

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN012624\  
 Data File : VN080776.D  
 Acq On : 26 Jan 2024 17:48  
 Operator : JC\MD  
 Sample : P1243-04  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 MR-308-17-19

Quant Time: Jan 29 02:34:34 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N011024W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Jan 11 06:34:36 2024  
 Response via : Initial Calibration

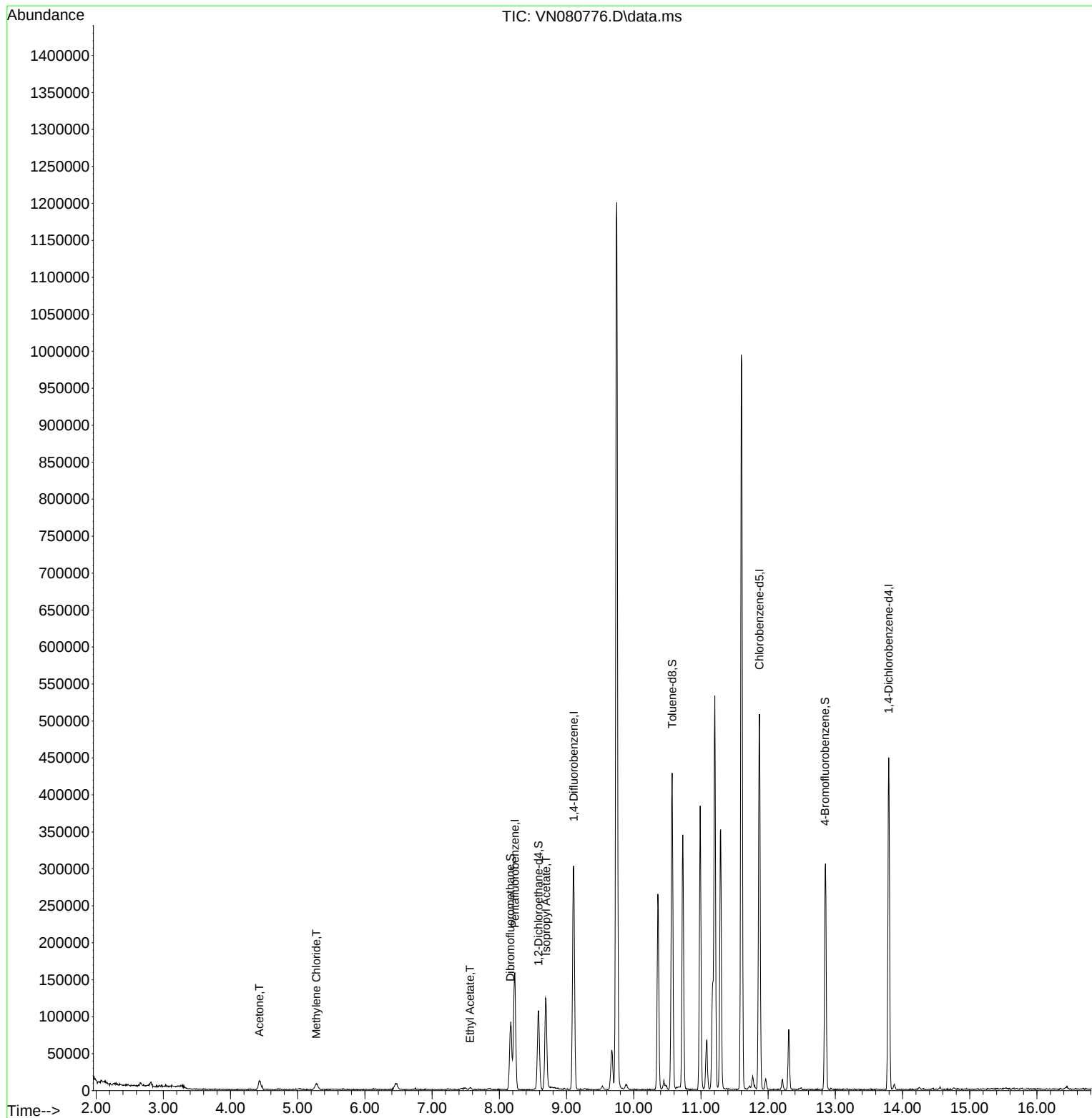
| Compound                    | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|--------|----------|
| -----                       |        |       |          |          |        |          |
| Internal Standards          |        |       |          |          |        |          |
| 1) Pentafluorobenzene       | 8.230  | 168   | 101713   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 9.106  | 114   | 238823   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 11.871 | 117   | 256991   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.794 | 152   | 103255   | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 8.583  | 65    | 80491    | 45.063   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | =      | 90.120%  |
| 35) Dibromofluoromethane    | 8.165  | 113   | 65167    | 48.025   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =      | 96.060%  |
| 50) Toluene-d8              | 10.571 | 98    | 271547   | 52.482   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | =      | 104.960% |
| 62) 4-Bromofluorobenzene    | 12.847 | 95    | 107768   | 54.315   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =      | 108.620% |
| Target Compounds            |        |       |          |          |        |          |
|                             |        |       |          |          | Qvalue |          |
| 16) Acetone                 | 4.430  | 43    | 22383    | 38.169   | ug/l   | 91       |
| 20) Methylene Chloride      | 5.277  | 84    | 6306     | 3.684    | ug/l # | 83       |
| 37) Ethyl Acetate           | 7.565  | 43    | 4057     | 1.505    | ug/l # | 87       |
| 43) Isopropyl Acetate       | 8.694  | 43    | 149225   | 30.119   | ug/l # | 79       |
| -----                       |        |       |          |          |        |          |

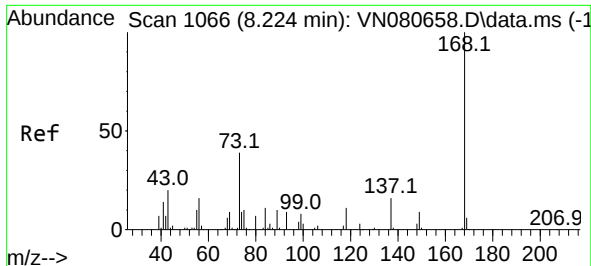
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N011024W.M  
Quant Title : SW846 8260  
QLast Update : Thu Jan 11 06:34:36 2024  
Response via : Initial Calibration

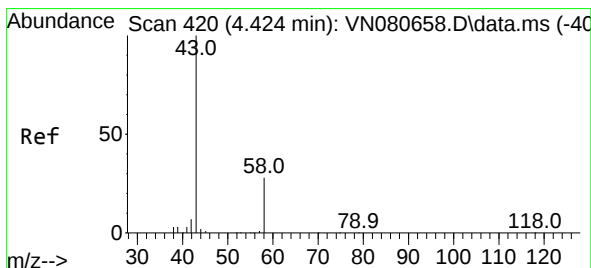
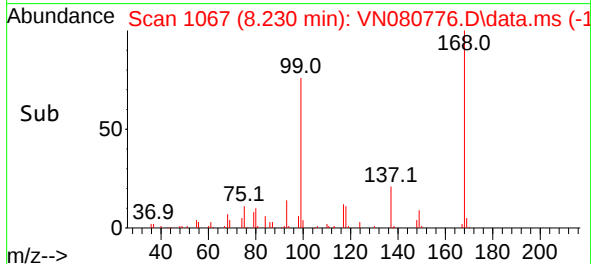
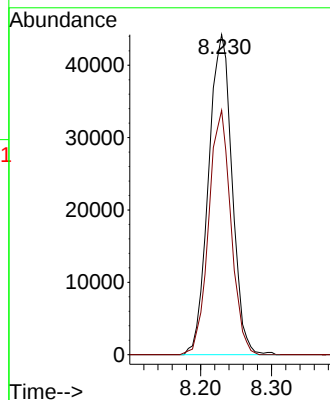
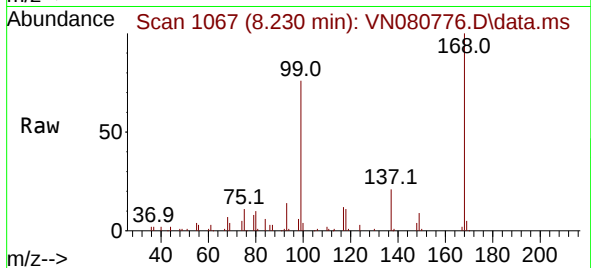




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.230 min Scan# 1066  
Delta R.T. 0.006 min  
Lab File: VN080776.D  
Acq: 26 Jan 2024 17:48

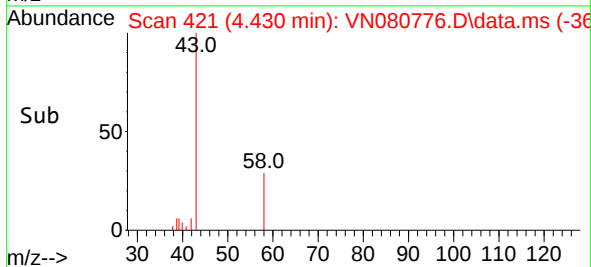
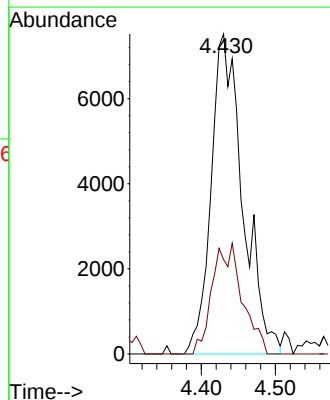
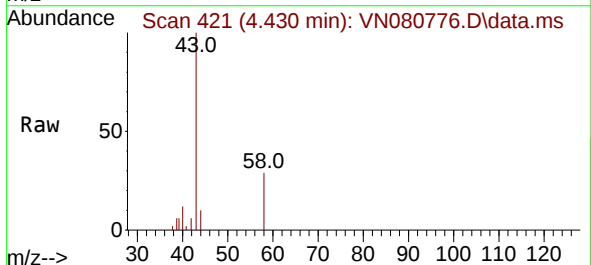
Instrument :  
MSVOA\_N  
ClientSampleId :  
MR-308-17-19

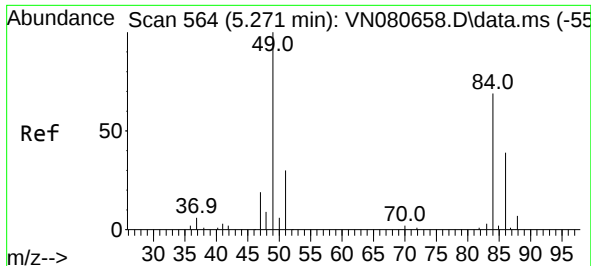
Tgt Ion:168 Resp: 101713  
Ion Ratio Lower Upper  
168 100  
99 76.4 53.0 79.6



#16  
Acetone  
Concen: 38.169 ug/l  
RT: 4.430 min Scan# 421  
Delta R.T. 0.006 min  
Lab File: VN080776.D  
Acq: 26 Jan 2024 17:48

Tgt Ion: 43 Resp: 22383  
Ion Ratio Lower Upper  
43 100  
58 29.5 28.0 42.0

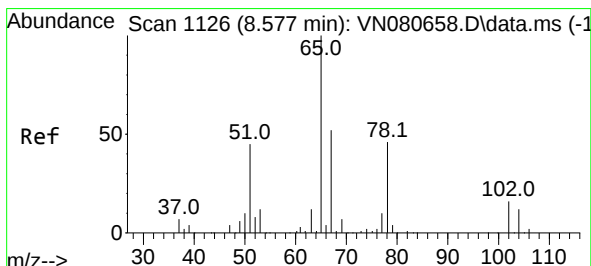
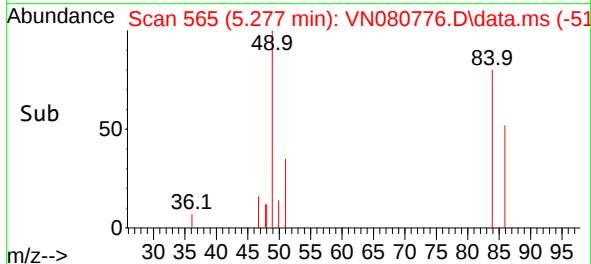
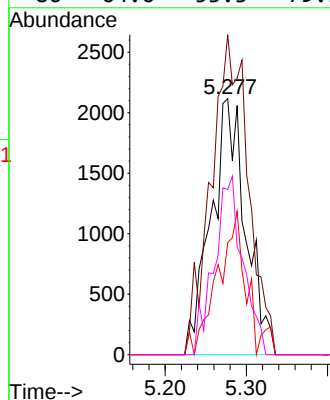
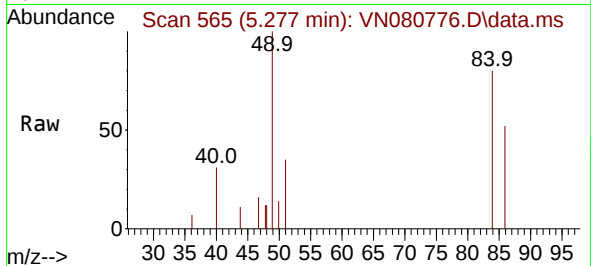




#20  
Methylene Chloride  
Concen: 3.684 ug/l  
RT: 5.277 min Scan# 51  
Delta R.T. 0.006 min  
Lab File: VN080776.D  
Acq: 26 Jan 2024 17:48

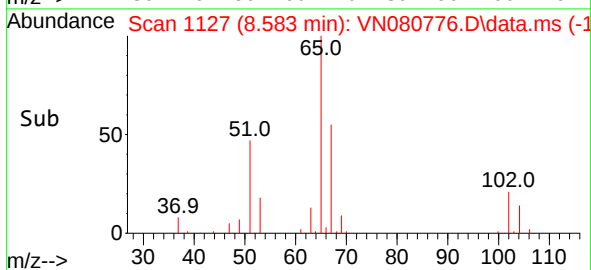
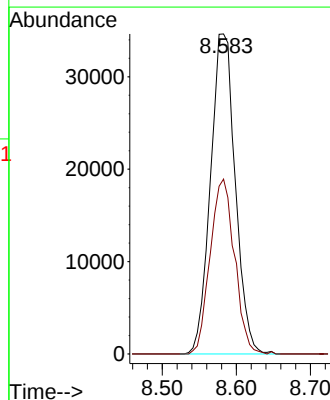
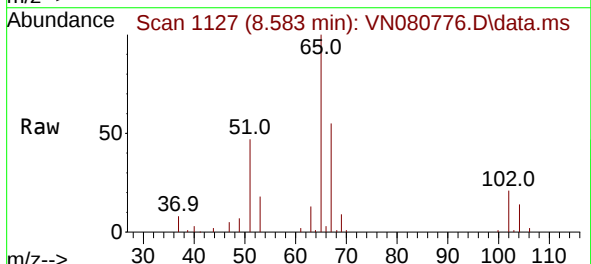
Instrument :  
MSVOA\_N  
ClientSampleId :  
MR-308-17-19

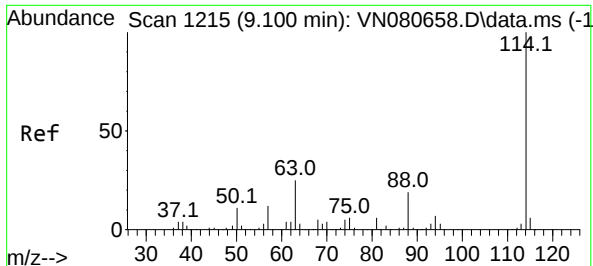
|             |                   |
|-------------|-------------------|
| Tgt Ion: 84 | Resp: 6306        |
| Ion Ratio   | Lower Upper       |
| 84          | 100               |
| 49          | 125.0 79.7 119.5# |
| 51          | 43.8 25.2 37.8#   |
| 86          | 64.6 53.3 79.9    |



#33  
1,2-Dichloroethane-d4  
Concen: 45.063 ug/l  
RT: 8.583 min Scan# 1127  
Delta R.T. 0.006 min  
Lab File: VN080776.D  
Acq: 26 Jan 2024 17:48

|             |                |
|-------------|----------------|
| Tgt Ion: 65 | Resp: 80491    |
| Ion Ratio   | Lower Upper    |
| 65          | 100            |
| 67          | 53.6 0.0 106.6 |





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN080776.D

Acq: 26 Jan 2024 17:48

Instrument :

MSVOA\_N

ClientSampleId :

MR-308-17-19

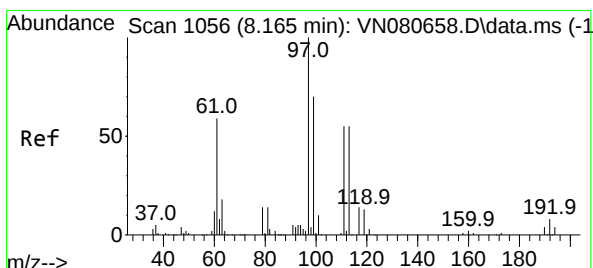
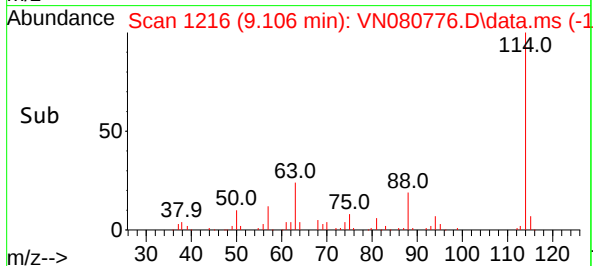
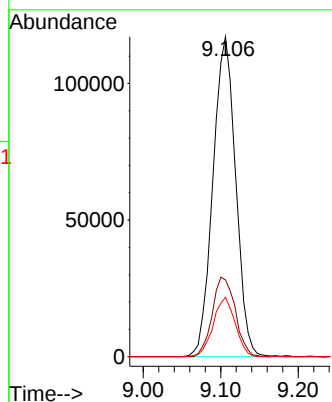
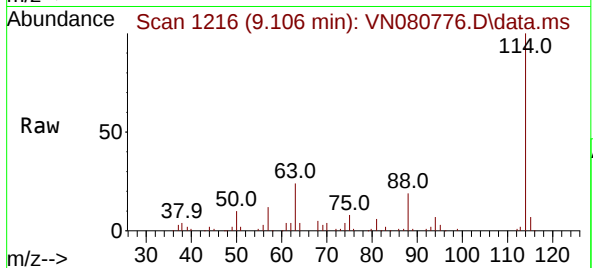
Tgt Ion:114 Resp: 238823

Ion Ratio Lower Upper

114 100

63 24.0 0.0 36.4

88 18.6 0.0 30.6



#35

Dibromofluoromethane

Concen: 48.025 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN080776.D

Acq: 26 Jan 2024 17:48

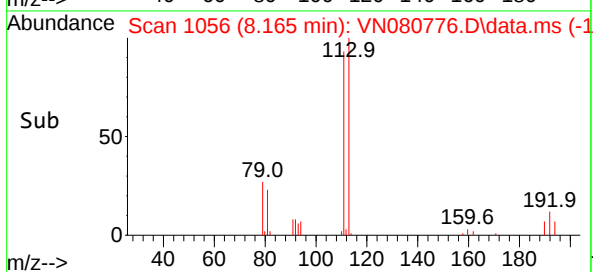
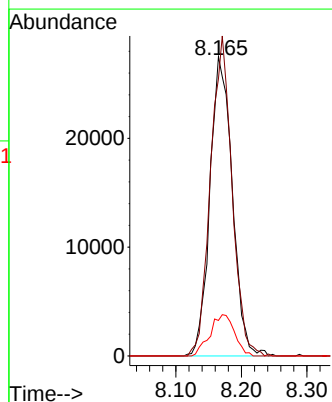
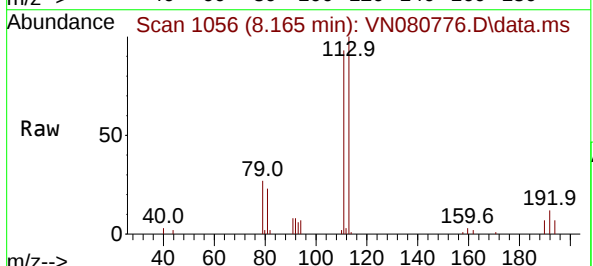
Tgt Ion:113 Resp: 65167

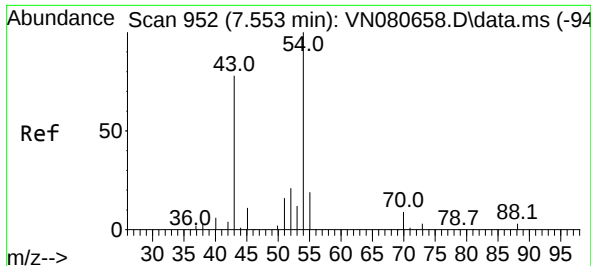
Ion Ratio Lower Upper

113 100

111 102.5 82.6 123.8

192 15.2 12.7 19.1





#37

Ethyl Acetate

Concen: 1.505 ug/l

RT: 7.565 min Scan# 91

Delta R.T. 0.012 min

Lab File: VN080776.D

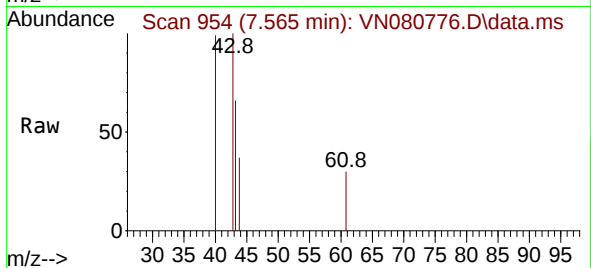
Acq: 26 Jan 2024 17:48

Instrument :

MSVOA\_N

ClientSampleId :

MR-308-17-19



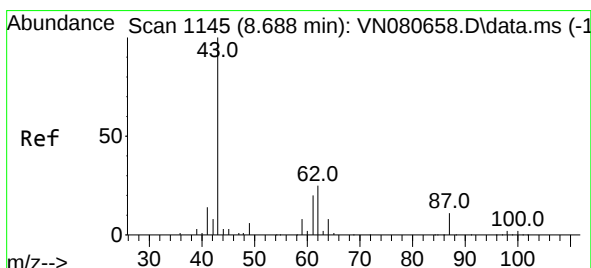
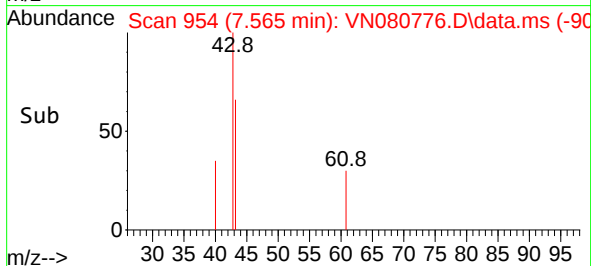
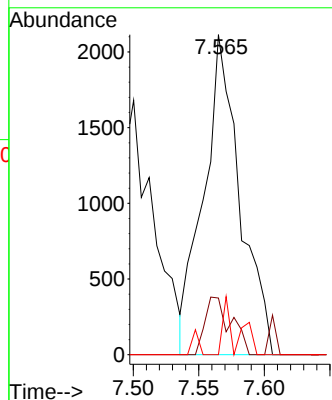
Tgt Ion: 43 Resp: 4057

Ion Ratio Lower Upper

43 100

61 12.9 13.2 19.8#

70 6.8 11.3 16.9#



#43

Isopropyl Acetate

Concen: 30.119 ug/l

RT: 8.694 min Scan# 1146

Delta R.T. 0.006 min

Lab File: VN080776.D

Acq: 26 Jan 2024 17:48

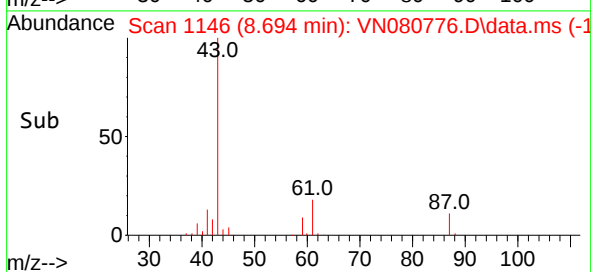
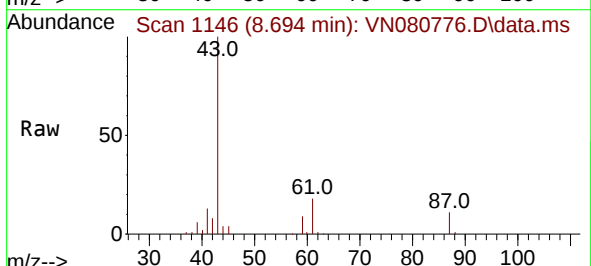
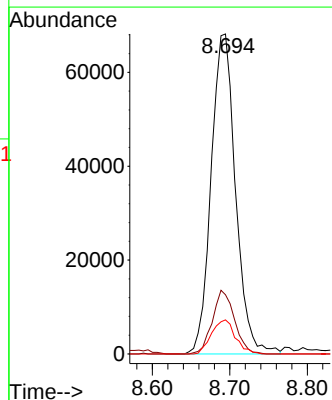
Tgt Ion: 43 Resp: 149225

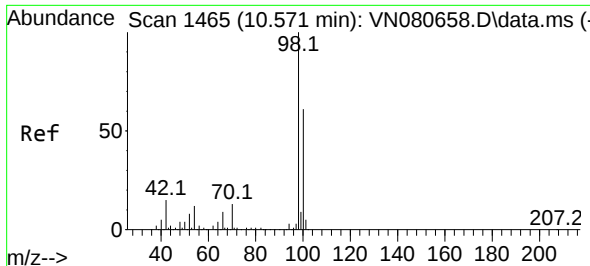
Ion Ratio Lower Upper

43 100

61 18.0 24.7 37.1#

87 10.4 14.6 21.8#

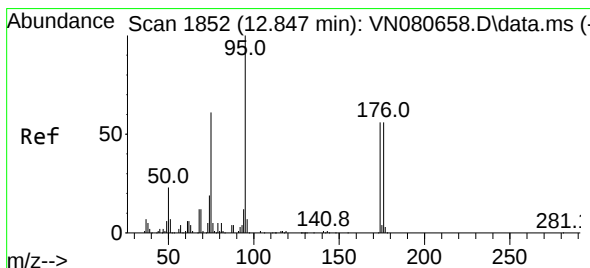
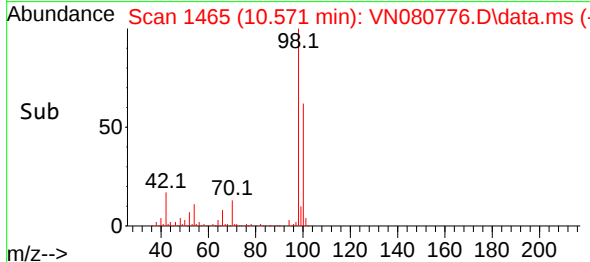
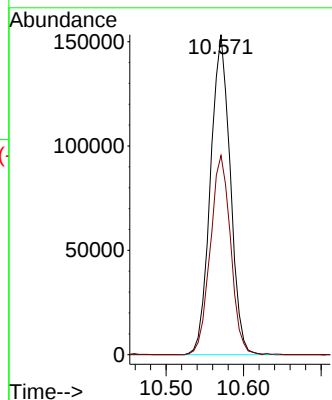
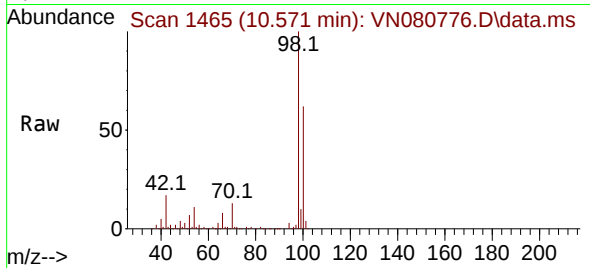




#50  
Toluene-d8  
Concen: 52.482 ug/l  
RT: 10.571 min Scan# 1465  
Delta R.T. 0.000 min  
Lab File: VN080776.D  
Acq: 26 Jan 2024 17:48

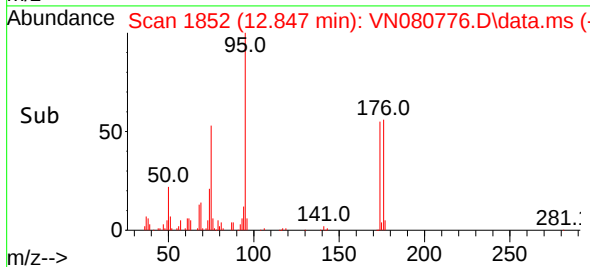
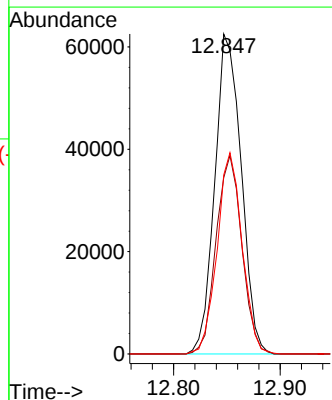
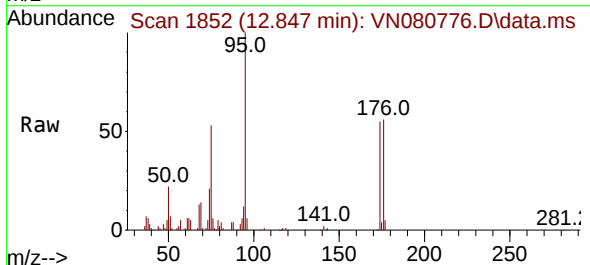
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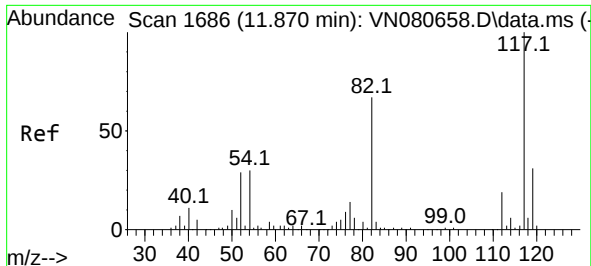
Tgt Ion: 98 Resp: 271547  
Ion Ratio Lower Upper  
98 100  
100 63.9 52.0 78.0



#62  
4-Bromofluorobenzene  
Concen: 54.315 ug/l  
RT: 12.847 min Scan# 1852  
Delta R.T. 0.000 min  
Lab File: VN080776.D  
Acq: 26 Jan 2024 17:48

Tgt Ion: 95 Resp: 107768  
Ion Ratio Lower Upper  
95 100  
174 60.3 0.0 143.8  
176 59.4 0.0 135.8

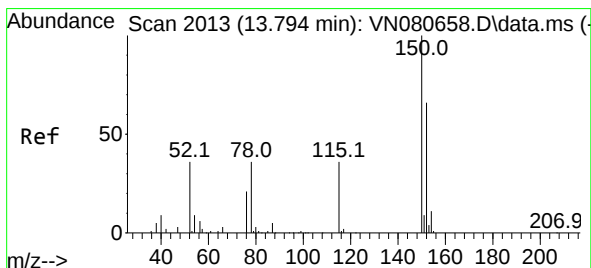
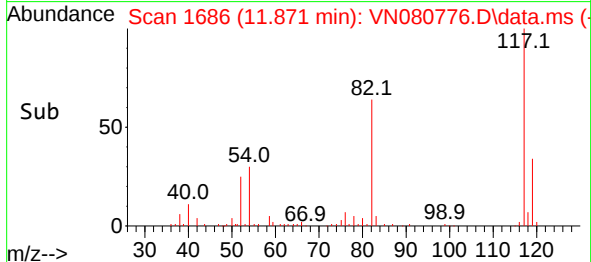
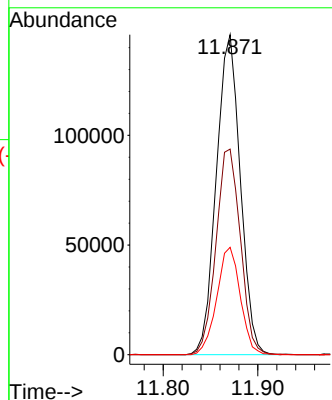
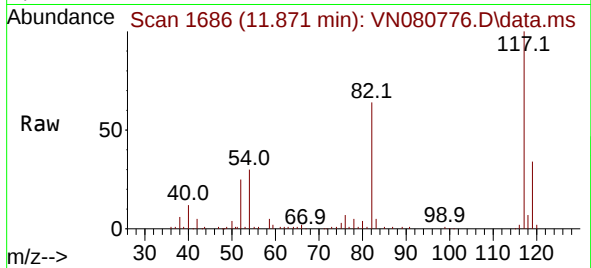




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.871 min Scan# 117  
Delta R.T. 0.000 min  
Lab File: VN080776.D  
Acq: 26 Jan 2024 17:48

Instrument :  
MSVOA\_N  
ClientSampleId :  
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Tgt Ion:117 Resp: 256991  
Ion Ratio Lower Upper  
117 100  
82 64.2 44.0 66.0  
119 33.5 25.6 38.4



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.794 min Scan# 2013  
Delta R.T. 0.000 min  
Lab File: VN080776.D  
Acq: 26 Jan 2024 17:48

Tgt Ion:152 Resp: 103255  
Ion Ratio Lower Upper  
152 100  
115 69.6 32.3 96.8  
150 156.1 0.0 355.8

