

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN051624\  
 Data File : VN082175.D  
 Acq On : 16 May 2024 20:30  
 Operator : JC\MD  
 Sample : P2497-06  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 29 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 RT3997

Quant Time: May 17 05:08:44 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N051524W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri May 17 04:08:43 2024  
 Response via : Initial Calibration

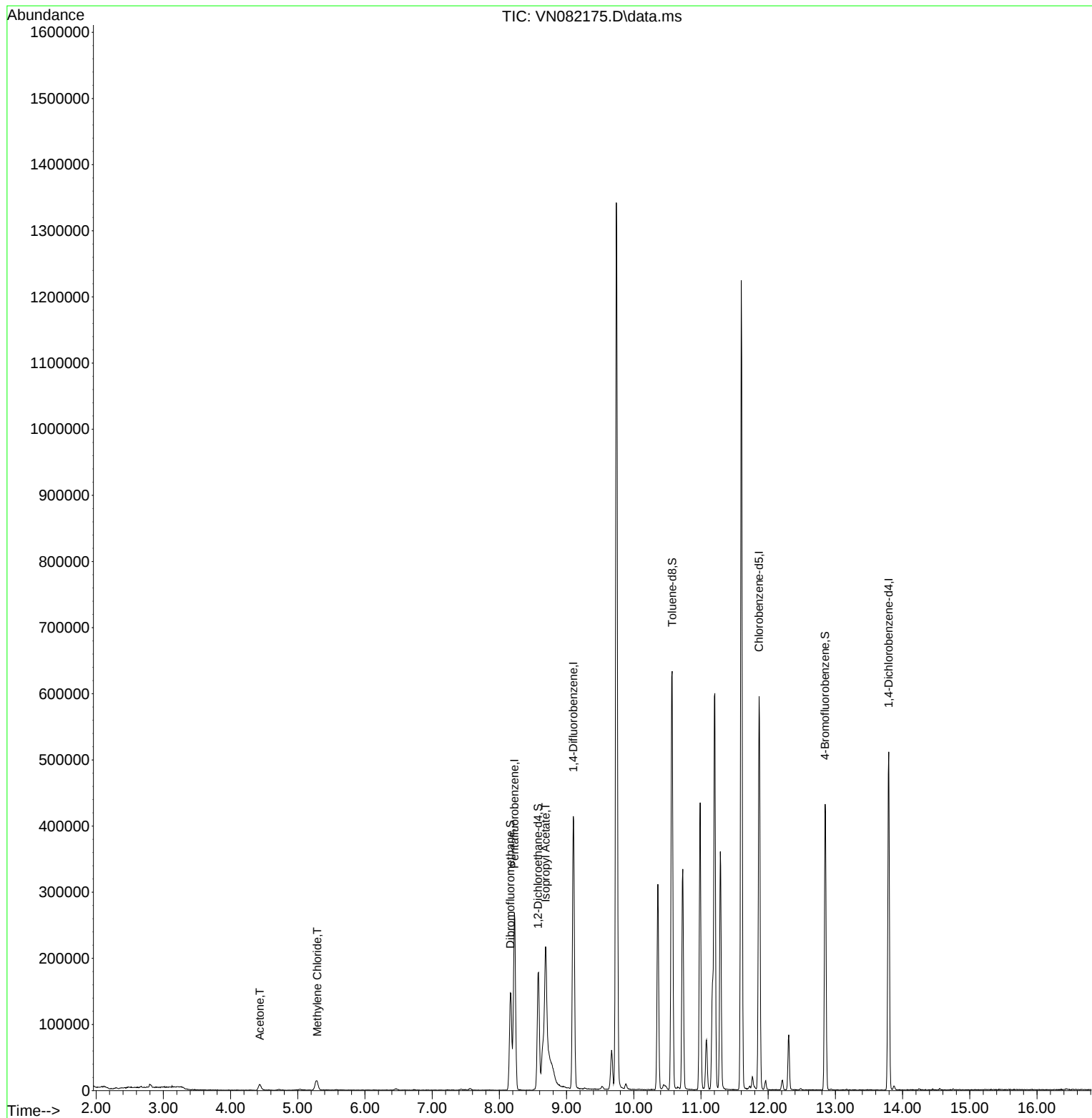
| Compound                    | R.T. QIon      |     | Response | Conc       | Units  | Dev(Min) |
|-----------------------------|----------------|-----|----------|------------|--------|----------|
| -----                       |                |     |          |            |        |          |
| Internal Standards          |                |     |          |            |        |          |
| 1) Pentafluorobenzene       | 8.224          | 168 | 183265   | 50.000     | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 9.100          | 114 | 326442   | 50.000     | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 11.865         | 117 | 308358   | 50.000     | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.794         | 152 | 124849   | 50.000     | ug/l   | 0.00     |
|                             |                |     |          |            |        |          |
| System Monitoring Compounds |                |     |          |            |        |          |
| 33) 1,2-Dichloroethane-d4   | 8.577          | 65  | 150002   | 51.836     | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 74 - 125 |     | Recovery | = 103.680% |        |          |
| 35) Dibromofluoromethane    | 8.165          | 113 | 103271   | 51.427     | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 75 - 124 |     | Recovery | = 102.860% |        |          |
| 50) Toluene-d8              | 10.571         | 98  | 416637   | 54.116     | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 86 - 113 |     | Recovery | = 108.240% |        |          |
| 62) 4-Bromofluorobenzene    | 12.847         | 95  | 138143   | 50.271     | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 64 - 133 |     | Recovery | = 100.540% |        |          |
|                             |                |     |          |            |        |          |
| Target Compounds            |                |     |          |            |        | Qvalue   |
| 16) Acetone                 | 4.436          | 43  | 17313    | 14.584     | ug/l # | 85       |
| 20) Methylene Chloride      | 5.289          | 84  | 10598    | 4.425      | ug/l # | 82       |
| 43) Isopropyl Acetate       | 8.688          | 43  | 419766   | 62.852     | ug/l # | 64       |
| -----                       |                |     |          |            |        |          |

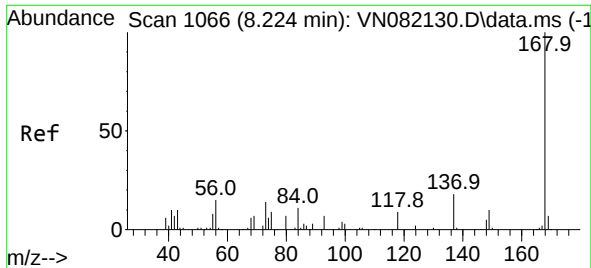
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN051624\  
Data File : VN082175.D  
Acq On : 16 May 2024 20:30  
Operator : JC\MD  
Sample : P2497-06  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 29 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
RT3997

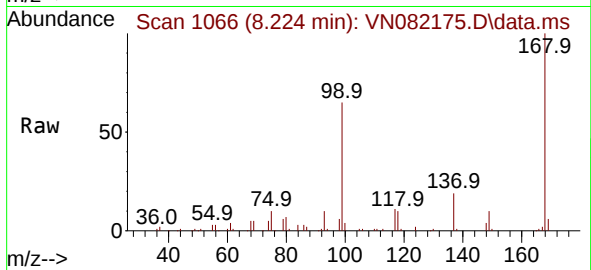
Quant Time: May 17 05:08:44 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N051524W.M  
Quant Title : SW846 8260  
QLast Update : Fri May 17 04:08:43 2024  
Response via : Initial Calibration



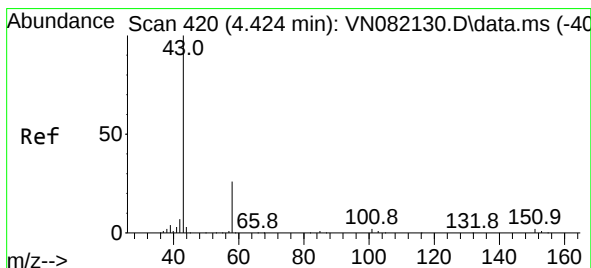
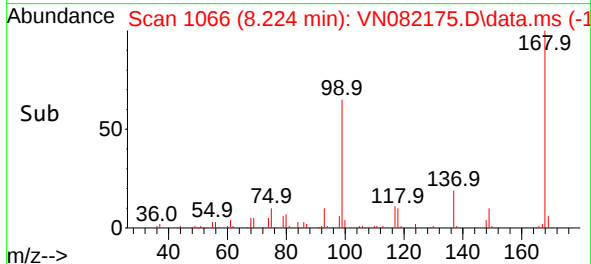
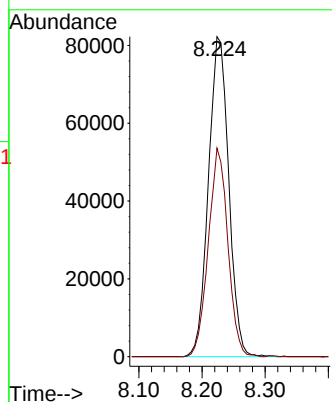


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.224 min Scan# 1066  
Delta R.T. -0.000 min  
Lab File: VN082175.D  
Acq: 16 May 2024 20:30

Instrument :  
MSVOA\_N  
ClientSampleId :  
RT3997

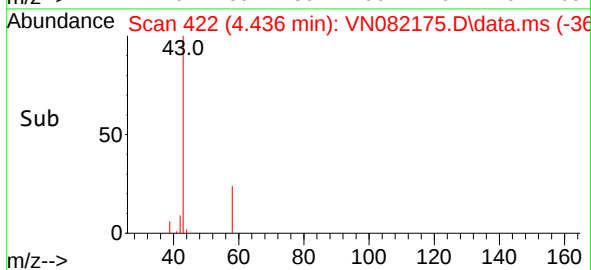
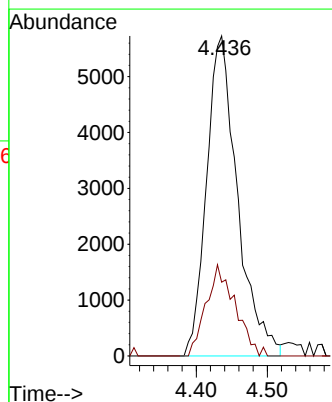
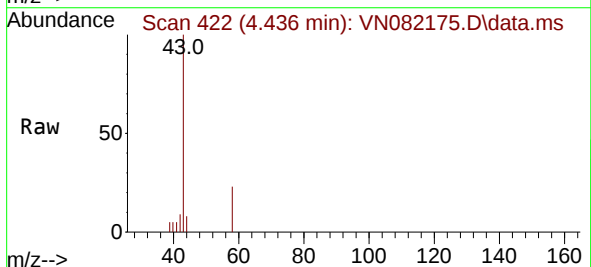


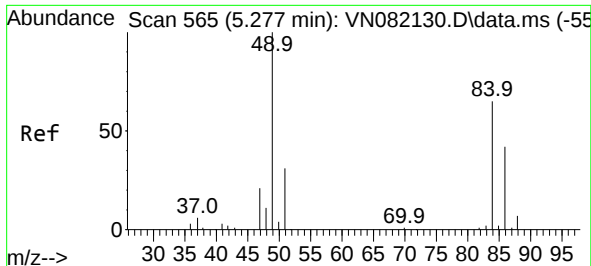
Tgt Ion:168 Resp: 183265  
Ion Ratio Lower Upper  
168 100  
99 65.1 48.2 72.4



#16  
Acetone  
Concen: 14.584 ug/l  
RT: 4.436 min Scan# 422  
Delta R.T. 0.012 min  
Lab File: VN082175.D  
Acq: 16 May 2024 20:30

Tgt Ion: 43 Resp: 17313  
Ion Ratio Lower Upper  
43 100  
58 23.0 25.2 37.8#

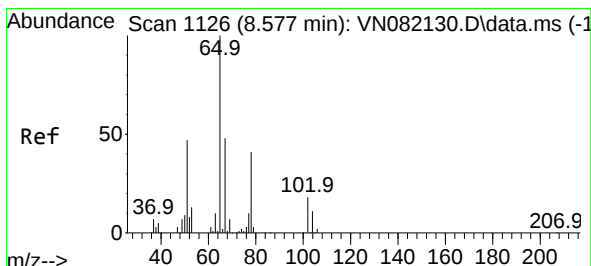
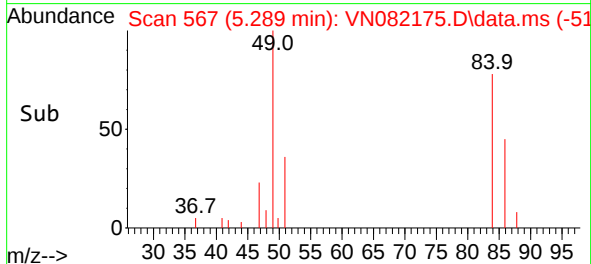
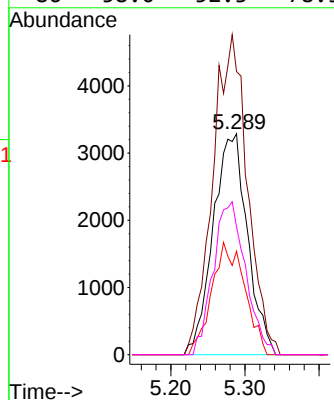
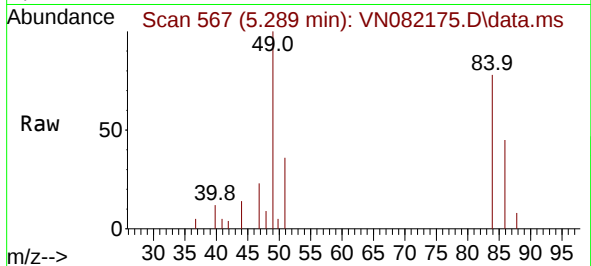




#20  
Methylene Chloride  
Concen: 4.425 ug/l  
RT: 5.289 min Scan# 51  
Delta R.T. 0.012 min  
Lab File: VN082175.D  
Acq: 16 May 2024 20:30

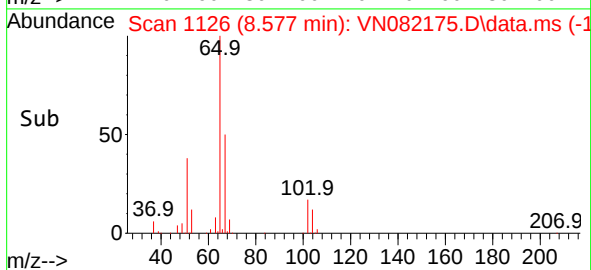
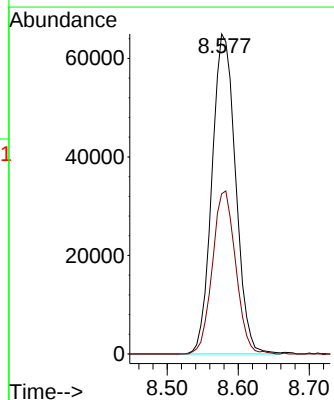
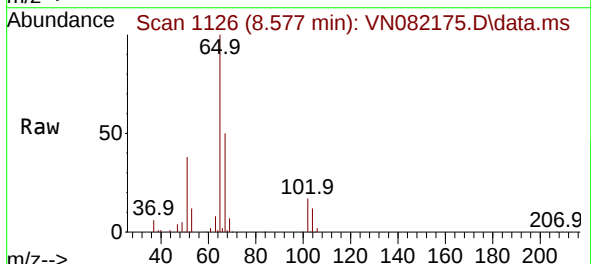
Instrument :  
MSVOA\_N  
ClientSampleId :  
RT3997

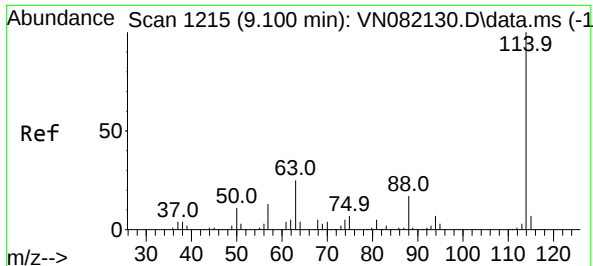
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 84    | Resp: | 10598  |
| Ion      | Ratio | Lower | Upper  |
| 84       | 100   |       |        |
| 49       | 128.2 | 84.9  | 127.3# |
| 51       | 46.8  | 27.0  | 40.6#  |
| 86       | 58.0  | 52.3  | 78.5   |



#33  
1,2-Dichloroethane-d4  
Concen: 51.836 ug/l  
RT: 8.577 min Scan# 1126  
Delta R.T. -0.000 min  
Lab File: VN082175.D  
Acq: 16 May 2024 20:30

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 65    | Resp: | 150002 |
| Ion      | Ratio | Lower | Upper  |
| 65       | 100   |       |        |
| 67       | 50.2  | 0.0   | 103.0  |





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN082175.D

Acq: 16 May 2024 20:30

Instrument :

MSVOA\_N

ClientSampleId :

RT3997

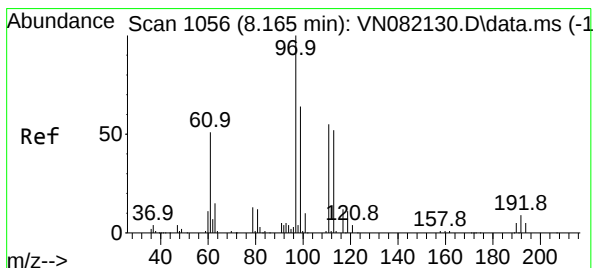
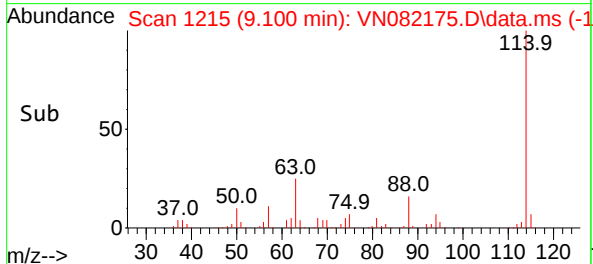
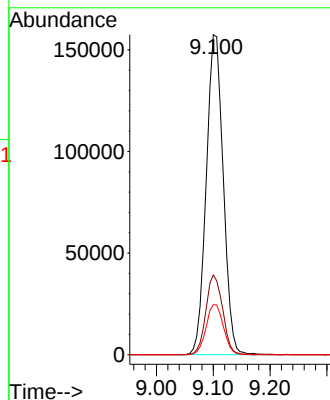
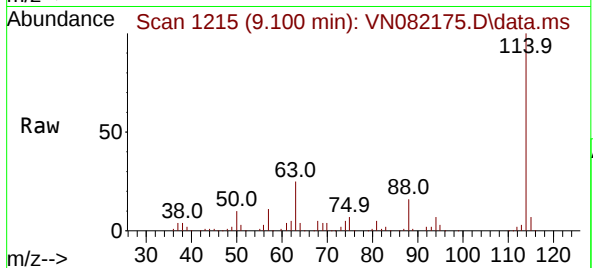
Tgt Ion:114 Resp: 326442

Ion Ratio Lower Upper

114 100

63 24.9 0.0 41.0

88 15.6 0.0 31.4



#35

Dibromofluoromethane

Concen: 51.427 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN082175.D

Acq: 16 May 2024 20:30

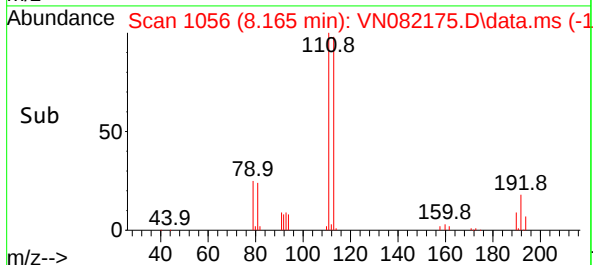
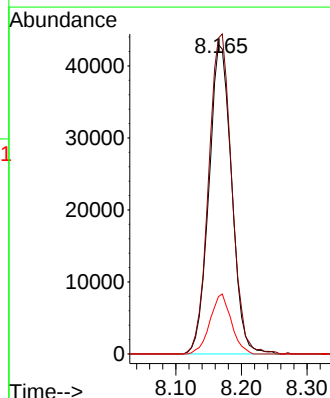
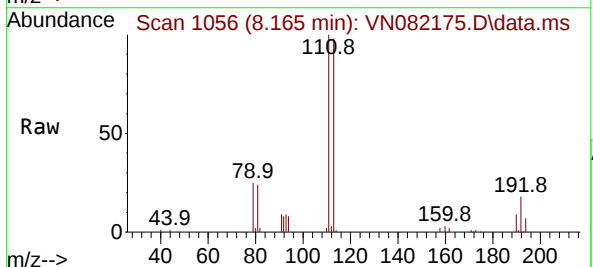
Tgt Ion:113 Resp: 103271

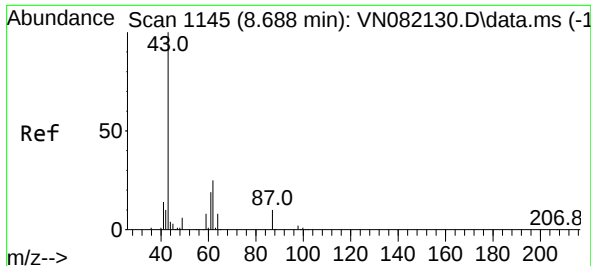
Ion Ratio Lower Upper

113 100

111 105.2 83.4 125.2

192 18.2 14.0 21.0

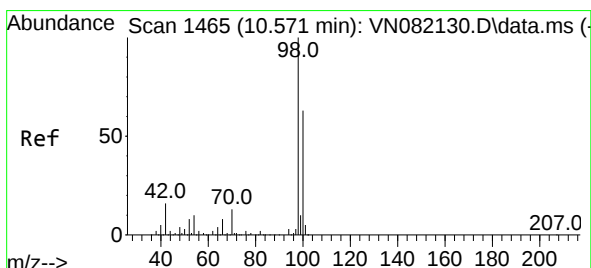
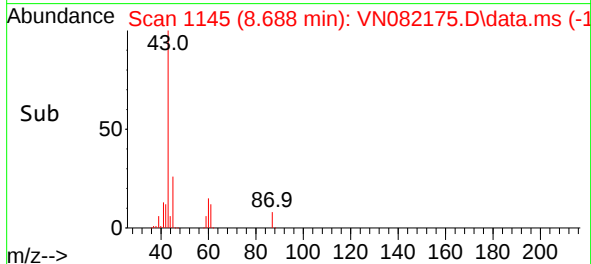
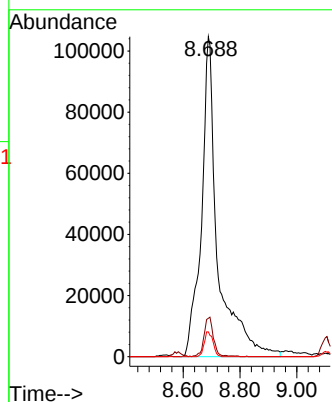
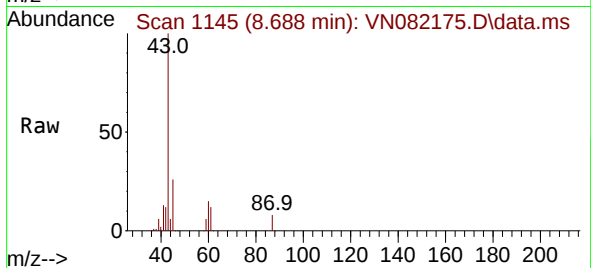




#43  
Isopropyl Acetate  
Concen: 62.852 ug/l  
RT: 8.688 min Scan# 1145  
Delta R.T. -0.000 min  
Lab File: VN082175.D  
Acq: 16 May 2024 20:30

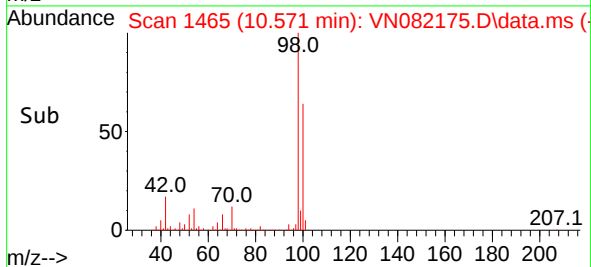
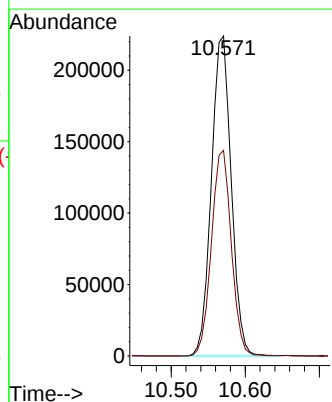
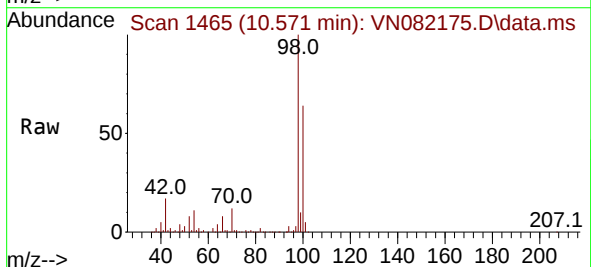
Instrument :  
MSVOA\_N  
ClientSampleId :  
RT3997

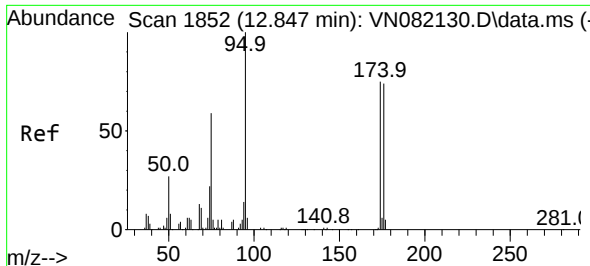
Tgt Ion: 43 Resp: 419766  
Ion Ratio Lower Upper  
43 100  
61 7.1 22.8 34.2#  
87 4.1 12.0 18.0#



#50  
Toluene-d8  
Concen: 54.116 ug/l  
RT: 10.571 min Scan# 1465  
Delta R.T. -0.000 min  
Lab File: VN082175.D  
Acq: 16 May 2024 20:30

Tgt Ion: 98 Resp: 416637  
Ion Ratio Lower Upper  
98 100  
100 64.3 51.8 77.6

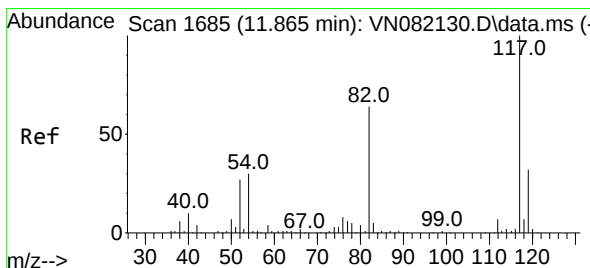
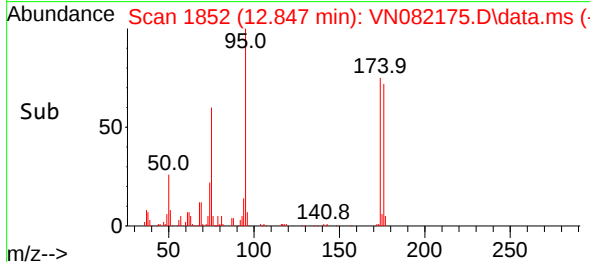
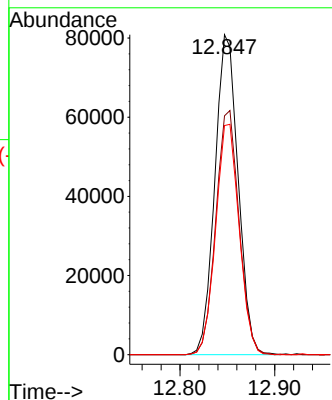
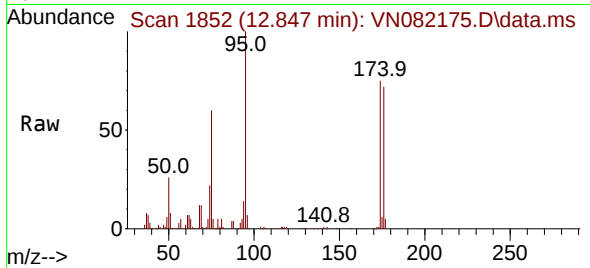




#62  
4-Bromofluorobenzene  
Concen: 50.271 ug/l  
RT: 12.847 min Scan# 1852  
Delta R.T. -0.000 min  
Lab File: VN082175.D  
Acq: 16 May 2024 20:30

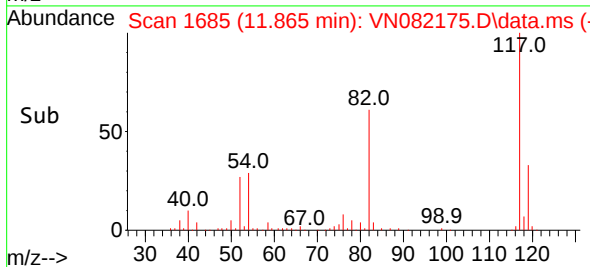
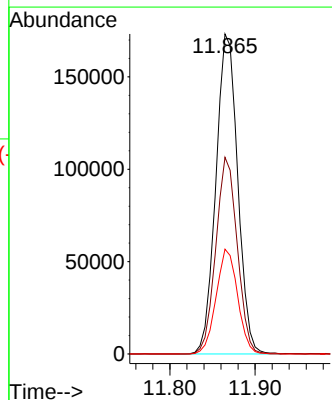
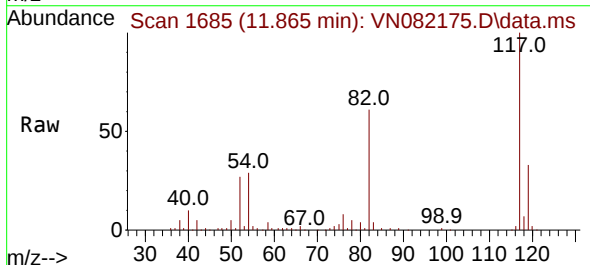
Instrument :  
MSVOA\_N  
ClientSampleId :  
RT3997

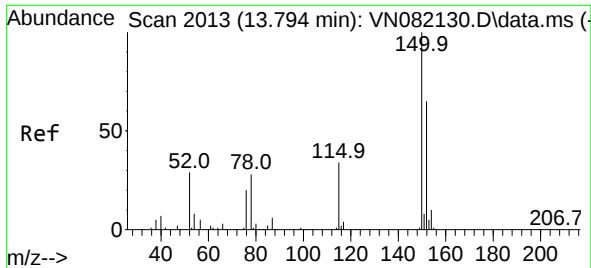
Tgt Ion: 95 Resp: 138143  
Ion Ratio Lower Upper  
95 100  
174 76.5 0.0 160.6  
176 72.7 0.0 152.8



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.865 min Scan# 1685  
Delta R.T. -0.000 min  
Lab File: VN082175.D  
Acq: 16 May 2024 20:30

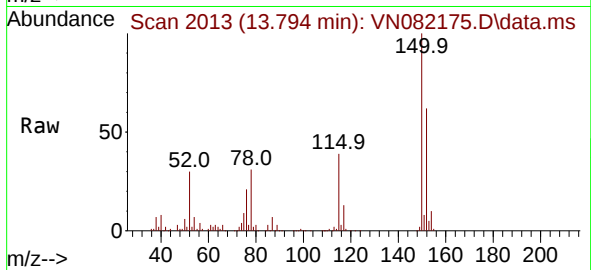
Tgt Ion: 117 Resp: 308358  
Ion Ratio Lower Upper  
117 100  
82 61.4 44.6 66.8  
119 32.8 25.9 38.9





#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 13.794 min Scan# 20  
 Delta R.T. -0.000 min  
 Lab File: VN082175.D  
 Acq: 16 May 2024 20:30

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 RT3997



Tgt Ion:152 Resp: 124849  
 Ion Ratio Lower Upper  
 152 100  
 115 61.4 30.4 91.3  
 150 158.0 0.0 353.2

