

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN071624\  
 Data File : VN082947.D  
 Acq On : 16 Jul 2024 20:04  
 Operator : JC\MD  
 Sample : P3246-20  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 WC-CTW2-BL-04-G

Quant Time: Jul 17 01:01:22 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N070824W.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Jul 08 13:46:04 2024  
 Response via : Initial Calibration

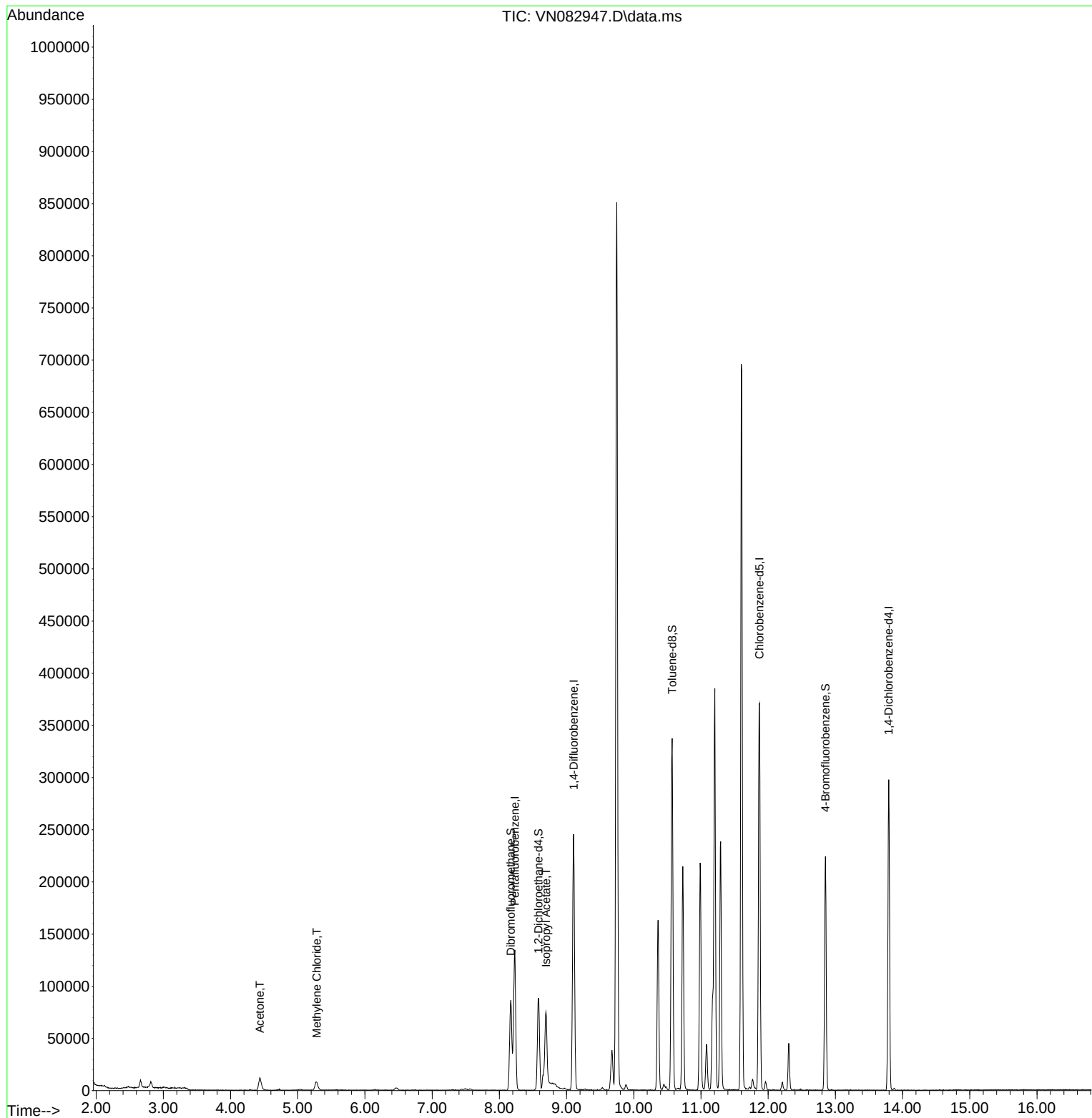
| Compound                    | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|--------|----------|
| -----                       |        |       |          |          |        |          |
| Internal Standards          |        |       |          |          |        |          |
| 1) Pentafluorobenzene       | 8.230  | 168   | 92117    | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 9.106  | 114   | 203199   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 11.871 | 117   | 214942   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.794 | 152   | 78121    | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 8.583  | 65    | 75687    | 58.613   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | =      | 117.220% |
| 35) Dibromofluoromethane    | 8.171  | 113   | 61522    | 47.184   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =      | 94.360%  |
| 50) Toluene-d8              | 10.571 | 98    | 231977   | 48.170   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | =      | 96.340%  |
| 62) 4-Bromofluorobenzene    | 12.853 | 95    | 73114    | 42.265   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 64 - 133 | Recovery | =      | 84.540%  |
| Target Compounds            |        |       |          |          |        |          |
|                             |        |       |          |          | Qvalue |          |
| 16) Acetone                 | 4.436  | 43    | 21935    | 48.248   | ug/l   | 98       |
| 20) Methylene Chloride      | 5.283  | 84    | 6744     | 6.142    | ug/l # | 77       |
| 43) Isopropyl Acetate       | 8.694  | 43    | 97074    | 26.749   | ug/l # | 88       |
| -----                       |        |       |          |          |        |          |

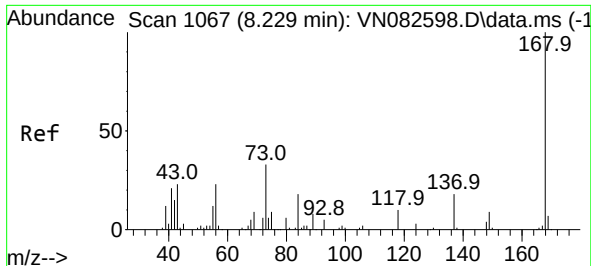
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260  
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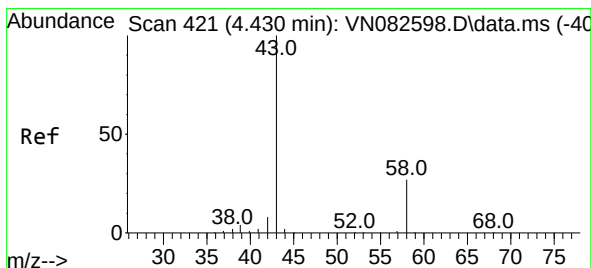
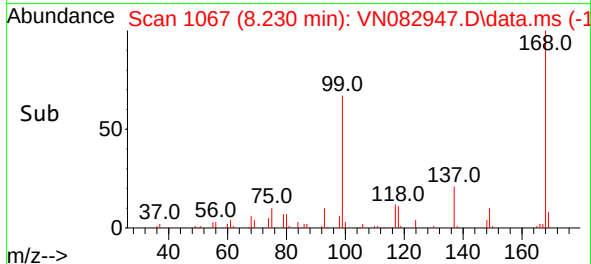
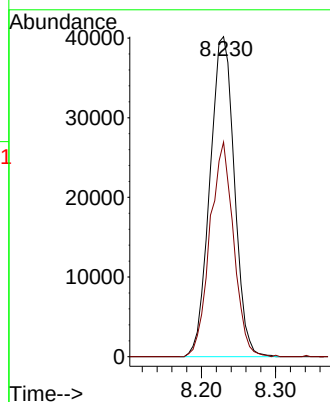
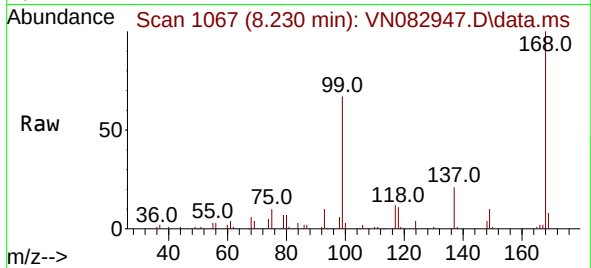




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.230 min Scan# 1067  
Delta R.T. 0.001 min  
Lab File: VN082947.D  
Acq: 16 Jul 2024 20:04

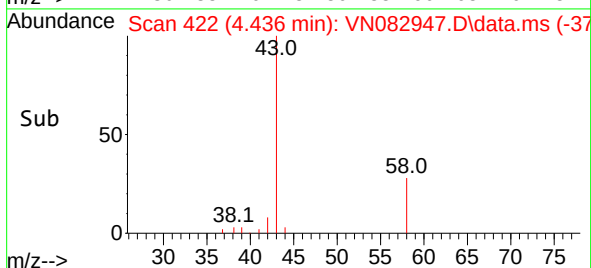
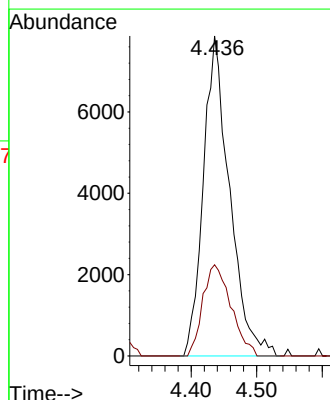
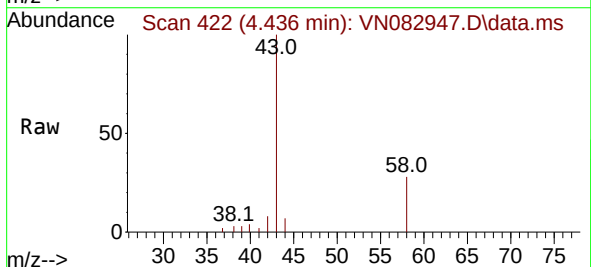
Instrument :  
MSVOA\_N  
ClientSampleId :  
WC-CTW2-BL-04-G

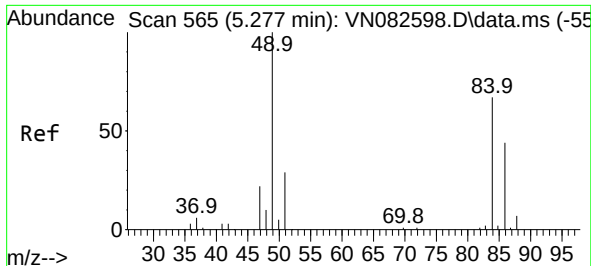
Tgt Ion:168 Resp: 92117  
Ion Ratio Lower Upper  
168 100  
99 67.0 48.2 72.4



#16  
Acetone  
Concen: 48.248 ug/l  
RT: 4.436 min Scan# 422  
Delta R.T. 0.006 min  
Lab File: VN082947.D  
Acq: 16 Jul 2024 20:04

Tgt Ion: 43 Resp: 21935  
Ion Ratio Lower Upper  
43 100  
58 28.5 21.8 32.6

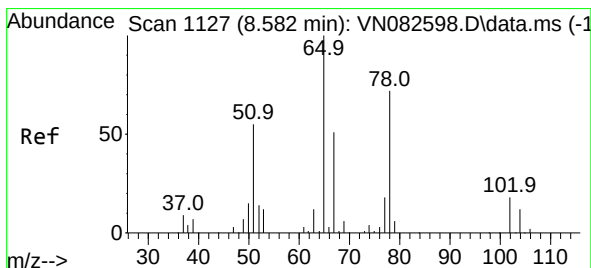
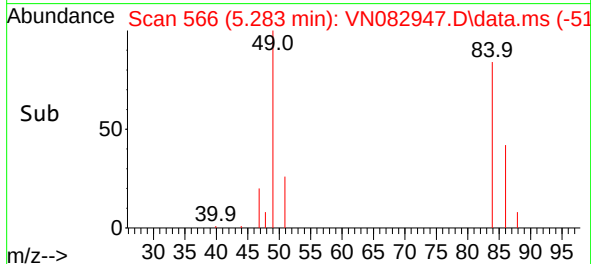
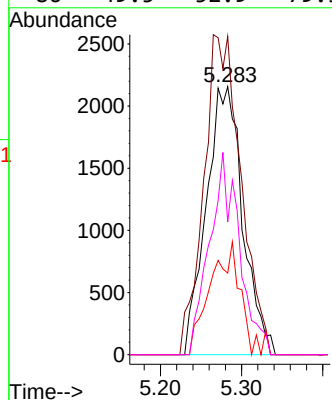
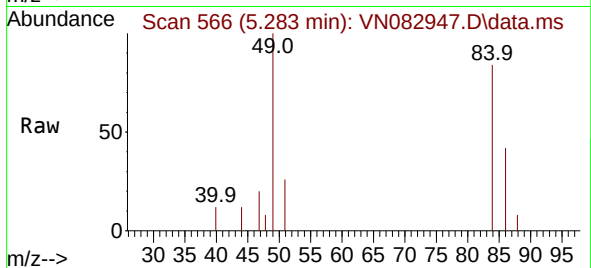




#20  
Methylene Chloride  
Concen: 6.142 ug/l  
RT: 5.283 min Scan# 51  
Delta R.T. 0.006 min  
Lab File: VN082947.D  
Acq: 16 Jul 2024 20:04

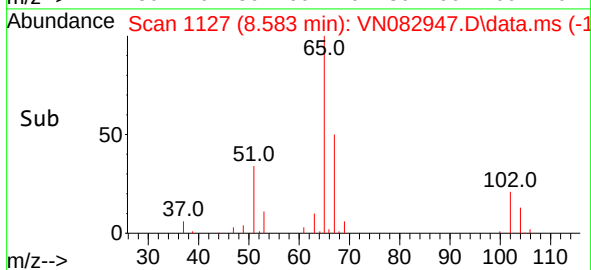
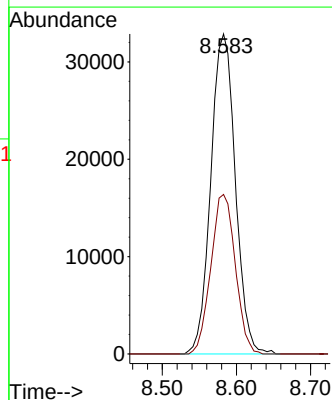
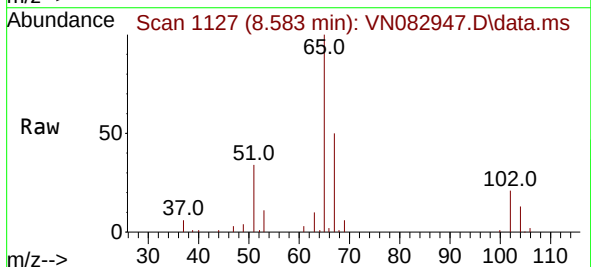
Instrument :  
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ClientSampleId :  
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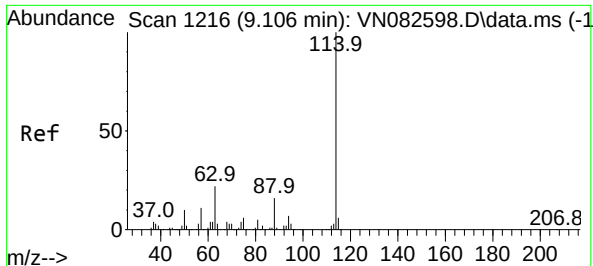
Tgt Ion: 84 Resp: 6744  
Ion Ratio Lower Upper  
84 100  
49 118.7 119.6 179.4#  
51 30.4 34.8 52.2#  
86 49.5 52.9 79.3#



#33  
1,2-Dichloroethane-d4  
Concen: 58.613 ug/l  
RT: 8.583 min Scan# 1127  
Delta R.T. 0.001 min  
Lab File: VN082947.D  
Acq: 16 Jul 2024 20:04

Tgt Ion: 65 Resp: 75687  
Ion Ratio Lower Upper  
65 100  
67 49.6 0.0 104.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN082947.D

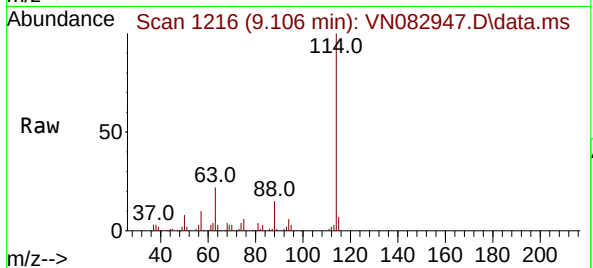
Acq: 16 Jul 2024 20:04

Instrument :

MSVOA\_N

ClientSampleId :

WC-CTW2-BL-04-G



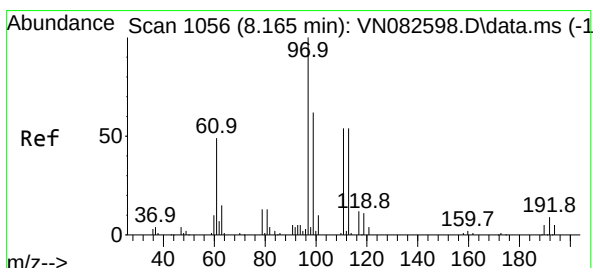
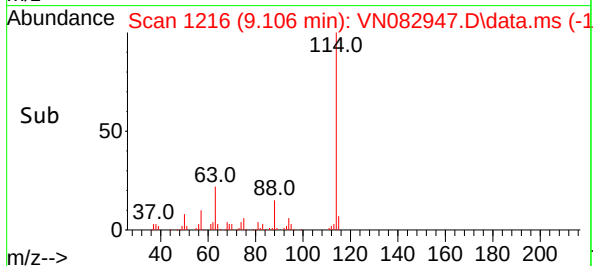
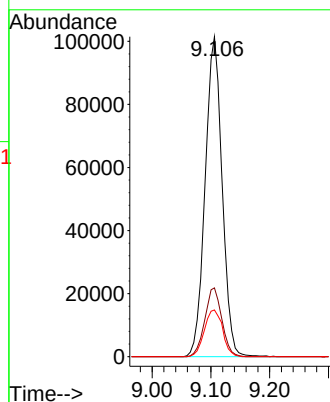
Tgt Ion:114 Resp: 203199

Ion Ratio Lower Upper

114 100

63 21.5 0.0 44.6

88 14.6 0.0 31.4



#35

Dibromofluoromethane

Concen: 47.184 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN082947.D

Acq: 16 Jul 2024 20:04

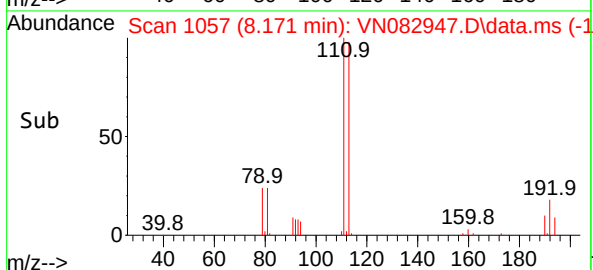
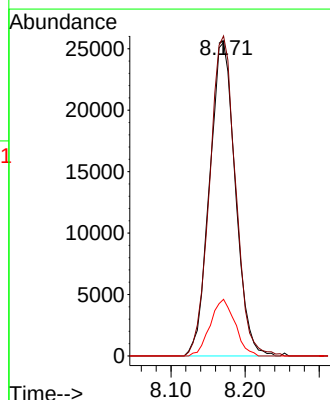
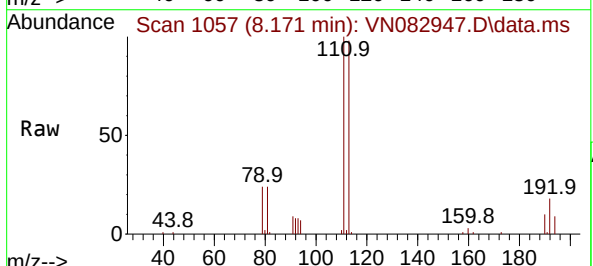
Tgt Ion:113 Resp: 61522

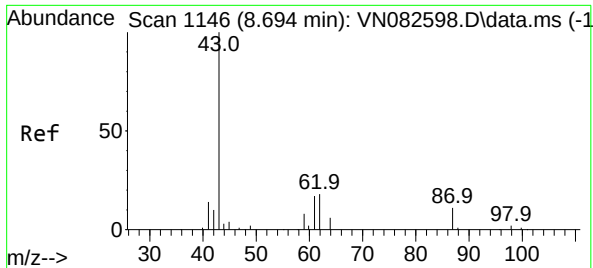
Ion Ratio Lower Upper

113 100

111 102.1 82.4 123.6

192 17.4 14.9 22.3

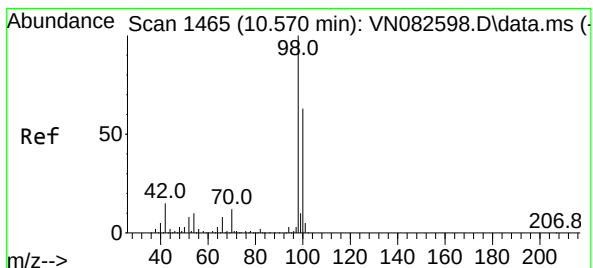
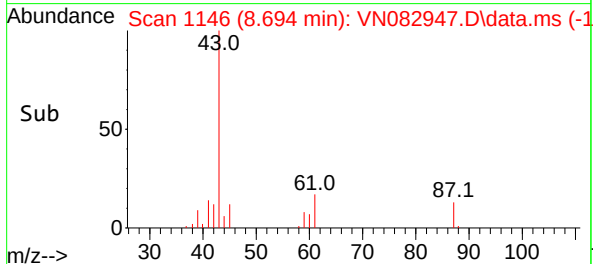
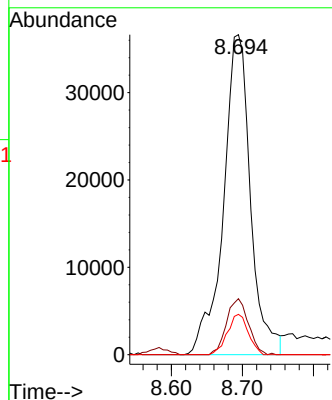
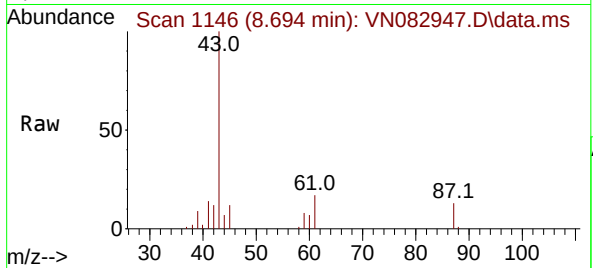




#43  
Isopropyl Acetate  
Concen: 26.749 ug/l  
RT: 8.694 min Scan# 1146  
Delta R.T. 0.000 min  
Lab File: VN082947.D  
Acq: 16 Jul 2024 20:04

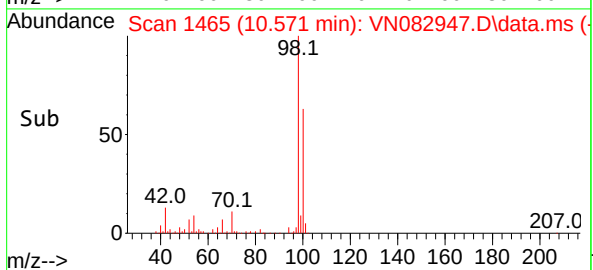
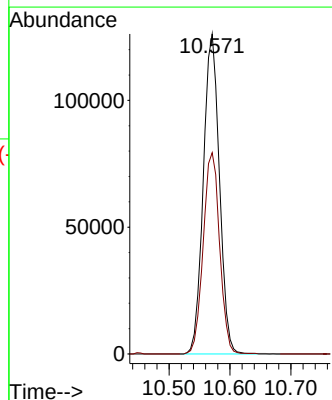
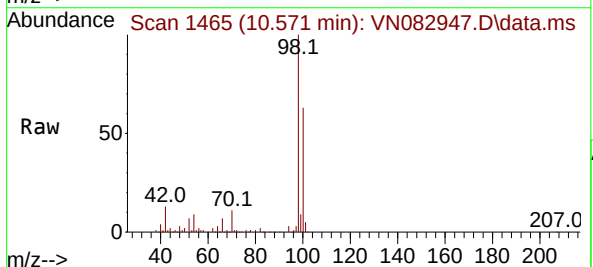
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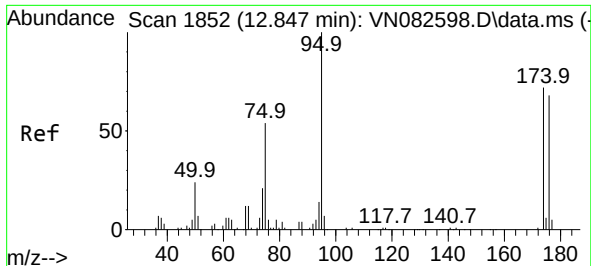
Tgt Ion: 43 Resp: 97074  
Ion Ratio Lower Upper  
43 100  
61 14.2 17.8 26.6#  
87 9.7 8.2 12.2



#50  
Toluene-d8  
Concen: 48.170 ug/l  
RT: 10.571 min Scan# 1465  
Delta R.T. 0.001 min  
Lab File: VN082947.D  
Acq: 16 Jul 2024 20:04

Tgt Ion: 98 Resp: 231977  
Ion Ratio Lower Upper  
98 100  
100 64.1 51.5 77.3

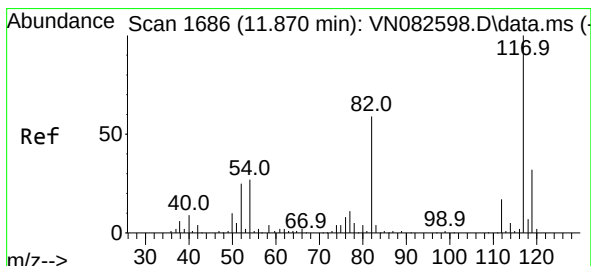
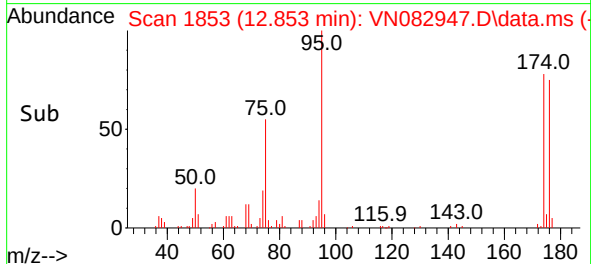
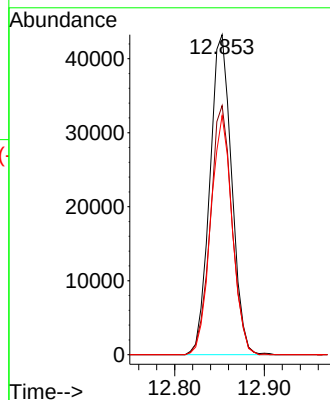
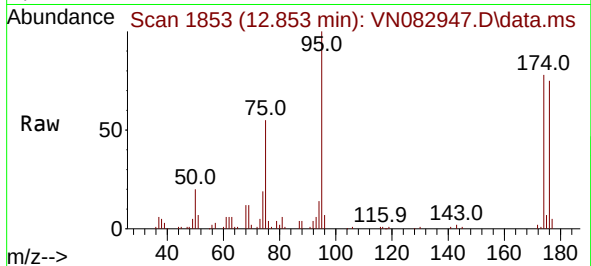




#62  
4-Bromofluorobenzene  
Concen: 42.265 ug/l  
RT: 12.853 min Scan# 1853  
Delta R.T. 0.006 min  
Lab File: VN082947.D  
Acq: 16 Jul 2024 20:04

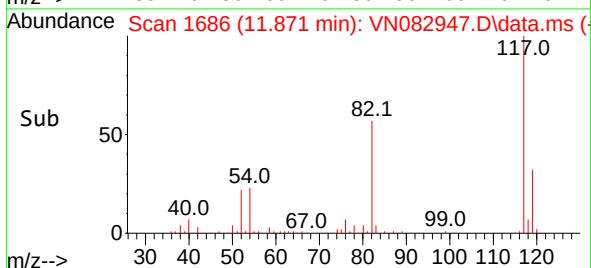
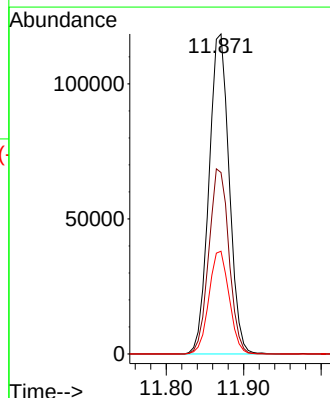
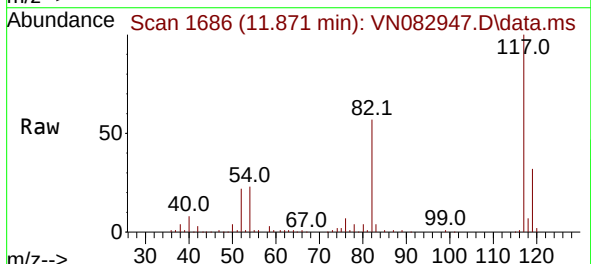
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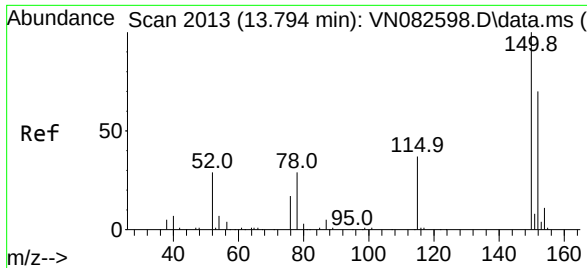
Tgt Ion: 95 Resp: 73114  
Ion Ratio Lower Upper  
95 100  
174 77.3 0.0 159.2  
176 73.5 0.0 147.6



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.871 min Scan# 1686  
Delta R.T. 0.001 min  
Lab File: VN082947.D  
Acq: 16 Jul 2024 20:04

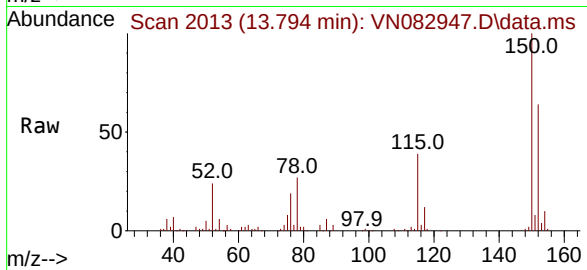
Tgt Ion: 117 Resp: 214942  
Ion Ratio Lower Upper  
117 100  
82 56.7 47.5 71.3  
119 32.1 25.6 38.4





#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 13.794 min Scan# 20  
 Delta R.T. -0.000 min  
 Lab File: VN082947.D  
 Acq: 16 Jul 2024 20:04

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 WC-CTW2-BL-04-G



Tgt Ion:152 Resp: 78121  
 Ion Ratio Lower Upper  
 152 100  
 115 60.7 30.6 91.6  
 150 157.9 0.0 348.6

