

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW091925\  
 Data File : VW032210.D  
 Acq On : 19 Sep 2025 12:24  
 Operator : SY/MD  
 Sample : Q3140-01  
 Misc : 5.14g/5mL/MSVOA\_W/SOIL/A  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 TR-04-091825

Quant Time: Sep 19 23:08:37 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\82W082625S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Aug 27 04:13:40 2025  
 Response via : Initial Calibration

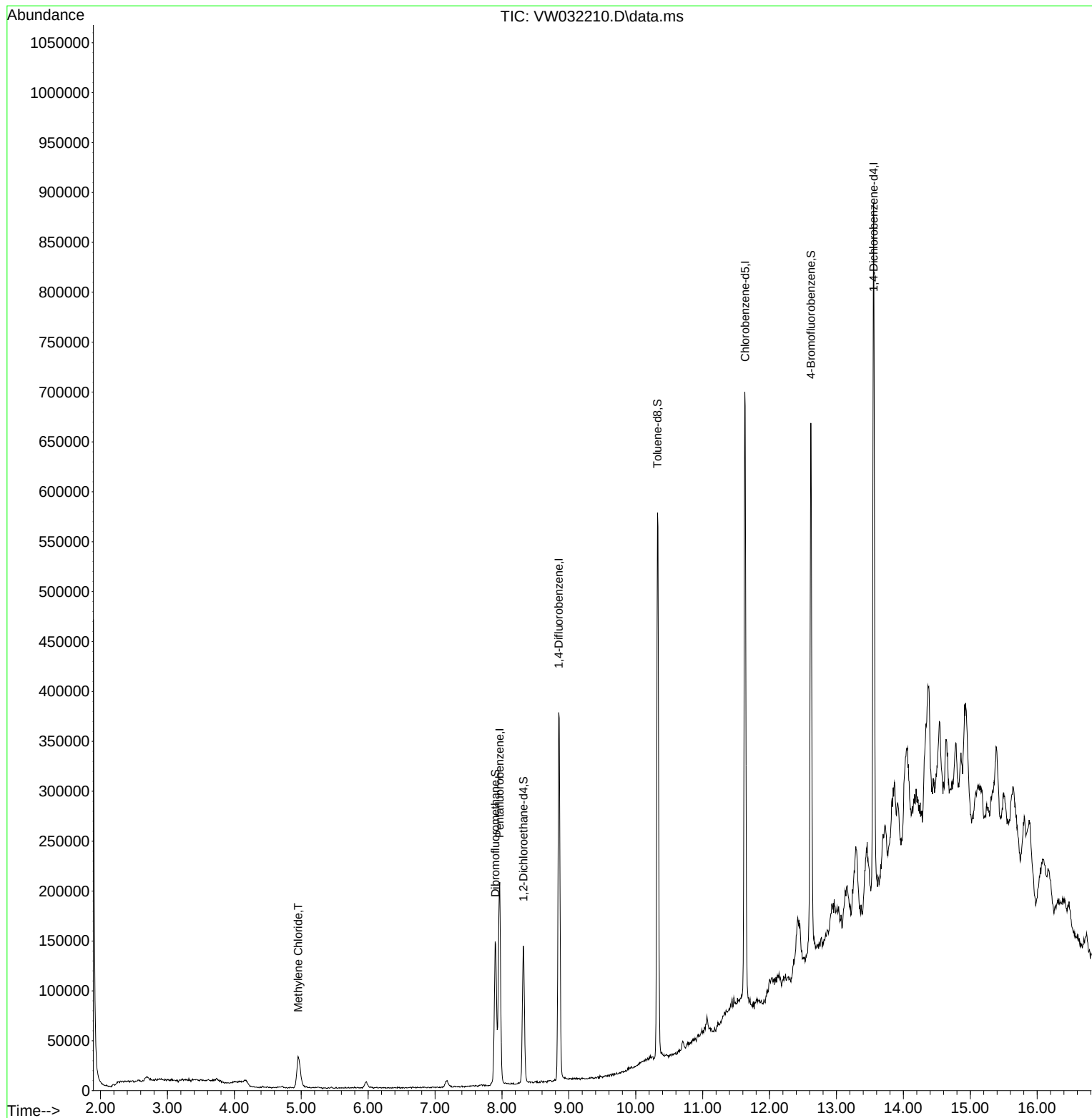
| Compound                    | R.T.   | QIon           | Response | Conc   | Units    | Dev(Min) |
|-----------------------------|--------|----------------|----------|--------|----------|----------|
| -----                       |        |                |          |        |          |          |
| Internal Standards          |        |                |          |        |          |          |
| 1) Pentafluorobenzene       | 7.965  | 168            | 138085   | 50.000 | ug/l     | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.849  | 114            | 308486   | 50.000 | ug/l     | 0.00     |
| 63) Chlorobenzene-d5        | 11.636 | 117            | 326487   | 50.000 | ug/l     | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.556 | 152            | 167787   | 50.000 | ug/l     | 0.00     |
| System Monitoring Compounds |        |                |          |        |          |          |
| 33) 1,2-Dichloroethane-d4   | 8.319  | 65             | 112937   | 57.189 | ug/l     | 0.00     |
| Spiked Amount               | 50.000 | Range 63 - 155 | Recovery | =      | 114.380% |          |
| 35) Dibromofluoromethane    | 7.898  | 113            | 102964   | 47.573 | ug/l     | 0.00     |
| Spiked Amount               | 50.000 | Range 70 - 134 | Recovery | =      | 95.140%  |          |
| 50) Toluene-d8              | 10.325 | 98             | 360074   | 47.392 | ug/l     | 0.00     |
| Spiked Amount               | 50.000 | Range 74 - 123 | Recovery | =      | 94.780%  |          |
| 62) 4-Bromofluorobenzene    | 12.617 | 95             | 166720   | 59.341 | ug/l     | 0.00     |
| Spiked Amount               | 50.000 | Range 17 - 146 | Recovery | =      | 118.680% |          |
| Target Compounds            |        |                |          |        |          |          |
|                             |        |                |          |        | Qvalue   |          |
| 20) Methylene Chloride      | 4.954  | 84             | 29608    | 13.873 | ug/l     | 98       |
| -----                       |        |                |          |        |          |          |

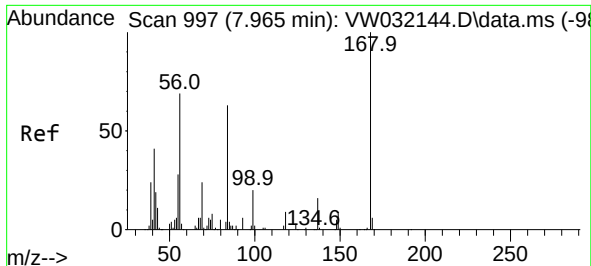
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :  
MSVOA\_W  
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Quant Title : SW846 8260  
QLast Update : Wed Aug 27 04:13:40 2025  
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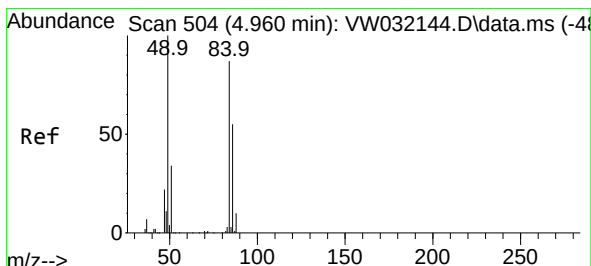
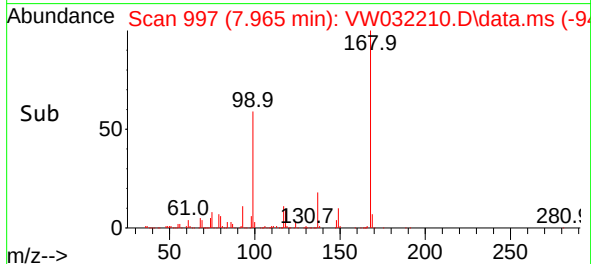
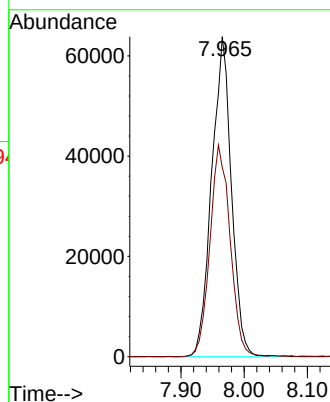
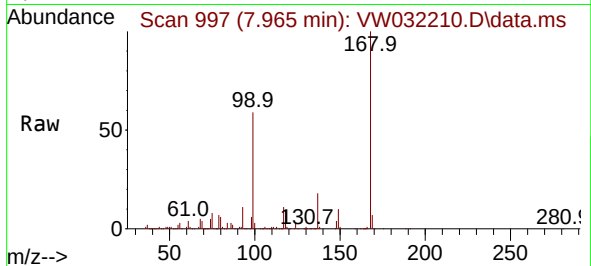




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.965 min Scan# 997  
Delta R.T. 0.000 min  
Lab File: VW032210.D  
Acq: 19 Sep 2025 12:24

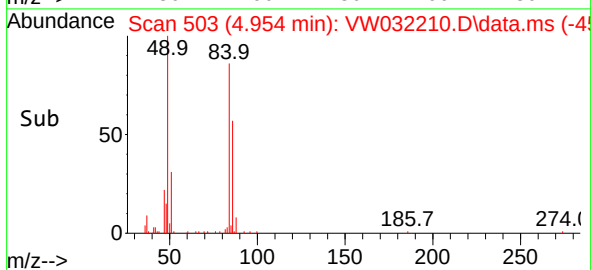
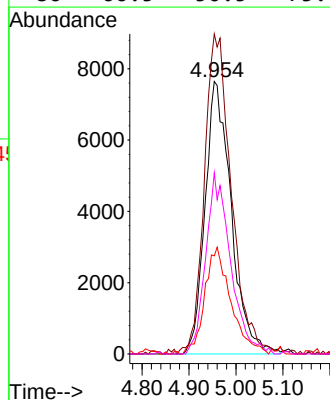
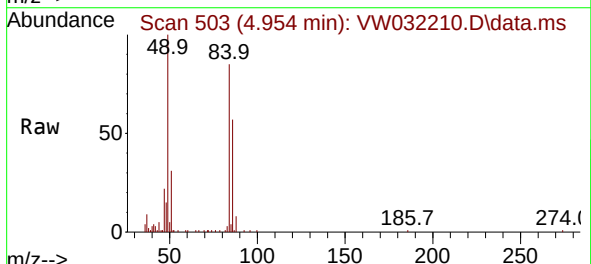
Instrument :  
MSVOA\_W  
ClientSampleId :  
TR-04-091825

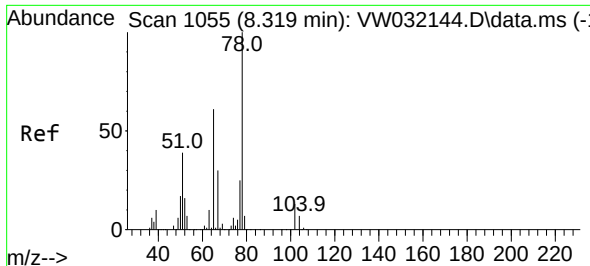
Tgt Ion:168 Resp: 138085  
Ion Ratio Lower Upper  
168 100  
99 59.1 49.3 73.9



#20  
Methylene Chloride  
Concen: 13.873 ug/l  
RT: 4.954 min Scan# 503  
Delta R.T. -0.006 min  
Lab File: VW032210.D  
Acq: 19 Sep 2025 12:24

Tgt Ion: 84 Resp: 29608  
Ion Ratio Lower Upper  
84 100  
49 114.9 92.2 138.4  
51 36.0 31.0 46.6  
86 66.5 50.5 75.7





#33

1,2-Dichloroethane-d4

Concen: 57.189 ug/l

RT: 8.319 min Scan# 110

Delta R.T. 0.000 min

Lab File: VW032210.D

Acq: 19 Sep 2025 12:24

Instrument :

MSVOA\_W

ClientSampleId :

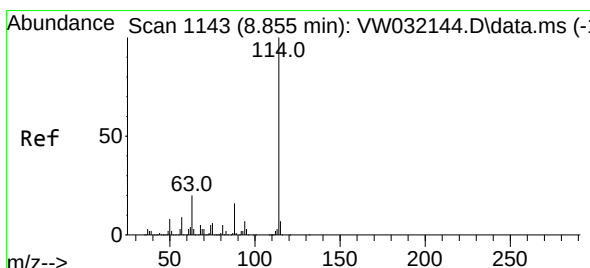
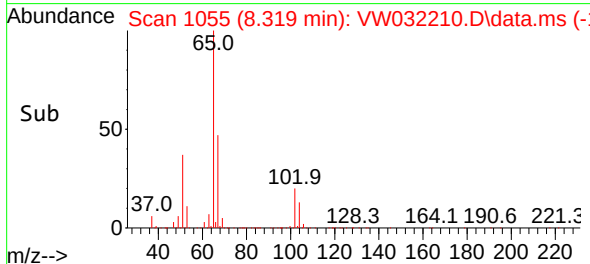
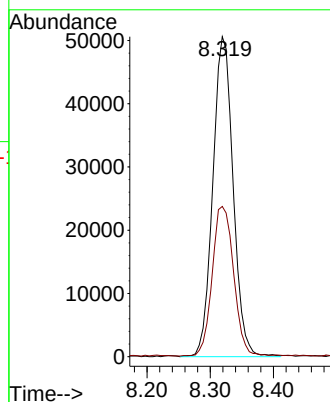
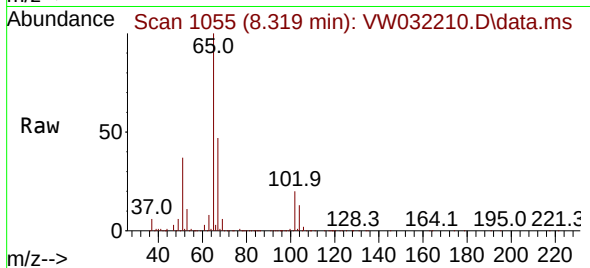
TR-04-091825

Tgt Ion: 65 Resp: 112937

Ion Ratio Lower Upper

65 100

67 49.2 0.0 99.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.849 min Scan# 1142

Delta R.T. -0.006 min

Lab File: VW032210.D

Acq: 19 Sep 2025 12:24

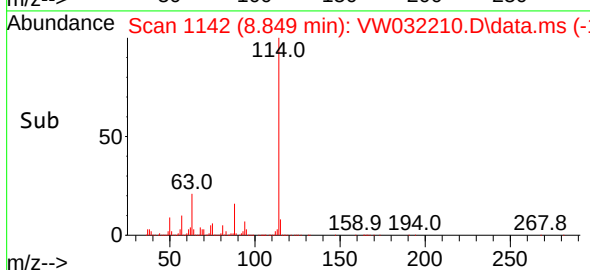
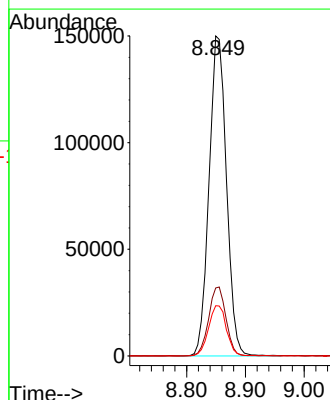
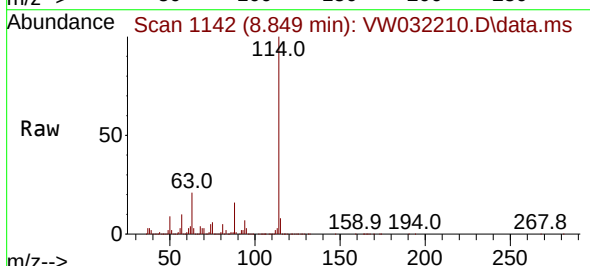
Tgt Ion: 114 Resp: 308486

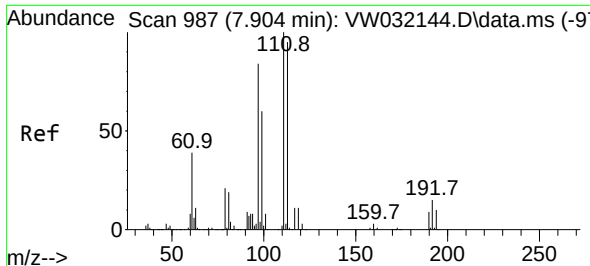
Ion Ratio Lower Upper

114 100

63 21.2 0.0 40.4

88 15.7 0.0 32.0

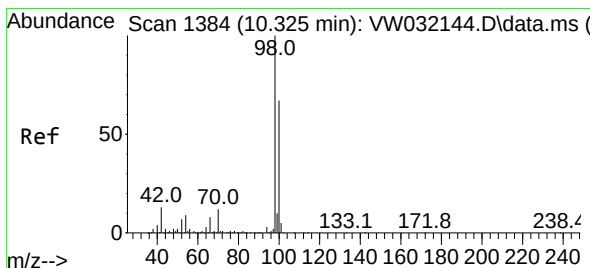
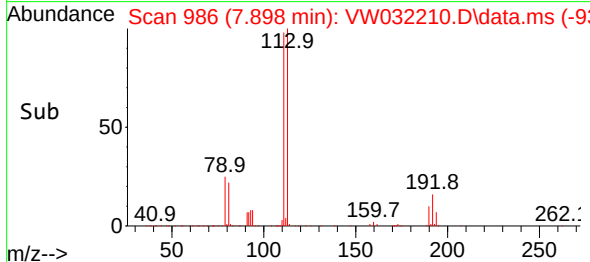
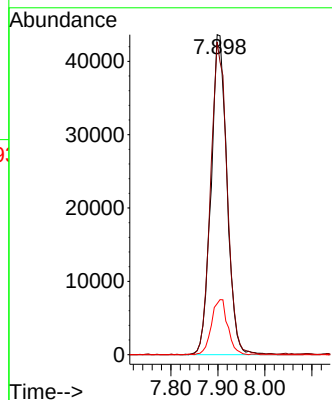
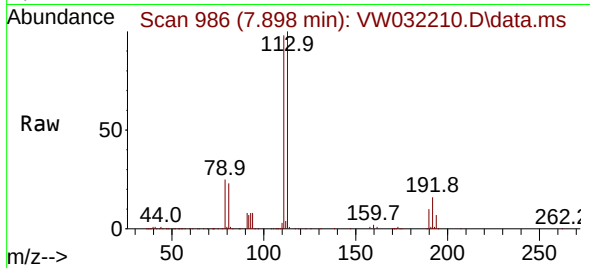




#35  
 Dibromofluoromethane  
 Concen: 47.573 ug/l  
 RT: 7.898 min Scan# 91  
 Delta R.T. -0.006 min  
 Lab File: VW032210.D  
 Acq: 19 Sep 2025 12:24

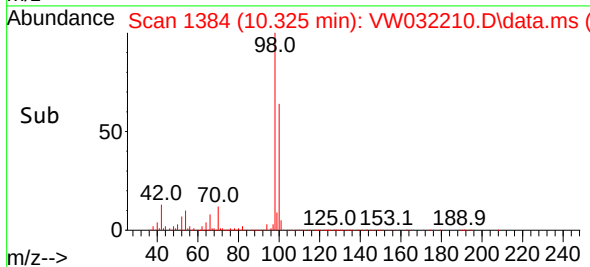
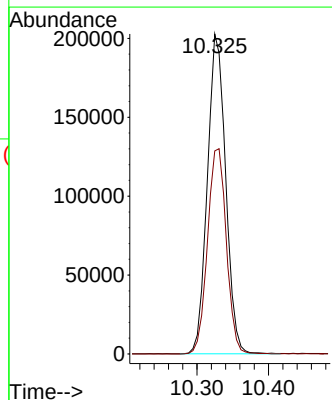
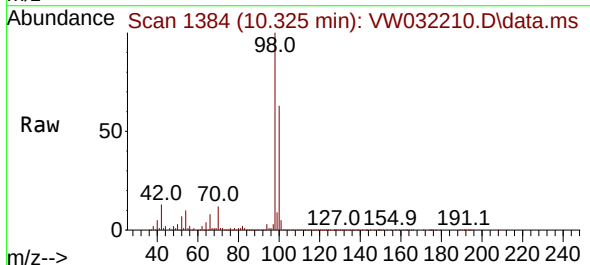
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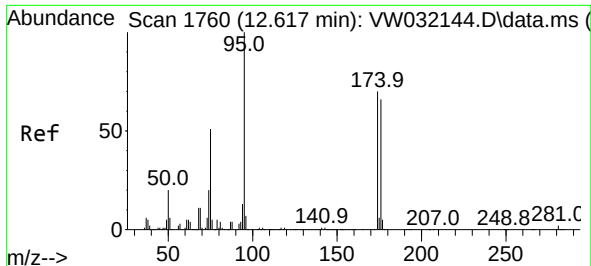
Tgt Ion:113 Resp: 102964  
 Ion Ratio Lower Upper  
 113 100  
 111 100.5 83.9 125.9  
 192 17.5 14.6 21.8



#50  
 Toluene-d8  
 Concen: 47.392 ug/l  
 RT: 10.325 min Scan# 1384  
 Delta R.T. 0.000 min  
 Lab File: VW032210.D  
 Acq: 19 Sep 2025 12:24

Tgt Ion: 98 Resp: 360074  
 Ion Ratio Lower Upper  
 98 100  
 100 66.2 51.4 77.2

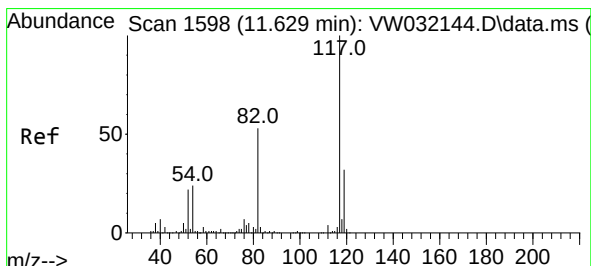
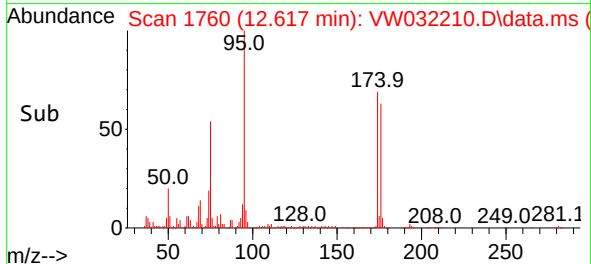
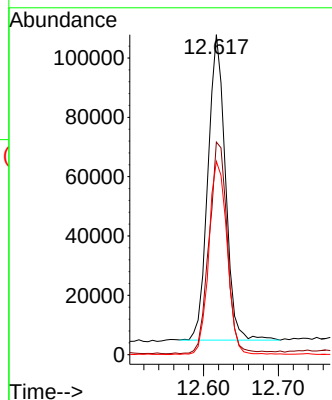
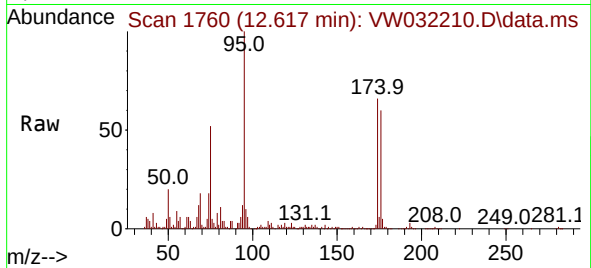




#62  
4-Bromofluorobenzene  
Concen: 59.341 ug/l  
RT: 12.617 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VW032210.D  
Acq: 19 Sep 2025 12:24

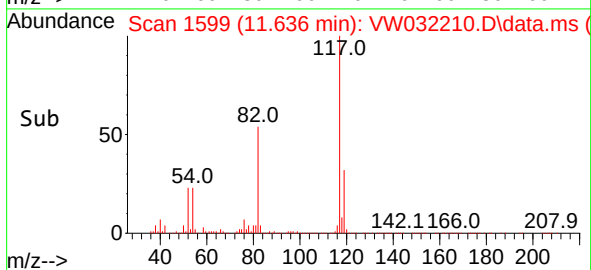
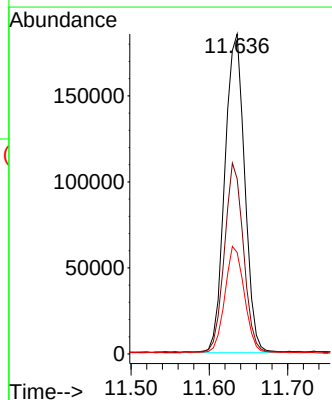
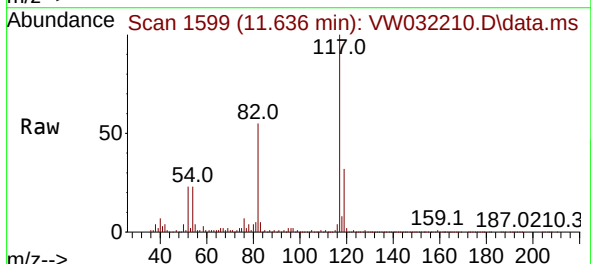
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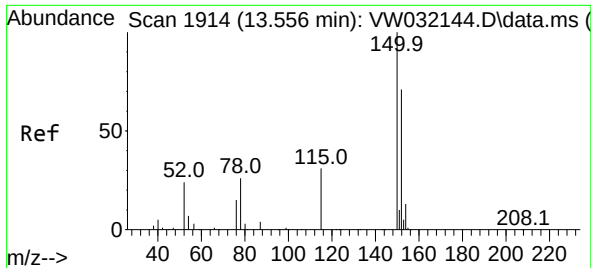
Tgt Ion: 95 Resp: 166720  
Ion Ratio Lower Upper  
95 100  
174 72.3 0.0 145.6  
176 66.3 0.0 140.8



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.636 min Scan# 1599  
Delta R.T. 0.006 min  
Lab File: VW032210.D  
Acq: 19 Sep 2025 12:24

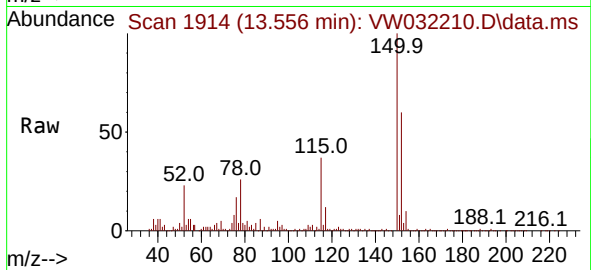
Tgt Ion: 117 Resp: 326487  
Ion Ratio Lower Upper  
117 100  
82 54.4 42.7 64.1  
119 31.4 25.2 37.8





#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 13.556 min Scan# 1914  
 Delta R.T. 0.000 min  
 Lab File: VW032210.D  
 Acq: 19 Sep 2025 12:24

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 TR-04-091825



|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 152   | Resp: | 167787 |
| Ion      | Ratio | Lower | Upper  |
| 152      | 100   |       |        |
| 115      | 64.7  | 31.8  | 95.4   |
| 150      | 157.3 | 0.0   | 343.0  |

