

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\DATA\VV092625\  
 Data File : VV039212.D  
 Acq On : 26 Sep 2025 14:58  
 Operator : SY/MD  
 Sample : Q3195-13  
 Misc : 5.0mL/MSVOA\_V/WATER  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 MW-26-091925-FD

Quant Time: Sep 27 02:57:25 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

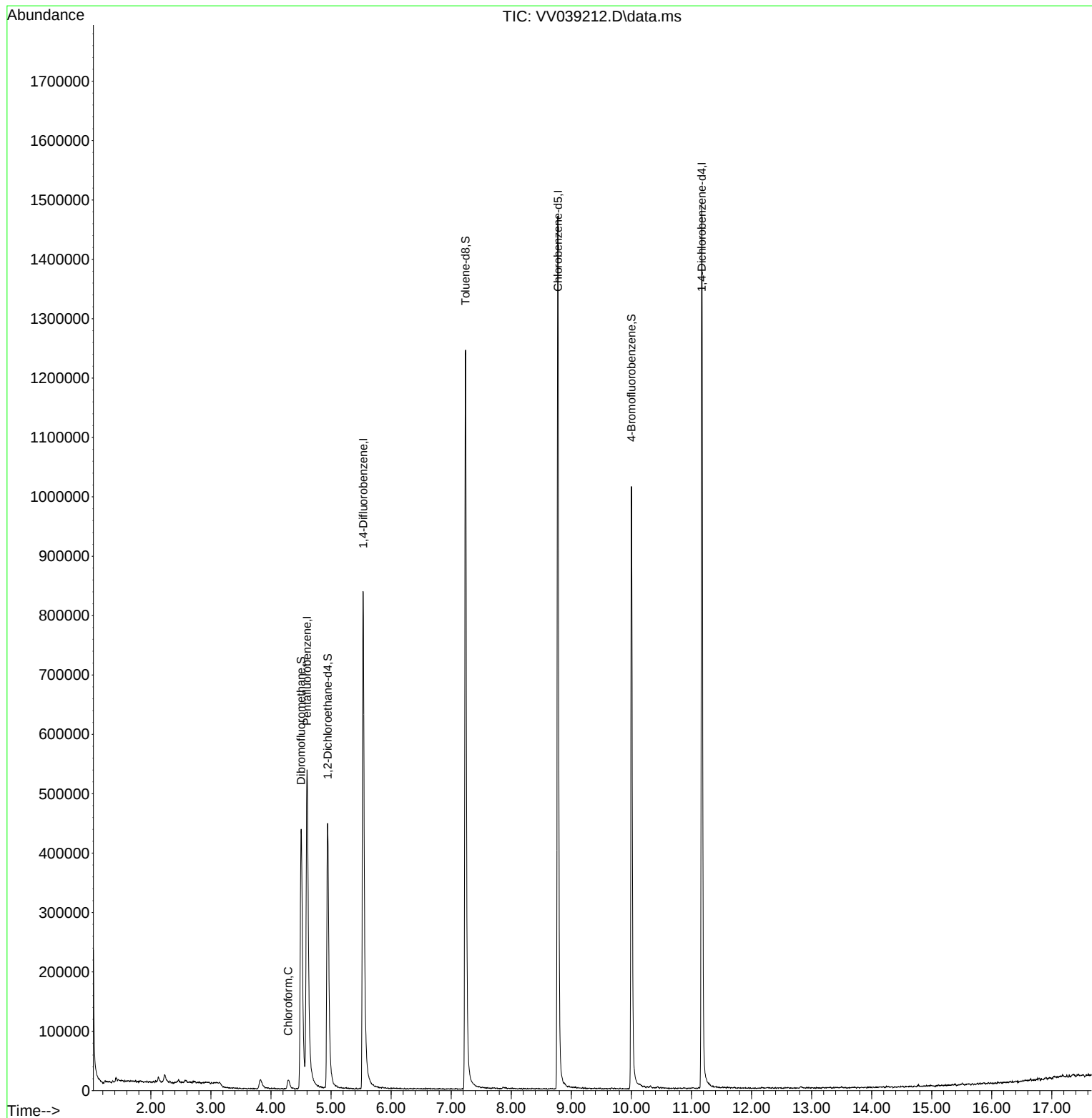
| Compound                    | R.T.   | QIon  | Response | Conc     | Units | Dev(Min)  |
|-----------------------------|--------|-------|----------|----------|-------|-----------|
| -----                       |        |       |          |          |       |           |
| Internal Standards          |        |       |          |          |       |           |
| 1) Pentafluorobenzene       | 4.600  | 168   | 454191   | 50.000   | ug/l  | 0.00      |
| 34) 1,4-Difluorobenzene     | 5.535  | 114   | 813227   | 50.000   | ug/l  | 0.00      |
| 63) Chlorobenzene-d5        | 8.776  | 117   | 842320   | 50.000   | ug/l  | 0.00      |
| 72) 1,4-Dichlorobenzene-d4  | 11.172 | 152   | 398907   | 50.000   | ug/l  | 0.00      |
| System Monitoring Compounds |        |       |          |          |       |           |
| 33) 1,2-Dichloroethane-d4   | 4.944  | 65    | 398953   | 60.691   | ug/l  | 0.00      |
| Spiked Amount               | 50.000 | Range | 81 - 118 | Recovery | =     | 121.380%# |
| 35) Dibromofluoromethane    | 4.503  | 113   | 366722   | 56.094   | ug/l  | 0.00      |
| Spiked Amount               | 50.000 | Range | 80 - 119 | Recovery | =     | 112.180%  |
| 50) Toluene-d8              | 7.239  | 98    | 915207   | 47.664   | ug/l  | 0.00      |
| Spiked Amount               | 50.000 | Range | 89 - 112 | Recovery | =     | 95.320%   |
| 62) 4-Bromofluorobenzene    | 10.001 | 95    | 350373   | 44.325   | ug/l  | 0.00      |
| Spiked Amount               | 50.000 | Range | 85 - 114 | Recovery | =     | 88.660%   |
| Target Compounds            |        |       |          |          |       |           |
| 30) Chloroform              | 4.288  | 83    | 17020    | 1.139    | ug/l  | Qvalue 89 |
| -----                       |        |       |          |          |       |           |

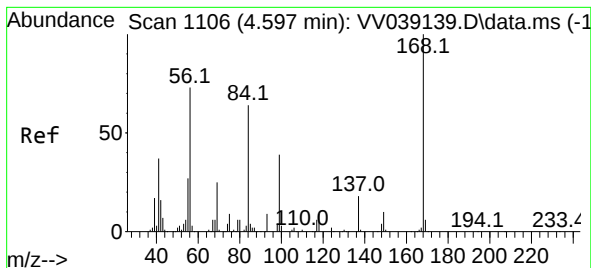
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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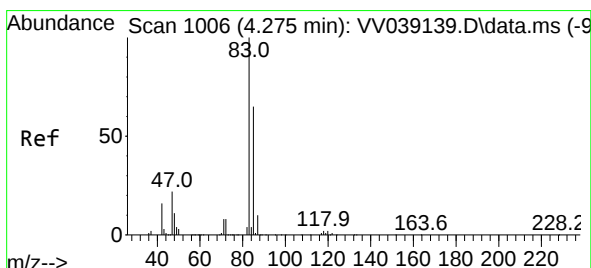
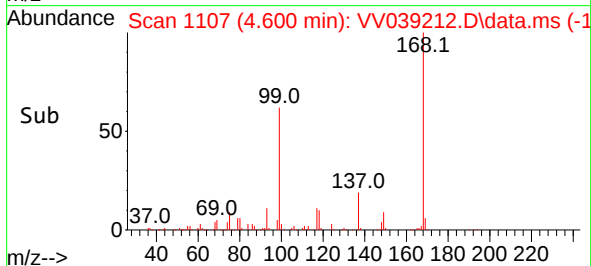
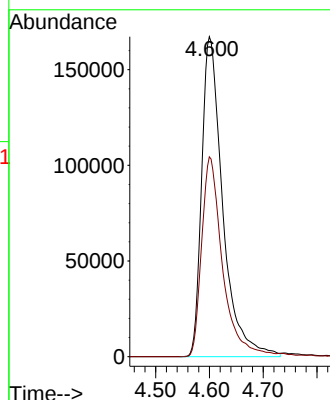
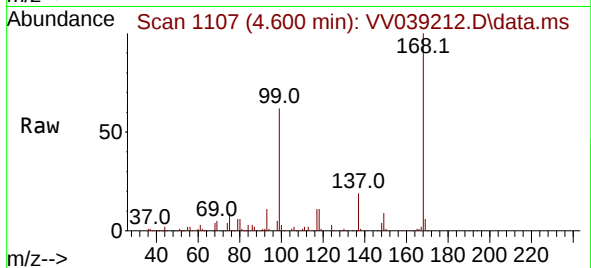




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 4.600 min Scan# 11  
Delta R.T. 0.003 min  
Lab File: VV039212.D  
Acq: 26 Sep 2025 14:58

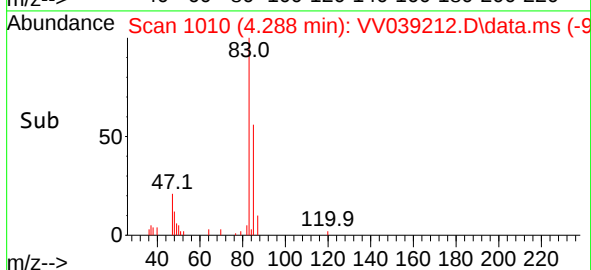
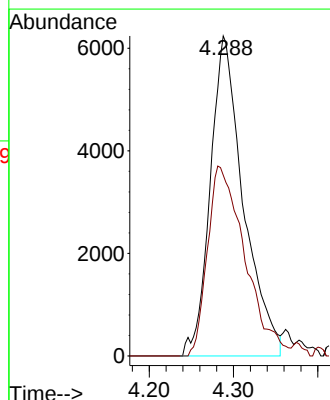
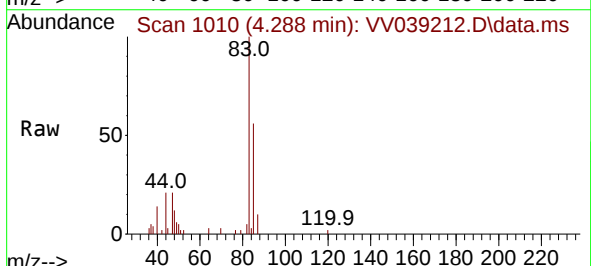
Instrument :  
MSVOA\_V  
ClientSampleId :  
MW-26-091925-FD

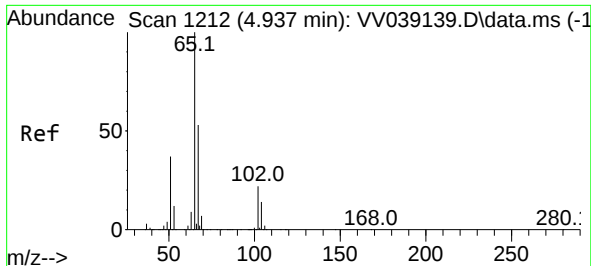
Tgt Ion:168 Resp: 454191  
Ion Ratio Lower Upper  
168 100  
99 62.4 49.6 74.4



#30  
Chloroform  
Concen: 1.139 ug/l  
RT: 4.288 min Scan# 1010  
Delta R.T. 0.013 min  
Lab File: VV039212.D  
Acq: 26 Sep 2025 14:58

Tgt Ion: 83 Resp: 17020  
Ion Ratio Lower Upper  
83 100  
85 56.5 52.1 78.1





#33

1,2-Dichloroethane-d4

Concen: 60.691 ug/l

RT: 4.944 min Scan# 1

Delta R.T. 0.006 min

Lab File: VV039212.D

Acq: 26 Sep 2025 14:58

Instrument :

MSVOA\_V

ClientSampleId :

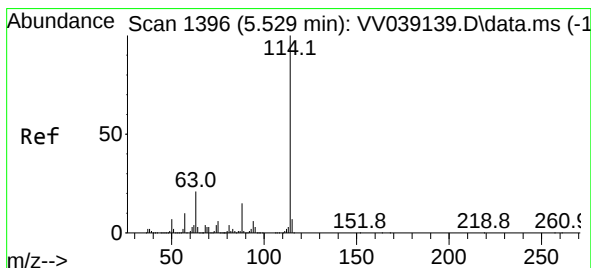
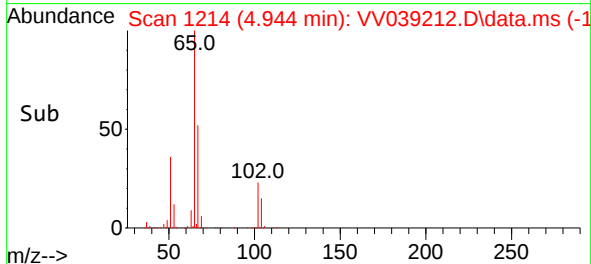
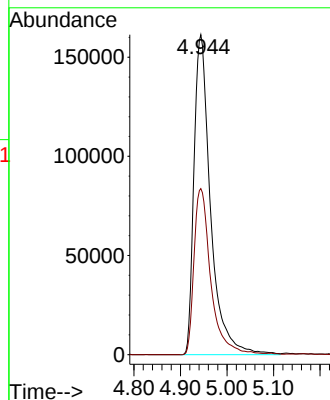
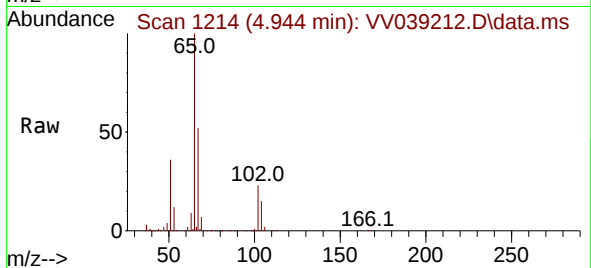
MW-26-091925-FD

Tgt Ion: 65 Resp: 398953

Ion Ratio Lower Upper

65 100

67 52.6 0.0 107.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.535 min Scan# 1398

Delta R.T. 0.006 min

Lab File: VV039212.D

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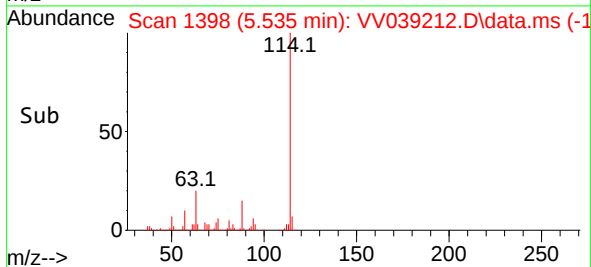
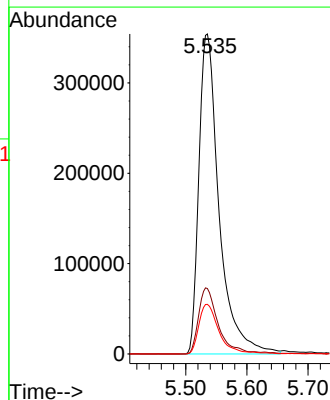
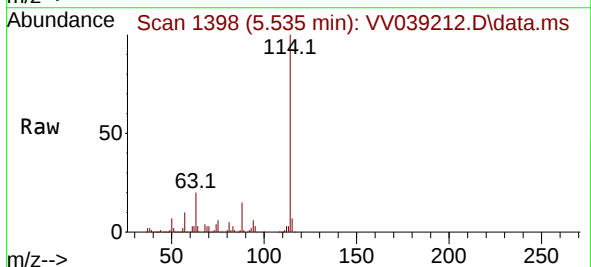
Tgt Ion: 114 Resp: 813227

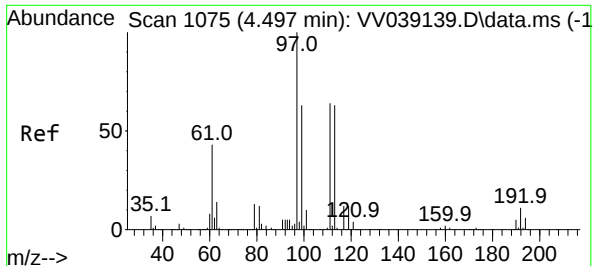
Ion Ratio Lower Upper

114 100

63 20.4 0.0 42.6

88 15.5 0.0 30.8

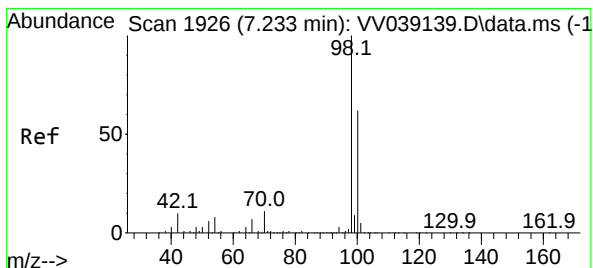
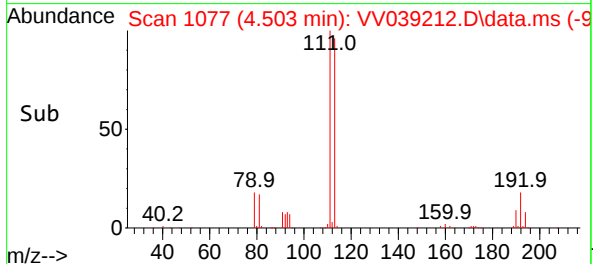
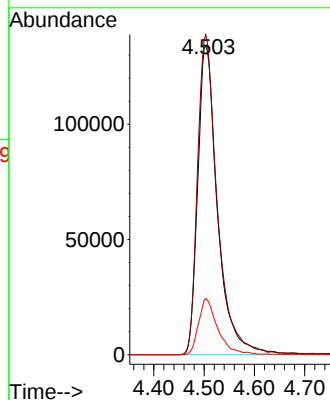
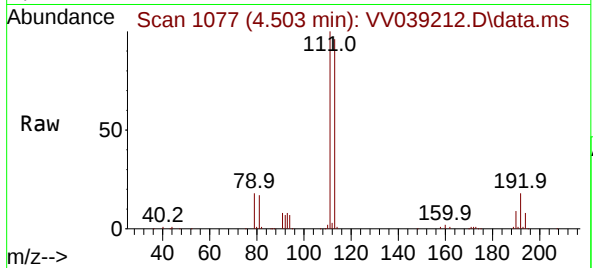




#35  
 Dibromofluoromethane  
 Concen: 56.094 ug/l  
 RT: 4.503 min Scan# 1077  
 Delta R.T. 0.006 min  
 Lab File: VV039212.D  
 Acq: 26 Sep 2025 14:58

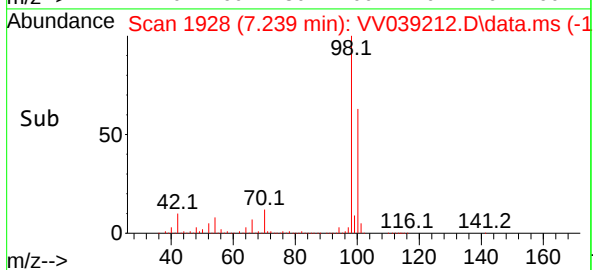
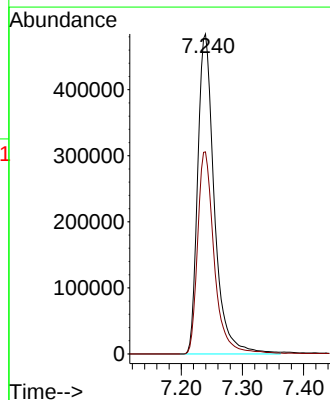
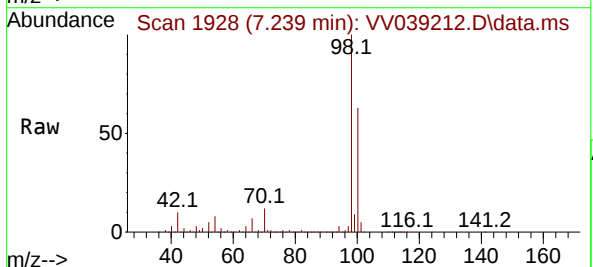
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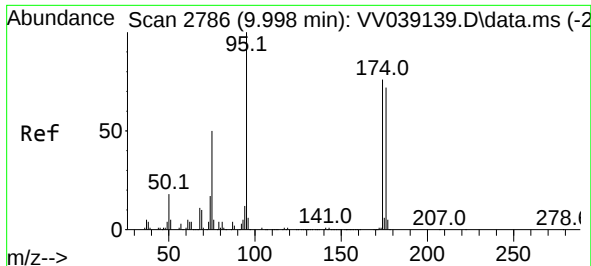
Tgt Ion:113 Resp: 366722  
 Ion Ratio Lower Upper  
 113 100  
 111 103.4 82.4 123.6  
 192 17.3 13.8 20.8



#50  
 Toluene-d8  
 Concen: 47.664 ug/l  
 RT: 7.239 min Scan# 1928  
 Delta R.T. 0.006 min  
 Lab File: VV039212.D  
 Acq: 26 Sep 2025 14:58

Tgt Ion: 98 Resp: 915207  
 Ion Ratio Lower Upper  
 98 100  
 100 63.1 52.2 78.2

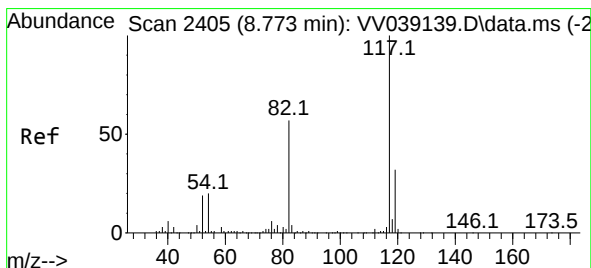
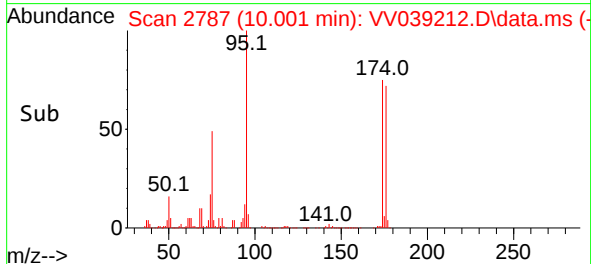
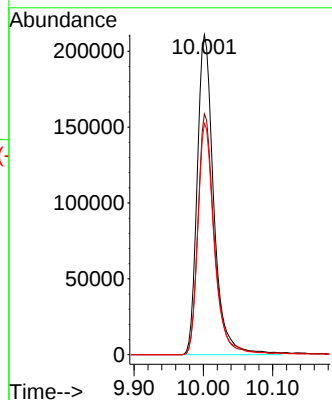
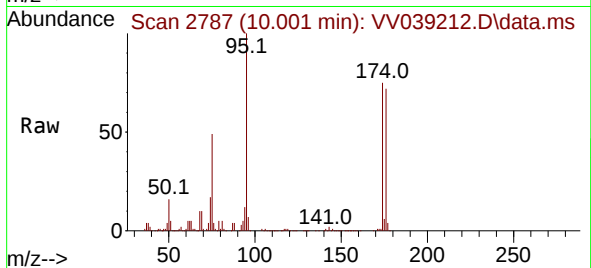




#62  
4-Bromofluorobenzene  
Concen: 44.325 ug/l  
RT: 10.001 min Scan# 21  
Delta R.T. 0.003 min  
Lab File: VV039212.D  
Acq: 26 Sep 2025 14:58

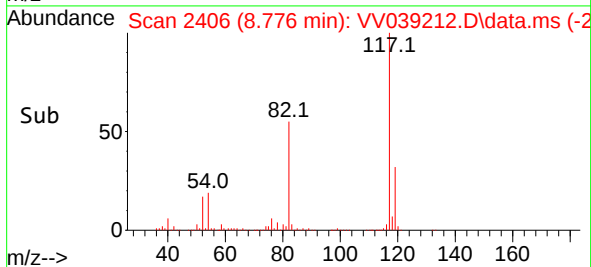
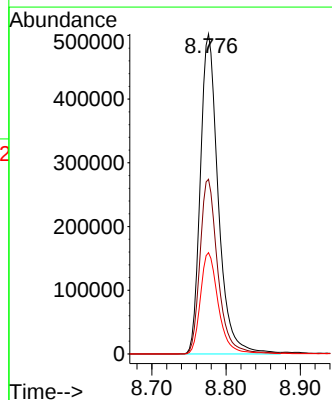
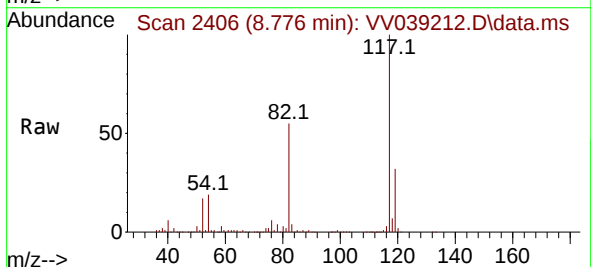
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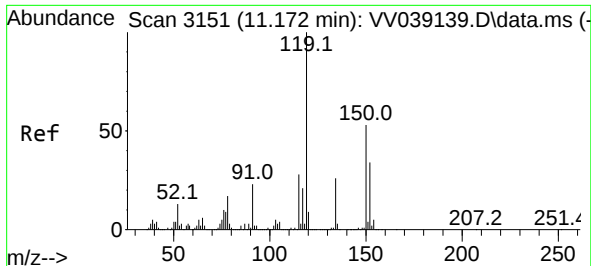
Tgt Ion: 95 Resp: 350373  
Ion Ratio Lower Upper  
95 100  
174 74.4 0.0 150.4  
176 72.0 0.0 144.2



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 8.776 min Scan# 2406  
Delta R.T. 0.003 min  
Lab File: VV039212.D  
Acq: 26 Sep 2025 14:58

Tgt Ion: 117 Resp: 842320  
Ion Ratio Lower Upper  
117 100  
82 54.6 45.4 68.2  
119 31.6 25.6 38.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.172 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV039212.D

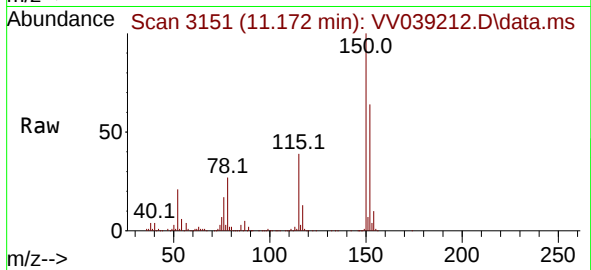
Acq: 26 Sep 2025 14:58

Instrument :

MSVOA\_V

ClientSampleId :

MW-26-091925-FD



Tgt Ion:152 Resp: 398907

Ion Ratio Lower Upper

152 100

115 61.7 44.8 134.4

150 156.4 0.0 353.8

