

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\DATA\VV092925\  
 Data File : VV039234.D  
 Acq On : 29 Sep 2025 16:08  
 Operator : SY/MD  
 Sample : Q3231-08  
 Misc : 5.0mL/MSVOA\_V/WATER  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 WC-2

Quant Time: Sep 30 01:27:59 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

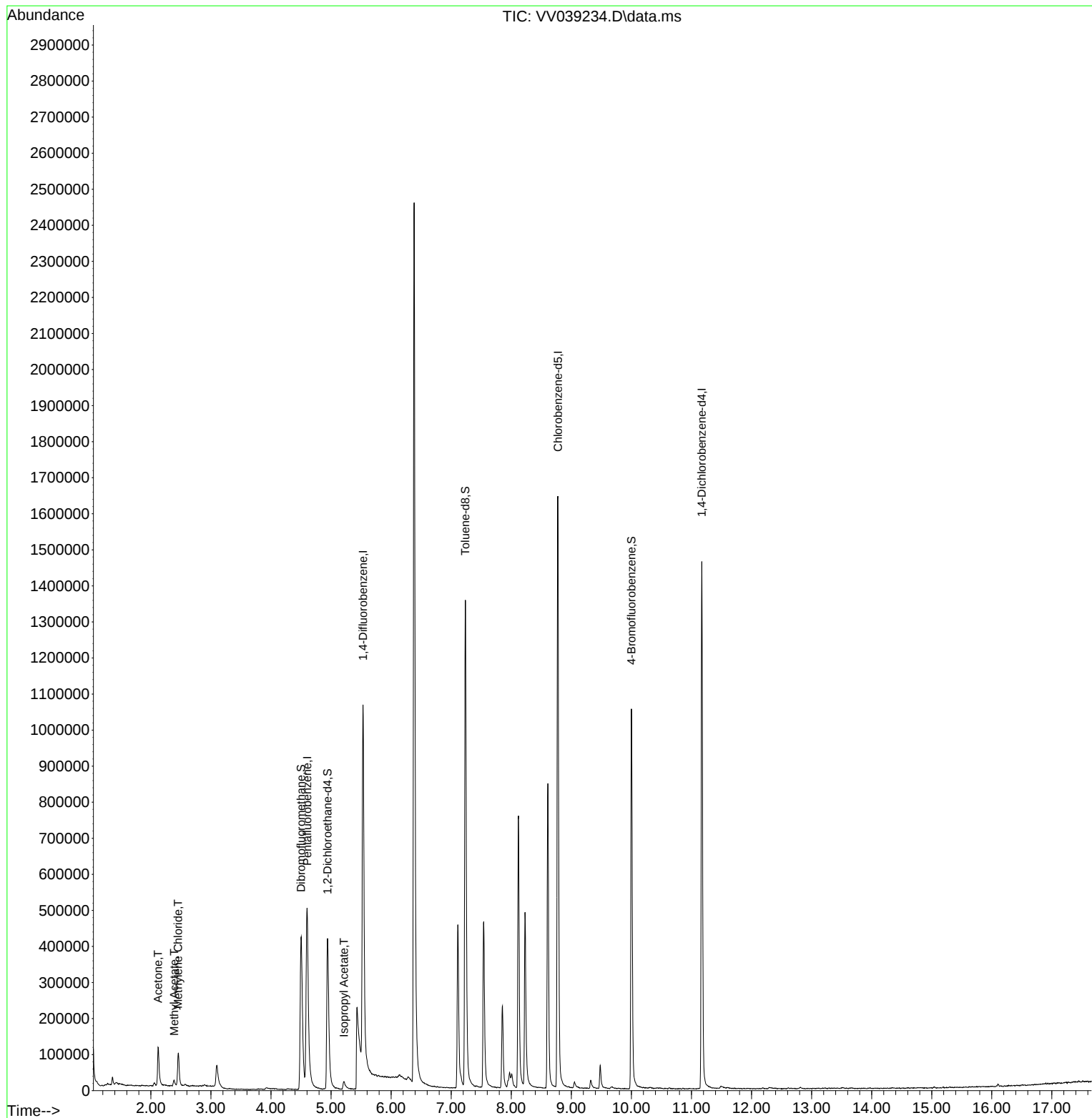
| Compound                    | R.T. QIon |       | Response | Conc     | Units  | Dev(Min)  |
|-----------------------------|-----------|-------|----------|----------|--------|-----------|
| -----                       |           |       |          |          |        |           |
| Internal Standards          |           |       |          |          |        |           |
| 1) Pentafluorobenzene       | 4.603     | 168   | 432703   | 50.000   | ug/l   | 0.00      |
| 34) 1,4-Difluorobenzene     | 5.532     | 114   | 905184   | 50.000   | ug/l   | 0.00      |
| 63) Chlorobenzene-d5        | 8.776     | 117   | 925002   | 50.000   | ug/l   | 0.00      |
| 72) 1,4-Dichlorobenzene-d4  | 11.172    | 152   | 393713   | 50.000   | ug/l   | 0.00      |
| System Monitoring Compounds |           |       |          |          |        |           |
| 33) 1,2-Dichloroethane-d4   | 4.940     | 65    | 376726   | 60.156   | ug/l   | 0.00      |
| Spiked Amount               | 50.000    | Range | 81 - 118 | Recovery | =      | 120.320%# |
| 35) Dibromofluoromethane    | 4.503     | 113   | 360306   | 49.513   | ug/l   | 0.00      |
| Spiked Amount               | 50.000    | Range | 80 - 119 | Recovery | =      | 99.020%   |
| 50) Toluene-d8              | 7.236     | 98    | 981084   | 45.904   | ug/l   | 0.00      |
| Spiked Amount               | 50.000    | Range | 89 - 112 | Recovery | =      | 91.800%   |
| 62) 4-Bromofluorobenzene    | 10.001    | 95    | 358135   | 40.704   | ug/l   | 0.00      |
| Spiked Amount               | 50.000    | Range | 85 - 114 | Recovery | =      | 81.400%#  |
| Target Compounds            |           |       |          |          |        |           |
|                             |           |       |          |          | Qvalue |           |
| 16) Acetone                 | 2.121     | 43    | 134393   | 29.029   | ug/l   | 99        |
| 18) Methyl Acetate          | 2.388     | 43    | 20900    | 2.252    | ug/l   | 95        |
| 20) Methylene Chloride      | 2.455     | 84    | 45472    | 4.849    | ug/l   | 89        |
| 43) Isopropyl Acetate       | 5.214     | 43    | 29356    | 1.613    | ug/l # | 92        |
| -----                       |           |       |          |          |        |           |

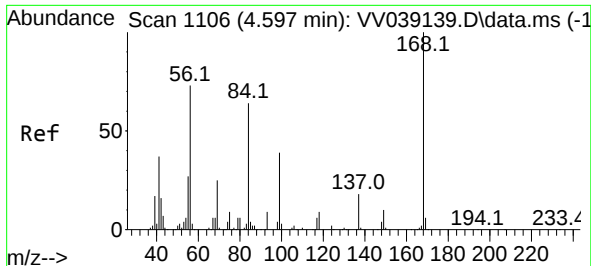
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA\_V  
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WC-2

Quant Time: Sep 30 01:27:59 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\82V092225W.M  
Quant Title : SW846 8260  
QLast Update : Wed Sep 24 08:08:08 2025  
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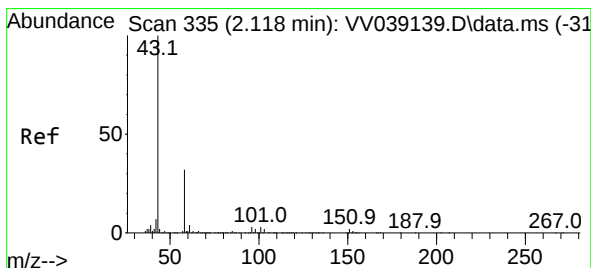
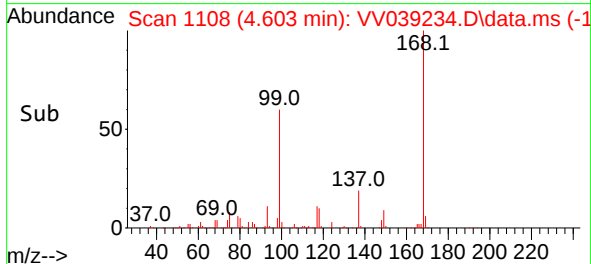
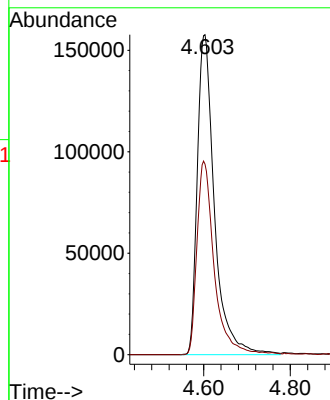
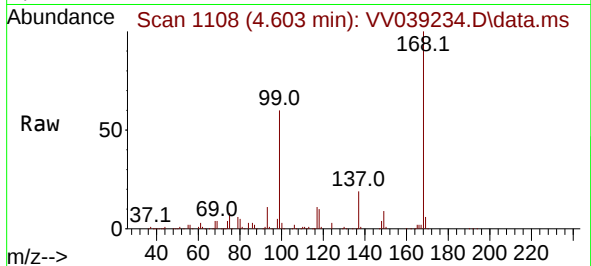




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 4.603 min Scan# 1108  
Delta R.T. 0.006 min  
Lab File: VV039234.D  
Acq: 29 Sep 2025 16:08

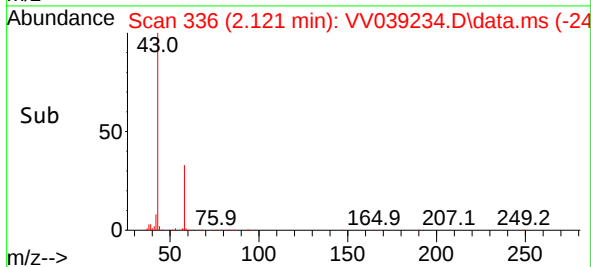
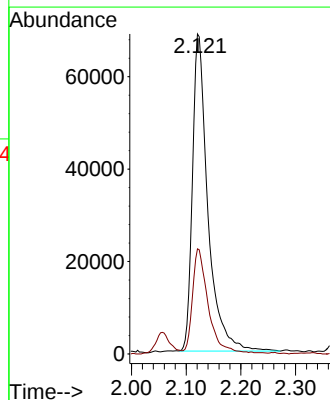
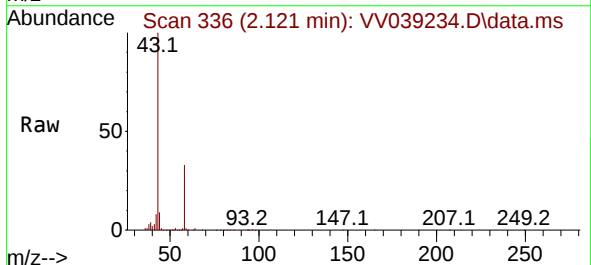
Instrument :  
MSVOA\_V  
ClientSampleId :  
WC-2

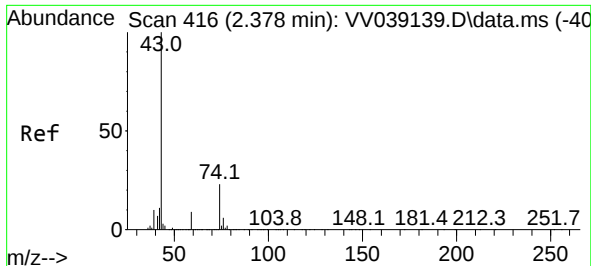
Tgt Ion:168 Resp: 432703  
Ion Ratio Lower Upper  
168 100  
99 59.5 49.6 74.4



#16  
Acetone  
Concen: 29.029 ug/l  
RT: 2.121 min Scan# 336  
Delta R.T. 0.003 min  
Lab File: VV039234.D  
Acq: 29 Sep 2025 16:08

Tgt Ion: 43 Resp: 134393  
Ion Ratio Lower Upper  
43 100  
58 33.0 25.8 38.6

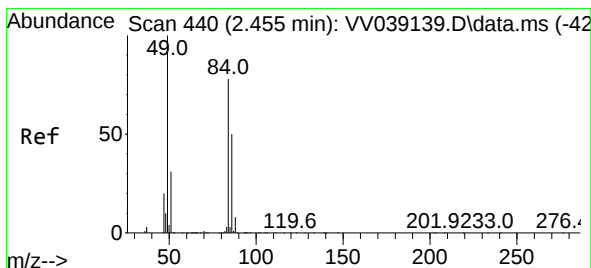
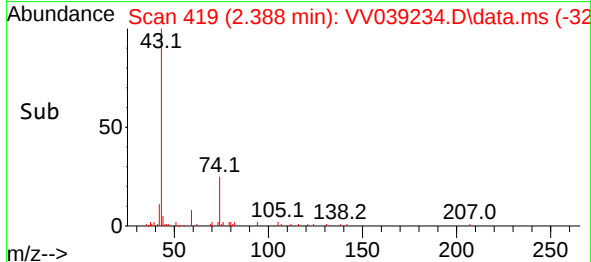
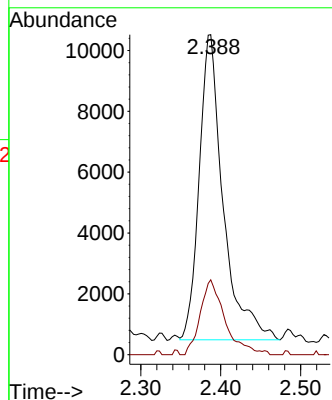
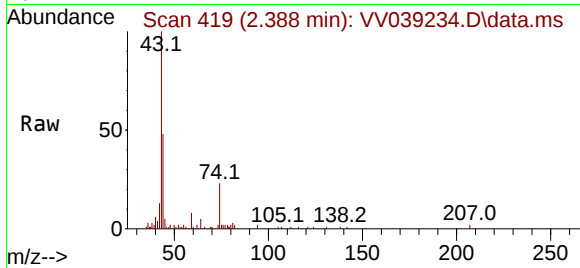




#18  
Methyl Acetate  
Concen: 2.252 ug/l  
RT: 2.388 min Scan# 416  
Delta R.T. 0.010 min  
Lab File: VV039234.D  
Acq: 29 Sep 2025 16:08

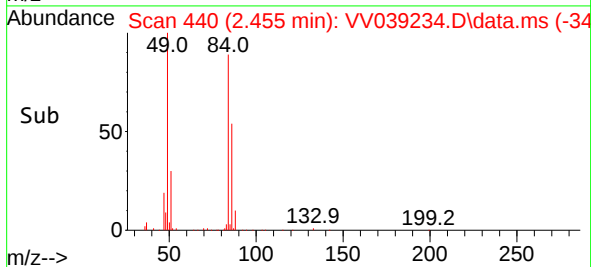
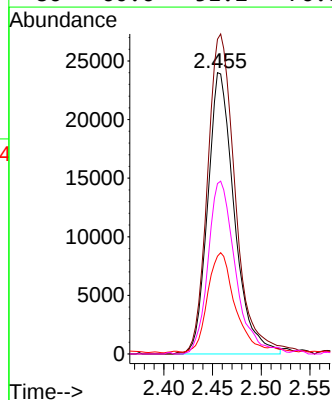
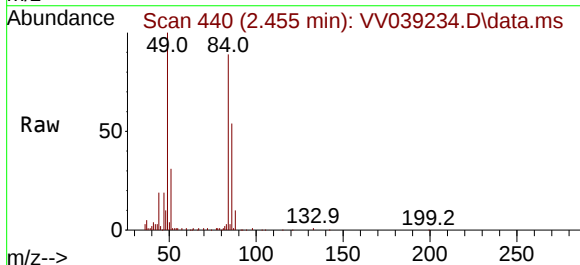
Instrument :  
MSVOA\_V  
ClientSampleId :  
WC-2

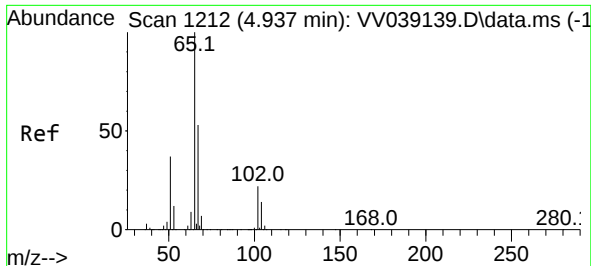
Tgt Ion: 43 Resp: 20900  
Ion Ratio Lower Upper  
43 100  
74 25.4 18.6 27.8



#20  
Methylene Chloride  
Concen: 4.849 ug/l  
RT: 2.455 min Scan# 440  
Delta R.T. 0.000 min  
Lab File: VV039234.D  
Acq: 29 Sep 2025 16:08

Tgt Ion: 84 Resp: 45472  
Ion Ratio Lower Upper  
84 100  
49 111.3 102.8 154.2  
51 34.0 31.9 47.9  
86 60.6 51.2 76.8





#33

1,2-Dichloroethane-d4

Concen: 60.156 ug/l

RT: 4.940 min Scan# 11

Delta R.T. 0.003 min

Lab File: VV039234.D

Acq: 29 Sep 2025 16:08

Instrument :

MSVOA\_V

ClientSampleId :

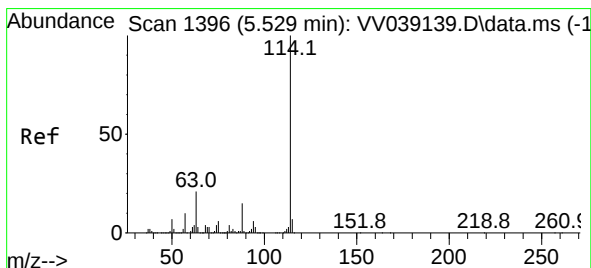
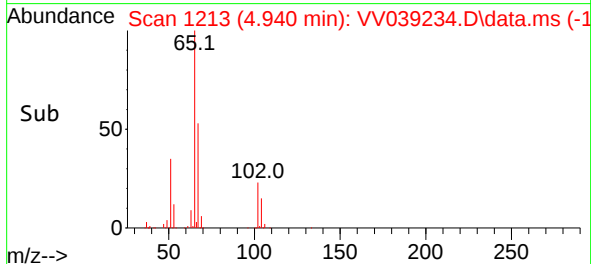
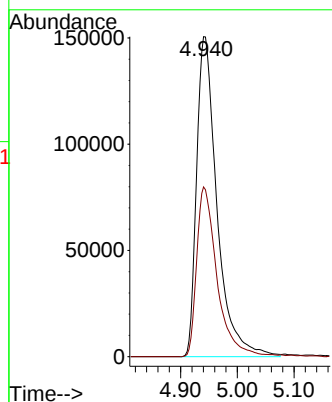
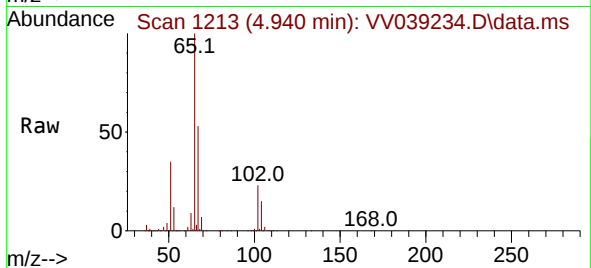
WC-2

Tgt Ion: 65 Resp: 376726

Ion Ratio Lower Upper

65 100

67 52.9 0.0 107.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.532 min Scan# 1397

Delta R.T. 0.003 min

Lab File: VV039234.D

Acq: 29 Sep 2025 16:08

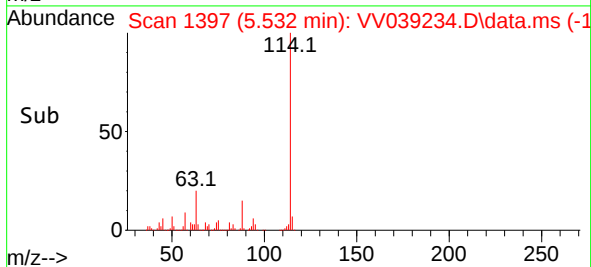
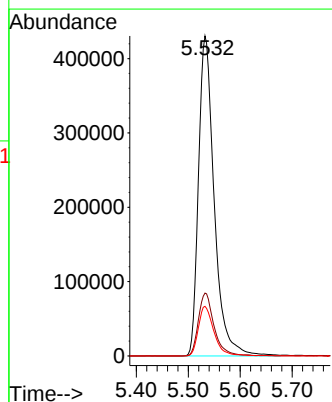
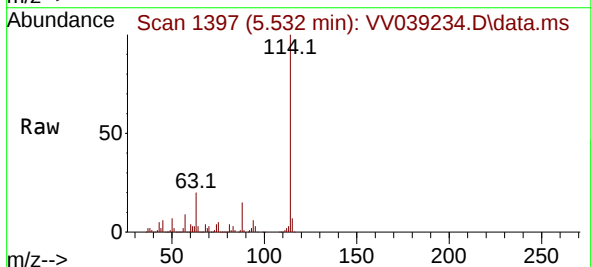
Tgt Ion: 114 Resp: 905184

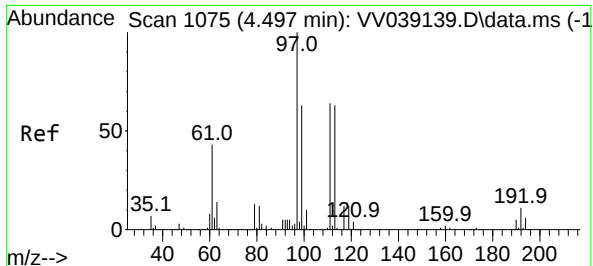
Ion Ratio Lower Upper

114 100

63 19.7 0.0 42.6

88 15.5 0.0 30.8

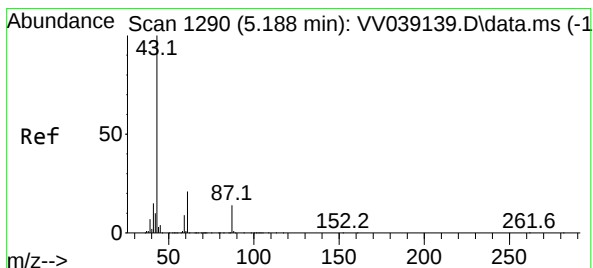
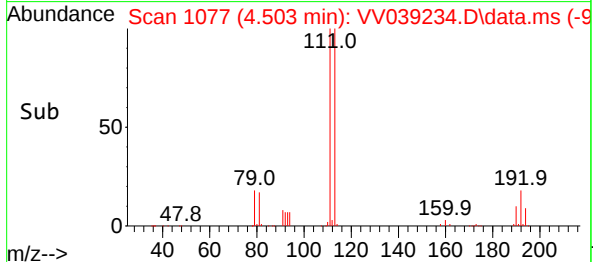
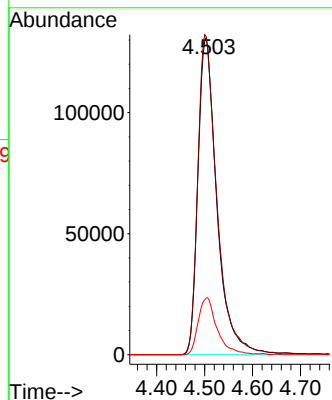
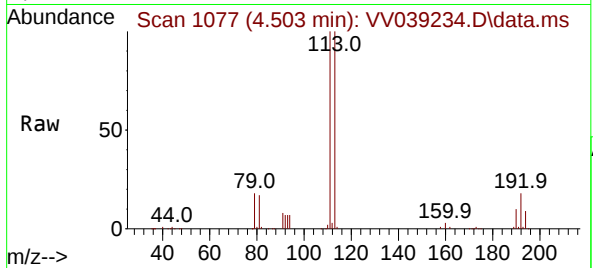




#35  
Dibromofluoromethane  
Concen: 49.513 ug/l  
RT: 4.503 min Scan# 113  
Delta R.T. 0.006 min  
Lab File: VV039234.D  
Acq: 29 Sep 2025 16:08

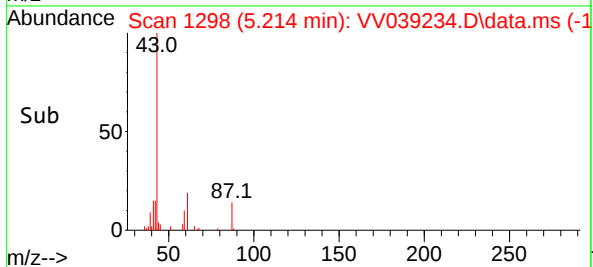
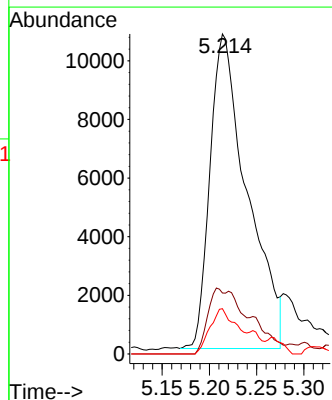
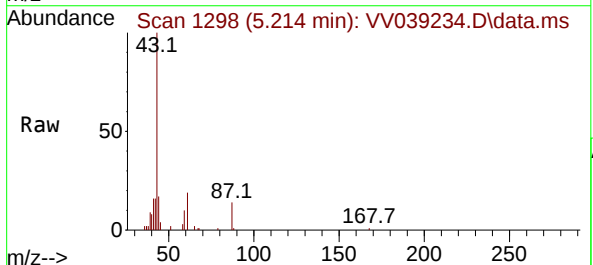
Instrument :  
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ClientSampleId :  
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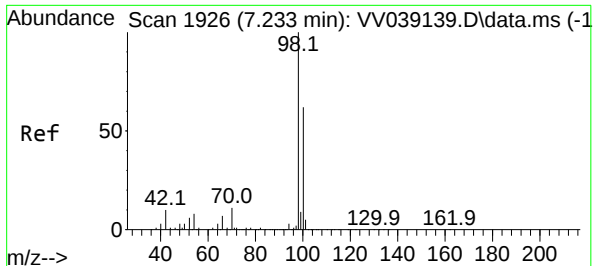
Tgt Ion:113 Resp: 360306  
Ion Ratio Lower Upper  
113 100  
111 101.5 82.4 123.6  
192 17.8 13.8 20.8



#43  
Isopropyl Acetate  
Concen: 1.613 ug/l  
RT: 5.214 min Scan# 1298  
Delta R.T. 0.026 min  
Lab File: VV039234.D  
Acq: 29 Sep 2025 16:08

Tgt Ion: 43 Resp: 29356  
Ion Ratio Lower Upper  
43 100  
61 23.8 15.9 23.9  
87 10.4 11.0 16.6#





#50

Toluene-d8

Concen: 45.904 ug/l

RT: 7.236 min Scan# 1926

Delta R.T. 0.003 min

Lab File: VV039234.D

Acq: 29 Sep 2025 16:08

Instrument :

MSVOA\_V

ClientSampleId :

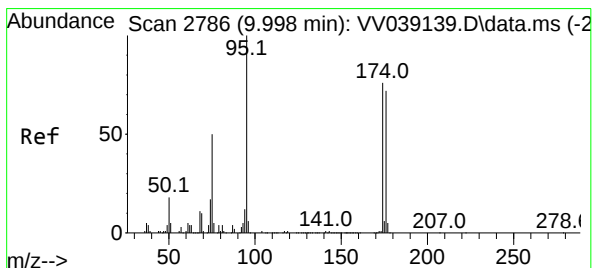
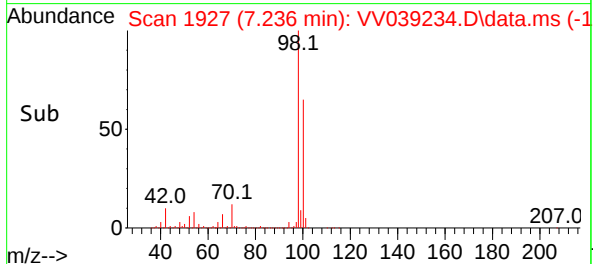
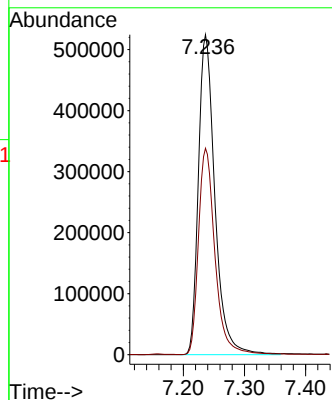
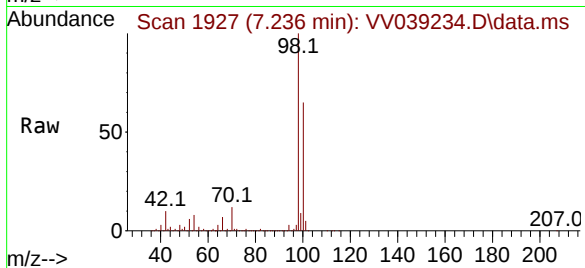
WC-2

Tgt Ion: 98 Resp: 981084

Ion Ratio Lower Upper

98 100

100 64.3 52.2 78.2



#62

4-Bromofluorobenzene

Concen: 40.704 ug/l

RT: 10.001 min Scan# 2787

Delta R.T. 0.003 min

Lab File: VV039234.D

Acq: 29 Sep 2025 16:08

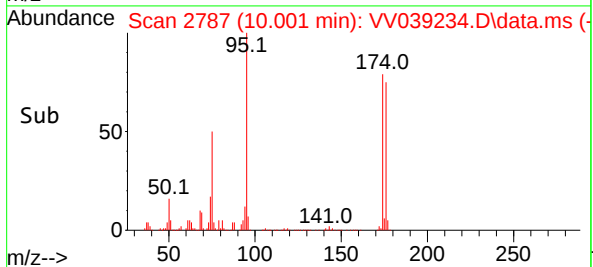
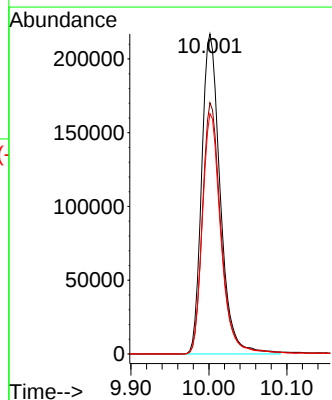
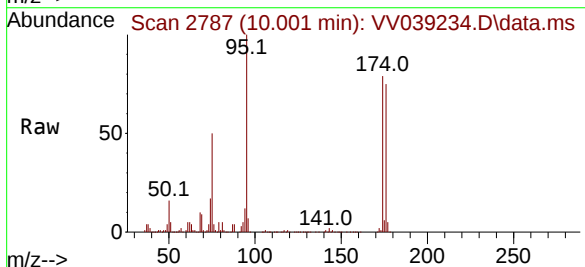
Tgt Ion: 95 Resp: 358135

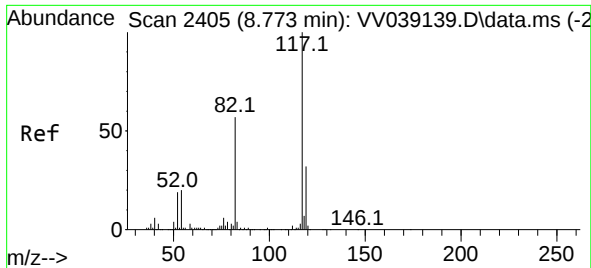
Ion Ratio Lower Upper

95 100

174 78.3 0.0 150.4

176 75.2 0.0 144.2

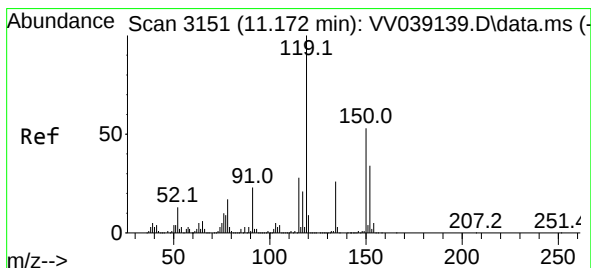
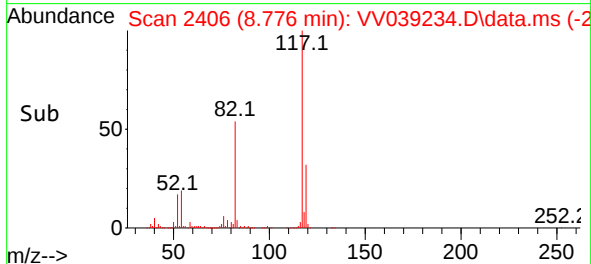
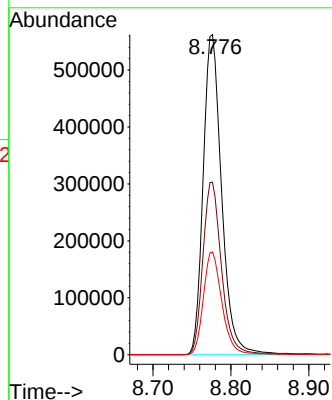
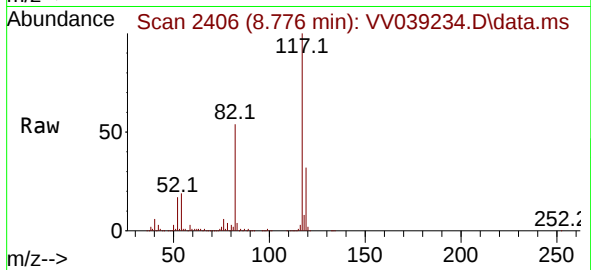




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 8.776 min Scan# 2406  
Delta R.T. 0.003 min  
Lab File: VV039234.D  
Acq: 29 Sep 2025 16:08

Instrument :  
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ClientSampleId :  
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Tgt Ion:117 Resp: 925002  
Ion Ratio Lower Upper  
117 100  
82 53.9 45.4 68.2  
119 32.1 25.6 38.4



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 11.172 min Scan# 3151  
Delta R.T. -0.000 min  
Lab File: VV039234.D  
Acq: 29 Sep 2025 16:08

Tgt Ion:152 Resp: 393713  
Ion Ratio Lower Upper  
152 100  
115 59.6 44.8 134.4  
150 157.4 0.0 353.8

