

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN121025\  
 Data File : VN088493.D  
 Acq On : 10 Dec 2025 12:44  
 Operator : JC\MD  
 Sample : Q3813-03  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 EB01-120825

Quant Time: Dec 11 02:06:20 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N112425W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Nov 25 01:34:52 2025  
 Response via : Initial Calibration

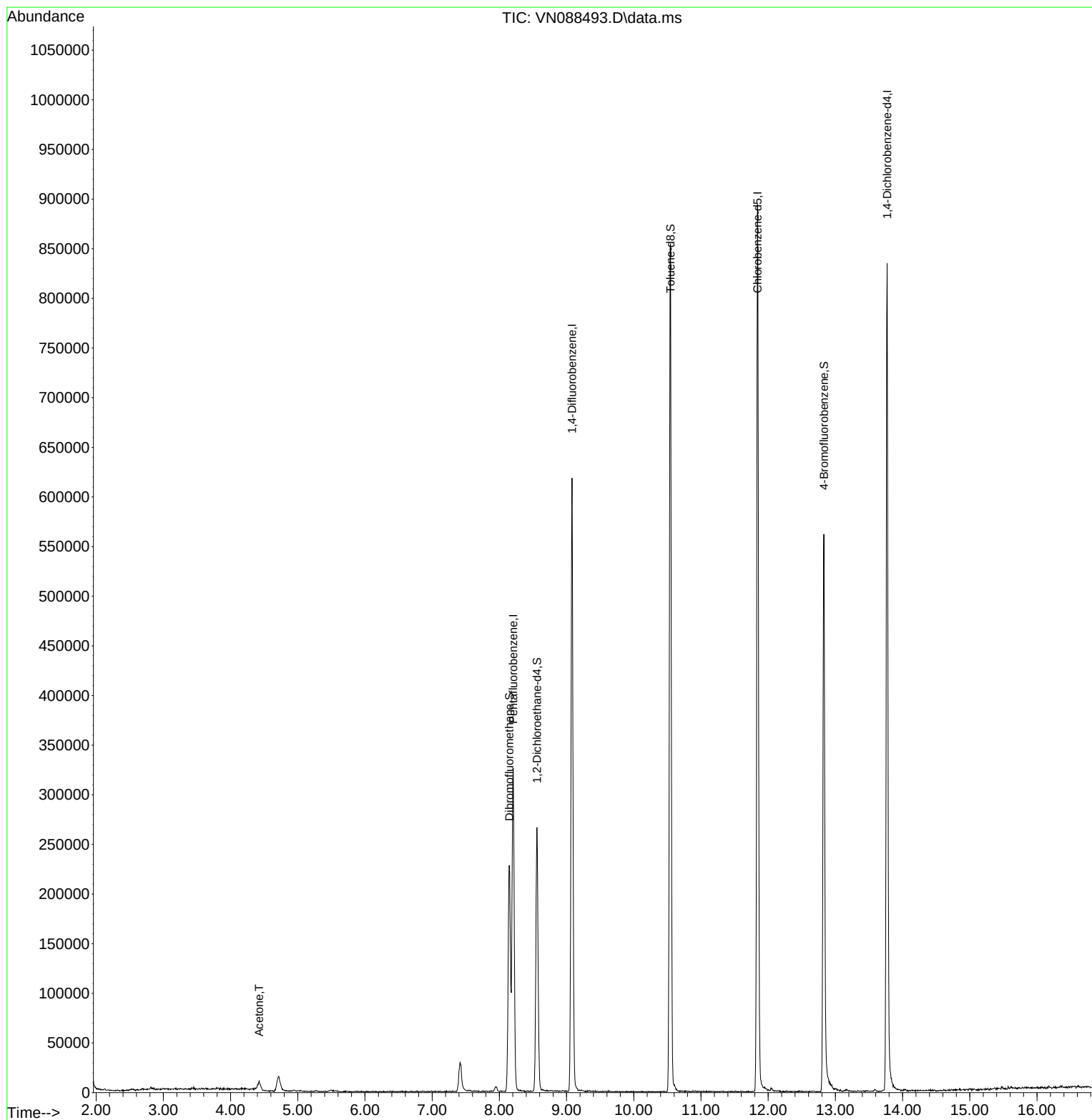
| Compound                    | R.T.   | QIon  | Response | Conc     | Units | Dev(Min)    |
|-----------------------------|--------|-------|----------|----------|-------|-------------|
| -----                       |        |       |          |          |       |             |
| Internal Standards          |        |       |          |          |       |             |
| 1) Pentafluorobenzene       | 8.206  | 168   | 207235   | 50.000   | ug/l  | 0.00        |
| 34) 1,4-Difluorobenzene     | 9.082  | 114   | 478662   | 50.000   | ug/l  | 0.00        |
| 63) Chlorobenzene-d5        | 11.841 | 117   | 473650   | 50.000   | ug/l  | 0.00        |
| 72) 1,4-Dichlorobenzene-d4  | 13.770 | 152   | 215051   | 50.000   | ug/l  | 0.00        |
| System Monitoring Compounds |        |       |          |          |       |             |
| 33) 1,2-Dichloroethane-d4   | 8.559  | 65    | 227328   | 58.231   | ug/l  | 0.00        |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | =     | 116.460%    |
| 35) Dibromofluoromethane    | 8.147  | 113   | 163948   | 49.425   | ug/l  | 0.00        |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =     | 98.840%     |
| 50) Toluene-d8              | 10.547 | 98    | 573401   | 46.459   | ug/l  | 0.00        |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | =     | 92.920%     |
| 62) 4-Bromofluorobenzene    | 12.829 | 95    | 213914   | 50.513   | ug/l  | 0.00        |
| Spiked Amount               | 50.000 | Range | 77 - 121 | Recovery | =     | 101.020%    |
| Target Compounds            |        |       |          |          |       |             |
| 16) Acetone                 | 4.424  | 43    | 18673    | 13.226   | ug/l  | Qvalue # 77 |
| -----                       |        |       |          |          |       |             |

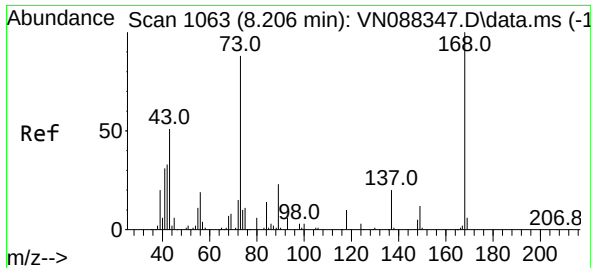
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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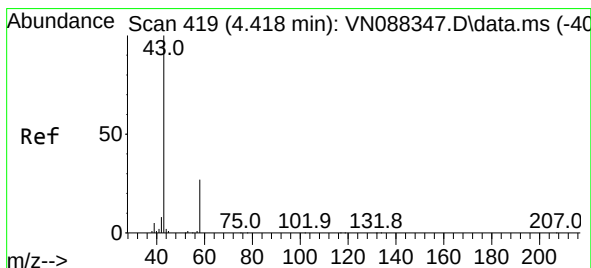
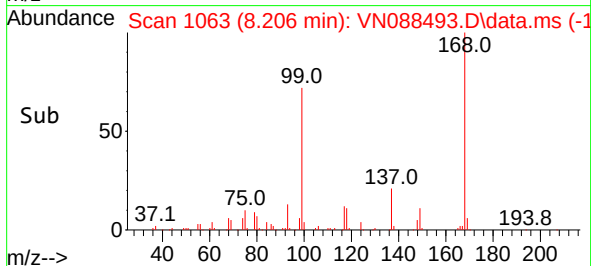
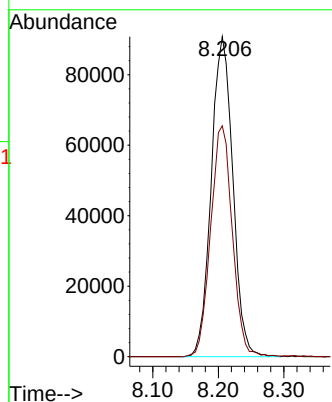
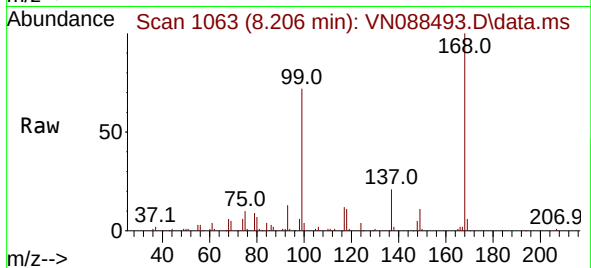




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.206 min Scan# 1063  
Delta R.T. 0.000 min  
Lab File: VN088493.D  
Acq: 10 Dec 2025 12:44

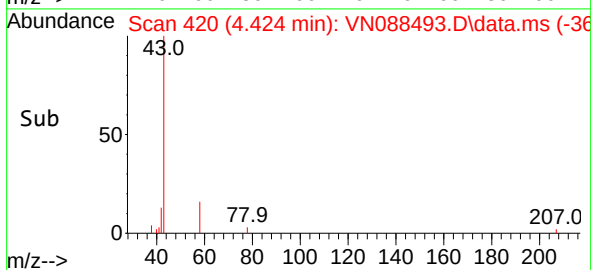
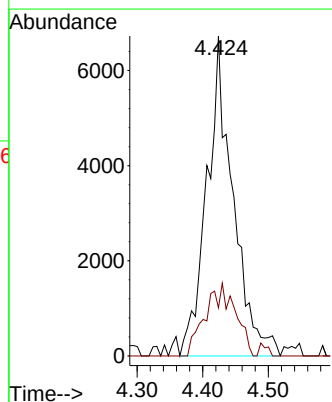
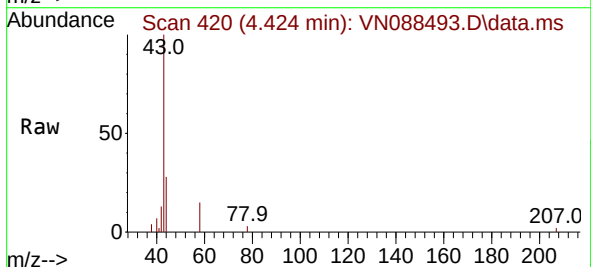
Instrument :  
MSVOA\_N  
ClientSampleId :  
EB01-120825

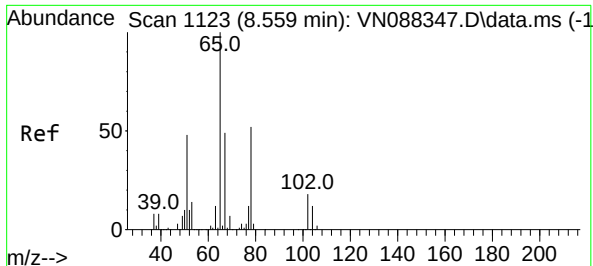
Tgt Ion:168 Resp: 207235  
Ion Ratio Lower Upper  
168 100  
99 72.1 57.1 85.7



#16  
Acetone  
Concen: 13.226 ug/l  
RT: 4.424 min Scan# 420  
Delta R.T. 0.006 min  
Lab File: VN088493.D  
Acq: 10 Dec 2025 12:44

Tgt Ion: 43 Resp: 18673  
Ion Ratio Lower Upper  
43 100  
58 15.0 21.7 32.5#





#33

1,2-Dichloroethane-d4

Concen: 58.231 ug/l

RT: 8.559 min Scan# 1123

Delta R.T. 0.000 min

Lab File: VN088493.D

Acq: 10 Dec 2025 12:44

Instrument :

MSVOA\_N

ClientSampleId :

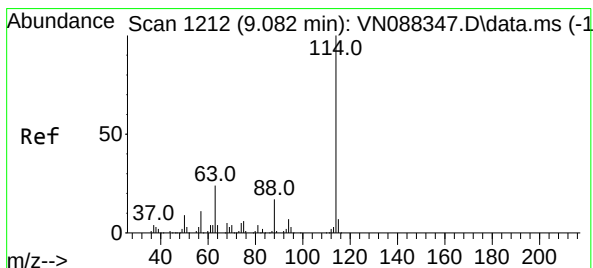
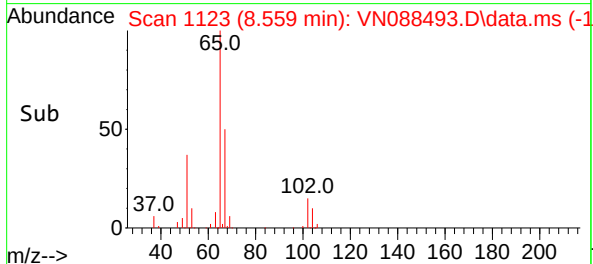
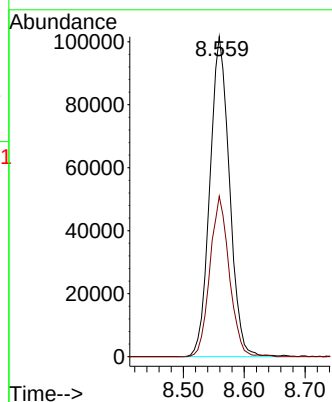
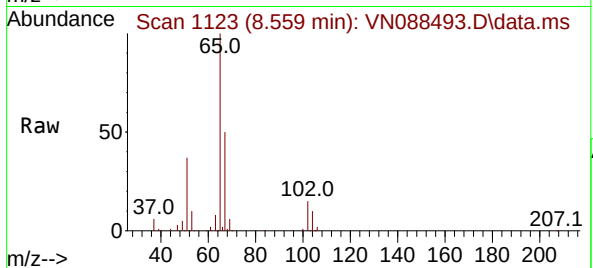
EB01-120825

Tgt Ion: 65 Resp: 227328

Ion Ratio Lower Upper

65 100

67 49.6 0.0 100.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.082 min Scan# 1212

Delta R.T. 0.000 min

Lab File: VN088493.D

Acq: 10 Dec 2025 12:44

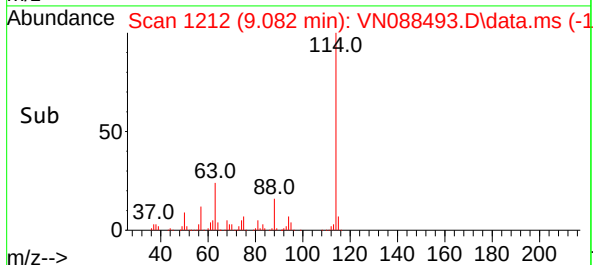
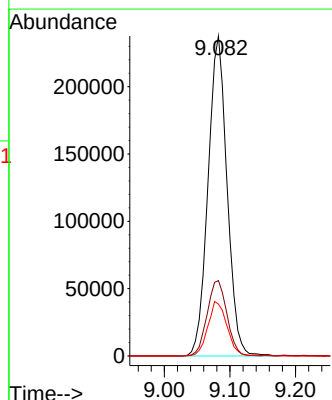
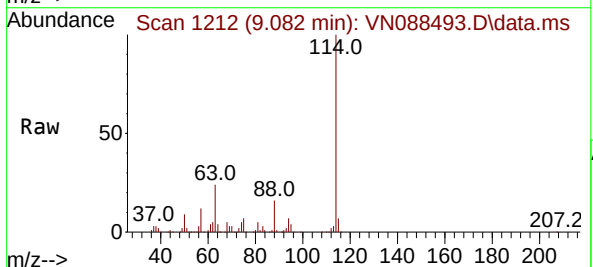
Tgt Ion: 114 Resp: 478662

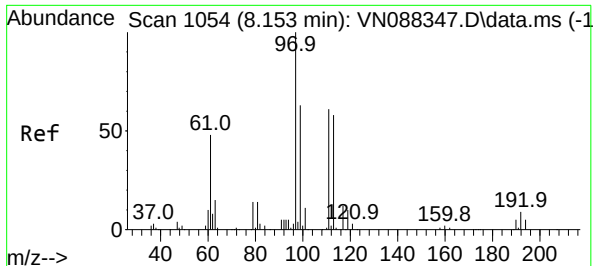
Ion Ratio Lower Upper

114 100

63 23.6 0.0 49.0

88 16.2 0.0 34.0





#35

Dibromofluoromethane

Concen: 49.425 ug/l

RT: 8.147 min Scan# 1053

Delta R.T. -0.006 min

Lab File: VN088493.D

Acq: 10 Dec 2025 12:44

Instrument :

MSVOA\_N

ClientSampleId :

EB01-120825

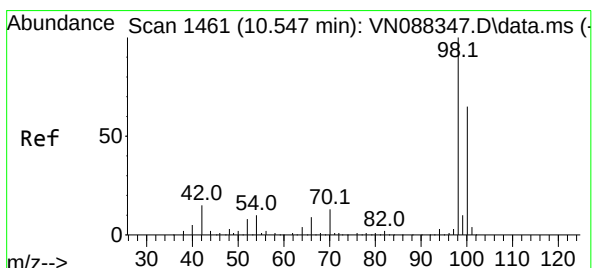
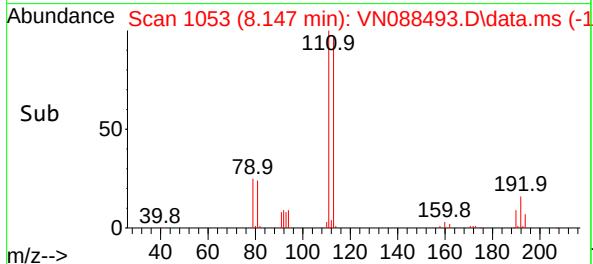
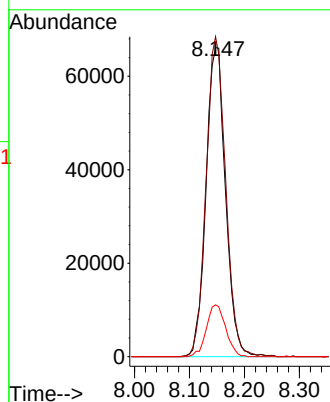
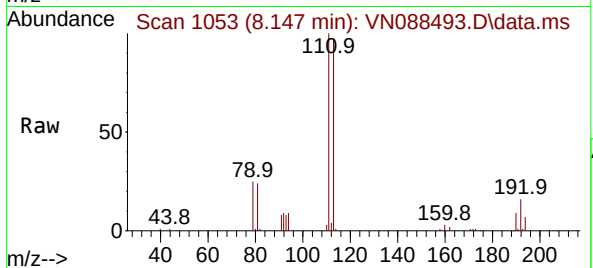
Tgt Ion:113 Resp: 163948

Ion Ratio Lower Upper

113 100

111 103.1 82.5 123.7

192 16.5 12.8 19.2



#50

Toluene-d8

Concen: 46.459 ug/l

RT: 10.547 min Scan# 1461

Delta R.T. 0.000 min

Lab File: VN088493.D

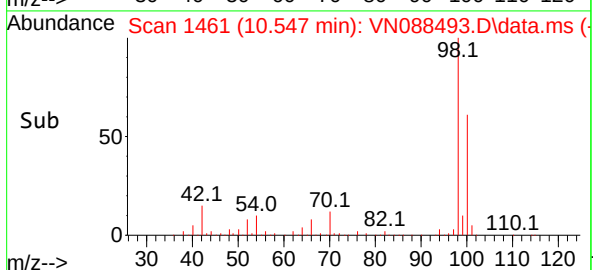
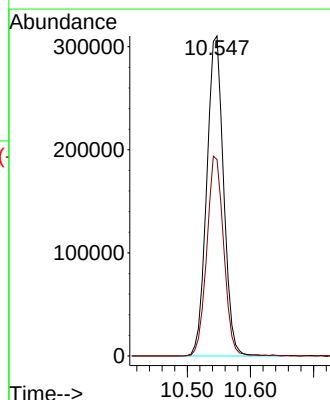
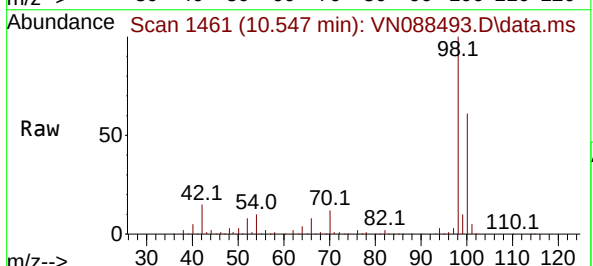
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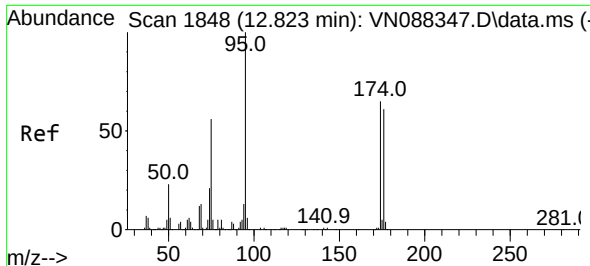
Tgt Ion: 98 Resp: 573401

Ion Ratio Lower Upper

98 100

100 62.7 52.2 78.2

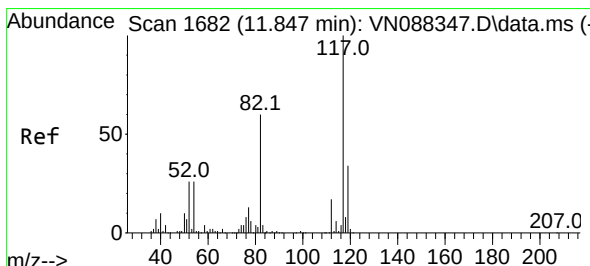
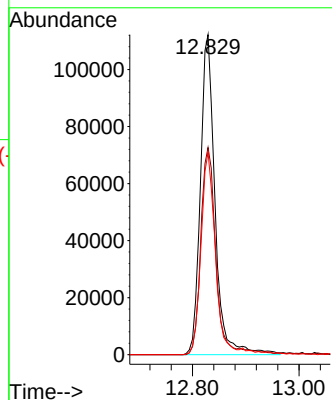
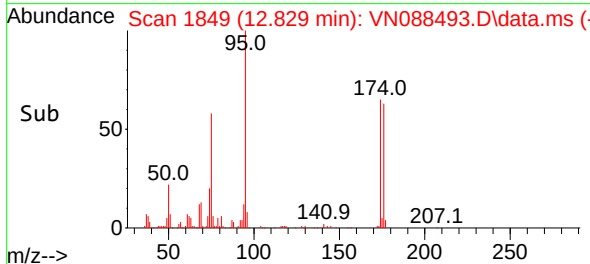
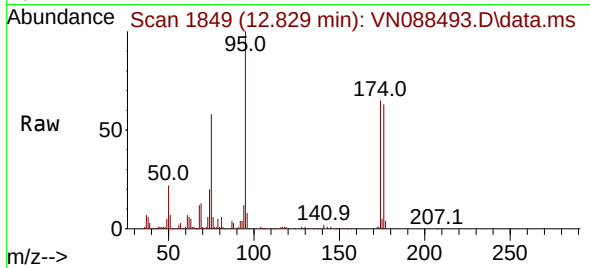




#62  
4-Bromofluorobenzene  
Concen: 50.513 ug/l  
RT: 12.829 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VN088493.D  
Acq: 10 Dec 2025 12:44

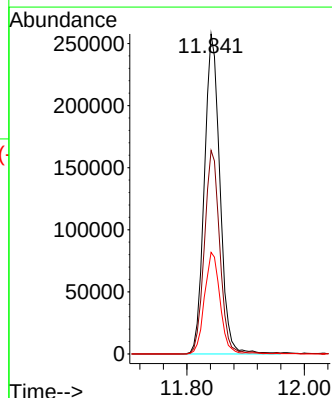
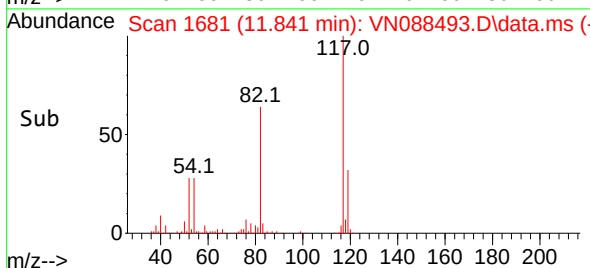
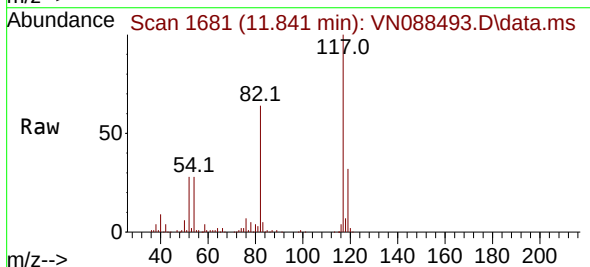
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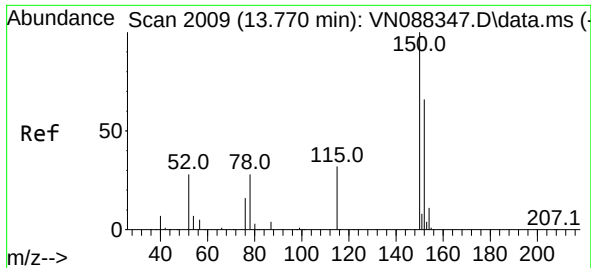
Tgt Ion: 95 Resp: 213914  
Ion Ratio Lower Upper  
95 100  
174 67.0 0.0 139.0  
176 61.2 0.0 132.4



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.841 min Scan# 1681  
Delta R.T. -0.006 min  
Lab File: VN088493.D  
Acq: 10 Dec 2025 12:44

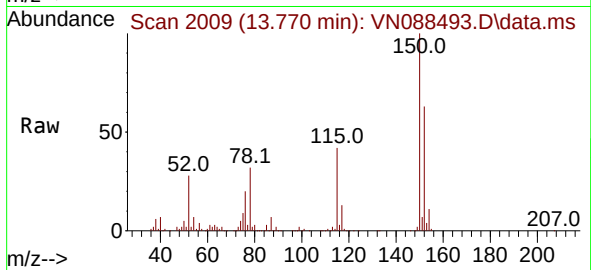
Tgt Ion: 117 Resp: 473650  
Ion Ratio Lower Upper  
117 100  
82 63.6 47.8 71.8  
119 31.8 26.9 40.3





#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 13.770 min Scan# 20  
 Delta R.T. 0.000 min  
 Lab File: VN088493.D  
 Acq: 10 Dec 2025 12:44

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 EB01-120825



Tgt Ion:152 Resp: 215051  
 Ion Ratio Lower Upper  
 152 100  
 115 66.8 33.0 98.9  
 150 159.9 0.0 349.0

