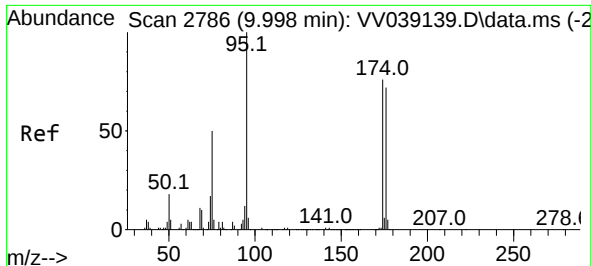
Tgt Ion: 43 Resp: 36301  
Ion Ratio Lower Upper  
43 100  
61 17.1 15.9 23.9  
87 12.9 11.0 16.6



#50  
Toluene-d8  
Concen: 45.561 ug/l  
RT: 7.236 min Scan# 1927  
Delta R.T. 0.003 min  
Lab File: VV039232.D  
Acq: 29 Sep 2025 15:23

Tgt Ion: 98 Resp: 1029765  
Ion Ratio Lower Upper  
98 100  
100 65.2 52.2 78.2

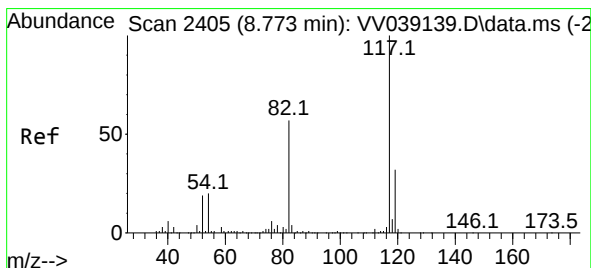
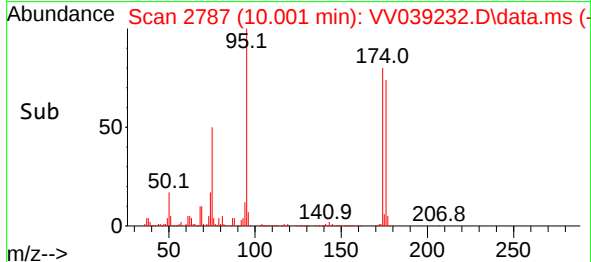
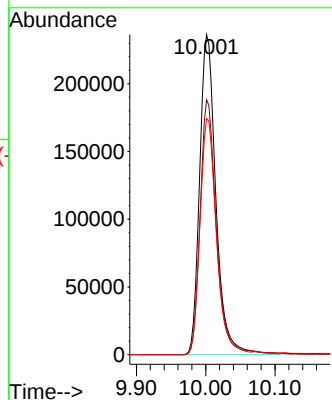
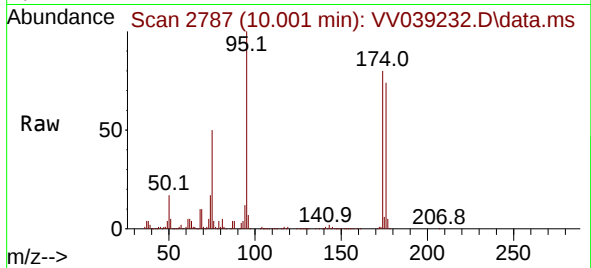




#62  
4-Bromofluorobenzene  
Concen: 41.650 ug/l  
RT: 10.001 min Scan# 21  
Delta R.T. 0.003 min  
Lab File: VV039232.D  
Acq: 29 Sep 2025 15:23

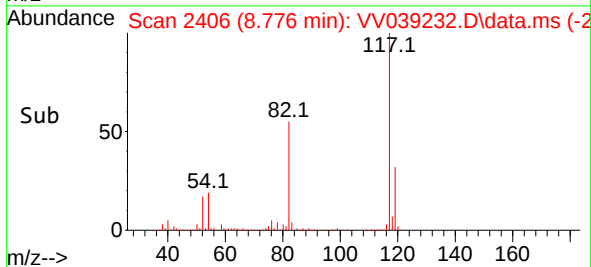
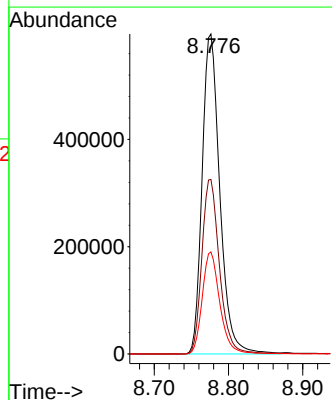
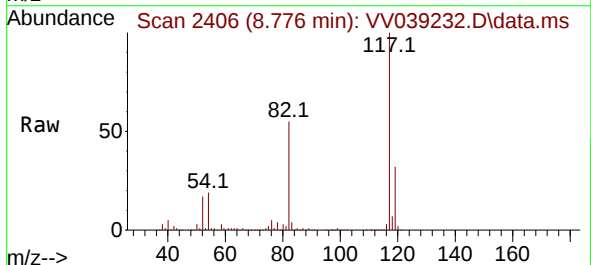
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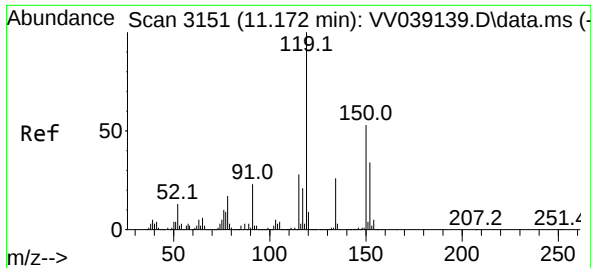
Tgt Ion: 95 Resp: 387535  
Ion Ratio Lower Upper  
95 100  
174 79.5 0.0 150.4  
176 74.0 0.0 144.2



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 8.776 min Scan# 2406  
Delta R.T. 0.003 min  
Lab File: VV039232.D  
Acq: 29 Sep 2025 15:23

Tgt Ion: 117 Resp: 989121  
Ion Ratio Lower Upper  
117 100  
82 54.6 45.4 68.2  
119 31.9 25.6 38.4





#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 11.175 min Scan# 31  
 Delta R.T. 0.003 min  
 Lab File: VV039232.D  
 Acq: 29 Sep 2025 15:23

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 PB169894TB

Tgt Ion:152 Resp: 422598  
 Ion Ratio Lower Upper  
 152 100  
 115 61.3 44.8 134.4  
 150 157.5 0.0 353.8

