

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN052124\  
 Data File : VN082253.D  
 Acq On : 21 May 2024 20:19  
 Operator : JC\MD  
 Sample : P2511-04MEDL 20X  
 Misc : 5.01g/10mL/100uL/5.00mL/MSVOA\_N/MEOH  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 665MEDL

Quant Time: May 22 01:32:59 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N051524W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu May 16 05:21:06 2024  
 Response via : Initial Calibration

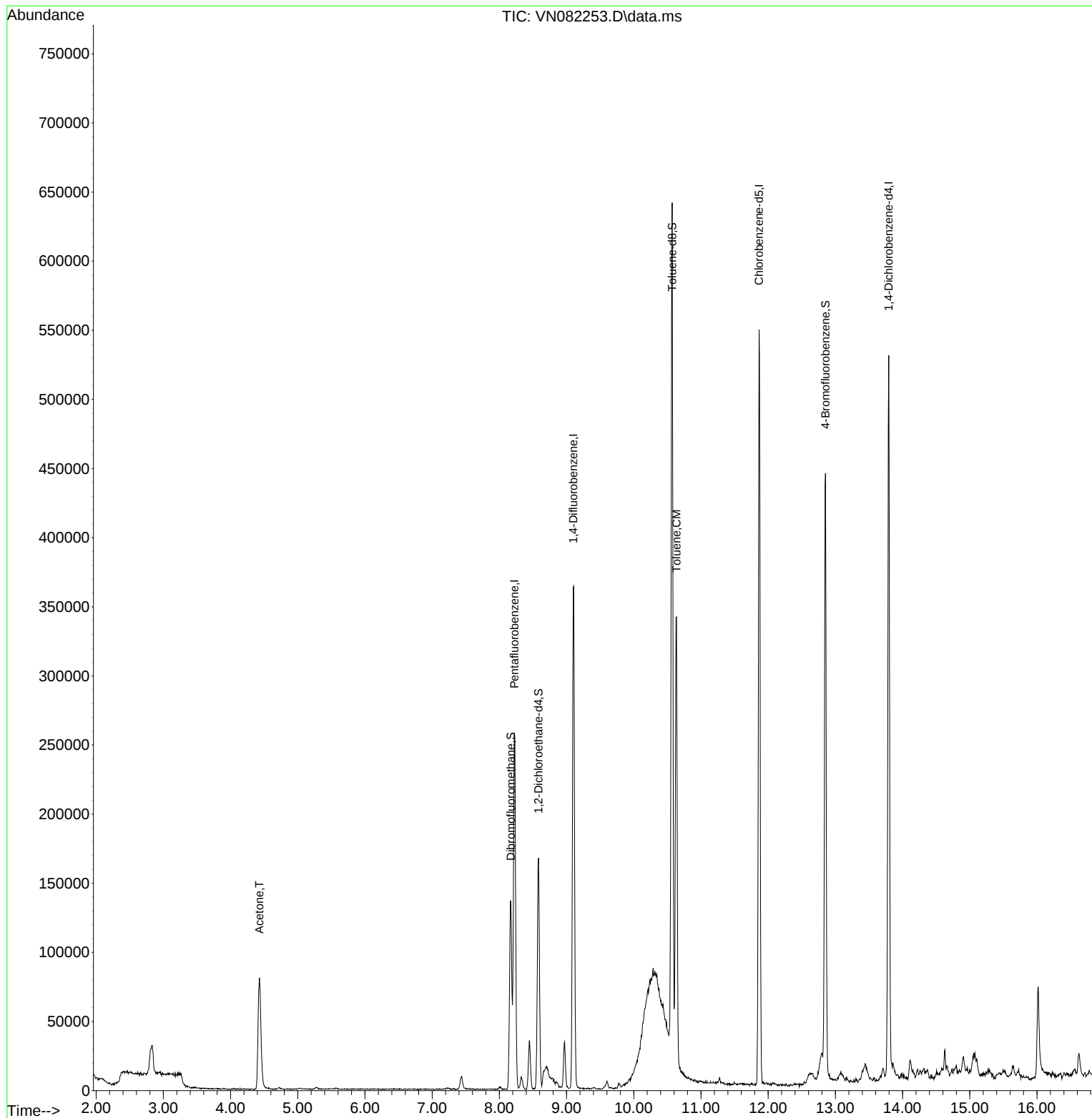
| Compound                    | R.T. QIon |       | Response | Conc     | Units       | Dev(Min) |
|-----------------------------|-----------|-------|----------|----------|-------------|----------|
| -----                       |           |       |          |          |             |          |
| Internal Standards          |           |       |          |          |             |          |
| 1) Pentafluorobenzene       | 8.224     | 168   | 166569   | 50.000   | ug/l        | 0.00     |
| 34) 1,4-Difluorobenzene     | 9.100     | 114   | 292327   | 50.000   | ug/l        | 0.00     |
| 63) Chlorobenzene-d5        | 11.865    | 117   | 284332   | 50.000   | ug/l        | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.794    | 152   | 126725   | 50.000   | ug/l        | 0.00     |
|                             |           |       |          |          |             |          |
| System Monitoring Compounds |           |       |          |          |             |          |
| 33) 1,2-Dichloroethane-d4   | 8.582     | 65    | 136863   | 52.036   | ug/l        | 0.00     |
| Spiked Amount               | 50.000    | Range | 74 - 125 | Recovery | = 104.080%  |          |
| 35) Dibromofluoromethane    | 8.171     | 113   | 95743    | 53.242   | ug/l        | 0.00     |
| Spiked Amount               | 50.000    | Range | 75 - 124 | Recovery | = 106.480%  |          |
| 50) Toluene-d8              | 10.570    | 98    | 395336   | 57.342   | ug/l        | 0.00     |
| Spiked Amount               | 50.000    | Range | 86 - 113 | Recovery | = 114.680%# |          |
| 62) 4-Bromofluorobenzene    | 12.853    | 95    | 140197   | 56.973   | ug/l        | 0.00     |
| Spiked Amount               | 50.000    | Range | 64 - 133 | Recovery | = 113.940%  |          |
|                             |           |       |          |          |             |          |
| Target Compounds            |           |       |          |          |             | Qvalue   |
| 16) Acetone                 | 4.430     | 43    | 159680   | 147.997  | ug/l        | 94       |
| 52) Toluene                 | 10.635    | 92    | 137630   | 25.500   | ug/l        | 97       |
| -----                       |           |       |          |          |             |          |

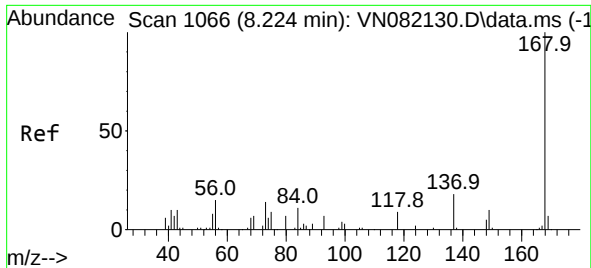
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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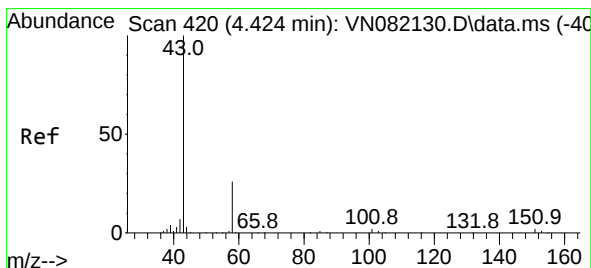
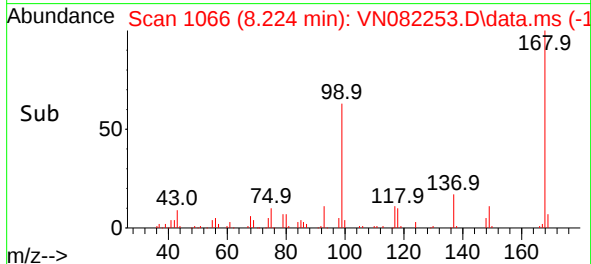
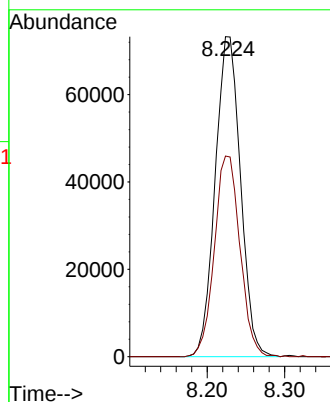
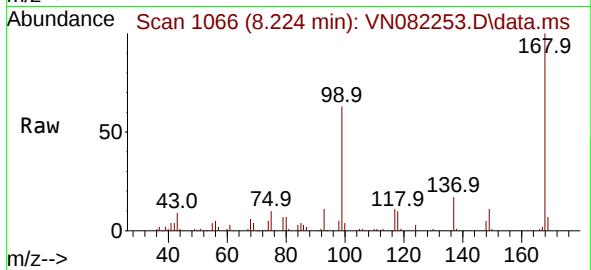




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.224 min Scan# 1066  
Delta R.T. -0.000 min  
Lab File: VN082253.D  
Acq: 21 May 2024 20:19

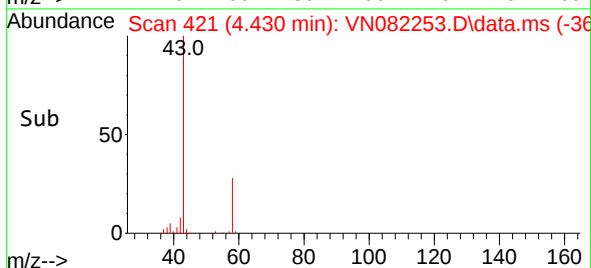
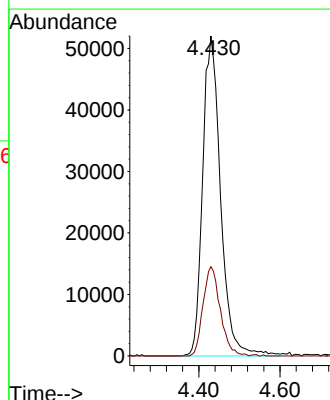
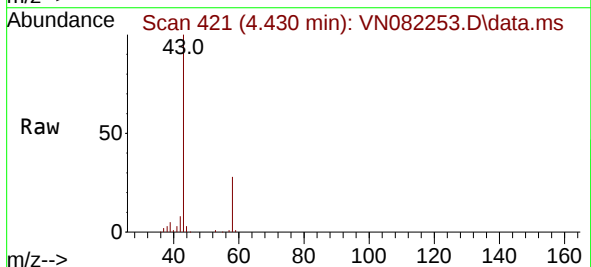
Instrument :  
MSVOA\_N  
ClientSampleId :  
665MEDL

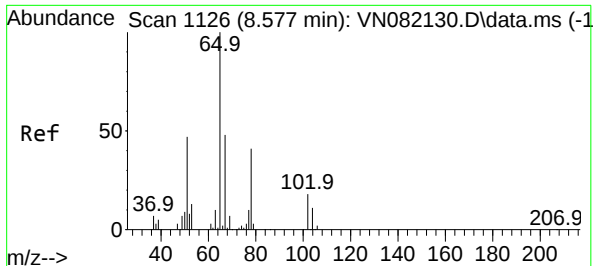
Tgt Ion:168 Resp: 166569  
Ion Ratio Lower Upper  
168 100  
99 62.7 48.2 72.4



#16  
Acetone  
Concen: 147.997 ug/l  
RT: 4.430 min Scan# 421  
Delta R.T. 0.006 min  
Lab File: VN082253.D  
Acq: 21 May 2024 20:19

Tgt Ion: 43 Resp: 159680  
Ion Ratio Lower Upper  
43 100  
58 27.9 25.2 37.8





#33

1,2-Dichloroethane-d4

Concen: 52.036 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN082253.D

Acq: 21 May 2024 20:19

Instrument :

MSVOA\_N

ClientSampleId :

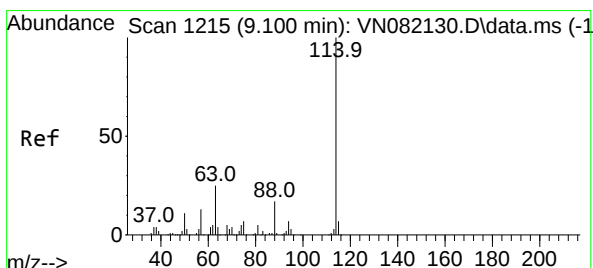
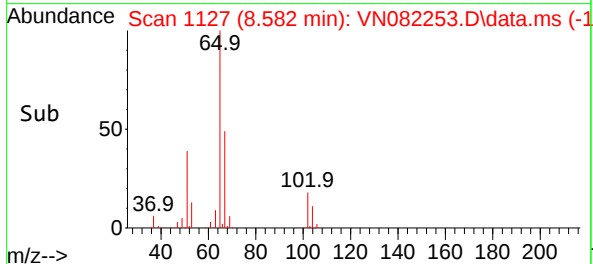
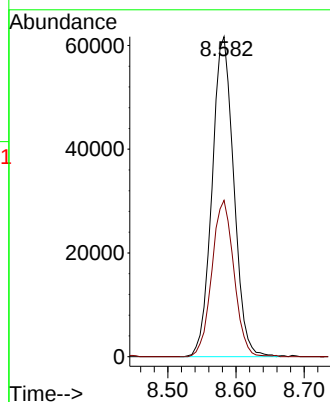
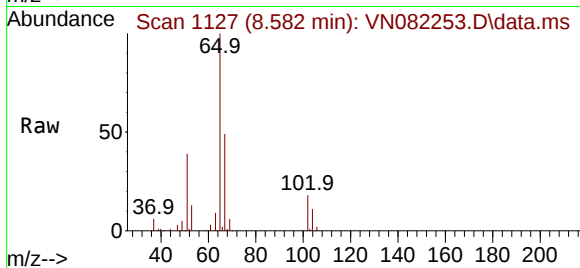
665MEDL

Tgt Ion: 65 Resp: 136863

Ion Ratio Lower Upper

65 100

67 49.6 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.000 min

Lab File: VN082253.D

Acq: 21 May 2024 20:19

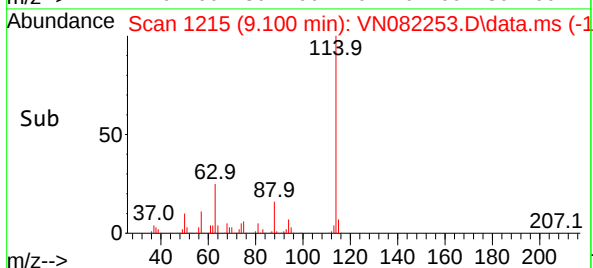
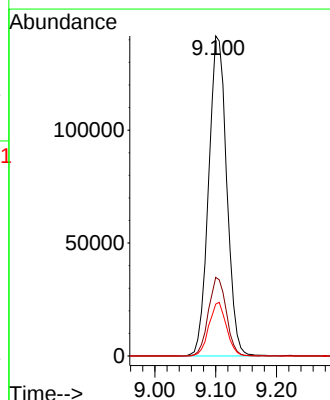
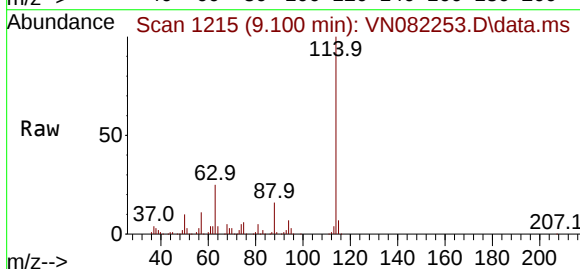
Tgt Ion:114 Resp: 292327

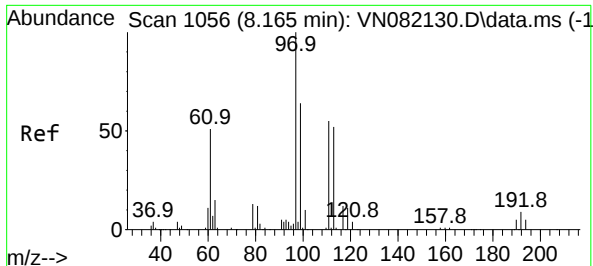
Ion Ratio Lower Upper

114 100

63 24.5 0.0 41.0

88 16.2 0.0 31.4

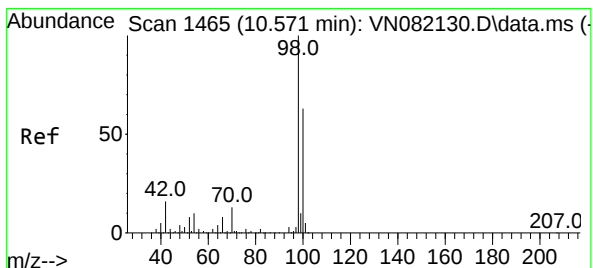
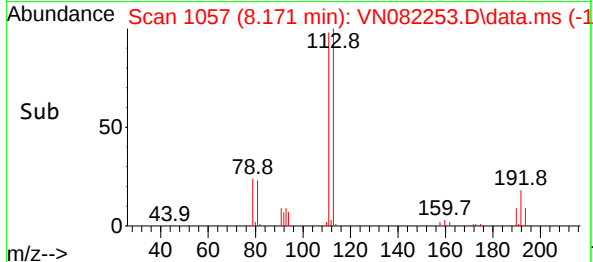
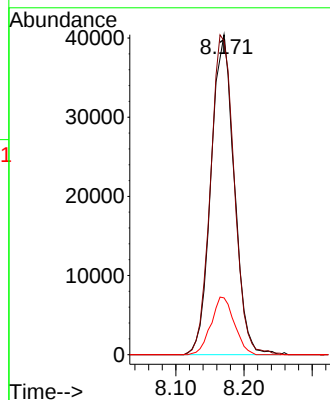
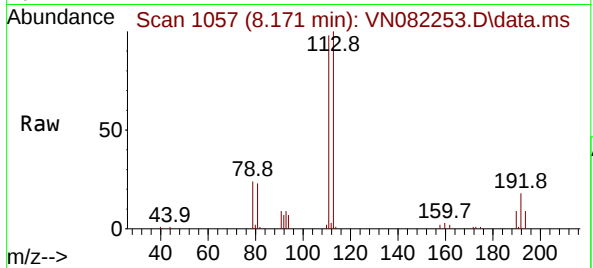




#35  
Dibromofluoromethane  
Concen: 53.242 ug/l  
RT: 8.171 min Scan# 1056  
Delta R.T. 0.006 min  
Lab File: VN082253.D  
Acq: 21 May 2024 20:19

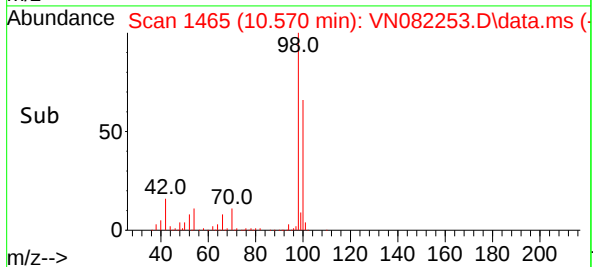
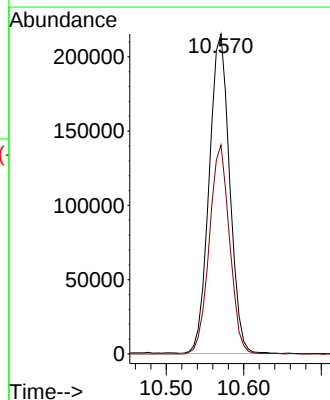
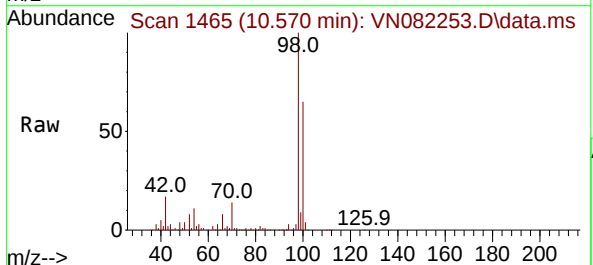
Instrument :  
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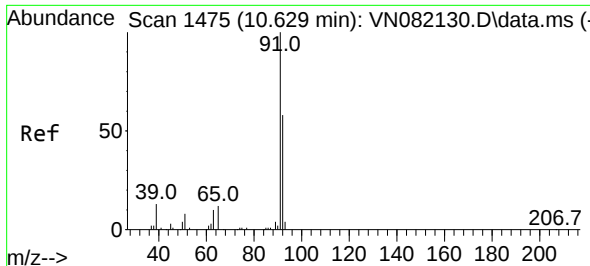
Tgt Ion:113 Resp: 95743  
Ion Ratio Lower Upper  
113 100  
111 102.0 83.4 125.2  
192 18.0 14.0 21.0



#50  
Toluene-d8  
Concen: 57.342 ug/l  
RT: 10.570 min Scan# 1465  
Delta R.T. -0.000 min  
Lab File: VN082253.D  
Acq: 21 May 2024 20:19

Tgt Ion: 98 Resp: 395336  
Ion Ratio Lower Upper  
98 100  
100 64.5 51.8 77.6

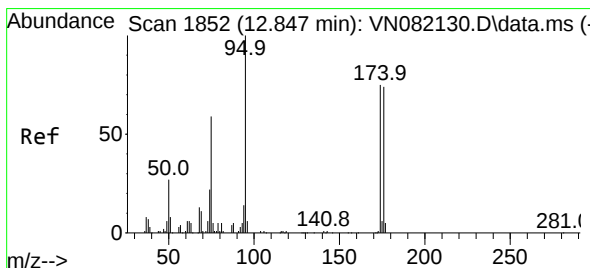
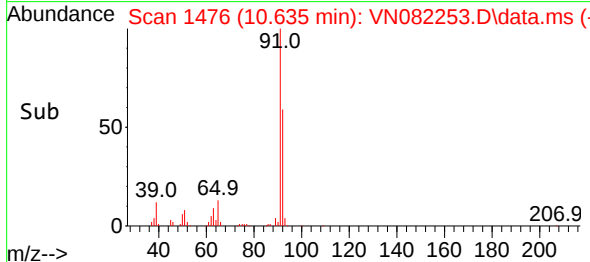
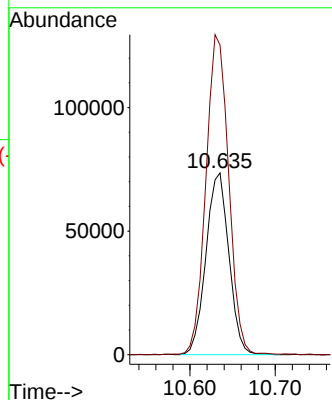
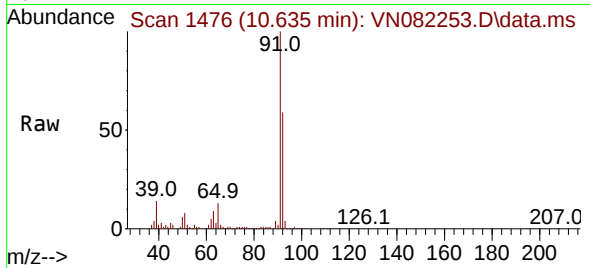




#52  
Toluene  
Concen: 25.500 ug/l  
RT: 10.635 min Scan# 1475  
Delta R.T. 0.006 min  
Lab File: VN082253.D  
Acq: 21 May 2024 20:19

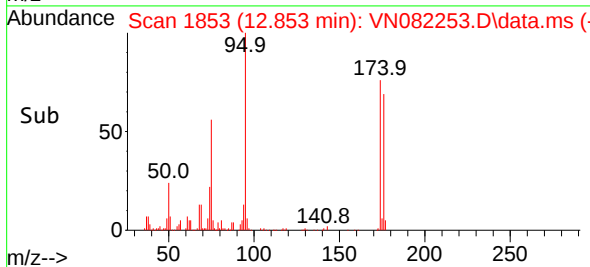
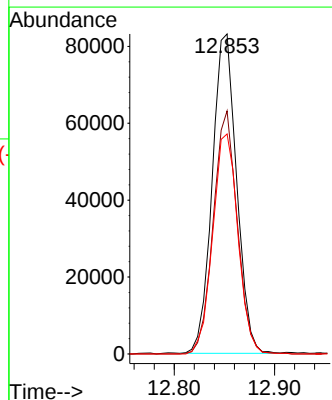
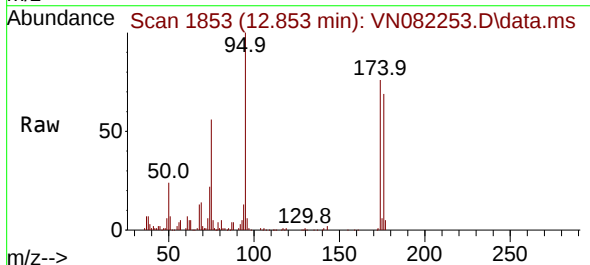
Instrument :  
MSVOA\_N  
ClientSampleId :  
665MEDL

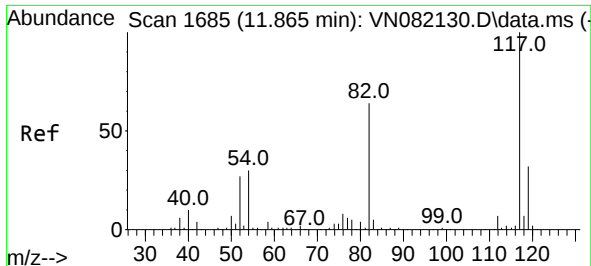
Tgt Ion: 92 Resp: 137630  
Ion Ratio Lower Upper  
92 100  
91 174.7 136.7 205.1



#62  
4-Bromofluorobenzene  
Concen: 56.973 ug/l  
RT: 12.853 min Scan# 1853  
Delta R.T. 0.006 min  
Lab File: VN082253.D  
Acq: 21 May 2024 20:19

Tgt Ion: 95 Resp: 140197  
Ion Ratio Lower Upper  
95 100  
174 75.0 0.0 160.6  
176 71.3 0.0 152.8

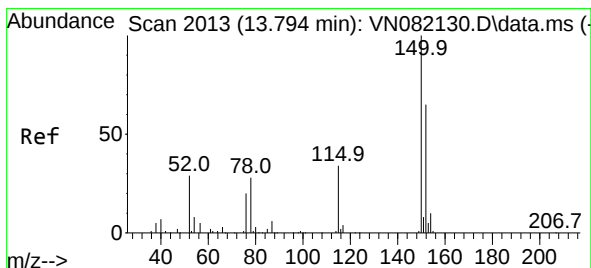
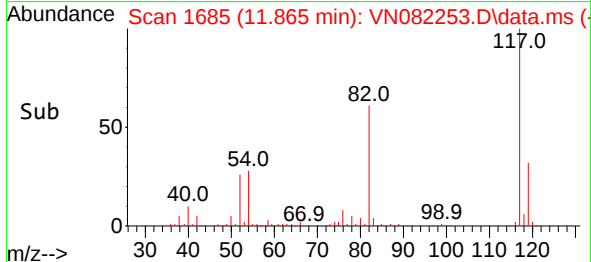
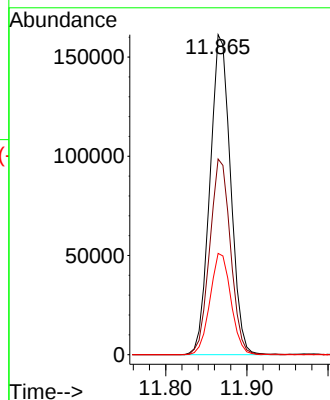
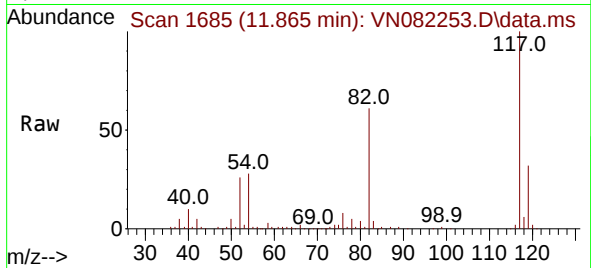




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.865 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VN082253.D  
Acq: 21 May 2024 20:19

Instrument :  
MSVOA\_N  
ClientSampleId :  
665MEDL

Tgt Ion:117 Resp: 284332  
Ion Ratio Lower Upper  
117 100  
82 61.1 44.6 66.8  
119 31.6 25.9 38.9



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.794 min Scan# 2013  
Delta R.T. -0.000 min  
Lab File: VN082253.D  
Acq: 21 May 2024 20:19

Tgt Ion:152 Resp: 126725  
Ion Ratio Lower Upper  
152 100  
115 63.1 30.4 91.3  
150 156.1 0.0 353.2

