

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW111725\  
 Data File : VW032457.D  
 Acq On : 17 Nov 2025 14:55  
 Operator : SY/MD  
 Sample : Q3633-03  
 Misc : 5.52g/5mL/MSVOA\_W/SOIL/A  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 ETGI-342

Quant Time: Nov 18 03:05:14 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\82W111025S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Nov 11 03:48:21 2025  
 Response via : Initial Calibration

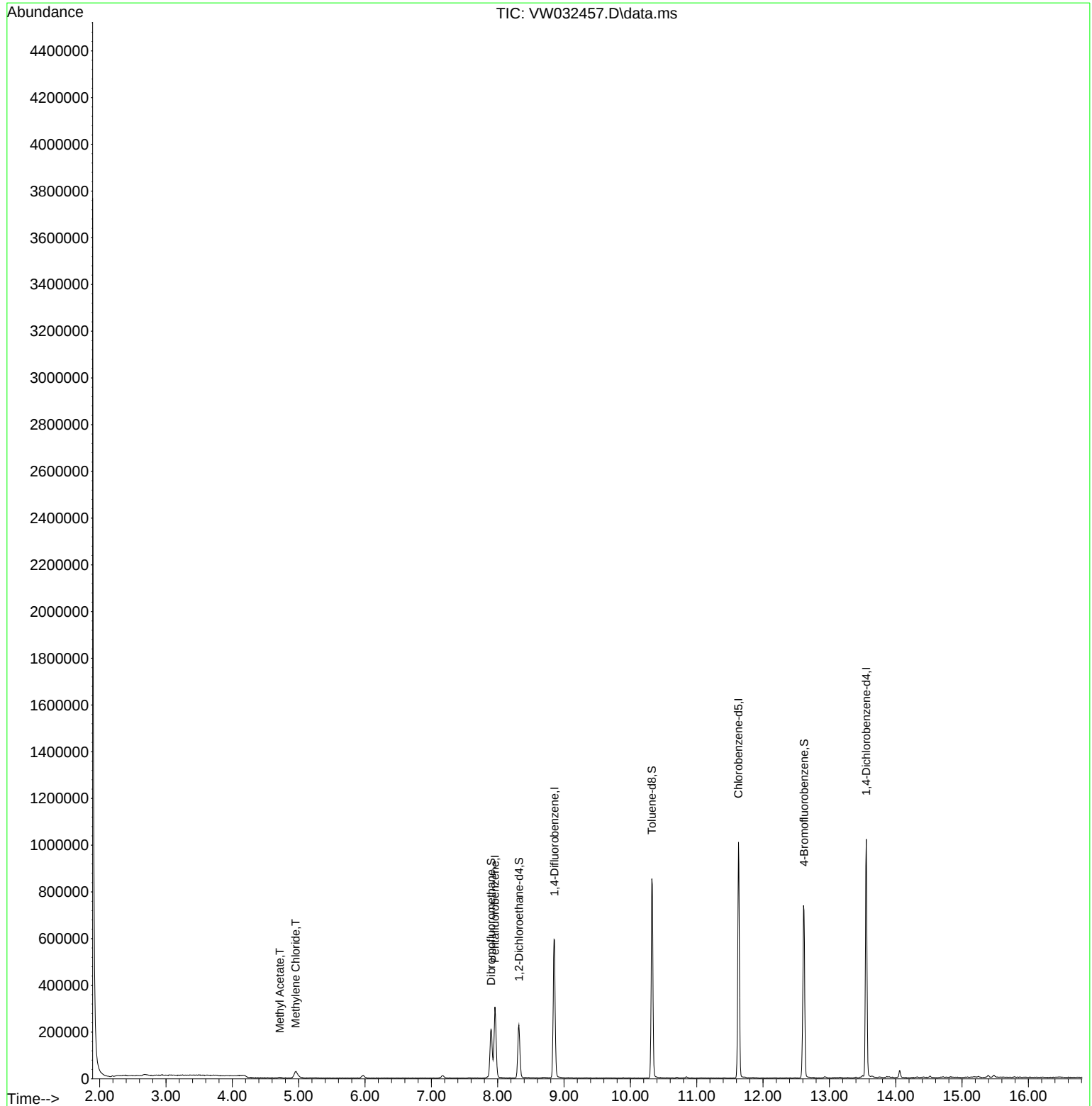
| Compound                    | R.T. QIon |       | Response | Conc     | Units      | Dev(Min) |
|-----------------------------|-----------|-------|----------|----------|------------|----------|
| -----                       |           |       |          |          |            |          |
| Internal Standards          |           |       |          |          |            |          |
| 1) Pentafluorobenzene       | 7.959     | 168   | 210576   | 50.000   | ug/l       | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.855     | 114   | 510650   | 50.000   | ug/l       | 0.00     |
| 63) Chlorobenzene-d5        | 11.629    | 117   | 543873   | 50.000   | ug/l       | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.556    | 152   | 263790   | 50.000   | ug/l       | 0.00     |
| System Monitoring Compounds |           |       |          |          |            |          |
| 33) 1,2-Dichloroethane-d4   | 8.319     | 65    | 180206   | 66.378   | ug/l       | 0.00     |
| Spiked Amount               | 50.000    | Range | 63 - 155 | Recovery | = 132.760% |          |
| 35) Dibromofluoromethane    | 7.898     | 113   | 156751   | 51.270   | ug/l       | 0.00     |
| Spiked Amount               | 50.000    | Range | 70 - 134 | Recovery | = 102.540% |          |
| 50) Toluene-d8              | 10.324    | 98    | 579691   | 49.423   | ug/l       | 0.00     |
| Spiked Amount               | 50.000    | Range | 74 - 123 | Recovery | = 98.840%  |          |
| 62) 4-Bromofluorobenzene    | 12.617    | 95    | 232053   | 52.373   | ug/l       | 0.00     |
| Spiked Amount               | 50.000    | Range | 17 - 146 | Recovery | = 104.740% |          |
| Target Compounds            |           |       |          |          |            |          |
|                             |           |       |          |          | Qvalue     |          |
| 18) Methyl Acetate          | 4.716     | 43    | 6269     | 3.117    | ug/l       | 99       |
| 20) Methylene Chloride      | 4.953     | 84    | 24646    | 8.485    | ug/l       | 97       |
| -----                       |           |       |          |          |            |          |

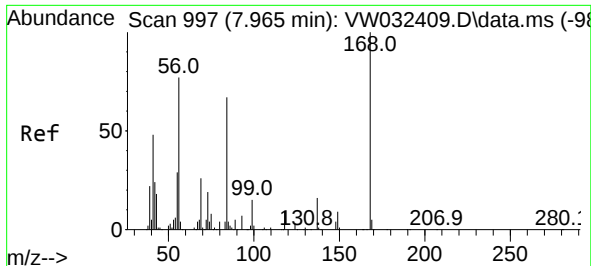
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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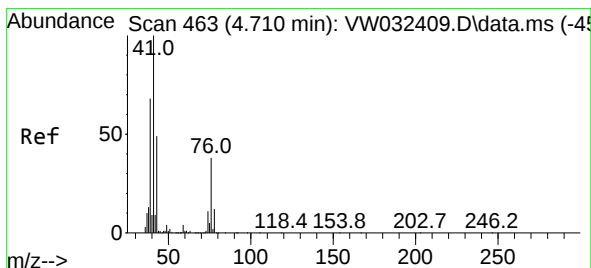
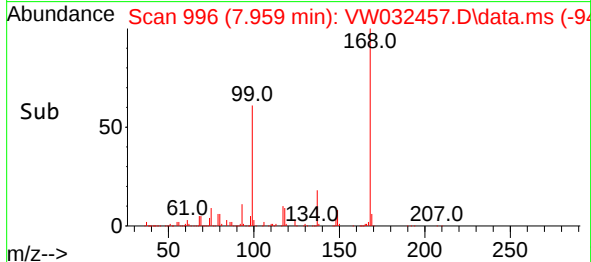
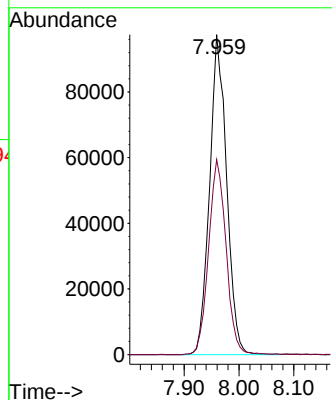
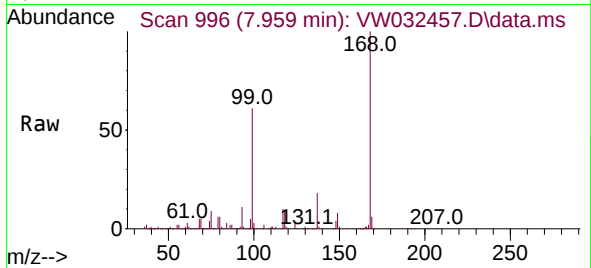




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.959 min Scan# 997  
Delta R.T. -0.006 min  
Lab File: VW032457.D  
Acq: 17 Nov 2025 14:55

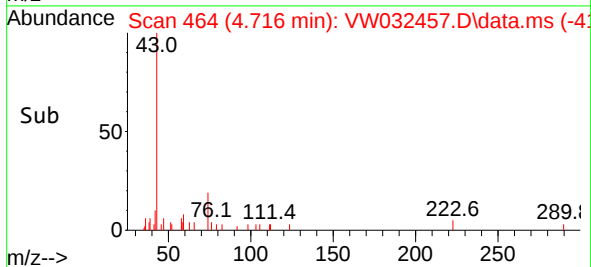
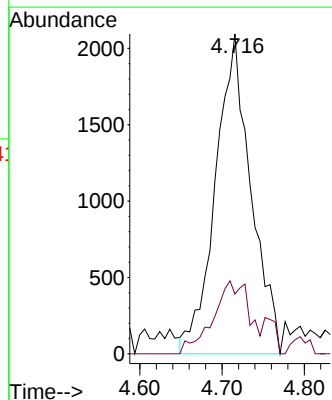
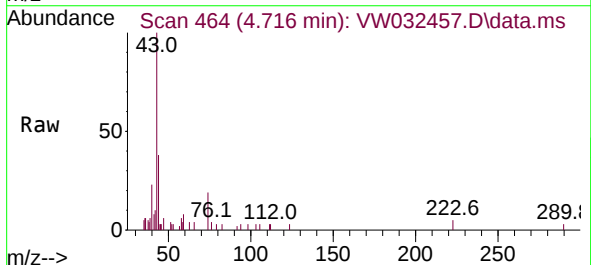
Instrument :  
MSVOA\_W  
ClientSampleId :  
ETGI-342

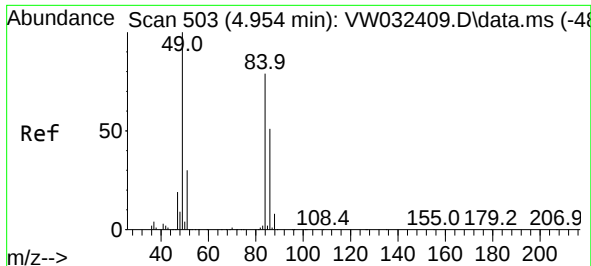
Tgt Ion:168 Resp: 210576  
Ion Ratio Lower Upper  
168 100  
99 60.9 45.4 68.2



#18  
Methyl Acetate  
Concen: 3.117 ug/l  
RT: 4.716 min Scan# 464  
Delta R.T. 0.006 min  
Lab File: VW032457.D  
Acq: 17 Nov 2025 14:55

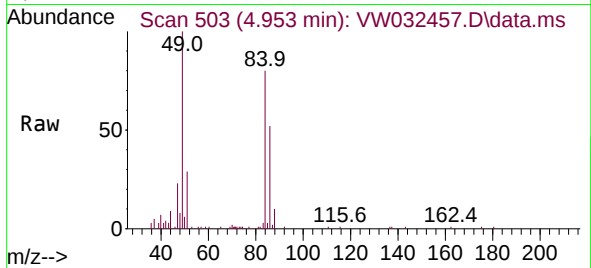
Tgt Ion: 43 Resp: 6269  
Ion Ratio Lower Upper  
43 100  
74 23.2 18.9 28.3



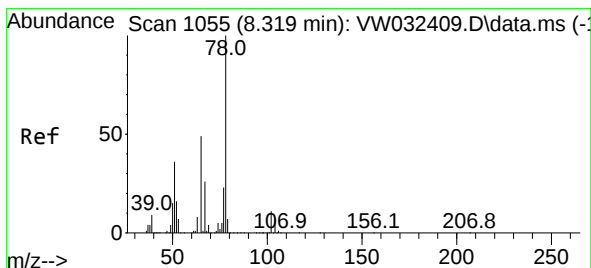
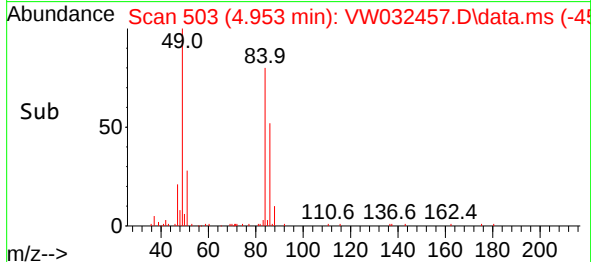
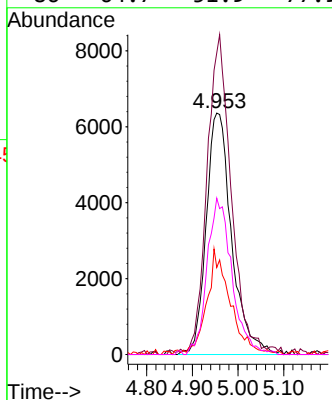


#20  
Methylene Chloride  
Concen: 8.485 ug/l  
RT: 4.953 min Scan# 503  
Delta R.T. -0.000 min  
Lab File: VW032457.D  
Acq: 17 Nov 2025 14:55

Instrument :  
MSVOA\_W  
ClientSampleId :  
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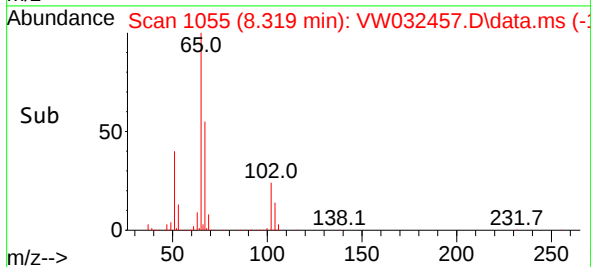
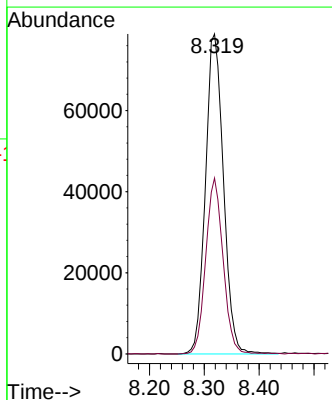
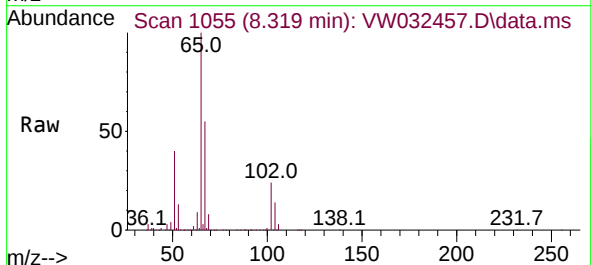


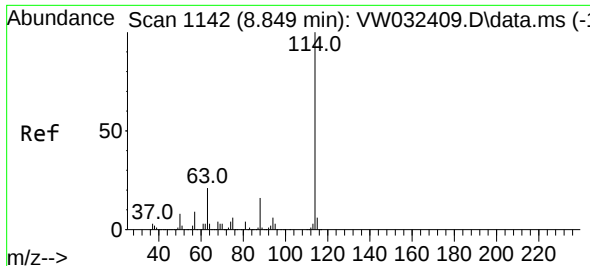
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 84    | Resp: | 24646 |
| Ion      | Ratio | Lower | Upper |
| 84       | 100   |       |       |
| 49       | 123.7 | 101.5 | 152.3 |
| 51       | 34.4  | 30.6  | 46.0  |
| 86       | 64.7  | 51.9  | 77.9  |



#33  
1,2-Dichloroethane-d4  
Concen: 66.378 ug/l  
RT: 8.319 min Scan# 1055  
Delta R.T. -0.000 min  
Lab File: VW032457.D  
Acq: 17 Nov 2025 14:55

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 65    | Resp: | 180206 |
| Ion      | Ratio | Lower | Upper  |
| 65       | 100   |       |        |
| 67       | 52.9  | 0.0   | 106.8  |

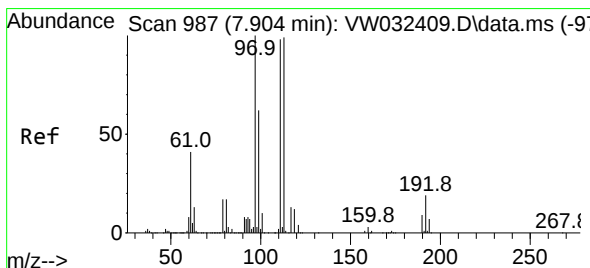
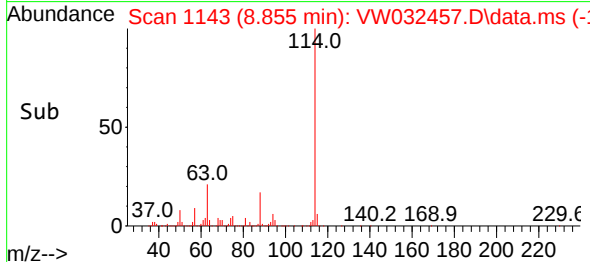
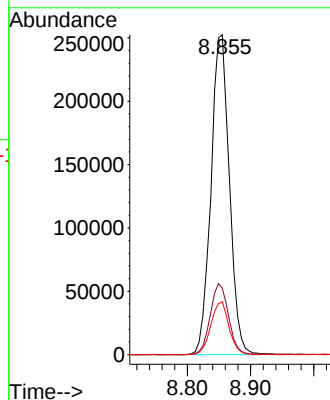
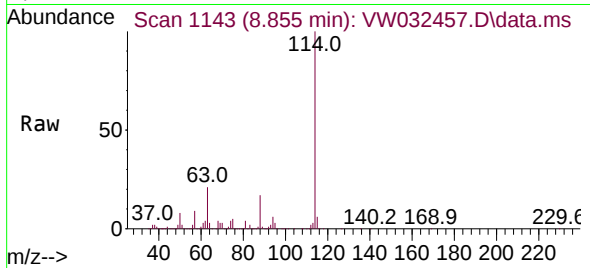




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 8.855 min Scan# 1143  
Delta R.T. 0.006 min  
Lab File: VW032457.D  
Acq: 17 Nov 2025 14:55

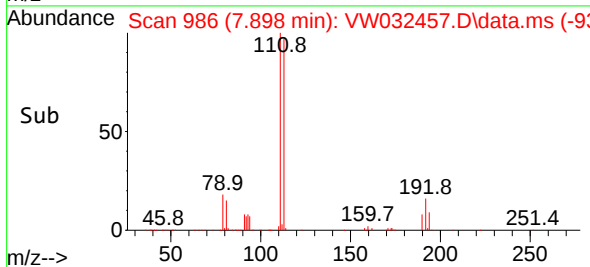
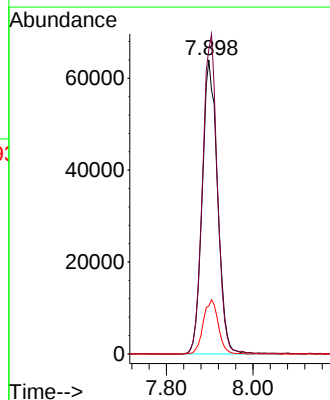
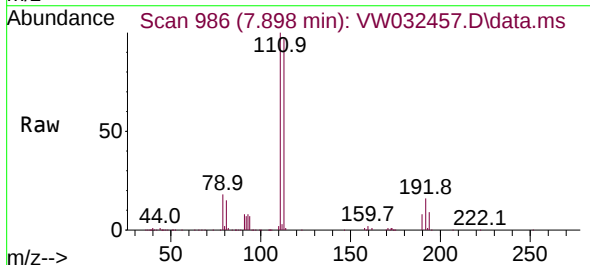
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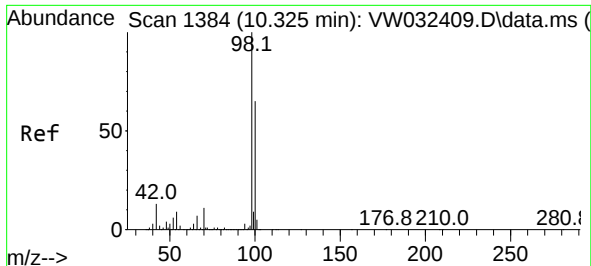
Tgt Ion:114 Resp: 510650  
Ion Ratio Lower Upper  
114 100  
63 20.8 0.0 41.8  
88 16.5 0.0 32.6



#35  
Dibromofluoromethane  
Concen: 51.270 ug/l  
RT: 7.898 min Scan# 986  
Delta R.T. -0.006 min  
Lab File: VW032457.D  
Acq: 17 Nov 2025 14:55

Tgt Ion:113 Resp: 156751  
Ion Ratio Lower Upper  
113 100  
111 105.4 83.1 124.7  
192 18.0 13.4 20.2

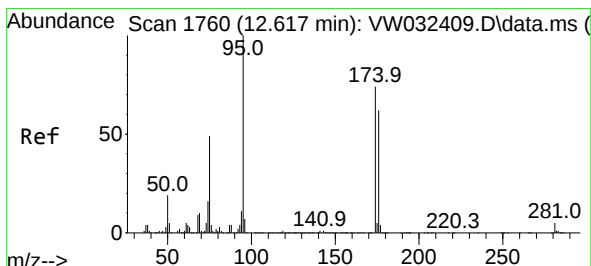
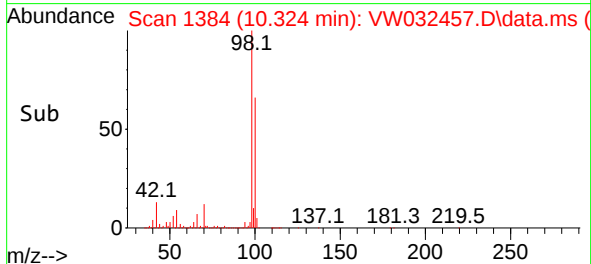
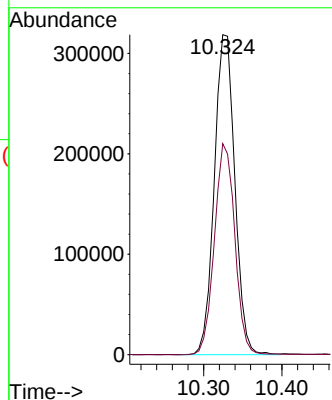
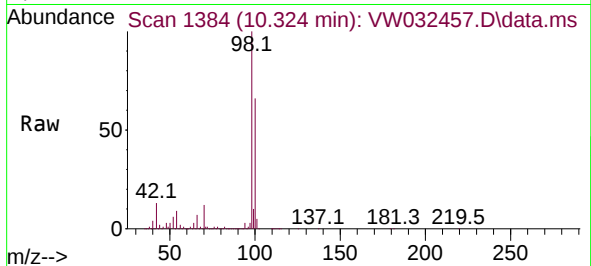




#50  
Toluene-d8  
Concen: 49.423 ug/l  
RT: 10.324 min Scan# 1384  
Delta R.T. -0.000 min  
Lab File: VW032457.D  
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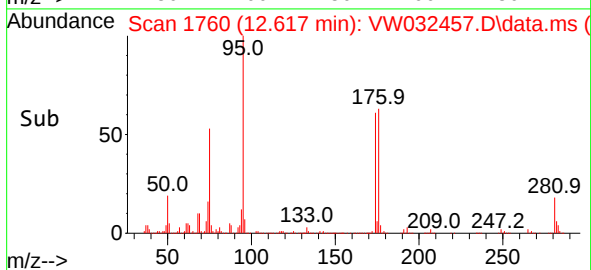
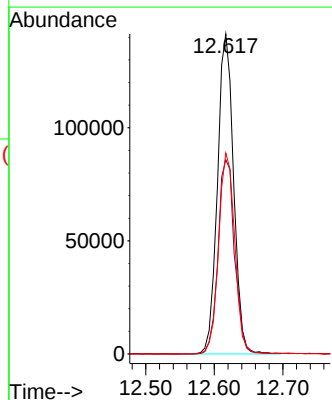
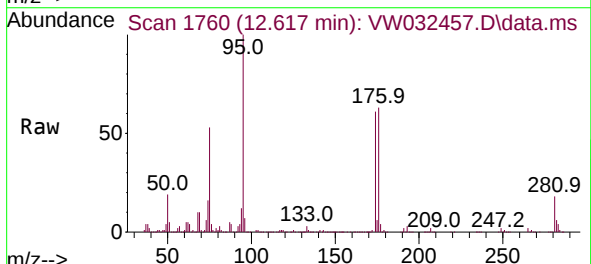
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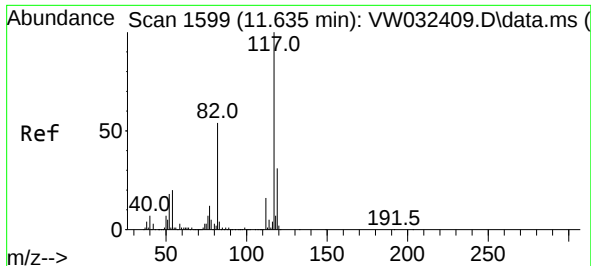
Tgt Ion: 98 Resp: 579691  
Ion Ratio Lower Upper  
98 100  
100 65.6 53.3 79.9



#62  
4-Bromofluorobenzene  
Concen: 52.373 ug/l  
RT: 12.617 min Scan# 1760  
Delta R.T. -0.000 min  
Lab File: VW032457.D  
Acq: 17 Nov 2025 14:55

Tgt Ion: 95 Resp: 232053  
Ion Ratio Lower Upper  
95 100  
174 62.3 0.0 135.4  
176 62.6 0.0 131.8

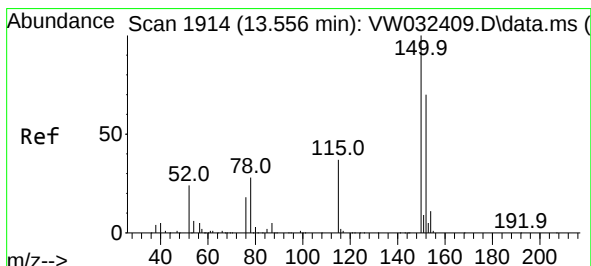
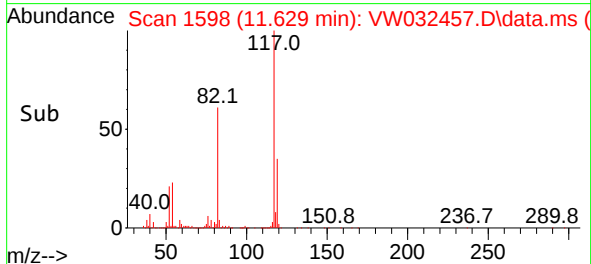
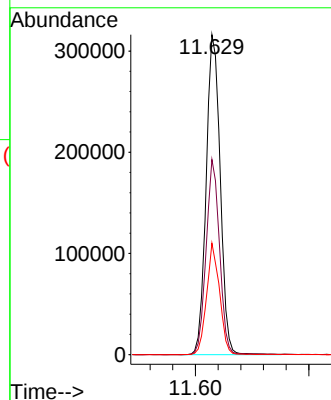
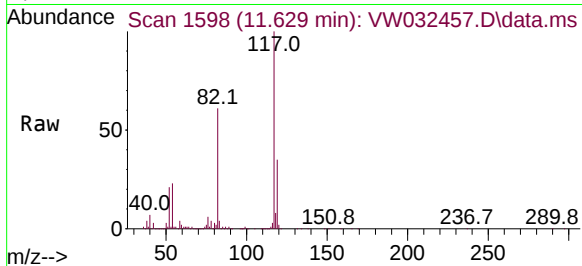




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.629 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VW032457.D  
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MSVOA\_W  
ClientSampleId :  
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Tgt Ion:117 Resp: 543873  
Ion Ratio Lower Upper  
117 100  
82 61.0 43.0 64.4  
119 34.8 25.0 37.6



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.556 min Scan# 1914  
Delta R.T. -0.000 min  
Lab File: VW032457.D  
Acq: 17 Nov 2025 14:55

Tgt Ion:152 Resp: 263790  
Ion Ratio Lower Upper  
152 100  
115 63.4 32.8 98.3  
150 151.7 0.0 356.6

