

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN071725\  
 Data File : VN087346.D  
 Acq On : 17 Jul 2025 15:47  
 Operator : JC\MD  
 Sample : Q2633-02  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 FIBER-GLASS-TANK

Quant Time: Jul 18 01:26:08 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N071625W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Jul 17 02:56:13 2025  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 8.212  | 168  | 229997   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 9.082  | 114  | 459430   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.847 | 117  | 413600   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.770 | 152  | 203472   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |          |
|-----------------------------|--------|-------|----------|----------|------|----------|
| System Monitoring Compounds |        |       |          |          |      |          |
| 33) 1,2-Dichloroethane-d4   | 8.565  | 65    | 203351   | 52.107   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | =    | 104.220% |
| 35) Dibromofluoromethane    | 8.153  | 113   | 153771   | 48.521   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =    | 97.040%  |
| 50) Toluene-d8              | 10.547 | 98    | 560003   | 49.537   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | =    | 99.080%  |
| 62) 4-Bromofluorobenzene    | 12.829 | 95    | 210196   | 50.328   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 77 - 121 | Recovery | =    | 100.660% |

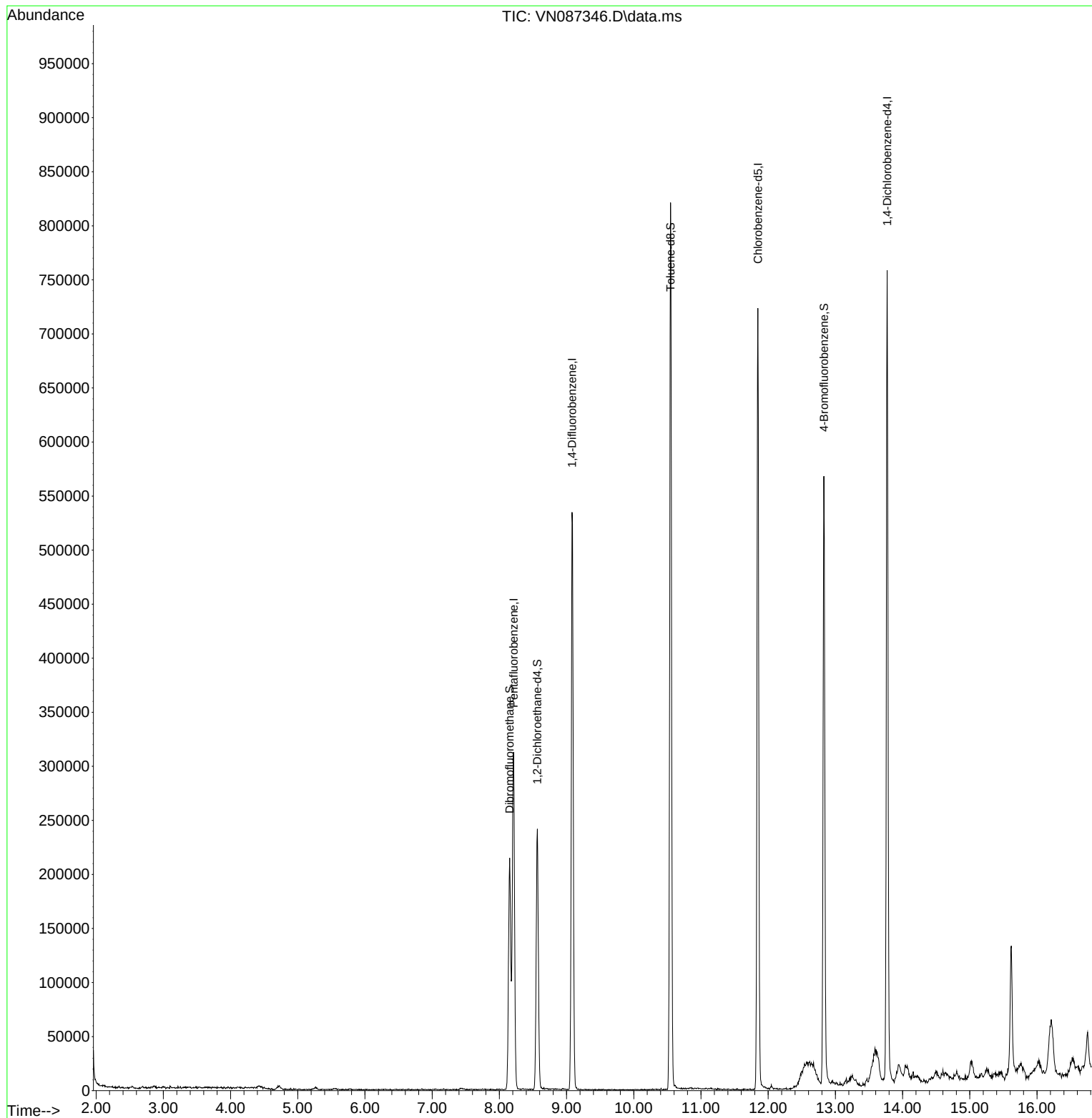
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

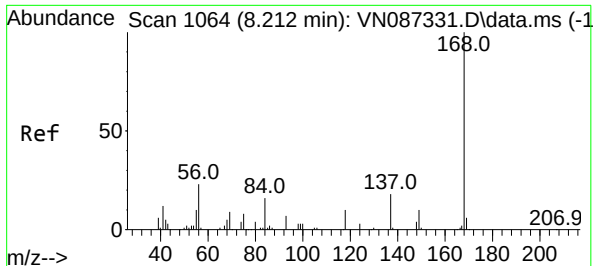
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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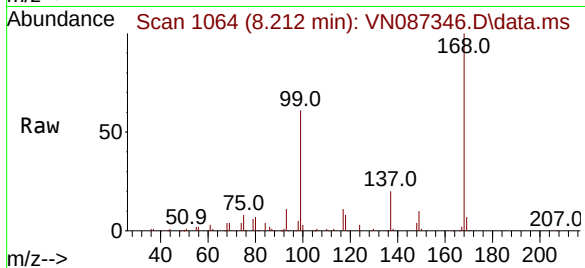
Quant Time: Jul 18 01:26:08 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N071625W.M  
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Response via : Initial Calibration



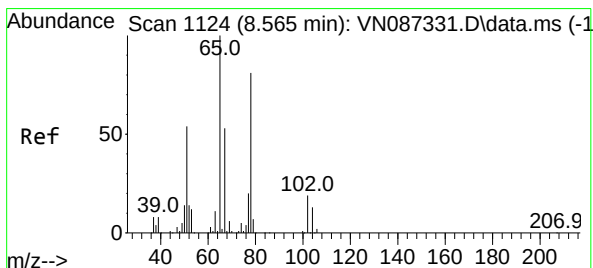
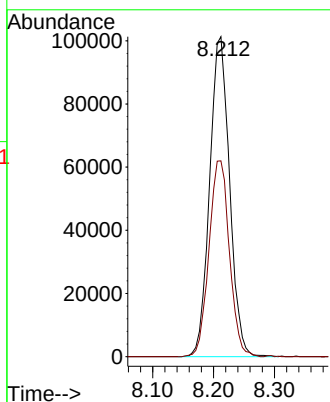
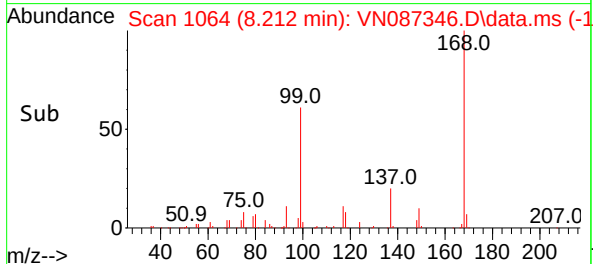


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.212 min Scan# 1064  
Delta R.T. -0.000 min  
Lab File: VN087346.D  
Acq: 17 Jul 2025 15:47

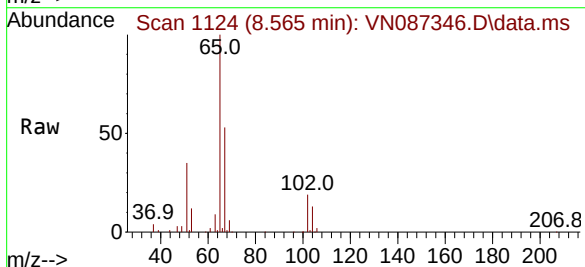
Instrument :  
MSVOA\_N  
ClientSampleId :  
FIBER-GLASS-TANK



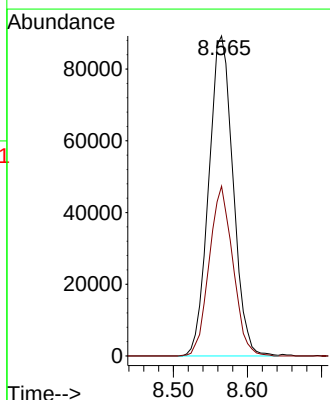
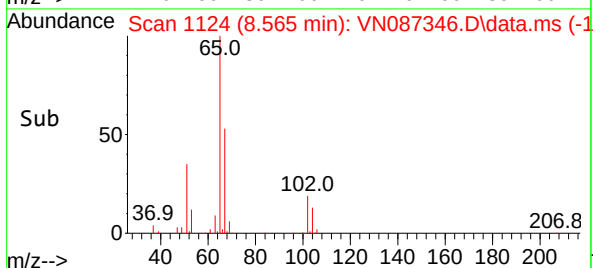
Tgt Ion:168 Resp: 229997  
Ion Ratio Lower Upper  
168 100  
99 61.2 47.9 71.9

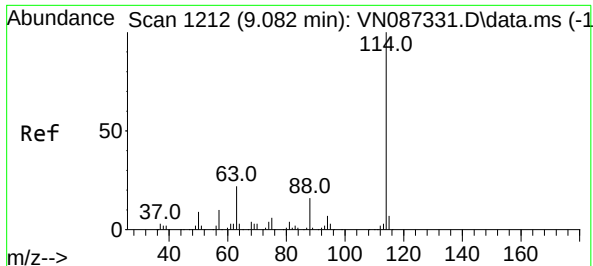


#33  
1,2-Dichloroethane-d4  
Concen: 52.107 ug/l  
RT: 8.565 min Scan# 1124  
Delta R.T. 0.000 min  
Lab File: VN087346.D  
Acq: 17 Jul 2025 15:47



Tgt Ion: 65 Resp: 203351  
Ion Ratio Lower Upper  
65 100  
67 51.7 0.0 104.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.082 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN087346.D

Acq: 17 Jul 2025 15:47

Instrument :

MSVOA\_N

ClientSampleId :

FIBER-GLASS-TANK

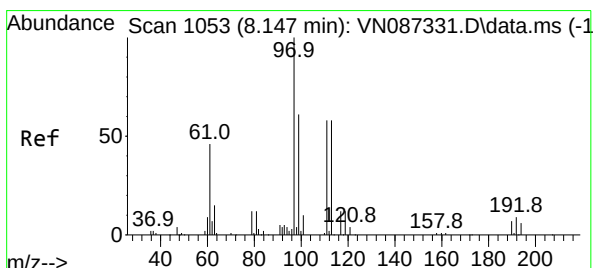
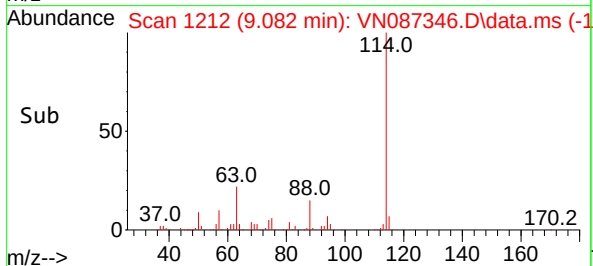
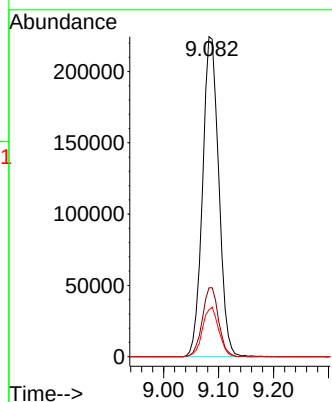
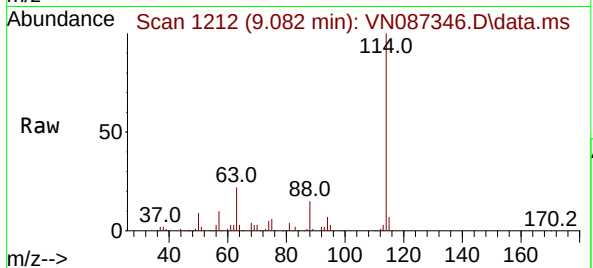
Tgt Ion:114 Resp: 459430

Ion Ratio Lower Upper

114 100

63 21.5 0.0 44.6

88 14.6 0.0 32.8



#35

Dibromofluoromethane

Concen: 48.521 ug/l

RT: 8.153 min Scan# 1054

Delta R.T. 0.006 min

Lab File: VN087346.D

Acq: 17 Jul 2025 15:47

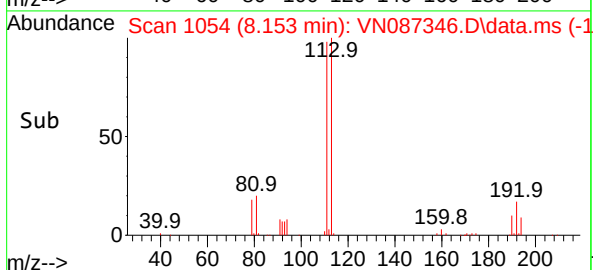
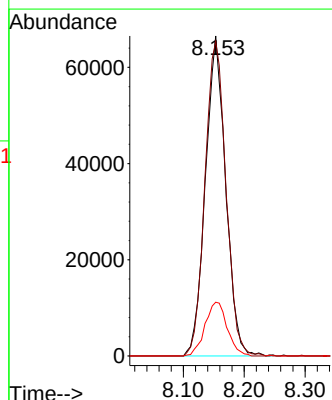
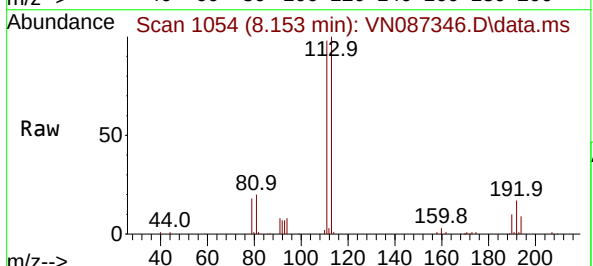
Tgt Ion:113 Resp: 153771

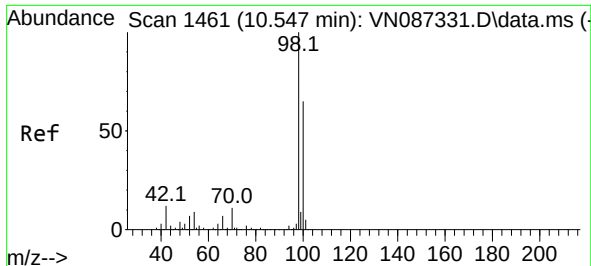
Ion Ratio Lower Upper

113 100

111 101.9 82.5 123.7

192 18.4 13.7 20.5

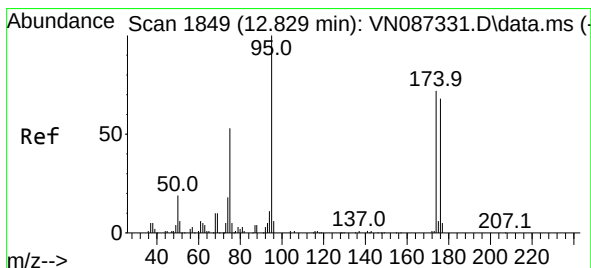
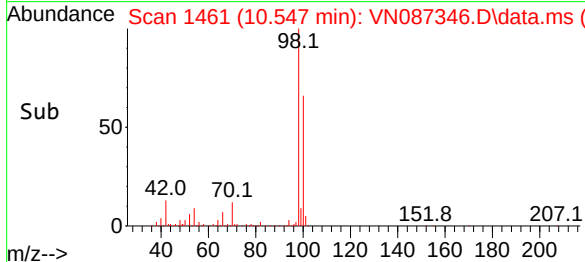
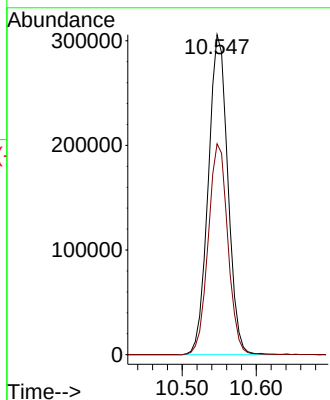
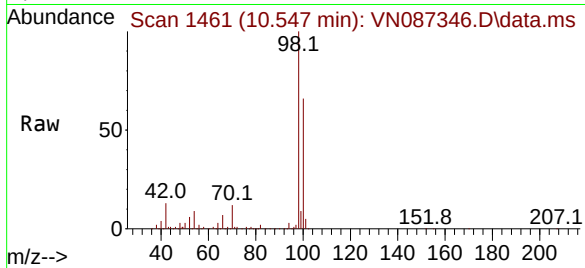




#50  
Toluene-d8  
Concen: 49.537 ug/l  
RT: 10.547 min Scan# 1461  
Delta R.T. 0.000 min  
Lab File: VN087346.D  
Acq: 17 Jul 2025 15:47

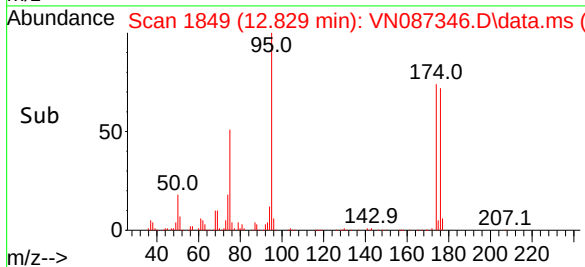
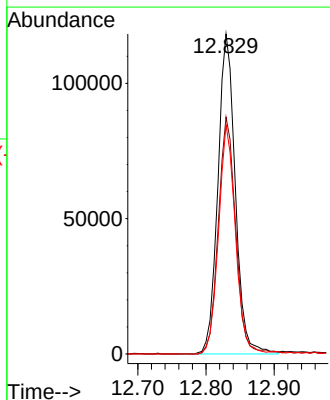
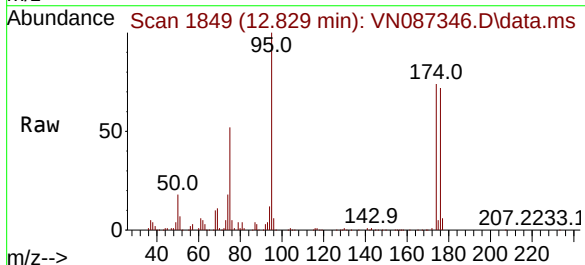
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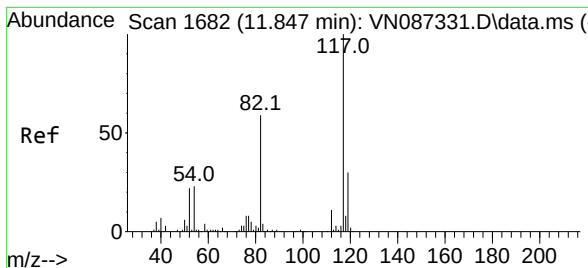
Tgt Ion: 98 Resp: 560003  
Ion Ratio Lower Upper  
98 100  
100 66.2 52.1 78.1



#62  
4-Bromofluorobenzene  
Concen: 50.328 ug/l  
RT: 12.829 min Scan# 1849  
Delta R.T. 0.000 min  
Lab File: VN087346.D  
Acq: 17 Jul 2025 15:47

Tgt Ion: 95 Resp: 210196  
Ion Ratio Lower Upper  
95 100  
174 73.9 0.0 149.4  
176 69.3 0.0 141.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.847 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN087346.D

Acq: 17 Jul 2025 15:47

Instrument :

MSVOA\_N

ClientSampleId :

FIBER-GLASS-TANK

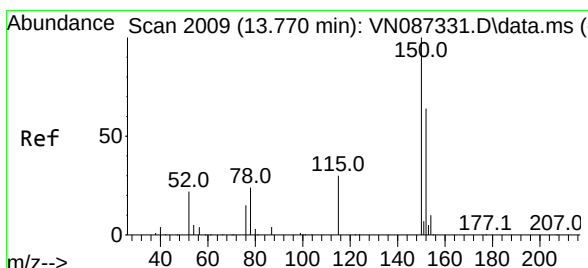
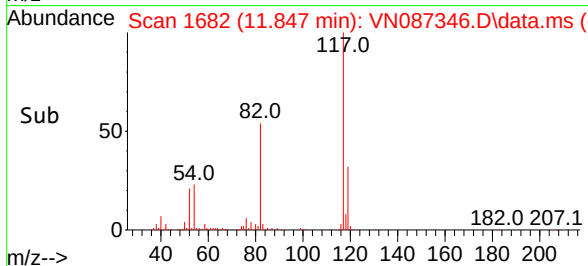
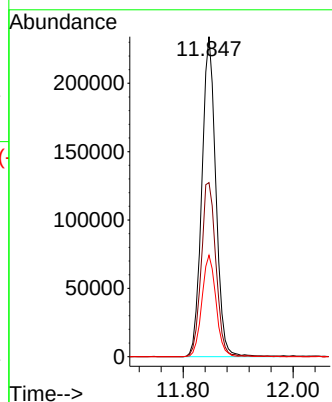
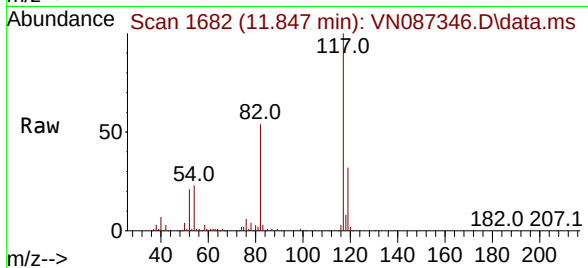
Tgt Ion:117 Resp: 413600

Ion Ratio Lower Upper

117 100

82 54.4 47.4 71.2

119 31.7 23.8 35.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.770 min Scan# 2009

Delta R.T. 0.000 min

Lab File: VN087346.D

Acq: 17 Jul 2025 15:47

Tgt Ion:152 Resp: 203472

Ion Ratio Lower Upper

152 100

115 61.5 31.1 93.5

150 156.3 0.0 349.0

