

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN070324\  
 Data File : VN082807.D  
 Acq On : 03 Jul 2024 16:52  
 Operator : JC\MD  
 Sample : P3152-06  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 444

Quant Time: Jul 04 00:01:42 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N062724W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Jun 28 06:02:21 2024  
 Response via : Initial Calibration

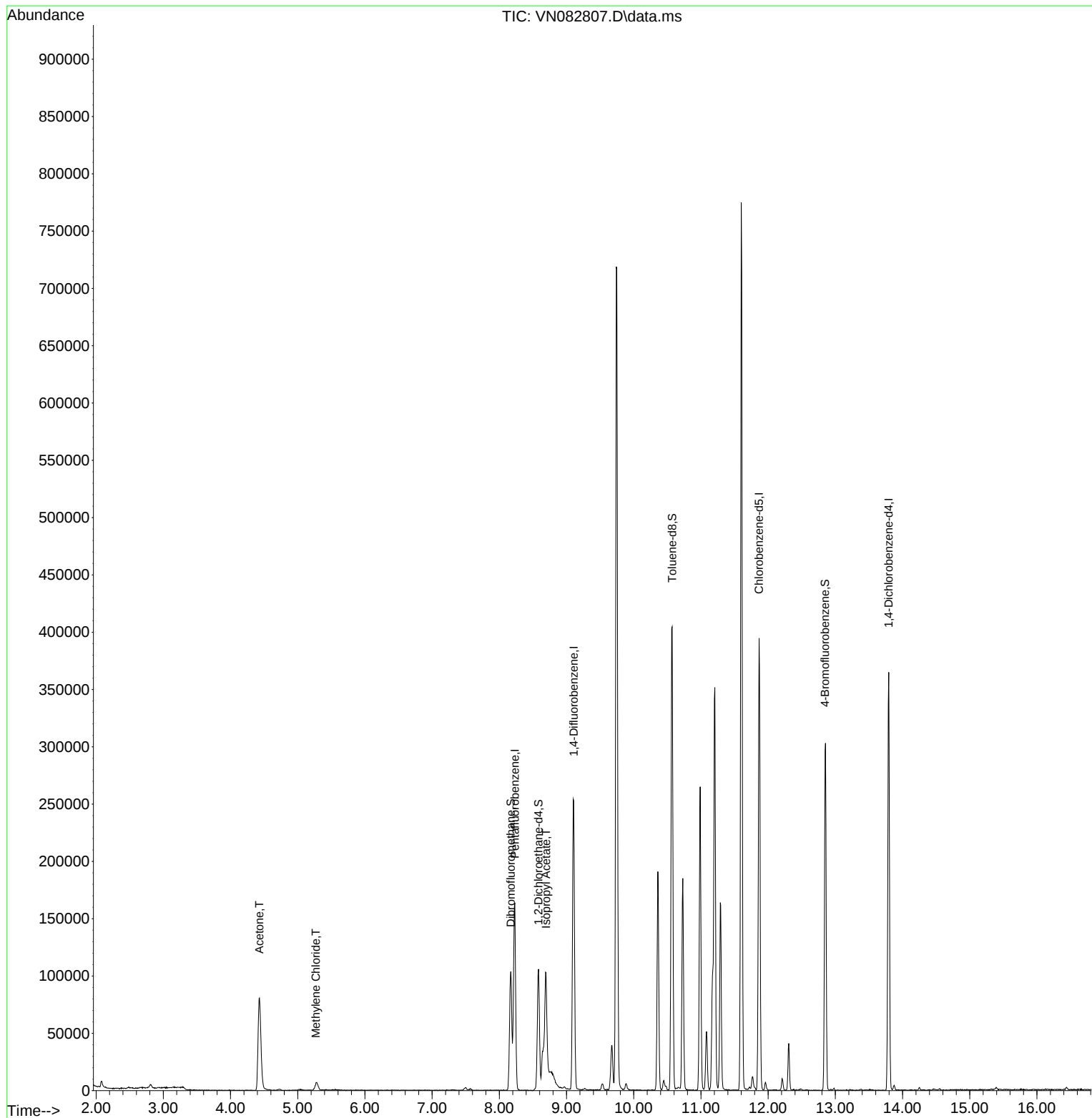
| Compound                    | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|--------|----------|
| -----                       |        |       |          |          |        |          |
| Internal Standards          |        |       |          |          |        |          |
| 1) Pentafluorobenzene       | 8.230  | 168   | 115706   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 9.106  | 114   | 218869   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 11.865 | 117   | 222178   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.794 | 152   | 96035    | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 8.583  | 65    | 88296    | 49.483   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | =      | 98.960%  |
| 35) Dibromofluoromethane    | 8.171  | 113   | 74115    | 51.432   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =      | 102.860% |
| 50) Toluene-d8              | 10.571 | 98    | 281107   | 52.162   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | =      | 104.320% |
| 62) 4-Bromofluorobenzene    | 12.847 | 95    | 102446   | 55.355   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 64 - 133 | Recovery | =      | 110.700% |
| Target Compounds            |        |       |          |          |        |          |
|                             |        |       |          |          | Qvalue |          |
| 16) Acetone                 | 4.430  | 43    | 156525   | 231.529  | ug/l   | 92       |
| 20) Methylene Chloride      | 5.271  | 84    | 5369     | 3.138    | ug/l # | 87       |
| 43) Isopropyl Acetate       | 8.694  | 43    | 179228   | 45.922   | ug/l # | 80       |
| -----                       |        |       |          |          |        |          |

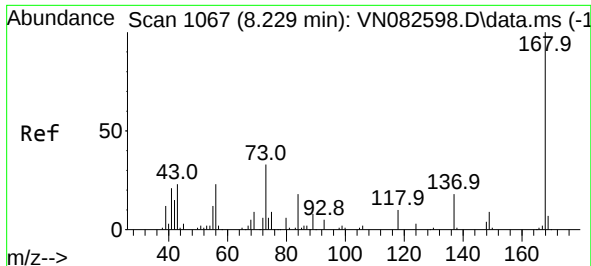
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N062724W.M  
Quant Title : SW846 8260  
QLast Update : Fri Jun 28 06:02:21 2024  
Response via : Initial Calibration

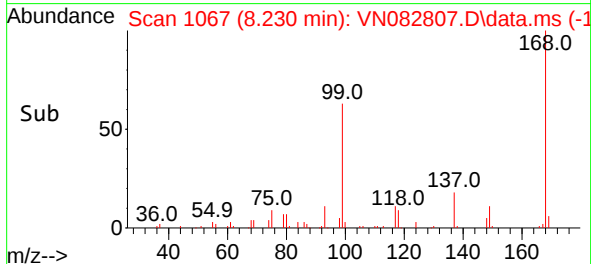
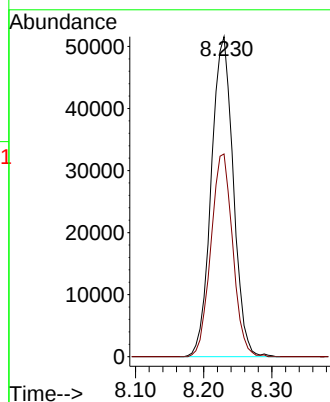
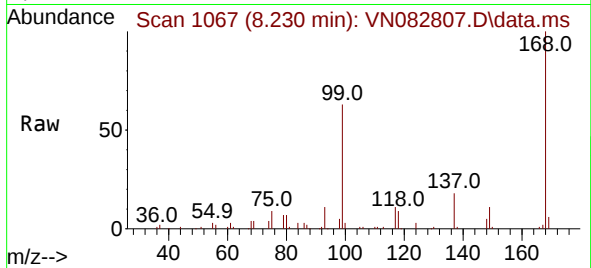




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.230 min Scan# 11  
Delta R.T. 0.001 min  
Lab File: VN082807.D  
Acq: 03 Jul 2024 16:52

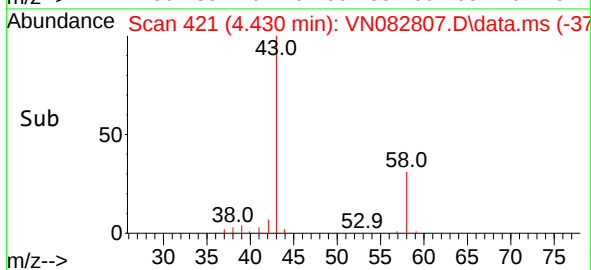
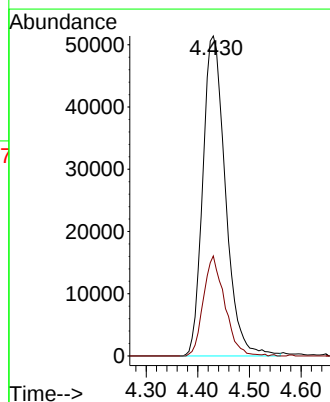
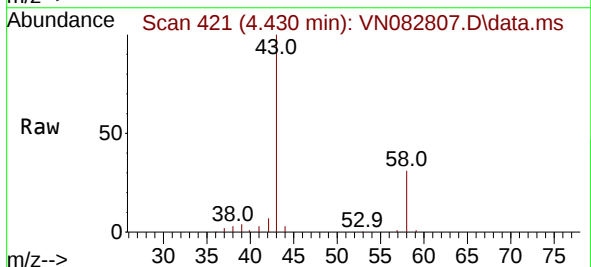
Instrument :  
MSVOA\_N  
ClientSampleId :  
444

Tgt Ion:168 Resp: 115706  
Ion Ratio Lower Upper  
168 100  
99 63.4 48.2 72.4



#16  
Acetone  
Concen: 231.529 ug/l  
RT: 4.430 min Scan# 421  
Delta R.T. -0.000 min  
Lab File: VN082807.D  
Acq: 03 Jul 2024 16:52

Tgt Ion: 43 Resp: 156525  
Ion Ratio Lower Upper  
43 100  
58 31.3 21.8 32.6

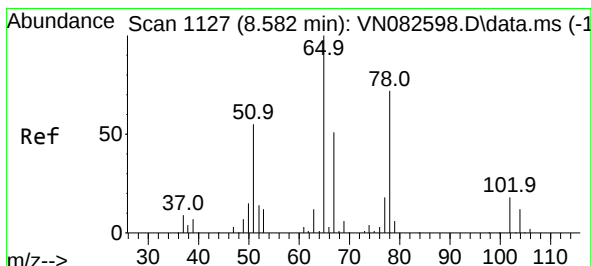
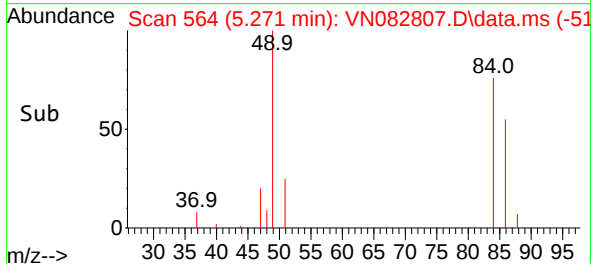
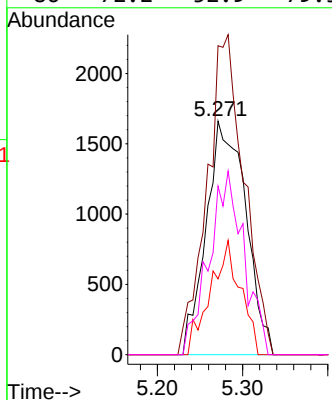
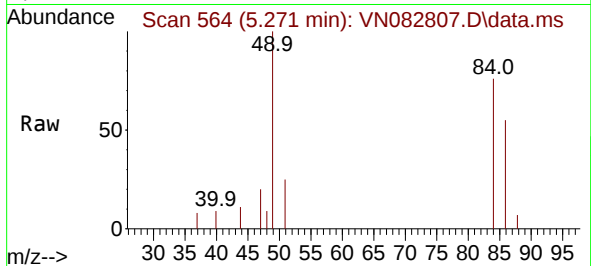




#20  
Methylene Chloride  
Concen: 3.138 ug/l  
RT: 5.271 min Scan# 511  
Delta R.T. -0.006 min  
Lab File: VN082807.D  
Acq: 03 Jul 2024 16:52

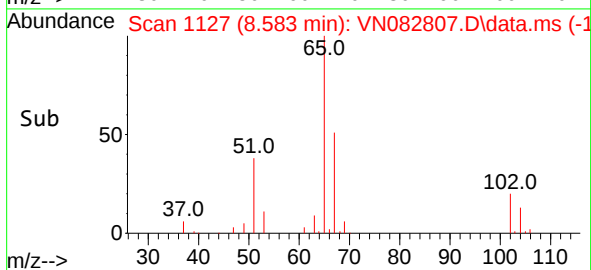
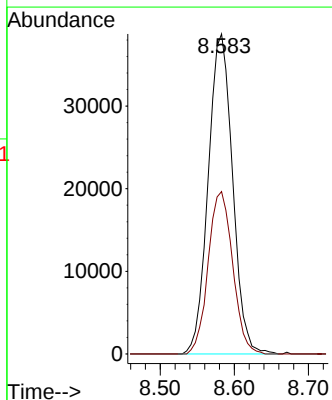
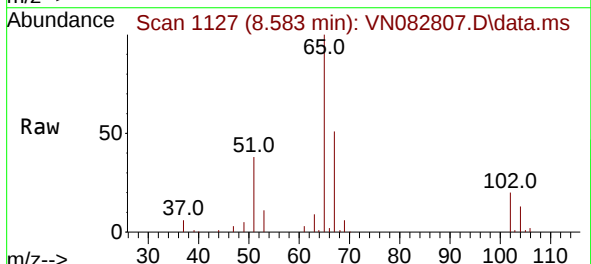
Instrument :  
MSVOA\_N  
ClientSampleId :  
444

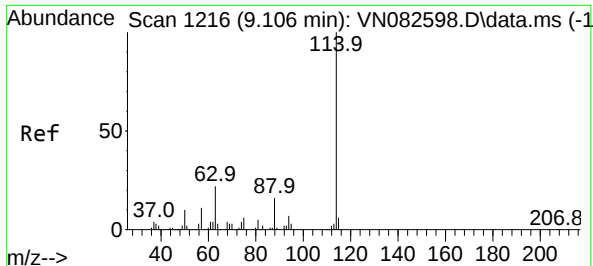
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 84    | Resp: | 5369  |
| Ion      | Ratio | Lower | Upper |
| 84       | 100   |       |       |
| 49       | 132.3 | 119.6 | 179.4 |
| 51       | 32.5  | 34.8  | 52.2# |
| 86       | 72.2  | 52.9  | 79.3  |



#33  
1,2-Dichloroethane-d4  
Concen: 49.483 ug/l  
RT: 8.583 min Scan# 1127  
Delta R.T. 0.001 min  
Lab File: VN082807.D  
Acq: 03 Jul 2024 16:52

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 65    | Resp: | 88296 |
| Ion      | Ratio | Lower | Upper |
| 65       | 100   |       |       |
| 67       | 51.1  | 0.0   | 104.4 |





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN082807.D

Acq: 03 Jul 2024 16:52

Instrument :

MSVOA\_N

ClientSampleId :

444

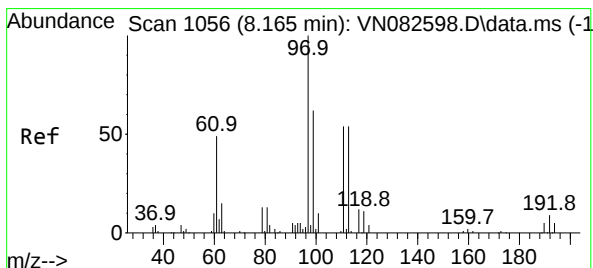
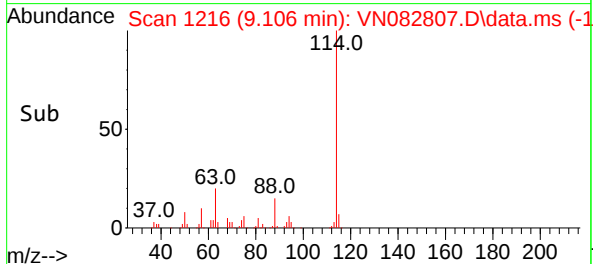
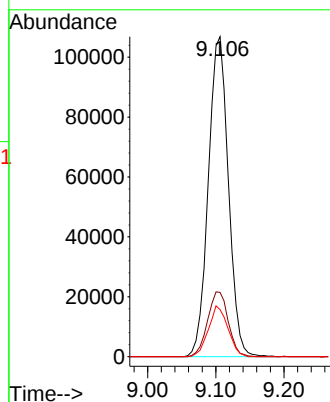
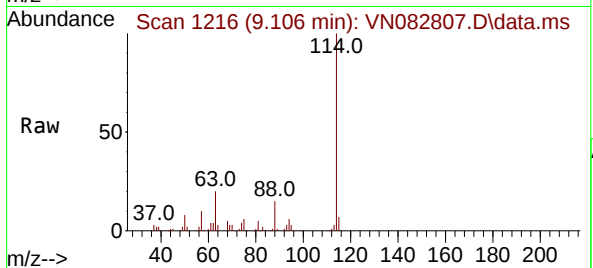
Tgt Ion:114 Resp: 218869

Ion Ratio Lower Upper

114 100

63 20.1 0.0 44.6

88 14.7 0.0 31.4



#35

Dibromofluoromethane

Concen: 51.432 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN082807.D

Acq: 03 Jul 2024 16:52

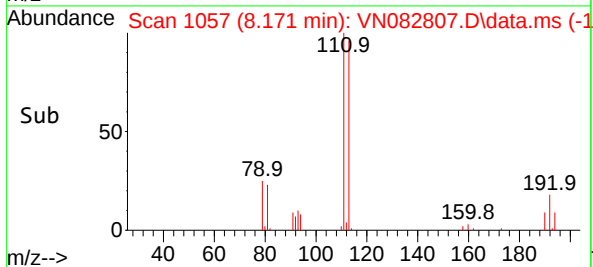
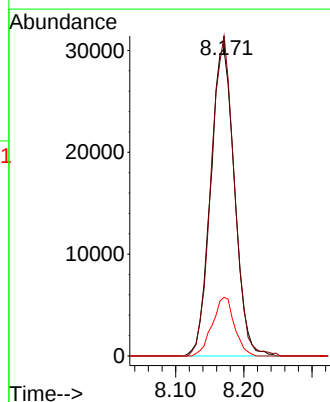
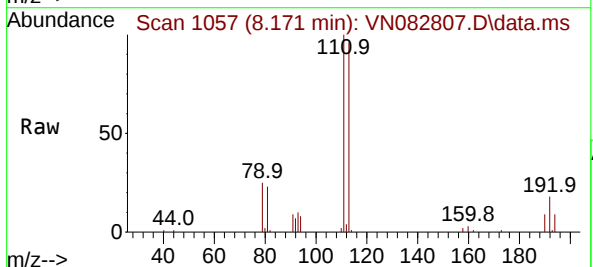
Tgt Ion:113 Resp: 74115

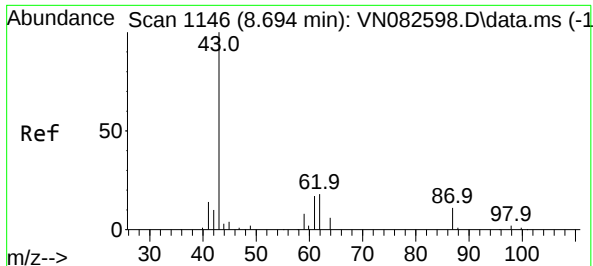
Ion Ratio Lower Upper

113 100

111 100.5 82.4 123.6

192 17.6 14.9 22.3

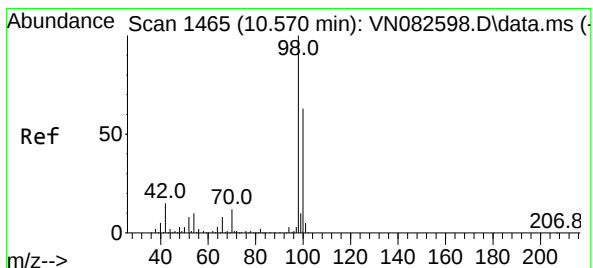
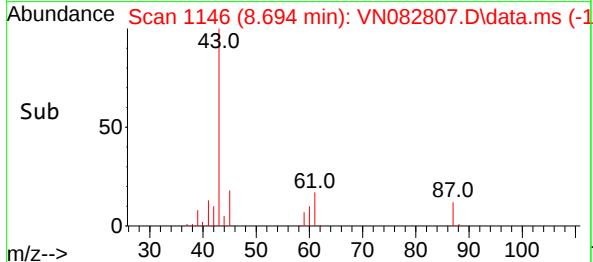
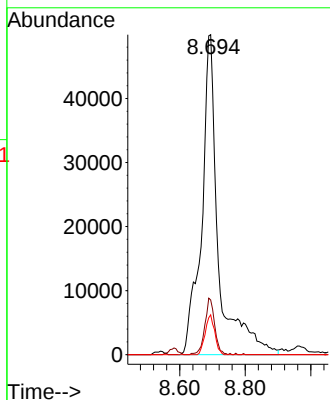
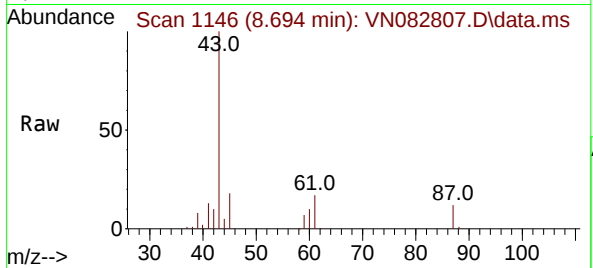




#43  
Isopropyl Acetate  
Concen: 45.922 ug/l  
RT: 8.694 min Scan# 1146  
Delta R.T. 0.000 min  
Lab File: VN082807.D  
Acq: 03 Jul 2024 16:52

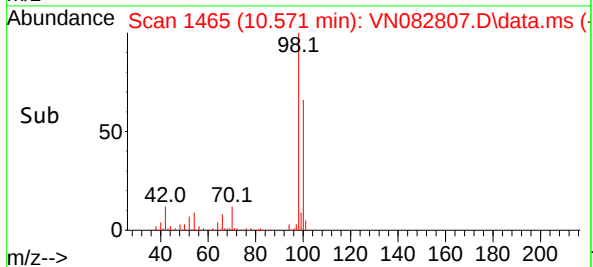
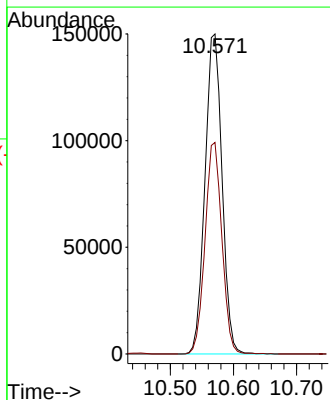
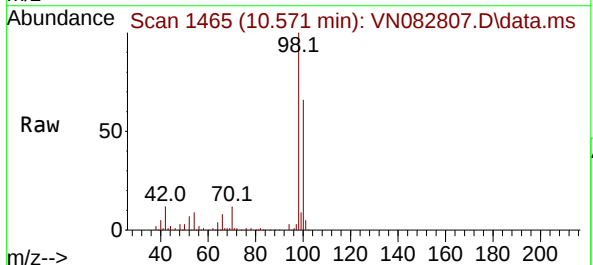
Instrument :  
MSVOA\_N  
ClientSampleId :  
444

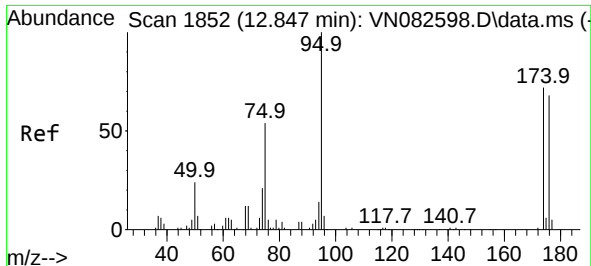
Tgt Ion: 43 Resp: 179228  
Ion Ratio Lower Upper  
43 100  
61 10.3 17.8 26.6#  
87 7.0 8.2 12.2#



#50  
Toluene-d8  
Concen: 52.162 ug/l  
RT: 10.571 min Scan# 1465  
Delta R.T. 0.001 min  
Lab File: VN082807.D  
Acq: 03 Jul 2024 16:52

Tgt Ion: 98 Resp: 281107  
Ion Ratio Lower Upper  
98 100  
100 65.4 51.5 77.3

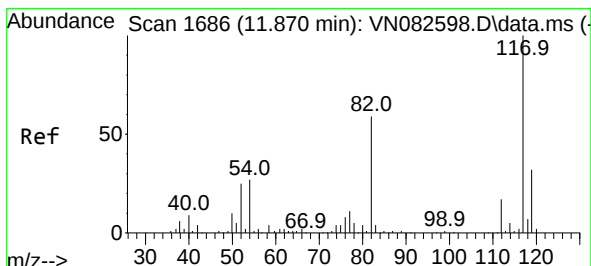
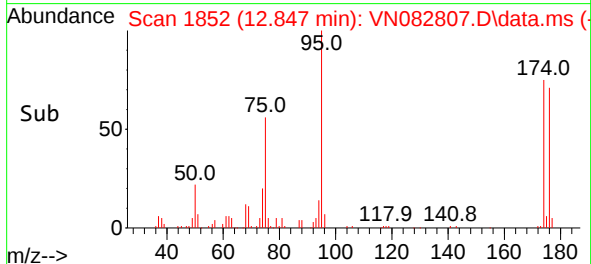
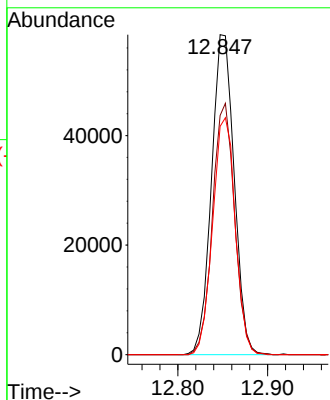
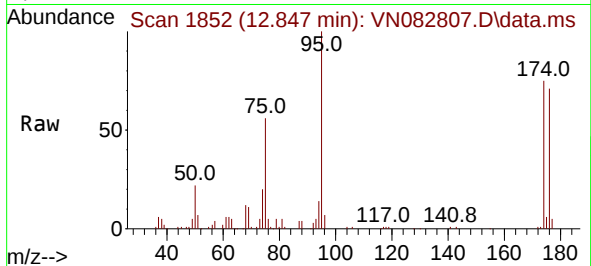




#62  
4-Bromofluorobenzene  
Concen: 55.355 ug/l  
RT: 12.847 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VN082807.D  
Acq: 03 Jul 2024 16:52

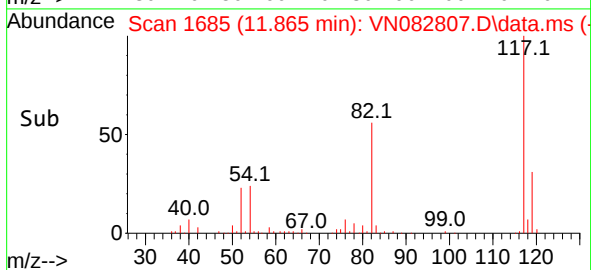
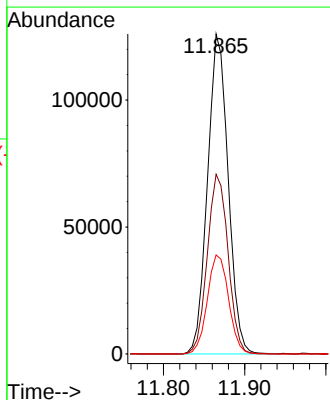
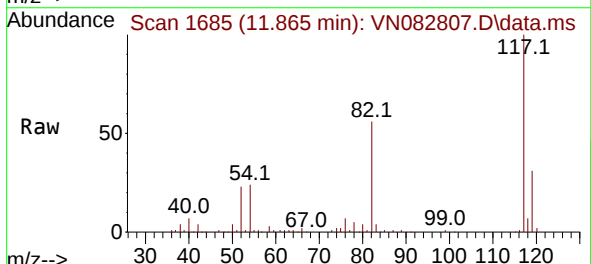
Instrument :  
MSVOA\_N  
ClientSampleId :  
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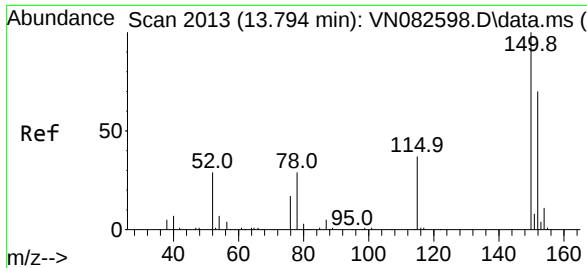
Tgt Ion: 95 Resp: 102446  
Ion Ratio Lower Upper  
95 100  
174 76.6 0.0 159.2  
176 73.8 0.0 147.6



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.865 min Scan# 1685  
Delta R.T. -0.005 min  
Lab File: VN082807.D  
Acq: 03 Jul 2024 16:52

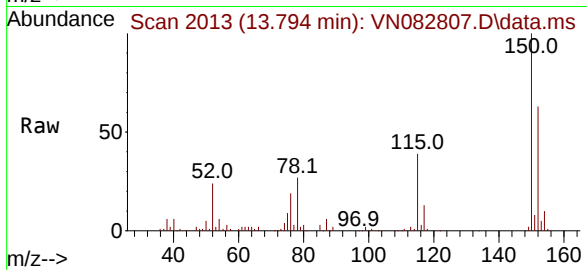
Tgt Ion: 117 Resp: 222178  
Ion Ratio Lower Upper  
117 100  
82 56.2 47.5 71.3  
119 30.9 25.6 38.4





#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 13.794 min Scan# 20  
 Delta R.T. 0.000 min  
 Lab File: VN082807.D  
 Acq: 03 Jul 2024 16:52

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 444



Tgt Ion:152 Resp: 96035  
 Ion Ratio Lower Upper  
 152 100  
 115 61.2 30.6 91.6  
 150 157.5 0.0 348.6

