

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW073025\  
 Data File : VW031959.D  
 Acq On : 30 Jul 2025 13:50  
 Operator : SY/MD  
 Sample : Q2726-01  
 Misc : 5.13g/5mL/MSVOA\_W/SOIL/A  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 WBR-PBO

Quant Time: Jul 31 02:31:32 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\82W072225S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Jul 23 08:18:46 2025  
 Response via : Initial Calibration

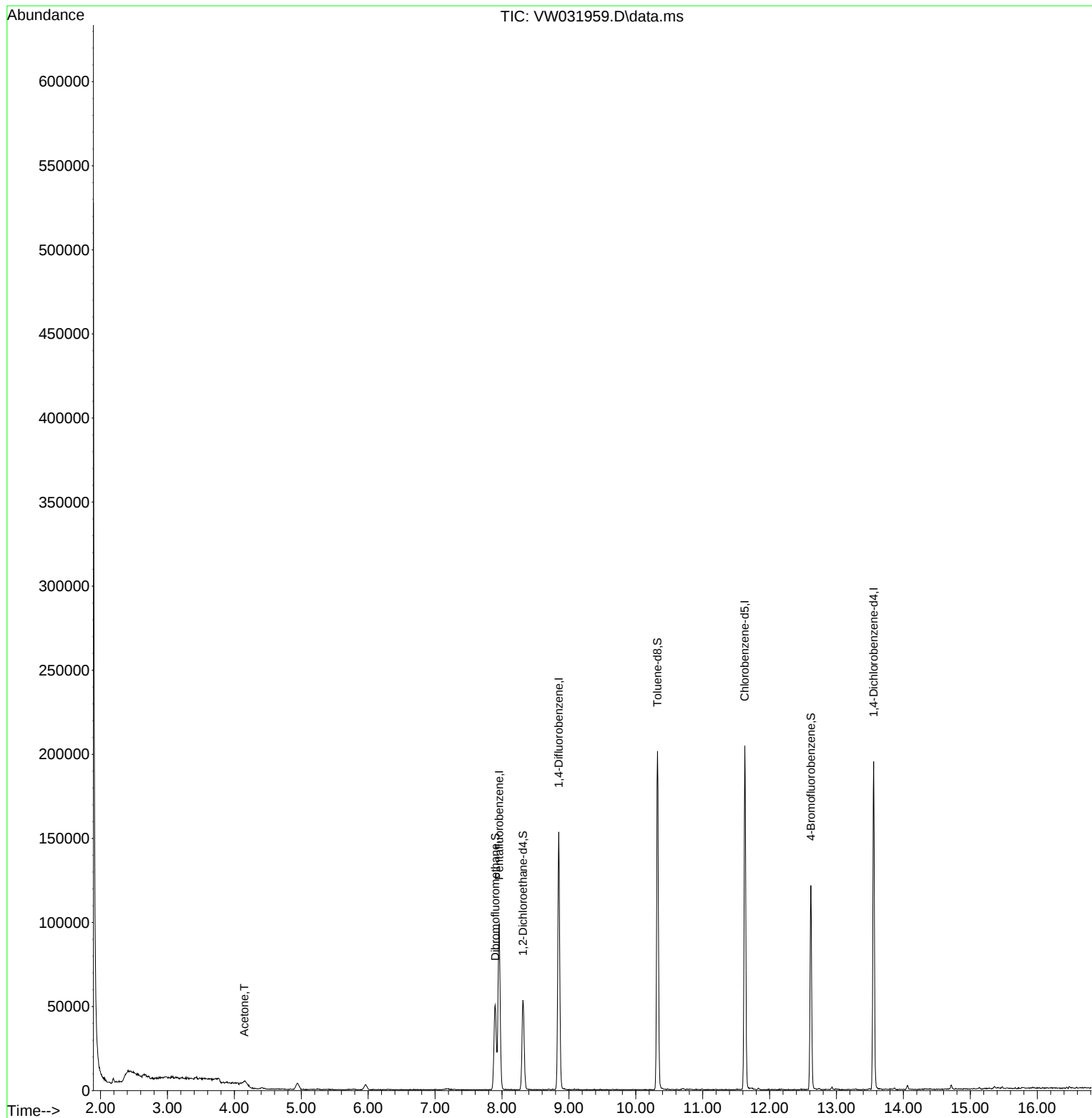
| Compound                    | R.T.   | QIon  | Response | Conc     | Units | Dev(Min)  |
|-----------------------------|--------|-------|----------|----------|-------|-----------|
| -----                       |        |       |          |          |       |           |
| Internal Standards          |        |       |          |          |       |           |
| 1) Pentafluorobenzene       | 7.959  | 168   | 63979    | 50.000   | ug/l  | # 0.00    |
| 34) 1,4-Difluorobenzene     | 8.849  | 114   | 125812   | 50.000   | ug/l  | 0.00      |
| 63) Chlorobenzene-d5        | 11.629 | 117   | 109418   | 50.000   | ug/l  | 0.00      |
| 72) 1,4-Dichlorobenzene-d4  | 13.556 | 152   | 48568    | 50.000   | ug/l  | 0.00      |
| System Monitoring Compounds |        |       |          |          |       |           |
| 33) 1,2-Dichloroethane-d4   | 8.313  | 65    | 45021    | 46.517   | ug/l  | 0.00      |
| Spiked Amount               | 50.000 | Range | 63 - 155 | Recovery | =     | 93.040%   |
| 35) Dibromofluoromethane    | 7.898  | 113   | 38610    | 45.163   | ug/l  | 0.00      |
| Spiked Amount               | 50.000 | Range | 70 - 134 | Recovery | =     | 90.320%   |
| 50) Toluene-d8              | 10.325 | 98    | 136281   | 42.120   | ug/l  | 0.00      |
| Spiked Amount               | 50.000 | Range | 74 - 123 | Recovery | =     | 84.240%   |
| 62) 4-Bromofluorobenzene    | 12.617 | 95    | 43372    | 34.910   | ug/l  | 0.00      |
| Spiked Amount               | 50.000 | Range | 17 - 146 | Recovery | =     | 69.820%   |
| Target Compounds            |        |       |          |          |       |           |
| 16) Acetone                 | 4.149  | 43    | 4319     | 18.806   | ug/l  | Qvalue 90 |
| -----                       |        |       |          |          |       |           |

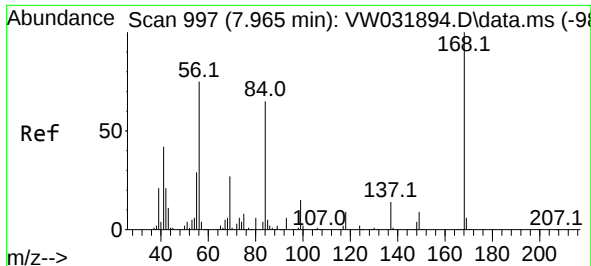
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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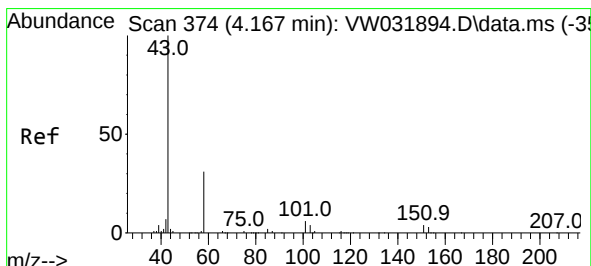
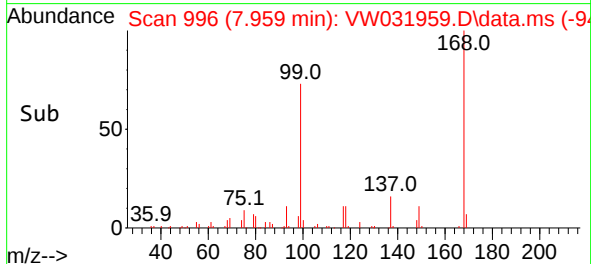
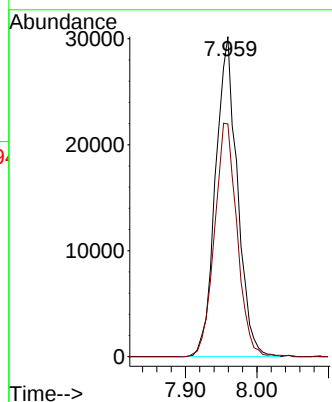
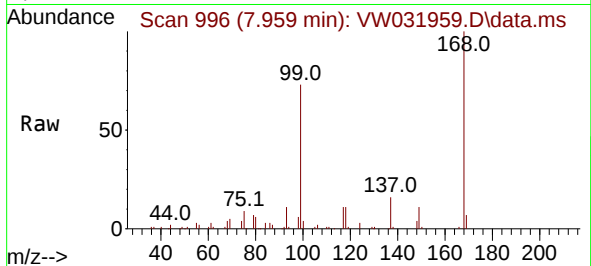




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.959 min Scan# 996  
Delta R.T. -0.006 min  
Lab File: VW031959.D  
Acq: 30 Jul 2025 13:50

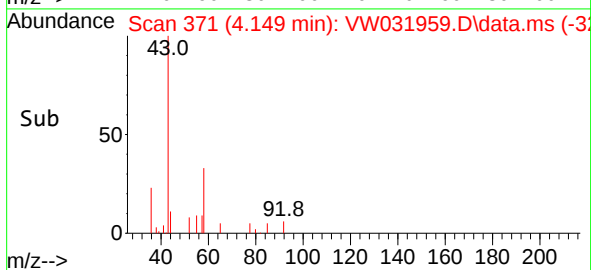
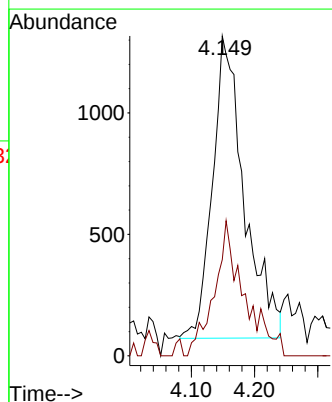
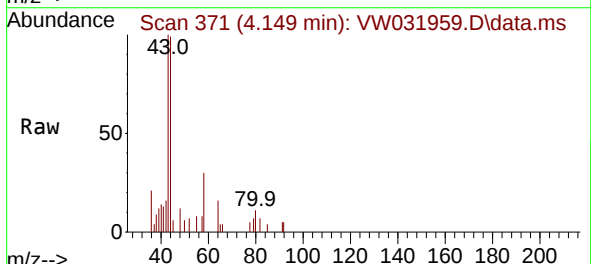
Instrument :  
MSVOA\_W  
ClientSampleId :  
WBR-PBO

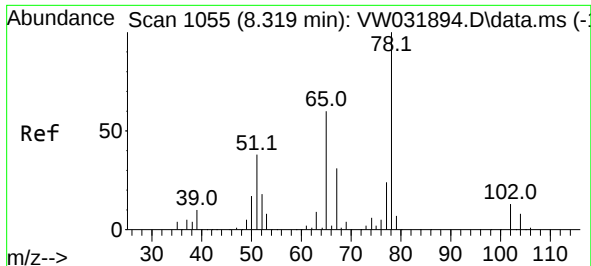
Tgt Ion:168 Resp: 63979  
Ion Ratio Lower Upper  
168 100  
99 72.7 48.2 72.2#



#16  
Acetone  
Concen: 18.806 ug/l  
RT: 4.149 min Scan# 371  
Delta R.T. -0.018 min  
Lab File: VW031959.D  
Acq: 30 Jul 2025 13:50

Tgt Ion: 43 Resp: 4319  
Ion Ratio Lower Upper  
43 100  
58 26.3 25.5 38.3

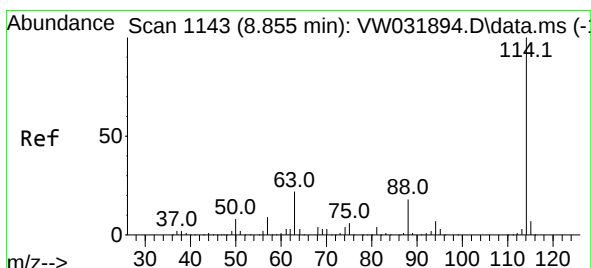
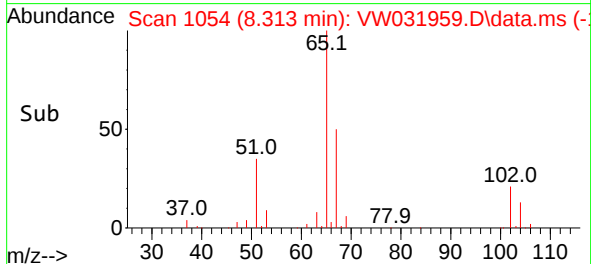
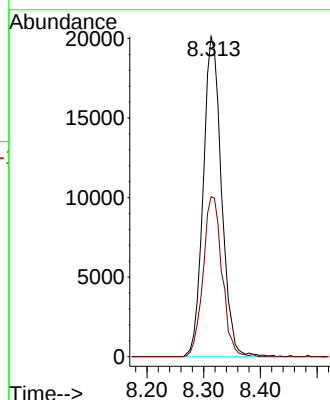
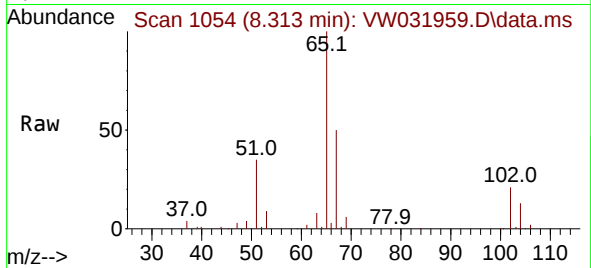




#33  
 1,2-Dichloroethane-d4  
 Concen: 46.517 ug/l  
 RT: 8.313 min Scan# 1055  
 Delta R.T. -0.006 min  
 Lab File: VW031959.D  
 Acq: 30 Jul 2025 13:50

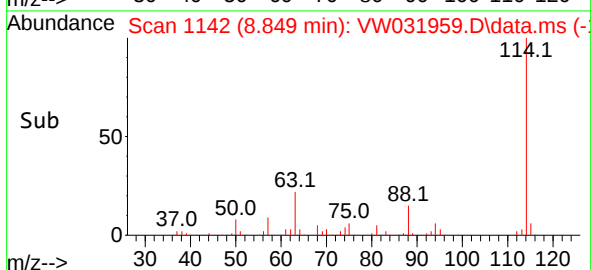
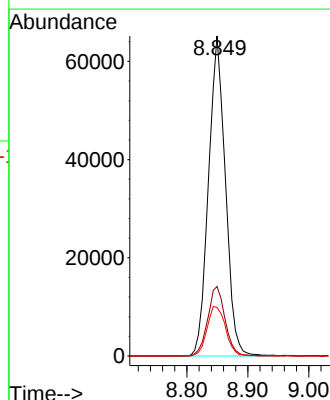
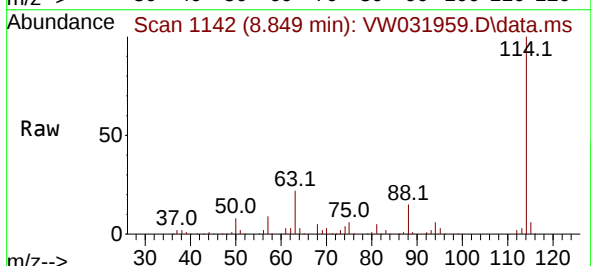
Instrument :  
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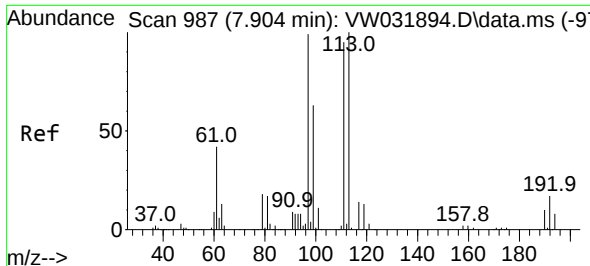
Tgt Ion: 65 Resp: 45021  
 Ion Ratio Lower Upper  
 65 100  
 67 51.7 0.0 101.4



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.849 min Scan# 1142  
 Delta R.T. -0.006 min  
 Lab File: VW031959.D  
 Acq: 30 Jul 2025 13:50

Tgt Ion: 114 Resp: 125812  
 Ion Ratio Lower Upper  
 114 100  
 63 21.7 0.0 44.2  
 88 15.2 0.0 35.6

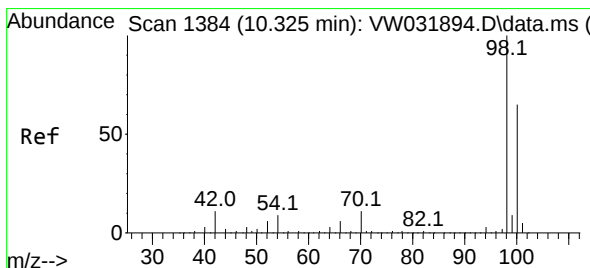
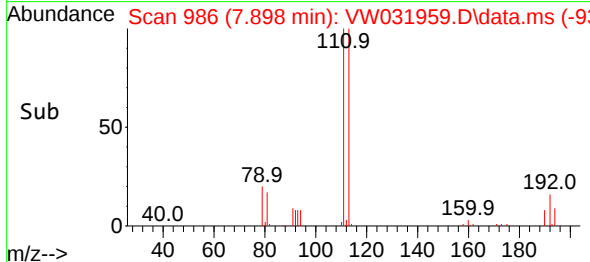
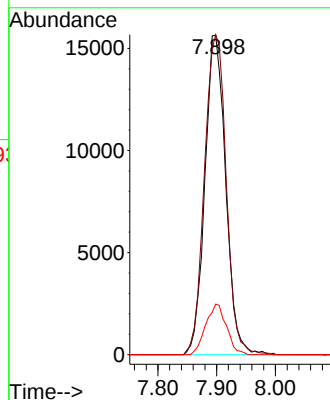
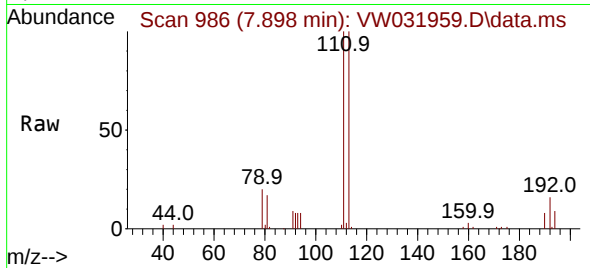




#35  
 Dibromofluoromethane  
 Concen: 45.163 ug/l  
 RT: 7.898 min Scan# 91  
 Delta R.T. -0.006 min  
 Lab File: VW031959.D  
 Acq: 30 Jul 2025 13:50

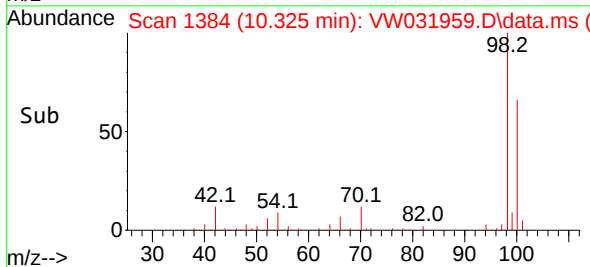
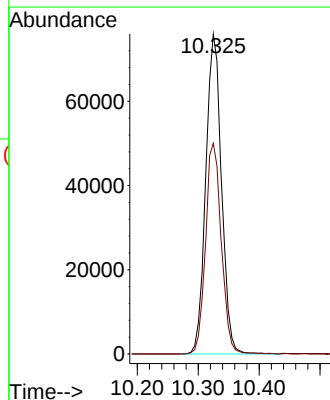
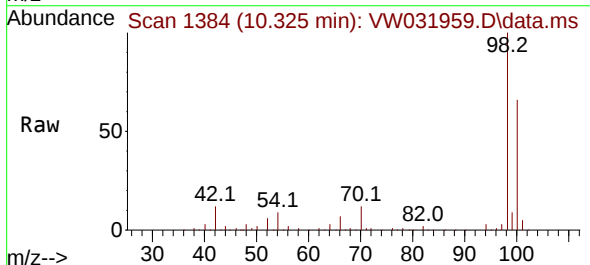
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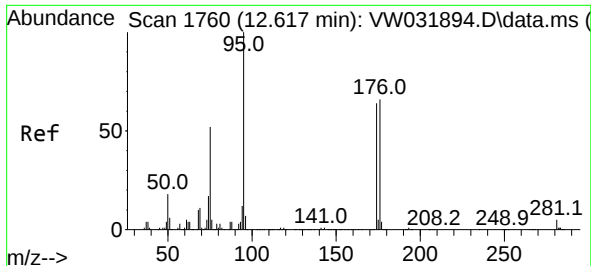
Tgt Ion:113 Resp: 38610  
 Ion Ratio Lower Upper  
 113 100  
 111 104.4 79.9 119.9  
 192 15.7 12.6 19.0



#50  
 Toluene-d8  
 Concen: 42.120 ug/l  
 RT: 10.325 min Scan# 1384  
 Delta R.T. 0.000 min  
 Lab File: VW031959.D  
 Acq: 30 Jul 2025 13:50

Tgt Ion: 98 Resp: 136281  
 Ion Ratio Lower Upper  
 98 100  
 100 65.9 51.7 77.5

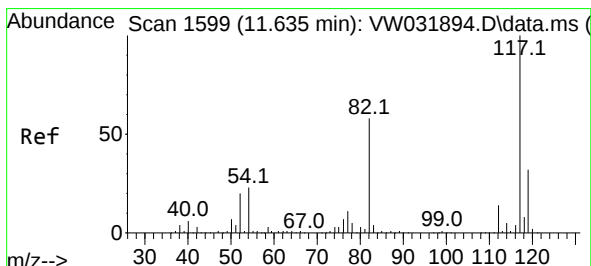
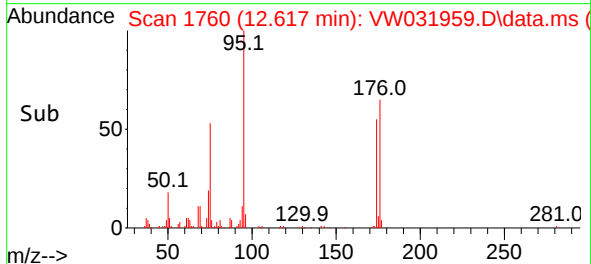
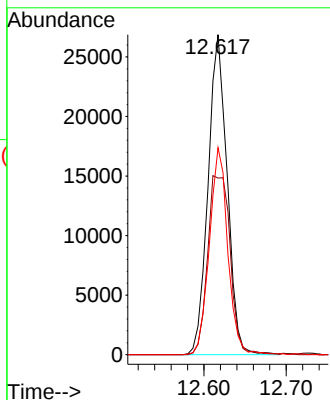
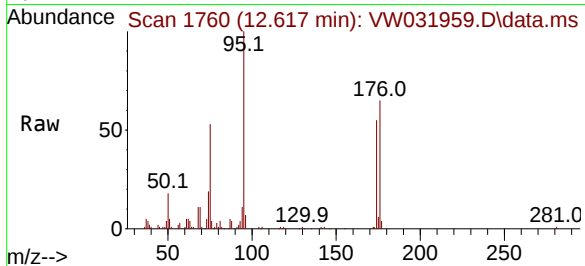




#62  
4-Bromofluorobenzene  
Concen: 34.910 ug/l  
RT: 12.617 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VW031959.D  
Acq: 30 Jul 2025 13:50

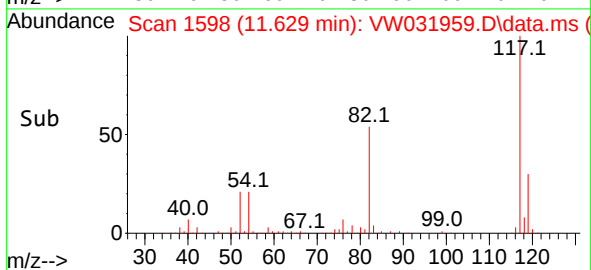
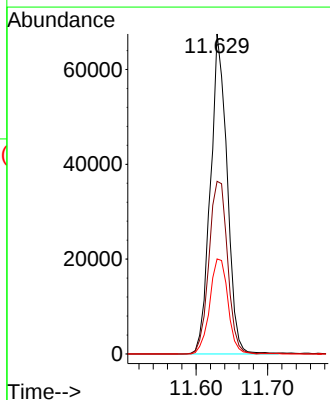
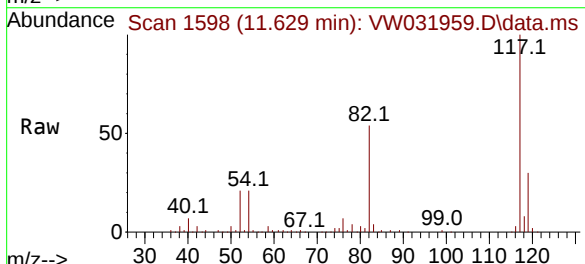
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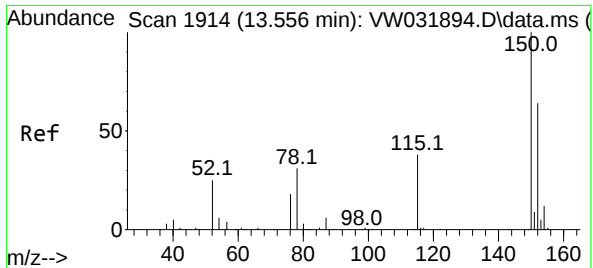
Tgt Ion: 95 Resp: 43372  
Ion Ratio Lower Upper  
95 100  
174 66.4 0.0 129.8  
176 62.5 0.0 130.4



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.629 min Scan# 1598  
Delta R.T. -0.006 min  
Lab File: VW031959.D  
Acq: 30 Jul 2025 13:50

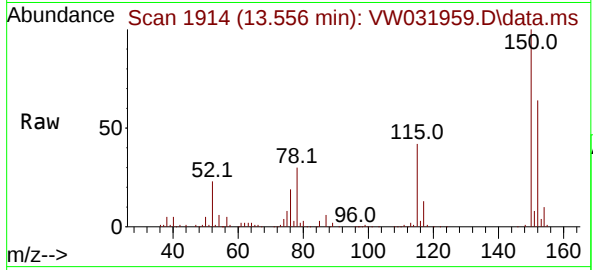
Tgt Ion: 117 Resp: 109418  
Ion Ratio Lower Upper  
117 100  
82 53.9 46.5 69.7  
119 29.7 25.8 38.6





#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 13.556 min Scan# 1914  
 Delta R.T. 0.000 min  
 Lab File: VW031959.D  
 Acq: 30 Jul 2025 13:50

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 WBR-PBO



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 152   | Resp: | 48568 |
| Ion      | Ratio | Lower | Upper |
| 152      | 100   |       |       |
| 115      | 65.6  | 33.4  | 100.1 |
| 150      | 156.5 | 0.0   | 352.2 |

