

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\DATA\VV082125\  
 Data File : VV039003.D  
 Acq On : 21 Aug 2025 23:37  
 Operator : SY/MD  
 Sample : Q2924-10  
 Misc : 5.0mL/MSVOA\_V/WATER  
 ALS Vial : 32 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 MW-8A-082025

Quant Time: Aug 22 04:41:55 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\82V082125W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Aug 22 04:15:04 2025  
 Response via : Initial Calibration

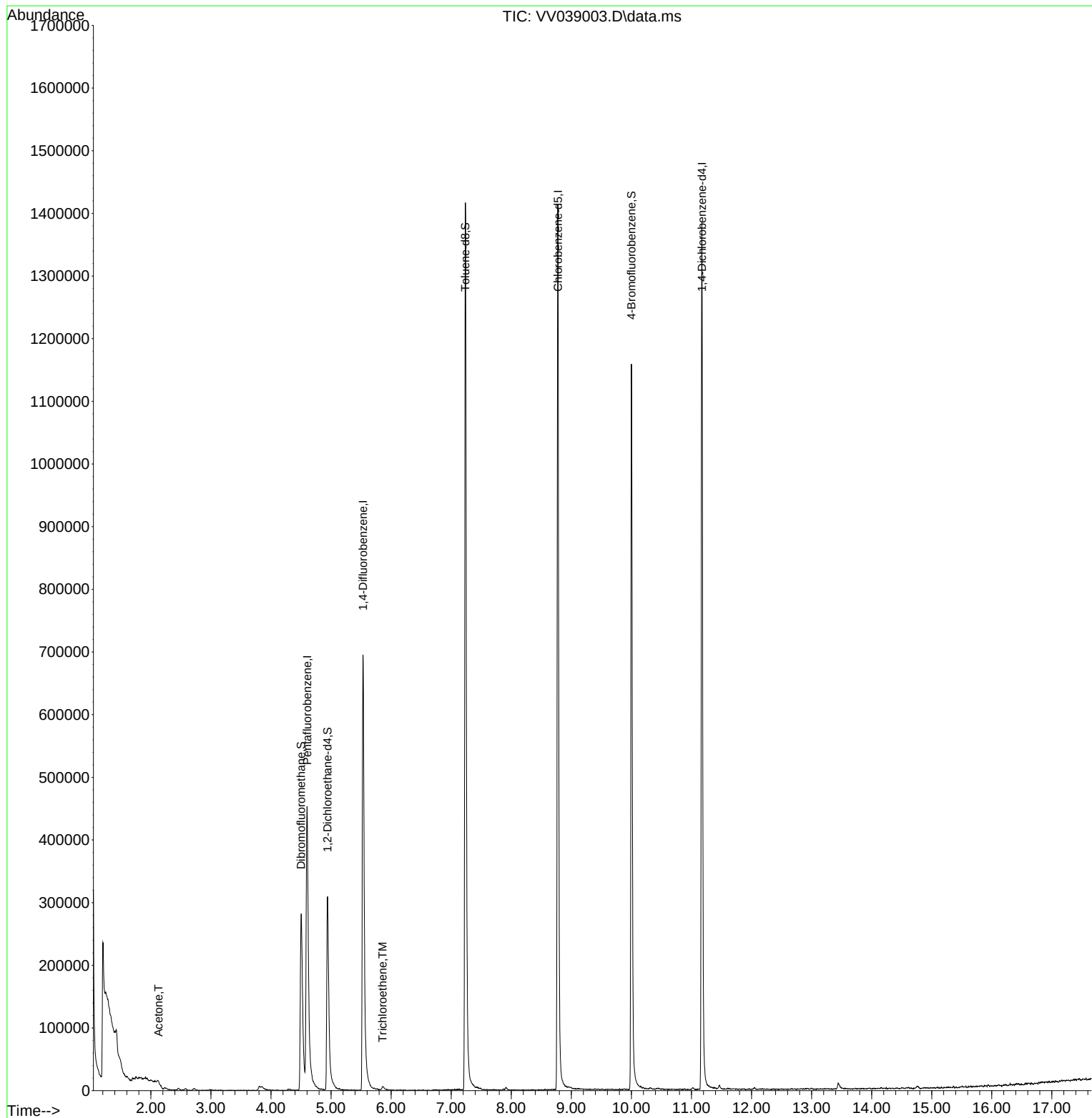
| Compound                    | R.T.   | QIon  | Response | Conc     | Units | Dev(Min)  |
|-----------------------------|--------|-------|----------|----------|-------|-----------|
| -----                       |        |       |          |          |       |           |
| Internal Standards          |        |       |          |          |       |           |
| 1) Pentafluorobenzene       | 4.603  | 168   | 403960   | 50.000   | ug/l  | 0.00      |
| 34) 1,4-Difluorobenzene     | 5.532  | 114   | 696194   | 50.000   | ug/l  | 0.00      |
| 63) Chlorobenzene-d5        | 8.776  | 117   | 801104   | 50.000   | ug/l  | 0.00      |
| 72) 1,4-Dichlorobenzene-d4  | 11.175 | 152   | 375249   | 50.000   | ug/l  | 0.00      |
| System Monitoring Compounds |        |       |          |          |       |           |
| 33) 1,2-Dichloroethane-d4   | 4.941  | 65    | 289211   | 51.023   | ug/l  | 0.00      |
| Spiked Amount               | 50.000 | Range | 81 - 118 | Recovery | =     | 102.040%  |
| 35) Dibromofluoromethane    | 4.503  | 113   | 235166   | 45.041   | ug/l  | 0.00      |
| Spiked Amount               | 50.000 | Range | 80 - 119 | Recovery | =     | 90.080%   |
| 50) Toluene-d8              | 7.236  | 98    | 1002580  | 55.068   | ug/l  | 0.00      |
| Spiked Amount               | 50.000 | Range | 89 - 112 | Recovery | =     | 110.140%  |
| 62) 4-Bromofluorobenzene    | 10.001 | 95    | 391864   | 58.836   | ug/l  | 0.00      |
| Spiked Amount               | 50.000 | Range | 85 - 114 | Recovery | =     | 117.680%# |
| Target Compounds            |        |       |          |          |       |           |
|                             |        |       |          |          |       | Qvalue    |
| 16) Acetone                 | 2.127  | 43    | 6439     | 2.830    | ug/l  | 97        |
| 44) Trichloroethene         | 5.857  | 130   | 2794     | 0.485    | ug/l  | 78        |
| -----                       |        |       |          |          |       |           |

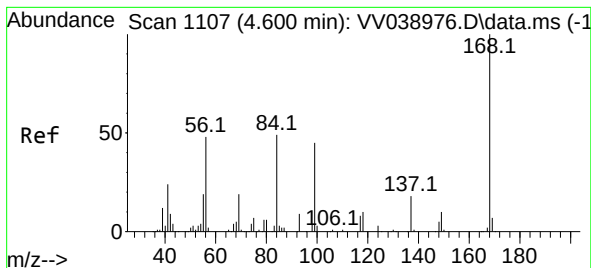
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\DATA\VV082125\  
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Quant Time: Aug 22 04:41:55 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\82V082125W.M  
Quant Title : SW846 8260  
QLast Update : Fri Aug 22 04:15:04 2025  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.603 min Scan# 1107

Delta R.T. 0.003 min

Lab File: VV039003.D

Acq: 21 Aug 2025 23:37

Instrument :

MSVOA\_V

ClientSampleId :

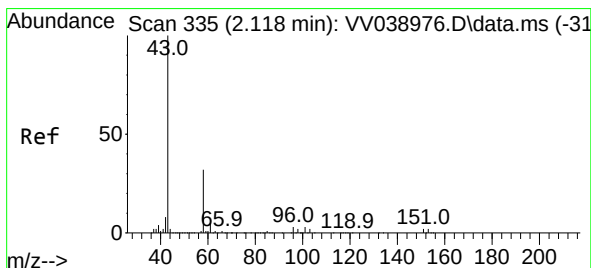
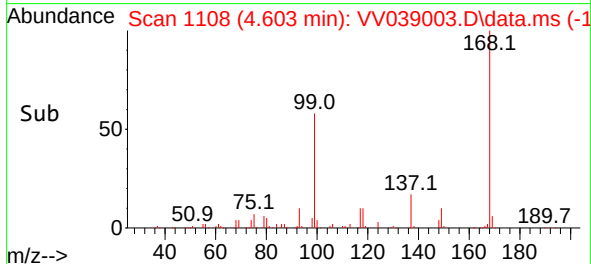
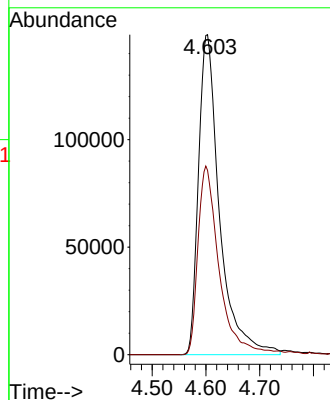
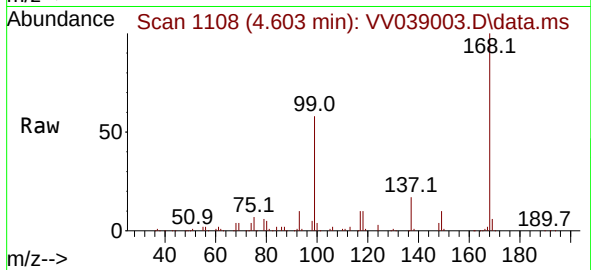
MW-8A-082025

Tgt Ion:168 Resp: 403960

Ion Ratio Lower Upper

168 100

99 57.6 47.0 70.6



#16

Acetone

Concen: 2.830 ug/l

RT: 2.127 min Scan# 338

Delta R.T. 0.010 min

Lab File: VV039003.D

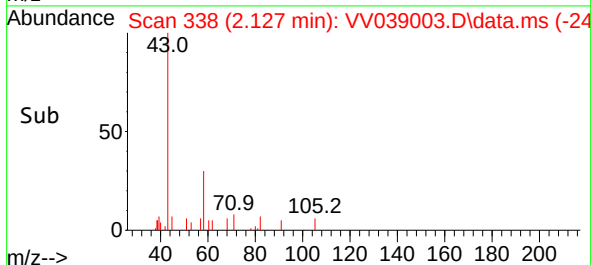
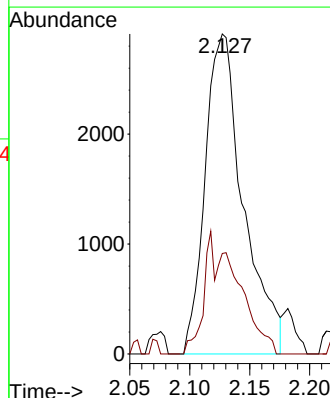
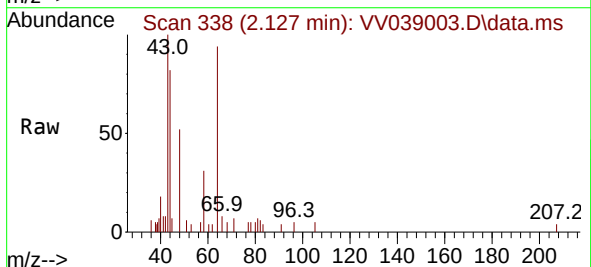
Acq: 21 Aug 2025 23:37

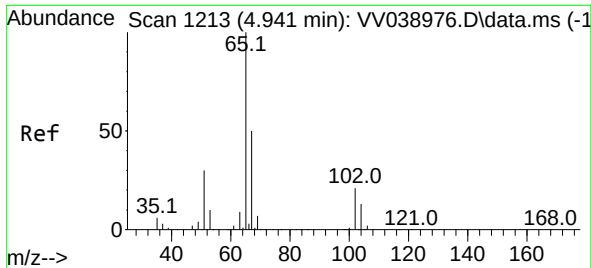
Tgt Ion: 43 Resp: 6439

Ion Ratio Lower Upper

43 100

58 31.4 26.3 39.5

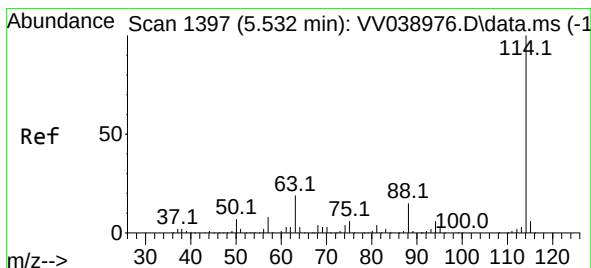
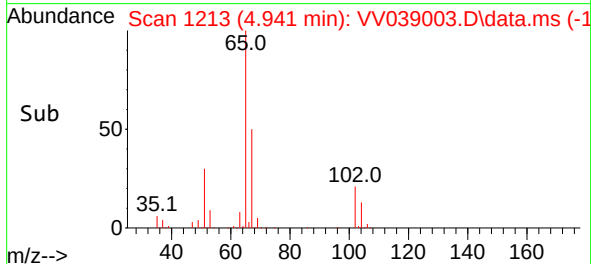
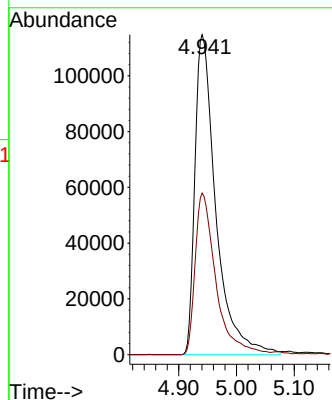
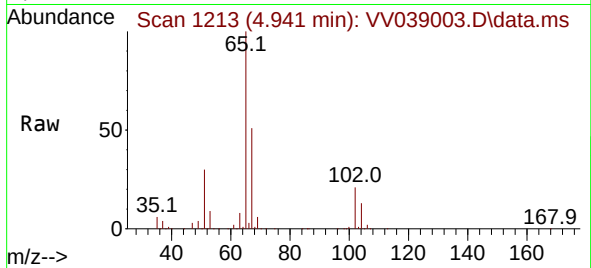




#33  
 1,2-Dichloroethane-d4  
 Concen: 51.023 ug/l  
 RT: 4.941 min Scan# 1213  
 Delta R.T. -0.000 min  
 Lab File: VV039003.D  
 Acq: 21 Aug 2025 23:37

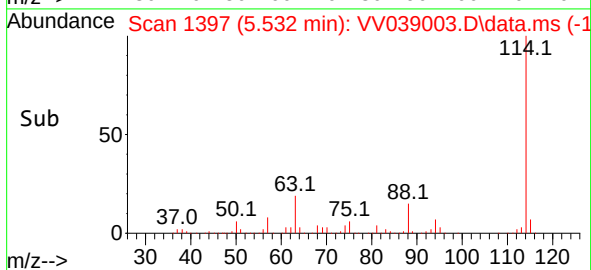
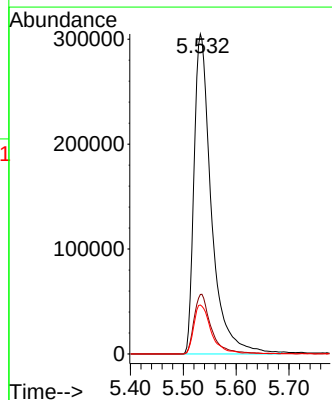
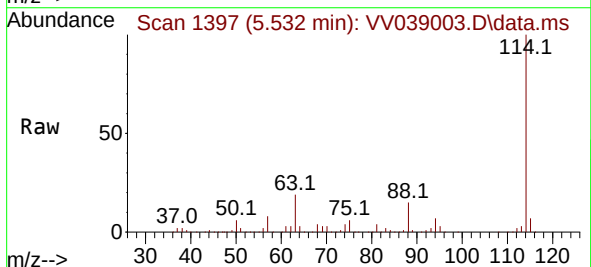
Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 MW-8A-082025

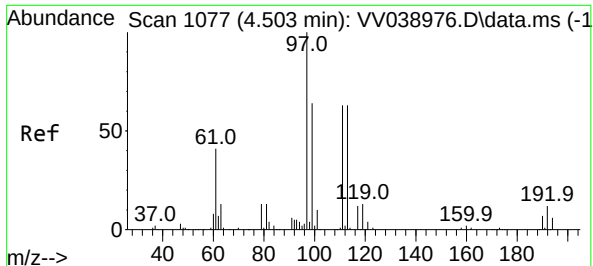
Tgt Ion: 65 Resp: 289211  
 Ion Ratio Lower Upper  
 65 100  
 67 50.0 0.0 100.4



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 5.532 min Scan# 1397  
 Delta R.T. -0.000 min  
 Lab File: VV039003.D  
 Acq: 21 Aug 2025 23:37

Tgt Ion: 114 Resp: 696194  
 Ion Ratio Lower Upper  
 114 100  
 63 18.6 0.0 37.4  
 88 15.3 0.0 30.4

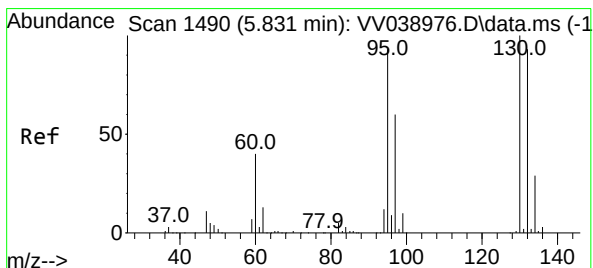
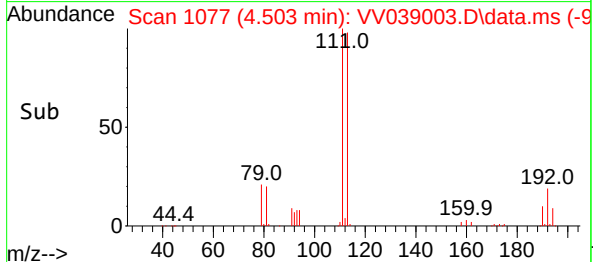
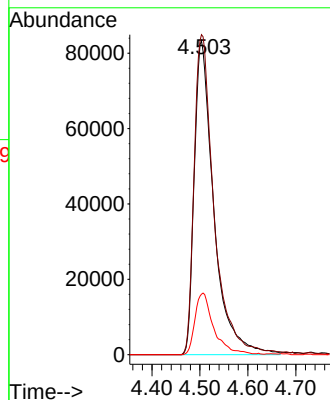
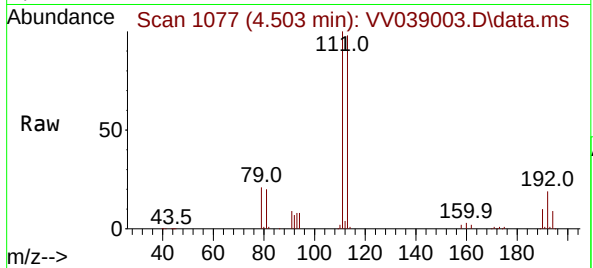




#35  
Dibromofluoromethane  
Concen: 45.041 ug/l  
RT: 4.503 min Scan# 113  
Delta R.T. -0.000 min  
Lab File: VV039003.D  
Acq: 21 Aug 2025 23:37

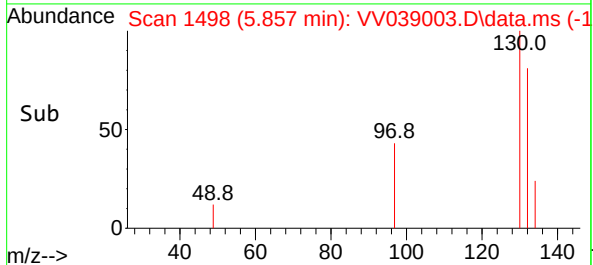
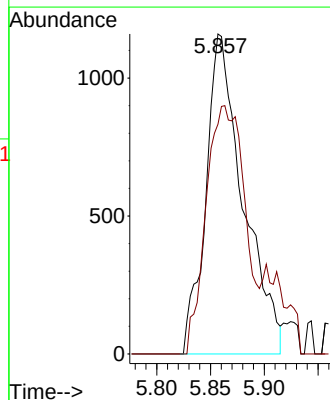
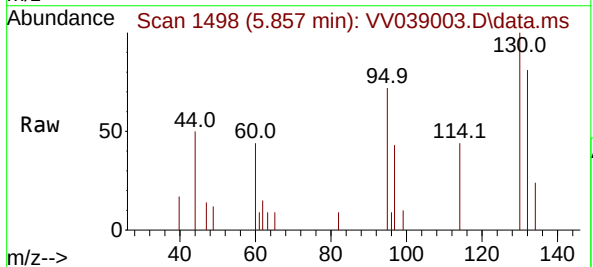
Instrument :  
MSVOA\_V  
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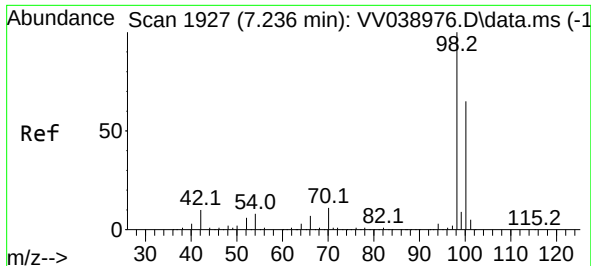
Tgt Ion:113 Resp: 235166  
Ion Ratio Lower Upper  
113 100  
111 103.1 81.3 121.9  
192 19.0 15.4 23.0



#44  
Trichloroethene  
Concen: 0.485 ug/l  
RT: 5.857 min Scan# 1498  
Delta R.T. 0.026 min  
Lab File: VV039003.D  
Acq: 21 Aug 2025 23:37

Tgt Ion:130 Resp: 2794  
Ion Ratio Lower Upper  
130 100  
95 71.8 0.0 186.6

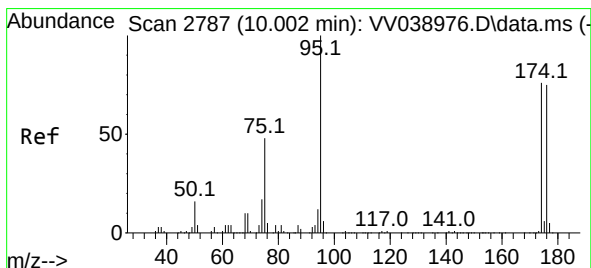
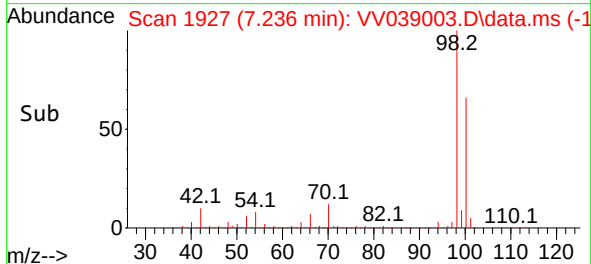
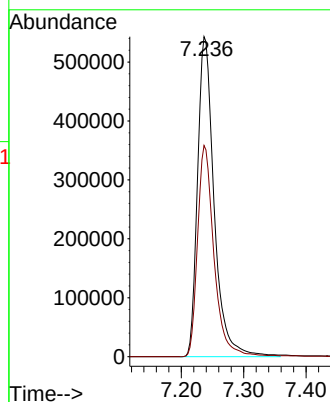
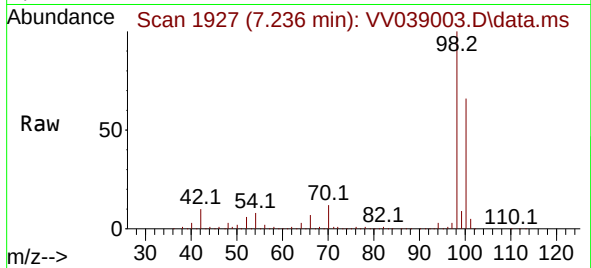




#50  
Toluene-d8  
Concen: 55.068 ug/l  
RT: 7.236 min Scan# 1927  
Delta R.T. -0.000 min  
Lab File: VV039003.D  
Acq: 21 Aug 2025 23:37

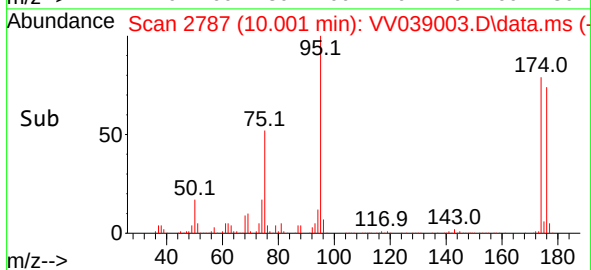
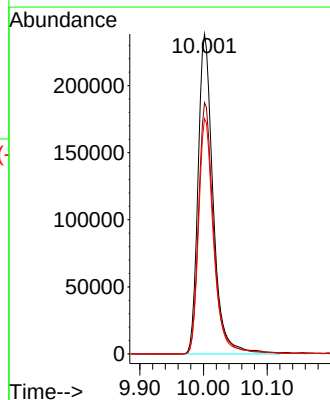
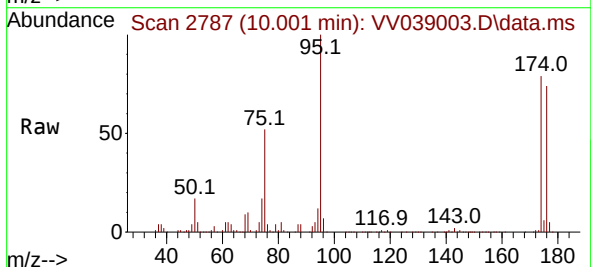
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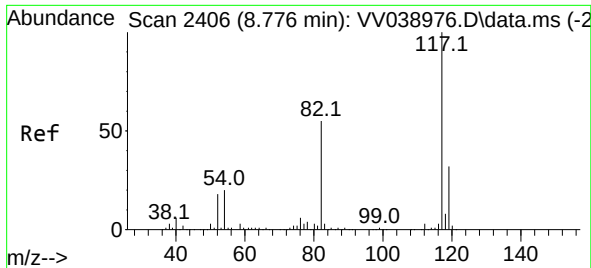
Tgt Ion: 98 Resp: 1002580  
Ion Ratio Lower Upper  
98 100  
100 65.2 52.2 78.2



#62  
4-Bromofluorobenzene  
Concen: 58.836 ug/l  
RT: 10.001 min Scan# 2787  
Delta R.T. -0.000 min  
Lab File: VV039003.D  
Acq: 21 Aug 2025 23:37

Tgt Ion: 95 Resp: 391864  
Ion Ratio Lower Upper  
95 100  
174 78.7 0.0 154.4  
176 73.0 0.0 148.6

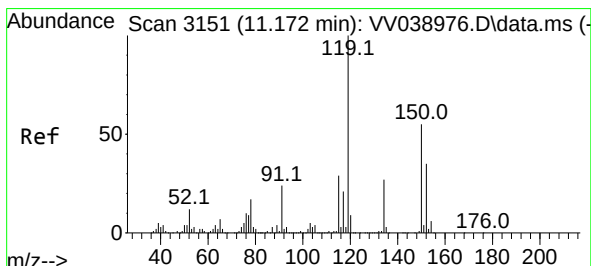
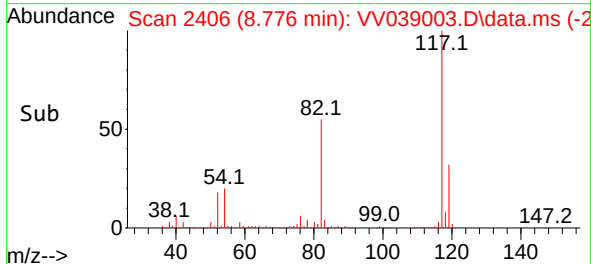
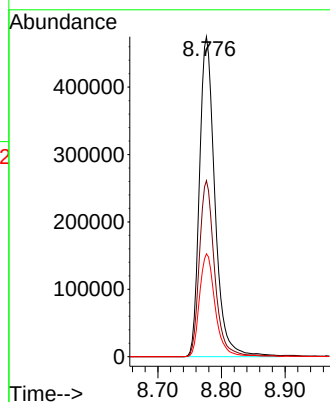
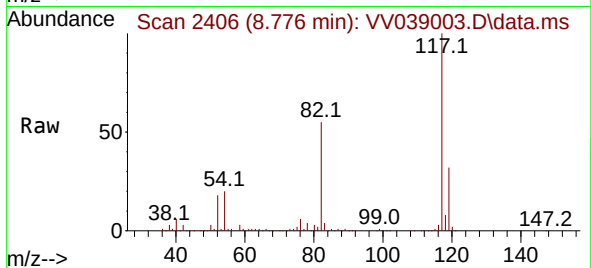




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 8.776 min Scan# 2406  
Delta R.T. 0.000 min  
Lab File: VV039003.D  
Acq: 21 Aug 2025 23:37

Instrument :  
MSVOA\_V  
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Tgt Ion:117 Resp: 801104  
Ion Ratio Lower Upper  
117 100  
82 55.0 44.4 66.6  
119 32.1 26.0 39.0



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 11.175 min Scan# 3152  
Delta R.T. 0.003 min  
Lab File: VV039003.D  
Acq: 21 Aug 2025 23:37

Tgt Ion:152 Resp: 375249  
Ion Ratio Lower Upper  
152 100  
115 59.5 42.5 127.5  
150 157.0 0.0 344.8

