

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN062524\  
 Data File : VN082721.D  
 Acq On : 25 Jun 2024 16:35  
 Operator : JC\MD  
 Sample : P3008-03  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 WC-WS-6-21-24

Quant Time: Jun 26 01:25:02 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N061724W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jun 18 04:52:44 2024  
 Response via : Initial Calibration

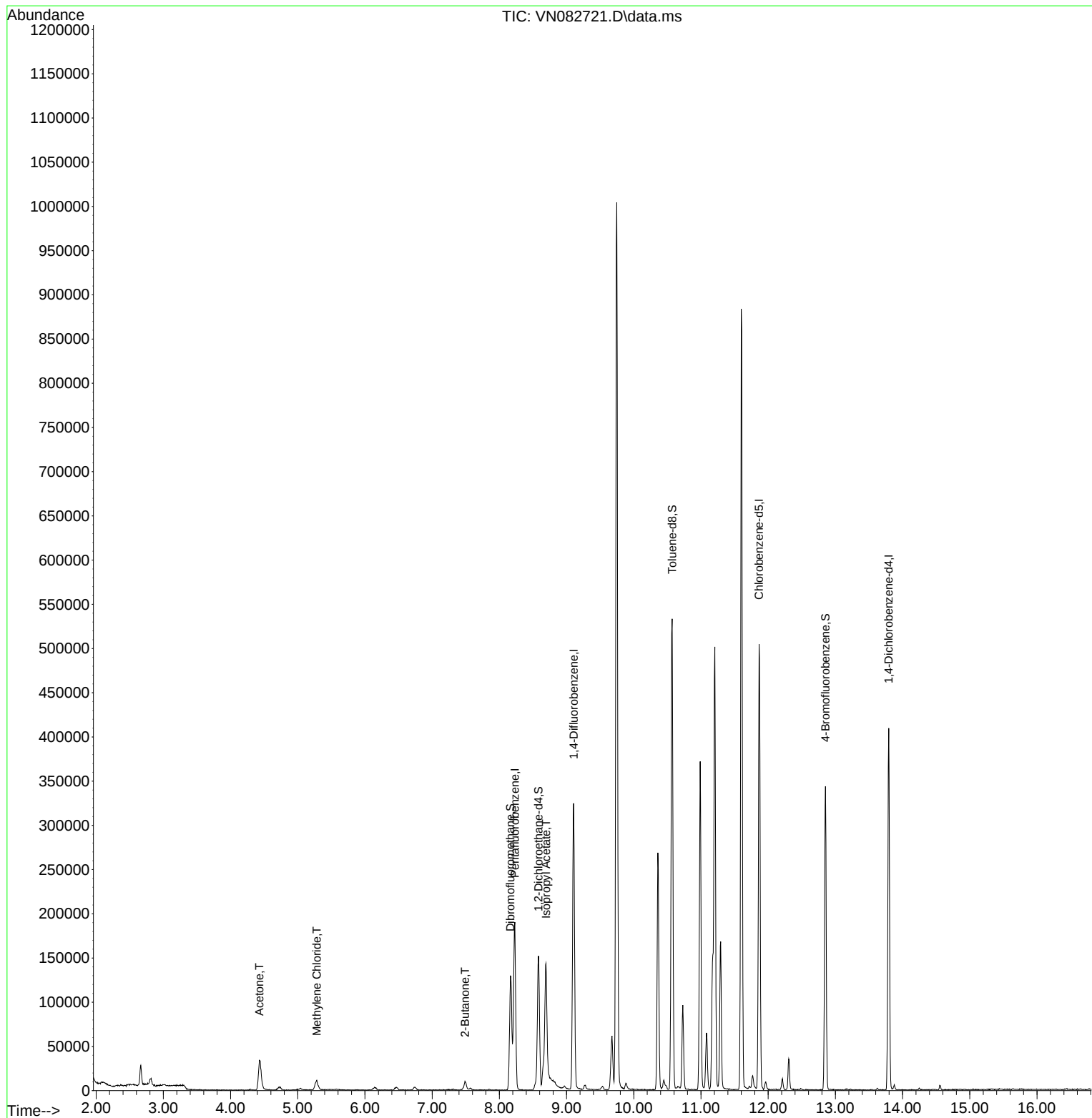
| Compound                    | R.T. QIon |       | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|-----------|-------|----------|----------|--------|----------|
| -----                       |           |       |          |          |        |          |
| Internal Standards          |           |       |          |          |        |          |
| 1) Pentafluorobenzene       | 8.229     | 168   | 130929   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 9.106     | 114   | 253994   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 11.865    | 117   | 265899   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.794    | 152   | 102968   | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds |           |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 8.582     | 65    | 125094   | 59.579   | ug/l   | 0.00     |
| Spiked Amount               | 50.000    | Range | 74 - 125 | Recovery | =      | 119.160% |
| 35) Dibromofluoromethane    | 8.165     | 113   | 91960    | 53.370   | ug/l   | 0.00     |
| Spiked Amount               | 50.000    | Range | 75 - 124 | Recovery | =      | 106.740% |
| 50) Toluene-d8              | 10.570    | 98    | 347866   | 53.386   | ug/l   | 0.00     |
| Spiked Amount               | 50.000    | Range | 86 - 113 | Recovery | =      | 106.780% |
| 62) 4-Bromofluorobenzene    | 12.853    | 95    | 106868   | 47.571   | ug/l   | 0.00     |
| Spiked Amount               | 50.000    | Range | 64 - 133 | Recovery | =      | 95.140%  |
| Target Compounds            |           |       |          |          |        |          |
|                             |           |       |          |          |        | Qvalue   |
| 16) Acetone                 | 4.430     | 43    | 65592    | 68.691   | ug/l   | 97       |
| 20) Methylene Chloride      | 5.283     | 84    | 7718     | 4.597    | ug/l # | 70       |
| 25) 2-Butanone              | 7.488     | 43    | 16098    | 11.861   | ug/l   | 98       |
| 43) Isopropyl Acetate       | 8.694     | 43    | 197227   | 32.164   | ug/l # | 83       |
| -----                       |           |       |          |          |        |          |

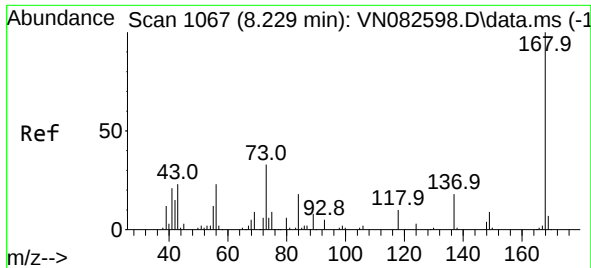
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260  
QLast Update : Tue Jun 18 04:52:44 2024  
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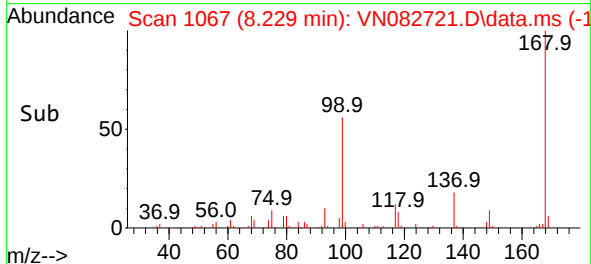
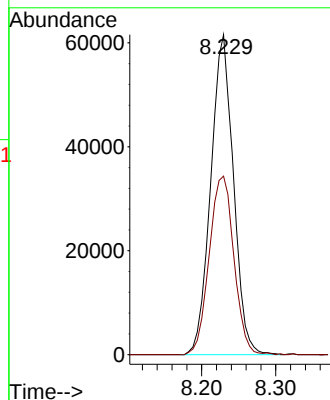
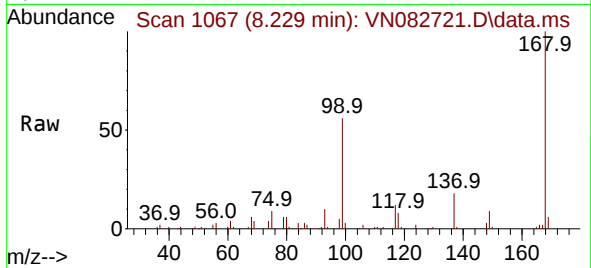




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.229 min Scan# 1067  
Delta R.T. 0.000 min  
Lab File: VN082721.D  
Acq: 25 Jun 2024 16:35

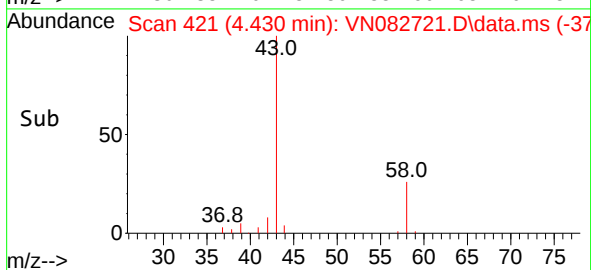
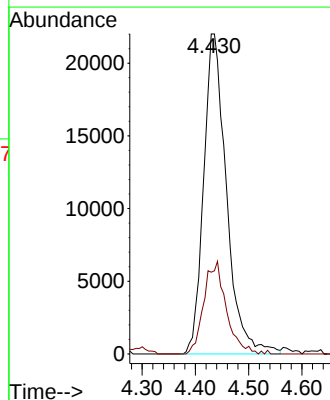
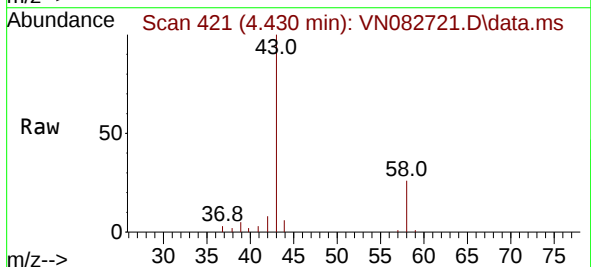
Instrument :  
MSVOA\_N  
ClientSampleId :  
WC-WS-6-21-24

Tgt Ion:168 Resp: 130929  
Ion Ratio Lower Upper  
168 100  
99 55.8 48.2 72.4



#16  
Acetone  
Concen: 68.691 ug/l  
RT: 4.430 min Scan# 421  
Delta R.T. 0.000 min  
Lab File: VN082721.D  
Acq: 25 Jun 2024 16:35

Tgt Ion: 43 Resp: 65592  
Ion Ratio Lower Upper  
43 100  
58 25.5 21.8 32.6

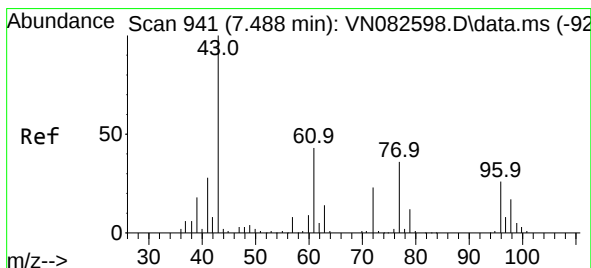
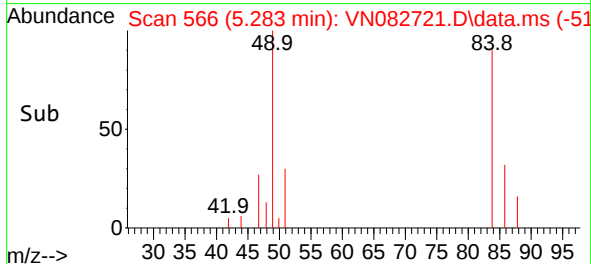
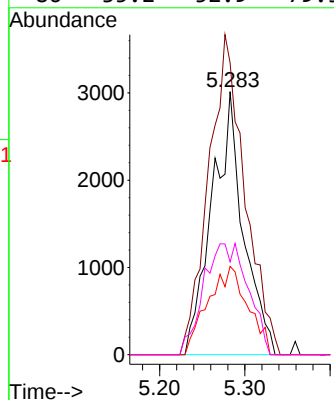
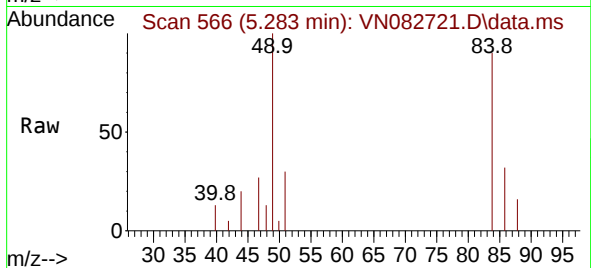




#20  
Methylene Chloride  
Concen: 4.597 ug/l  
RT: 5.283 min Scan# 51  
Delta R.T. 0.006 min  
Lab File: VN082721.D  
Acq: 25 Jun 2024 16:35

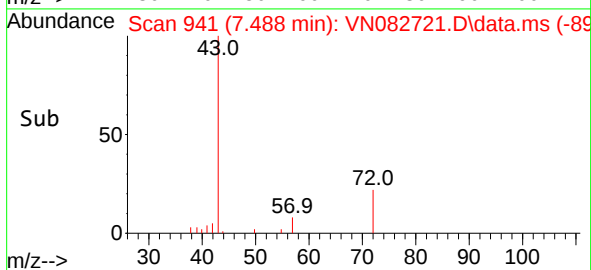
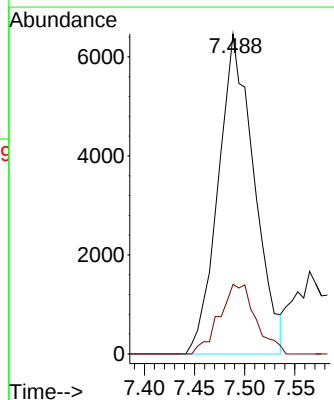
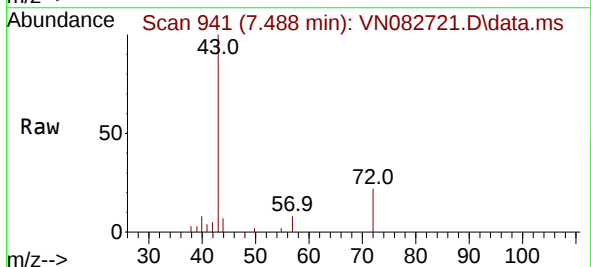
Instrument :  
MSVOA\_N  
ClientSampleId :  
WC-WS-6-21-24

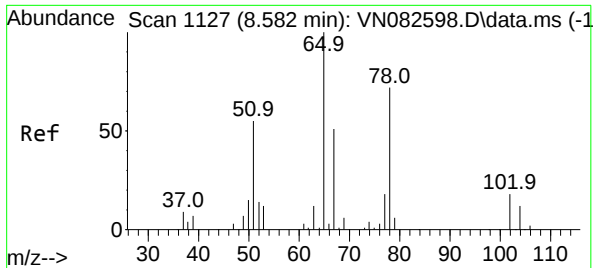
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 84    | Resp: | 7718   |
| Ion      | Ratio | Lower | Upper  |
| 84       | 100   |       |        |
| 49       | 110.9 | 119.6 | 179.4# |
| 51       | 33.6  | 34.8  | 52.2#  |
| 86       | 35.2  | 52.9  | 79.3#  |



#25  
2-Butanone  
Concen: 11.861 ug/l  
RT: 7.488 min Scan# 941  
Delta R.T. 0.000 min  
Lab File: VN082721.D  
Acq: 25 Jun 2024 16:35

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 16098 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 72       | 21.7  | 18.2  | 27.2  |





#33

1,2-Dichloroethane-d4

Concen: 59.579 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN082721.D

Acq: 25 Jun 2024 16:35

Instrument :

MSVOA\_N

ClientSampleId :

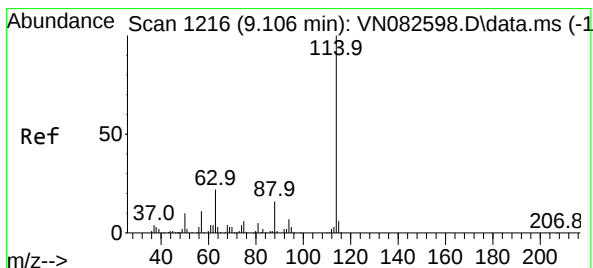
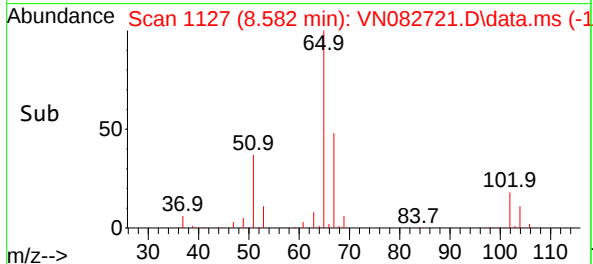
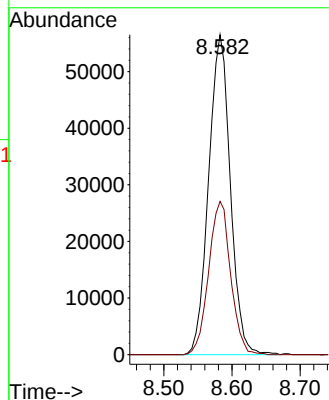
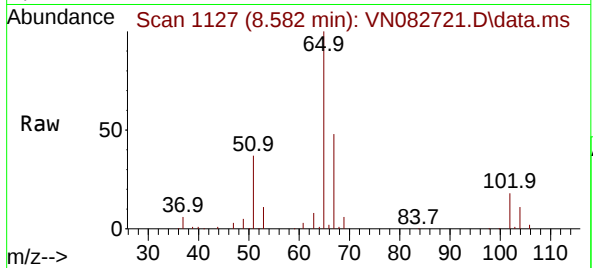
WC-WS-6-21-24

Tgt Ion: 65 Resp: 125094

Ion Ratio Lower Upper

65 100

67 48.6 0.0 104.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN082721.D

Acq: 25 Jun 2024 16:35

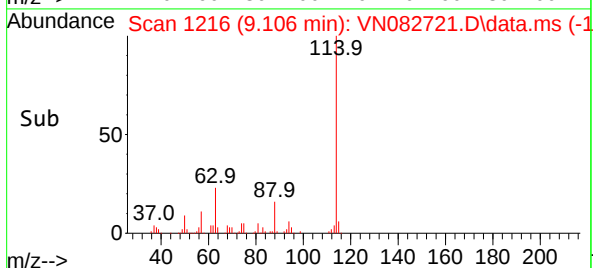
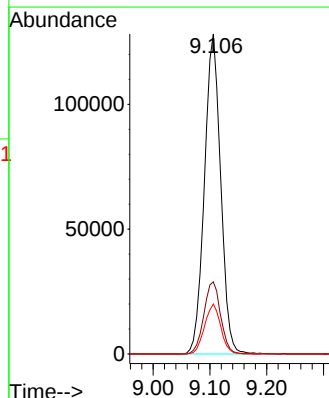
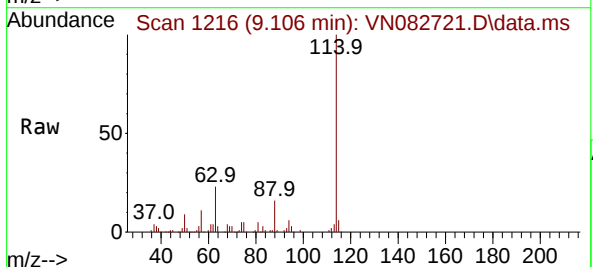
Tgt Ion: 114 Resp: 253994

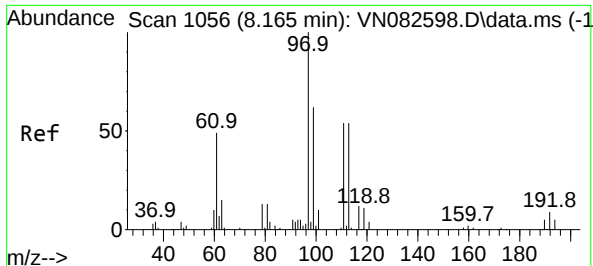
Ion Ratio Lower Upper

114 100

63 22.5 0.0 44.6

88 15.6 0.0 31.4





#35

Dibromofluoromethane

Concen: 53.370 ug/l

RT: 8.165 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN082721.D

Acq: 25 Jun 2024 16:35

Instrument :

MSVOA\_N

ClientSampleId :

WC-WS-6-21-24

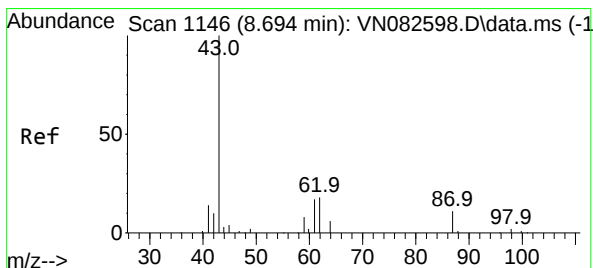
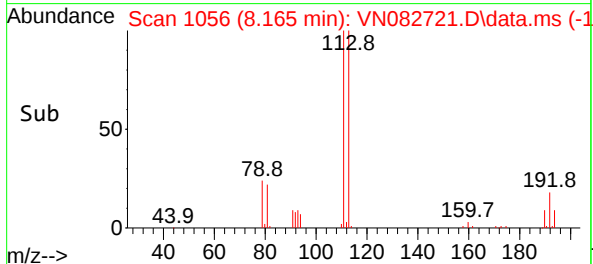
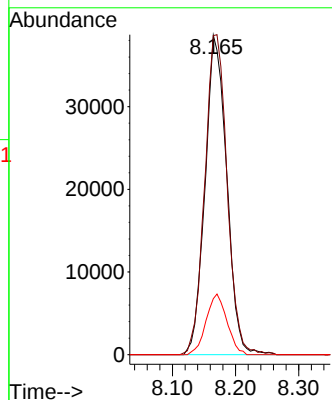
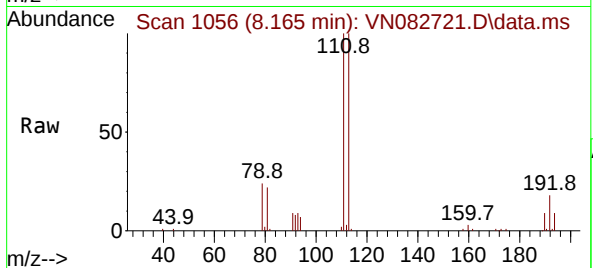
Tgt Ion:113 Resp: 91960

Ion Ratio Lower Upper

113 100

111 103.4 82.4 123.6

192 18.3 14.9 22.3



#43

Isopropyl Acetate

Concen: 32.164 ug/l

RT: 8.694 min Scan# 1146

Delta R.T. 0.000 min

Lab File: VN082721.D

Acq: 25 Jun 2024 16:35

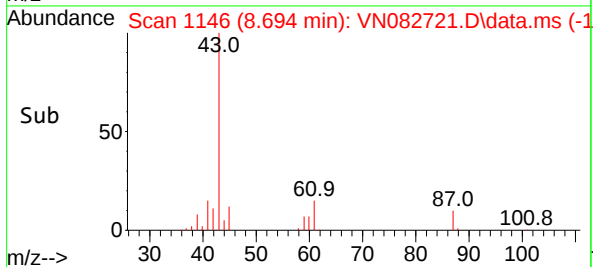
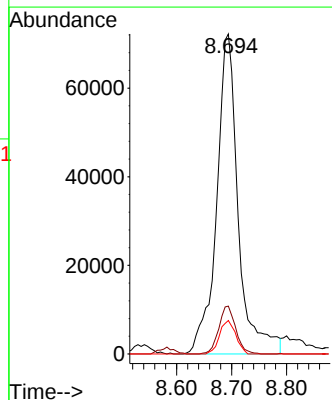
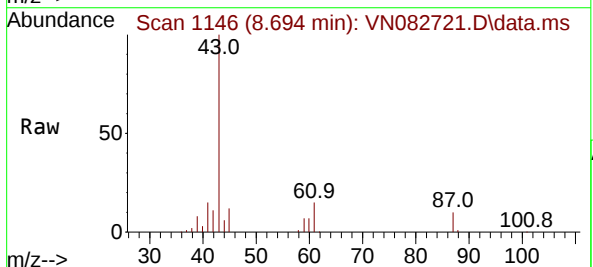
Tgt Ion: 43 Resp: 197227

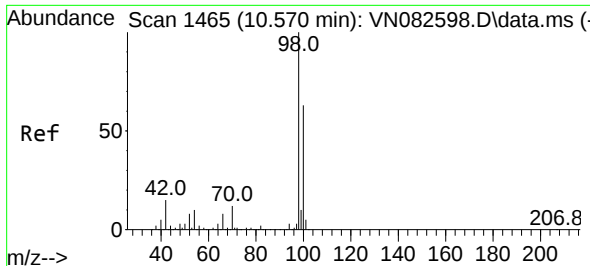
Ion Ratio Lower Upper

43 100

61 11.7 17.8 26.6#

87 7.8 8.2 12.2#

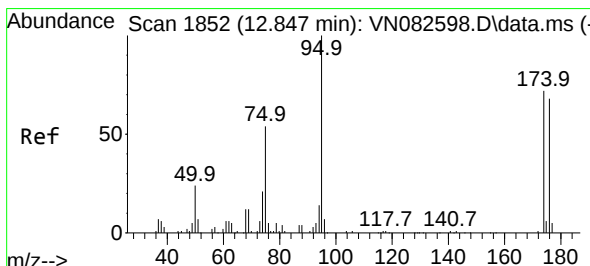
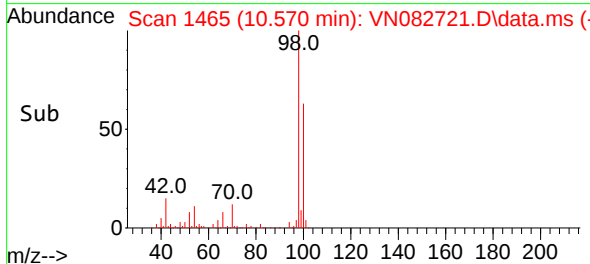
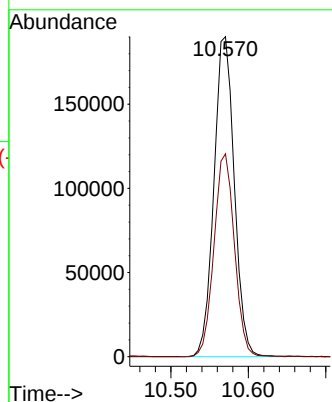
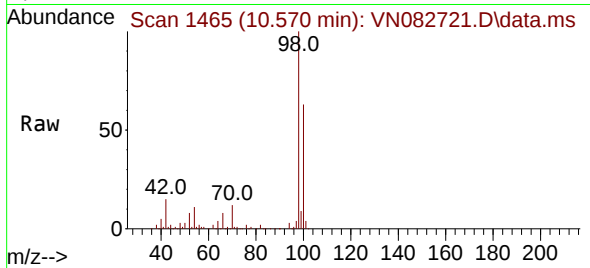




#50  
Toluene-d8  
Concen: 53.386 ug/l  
RT: 10.570 min Scan# 1465  
Delta R.T. 0.000 min  
Lab File: VN082721.D  
Acq: 25 Jun 2024 16:35

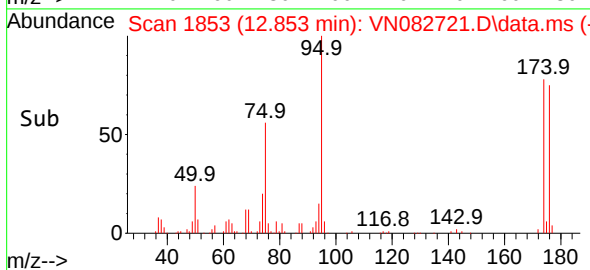
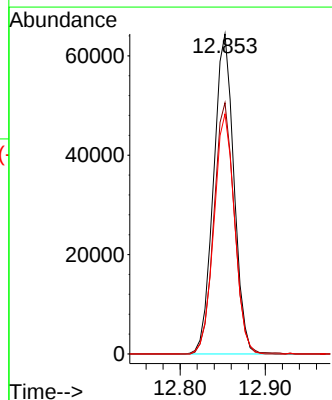
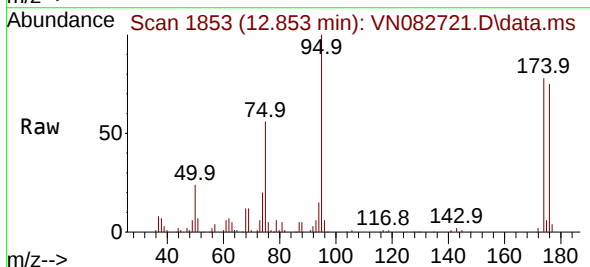
Instrument :  
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WC-WS-6-21-24

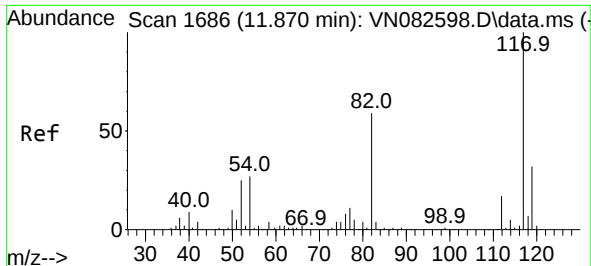
Tgt Ion: 98 Resp: 347866  
Ion Ratio Lower Upper  
98 100  
100 63.6 51.5 77.3



#62  
4-Bromofluorobenzene  
Concen: 47.571 ug/l  
RT: 12.853 min Scan# 1853  
Delta R.T. 0.006 min  
Lab File: VN082721.D  
Acq: 25 Jun 2024 16:35

Tgt Ion: 95 Resp: 106868  
Ion Ratio Lower Upper  
95 100  
174 78.9 0.0 159.2  
176 75.9 0.0 147.6

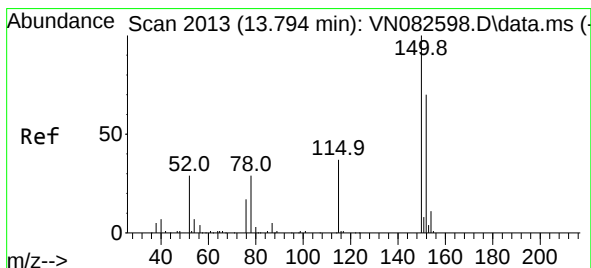
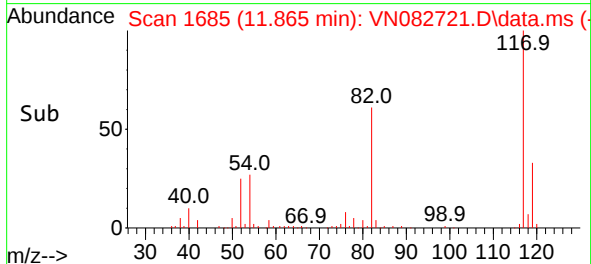
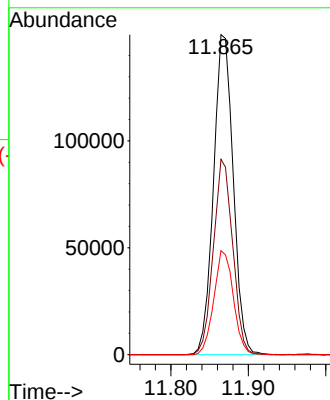
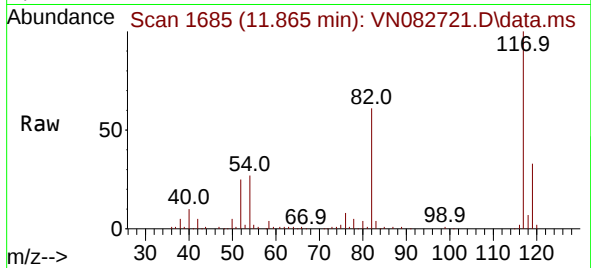




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.865 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VN082721.D  
Acq: 25 Jun 2024 16:35

Instrument :  
MSVOA\_N  
ClientSampleId :  
WC-WS-6-21-24

Tgt Ion:117 Resp: 265899  
Ion Ratio Lower Upper  
117 100  
82 61.0 47.5 71.3  
119 32.5 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: VN082721.D  
Acq: 25 Jun 2024 16:35

Tgt Ion:152 Resp: 102968  
Ion Ratio Lower Upper  
152 100  
115 59.4 30.6 91.6  
150 159.7 0.0 348.6

