

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN041922\  
 Data File : VN072061.D  
 Acq On : 19 Apr 2022 19:51  
 Operator : JC\MD  
 Sample : N2452-04  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 WC-15-1-3-GR

Quant Time: Apr 20 01:29:17 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N033022W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Mar 31 01:57:54 2022  
 Response via : Initial Calibration

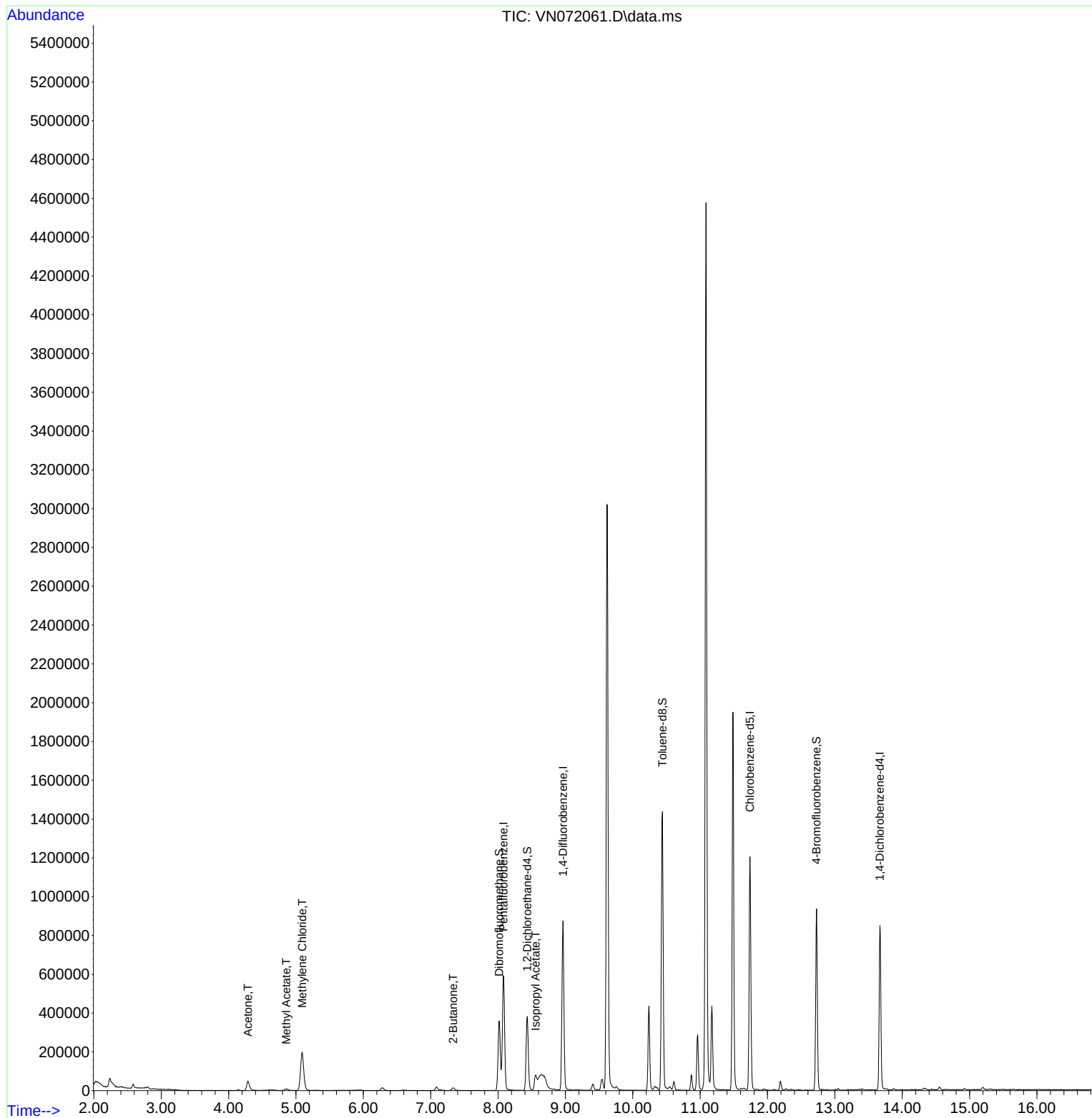
| Compound                    | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|--------|----------|
| -----                       |        |       |          |          |        |          |
| Internal Standards          |        |       |          |          |        |          |
| 1) Pentafluorobenzene       | 8.081  | 168   | 495254   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.963  | 114   | 796592   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 11.739 | 117   | 744706   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.668 | 152   | 259758   | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 8.434  | 65    | 316006   | 55.892   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 61 - 141 | Recovery | =      | 111.780% |
| 35) Dibromofluoromethane    | 8.016  | 113   | 265694   | 56.682   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 69 - 133 | Recovery | =      | 113.360% |
| 50) Toluene-d8              | 10.439 | 98    | 1071584  | 55.883   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 65 - 126 | Recovery | =      | 111.760% |
| 62) 4-Bromofluorobenzene    | 12.727 | 95    | 326239   | 52.605   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 58 - 135 | Recovery | =      | 105.220% |
| Target Compounds            |        |       |          |          |        |          |
|                             |        |       |          |          |        | Qvalue   |
| 16) Acetone                 | 4.287  | 43    | 84915    | 35.143   | ug/l   | 100      |
| 18) Methyl Acetate          | 4.857  | 43    | 19420    | 1.786    | ug/l # | 89       |
| 20) Methylene Chloride      | 5.093  | 84    | 175918   | 34.542   | ug/l   | 97       |
| 25) 2-Butanone              | 7.334  | 43    | 23522    | 6.753    | ug/l   | 98       |
| 43) Isopropyl Acetate       | 8.557  | 43    | 97626    | 8.192    | ug/l # | 78       |
| -----                       |        |       |          |          |        |          |

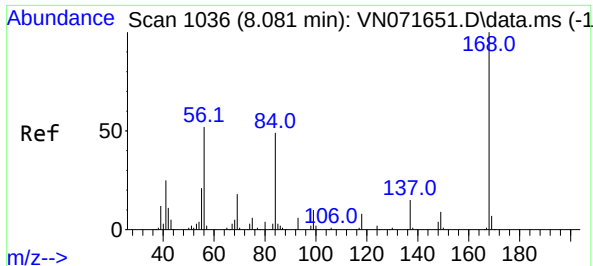
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN041922\  
Data File : VN072061.D  
Acq On : 19 Apr 2022 19:51  
Operator : JC\MD  
Sample : N2452-04  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
WC-15-1-3-GR

Quant Time: Apr 20 01:29:17 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N033022W.M  
Quant Title : SW846 8260  
QLast Update : Thu Mar 31 01:57:54 2022  
Response via : Initial Calibration

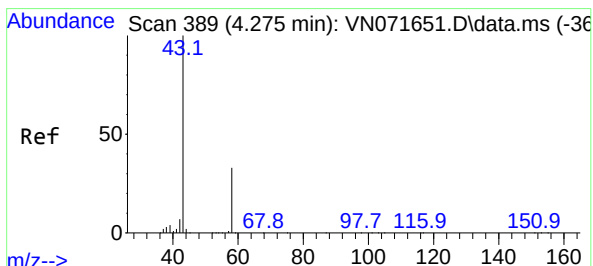
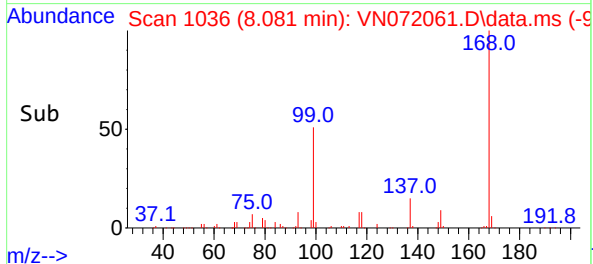
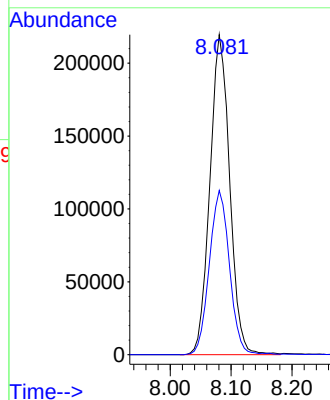
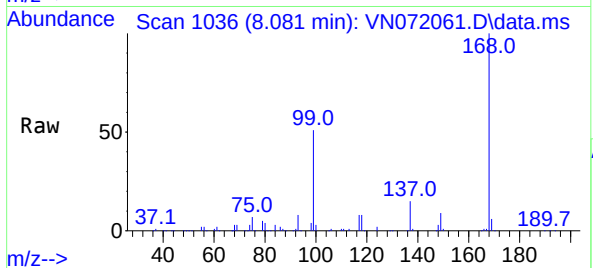




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.081 min Scan# 1036  
Delta R.T. -0.000 min  
Lab File: VN072061.D  
Acq: 19 Apr 2022 19:51

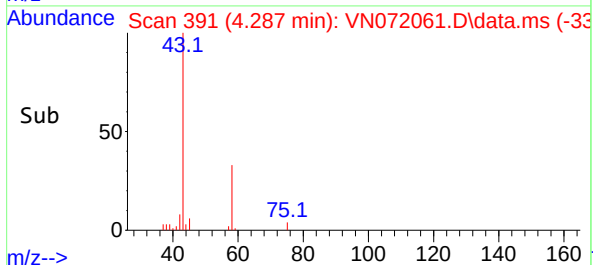
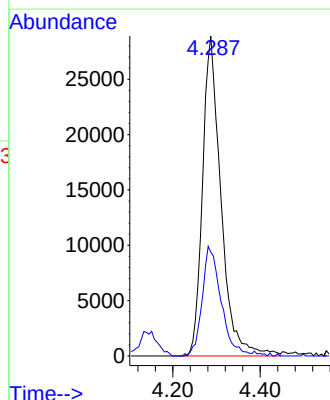
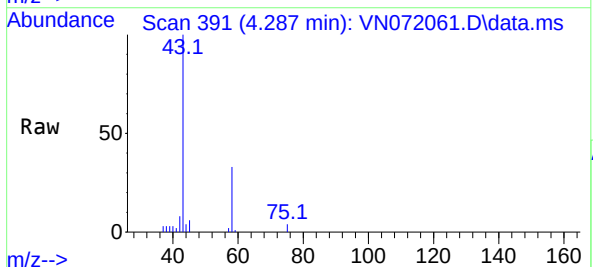
Instrument :  
MSVOA\_N  
ClientSampleId :  
WC-15-1-3-GR

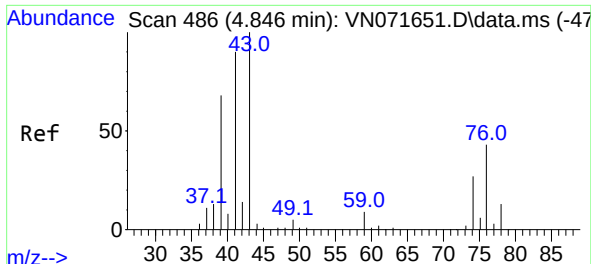
Tgt Ion:168 Resp: 495254  
Ion Ratio Lower Upper  
168 100  
99 51.3 42.3 63.5



#16  
Acetone  
Concen: 35.143 ug/l  
RT: 4.287 min Scan# 391  
Delta R.T. 0.012 min  
Lab File: VN072061.D  
Acq: 19 Apr 2022 19:51

Tgt Ion: 43 Resp: 84915  
Ion Ratio Lower Upper  
43 100  
58 32.5 26.0 39.0

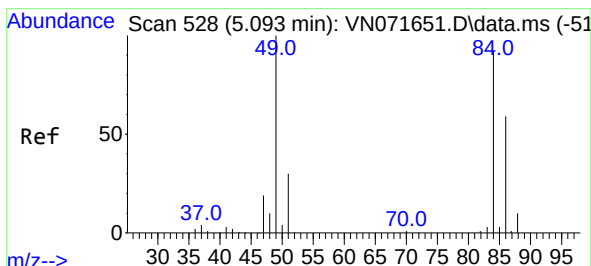
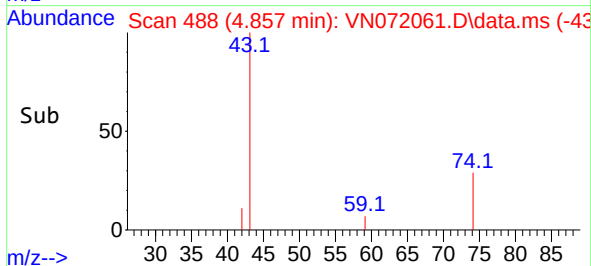
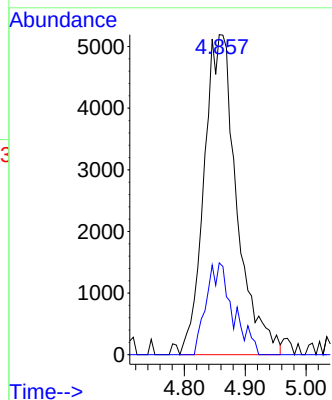
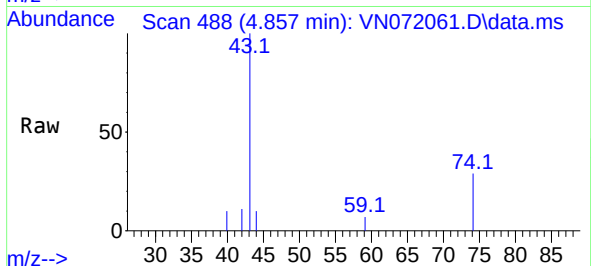




#18  
Methyl Acetate  
Concen: 1.786 ug/l  
RT: 4.857 min Scan# 41  
Delta R.T. 0.011 min  
Lab File: VN072061.D  
Acq: 19 Apr 2022 19:51

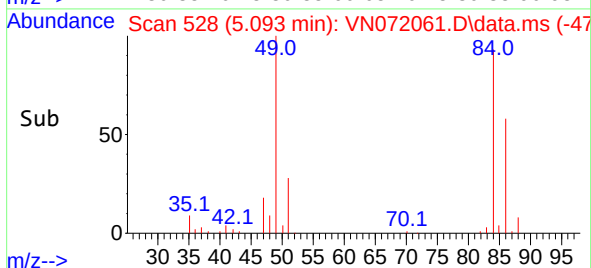
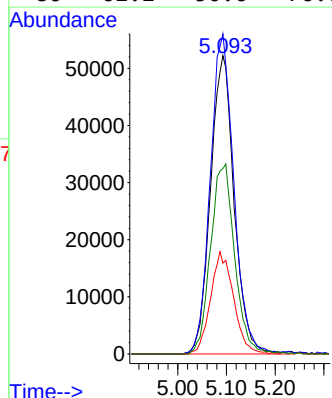
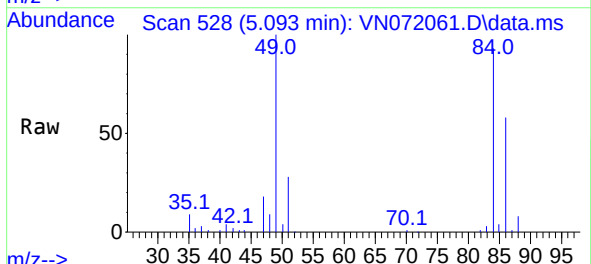
Instrument :  
MSVOA\_N  
ClientSampleId :  
WC-15-1-3-GR

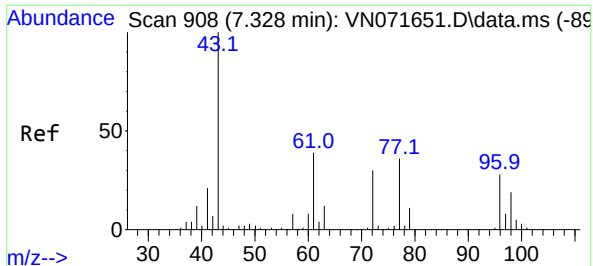
Tgt Ion: 43 Resp: 19420  
Ion Ratio Lower Upper  
43 100  
74 21.6 21.6 32.4#



#20  
Methylene Chloride  
Concen: 34.542 ug/l  
RT: 5.093 min Scan# 528  
Delta R.T. -0.000 min  
Lab File: VN072061.D  
Acq: 19 Apr 2022 19:51

Tgt Ion: 84 Resp: 175918  
Ion Ratio Lower Upper  
84 100  
49 107.3 88.3 132.5  
51 30.5 28.2 42.2  
86 62.2 50.6 76.0





#25

2-Butanone

Concen: 6.753 ug/l

RT: 7.334 min Scan# 908

Delta R.T. 0.006 min

Lab File: VN072061.D

Acq: 19 Apr 2022 19:51

Instrument :

MSVOA\_N

ClientSampleId :

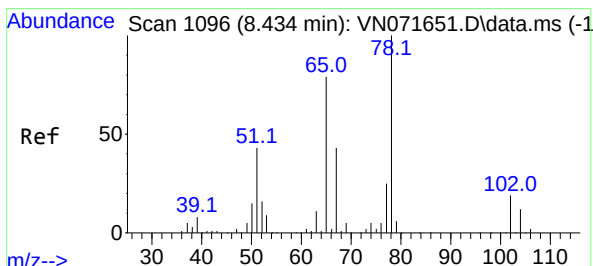
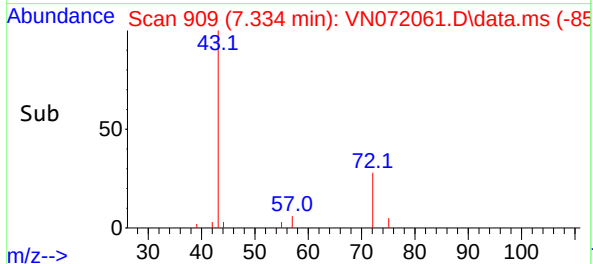
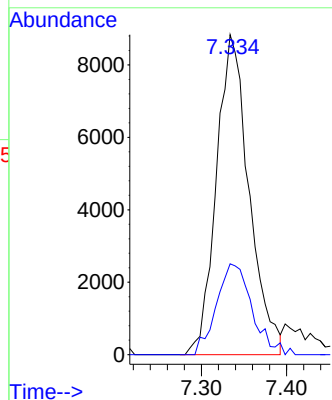
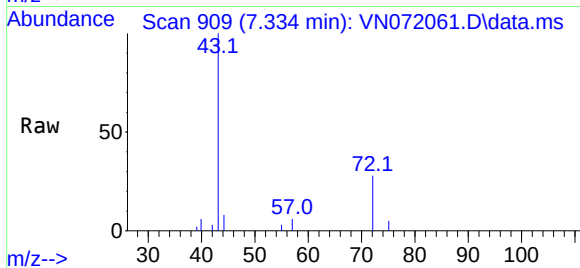
WC-15-1-3-GR

Tgt Ion: 43 Resp: 23522

Ion Ratio Lower Upper

43 100

72 28.4 23.7 35.5



#33

1,2-Dichloroethane-d4

Concen: 55.892 ug/l

RT: 8.434 min Scan# 1096

Delta R.T. -0.000 min

Lab File: VN072061.D

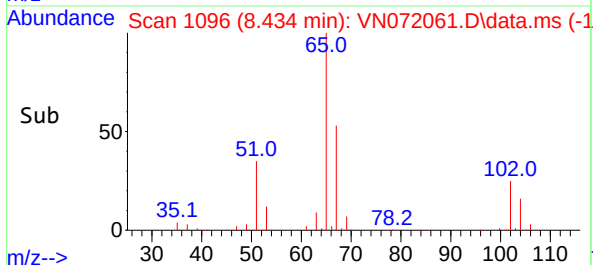
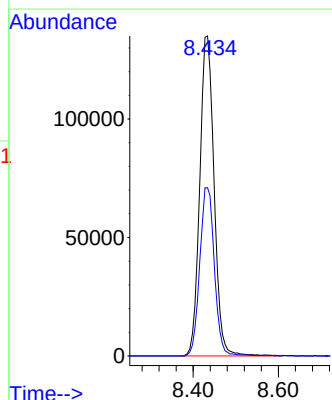
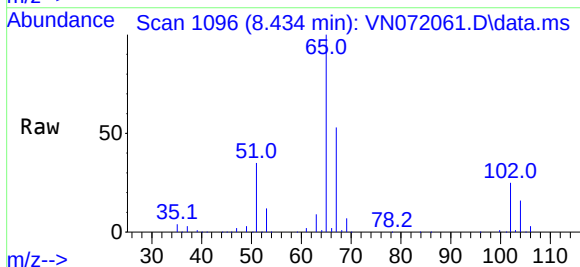
Acq: 19 Apr 2022 19:51

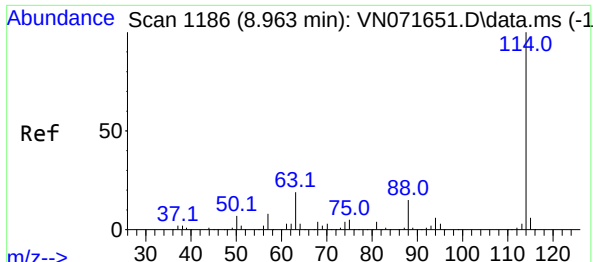
Tgt Ion: 65 Resp: 316006

Ion Ratio Lower Upper

65 100

67 53.5 0.0 104.8



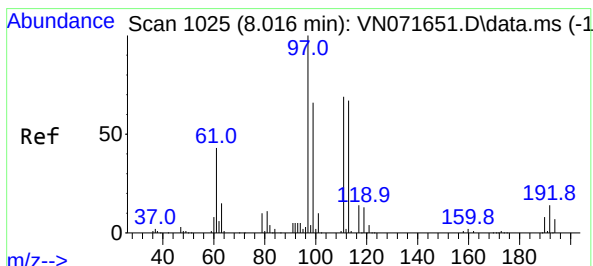
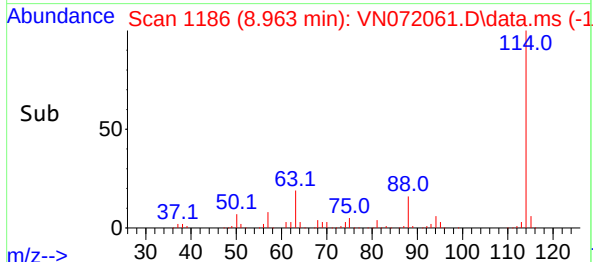
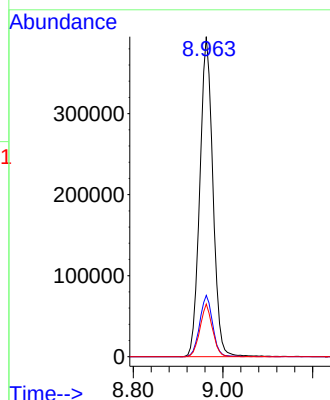
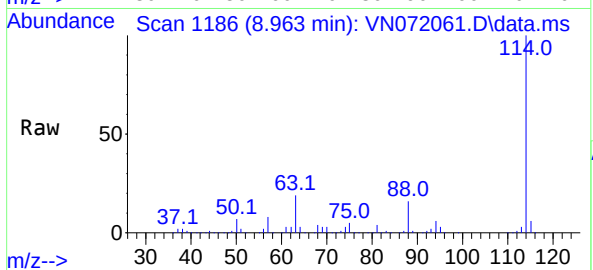


#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 8.963 min Scan# 1186  
Delta R.T. -0.000 min  
Lab File: VN072061.D  
Acq: 19 Apr 2022 19:51

Instrument :  
MSVOA\_N  
ClientSampleId :  
WC-15-1-3-GR

Tgt Ion:114 Resp: 796592

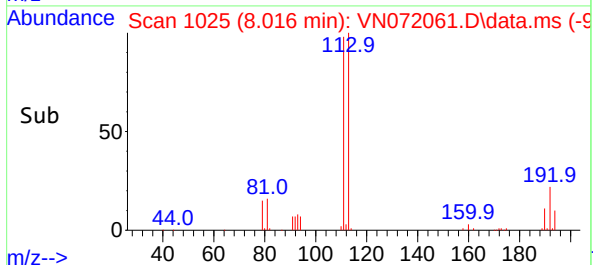
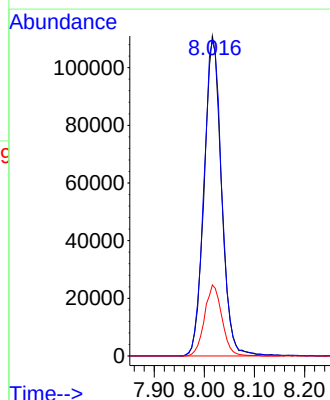
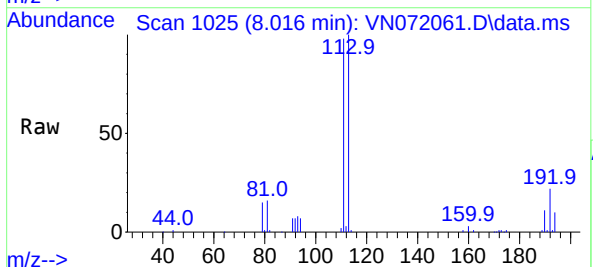
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 114 | 100   |       |       |
| 63  | 19.1  | 0.0   | 40.0  |
| 88  | 16.5  | 0.0   | 32.6  |

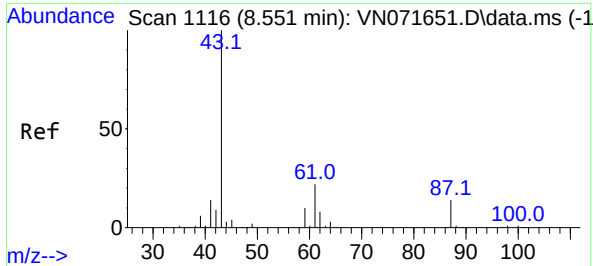


#35  
Dibromofluoromethane  
Concen: 56.682 ug/l  
RT: 8.016 min Scan# 1025  
Delta R.T. -0.000 min  
Lab File: VN072061.D  
Acq: 19 Apr 2022 19:51

Tgt Ion:113 Resp: 265694

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 113 | 100   |       |       |
| 111 | 101.8 | 81.4  | 122.0 |
| 192 | 22.4  | 17.0  | 25.6  |





#43

Isopropyl Acetate

Concen: 8.192 ug/l

RT: 8.557 min Scan# 1117

Delta R.T. 0.006 min

Lab File: VN072061.D

Acq: 19 Apr 2022 19:51

Instrument :

MSVOA\_N

ClientSampleId :

WC-15-1-3-GR

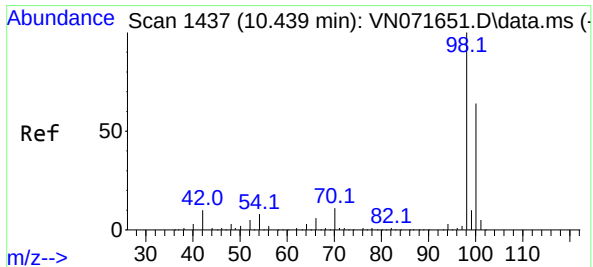
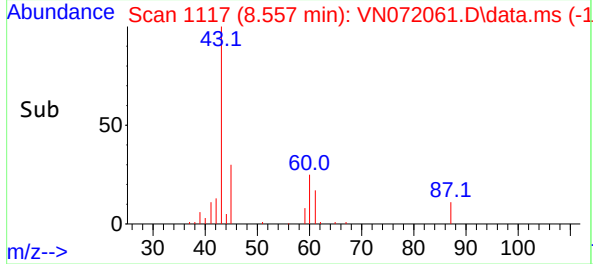
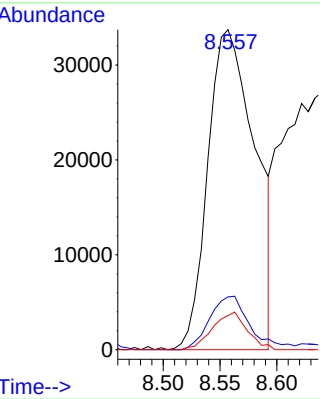
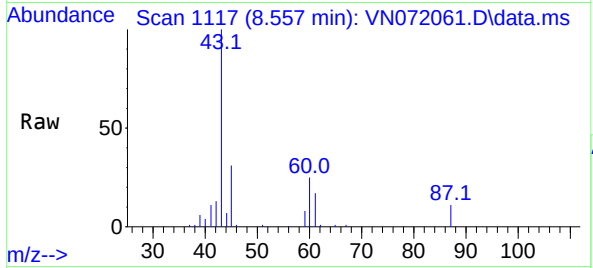
Tgt Ion: 43 Resp: 97626

Ion Ratio Lower Upper

43 100

61 14.2 21.9 32.9#

87 8.6 12.0 18.0#



#50

Toluene-d8

Concen: 55.883 ug/l

RT: 10.439 min Scan# 1437

Delta R.T. 0.000 min

Lab File: VN072061.D

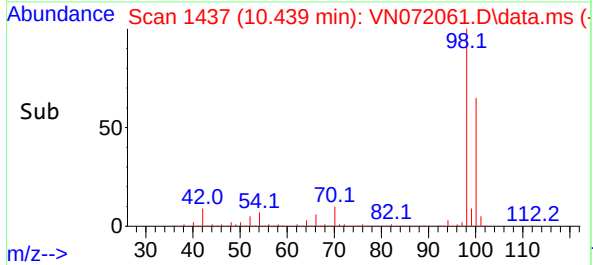
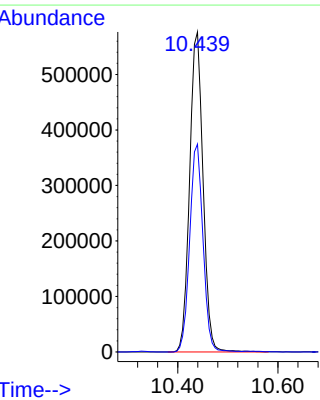
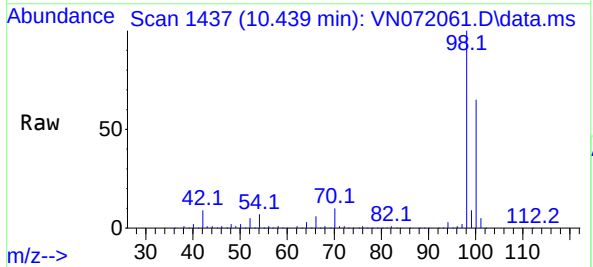
Acq: 19 Apr 2022 19:51

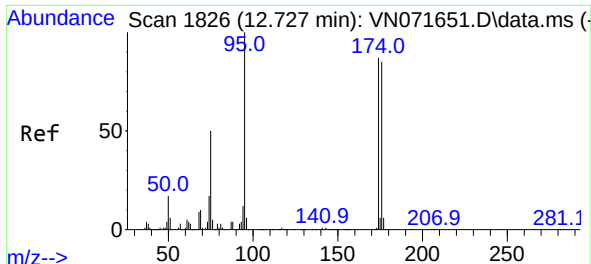
Tgt Ion: 98 Resp: 1071584

Ion Ratio Lower Upper

98 100

100 64.4 52.6 78.8



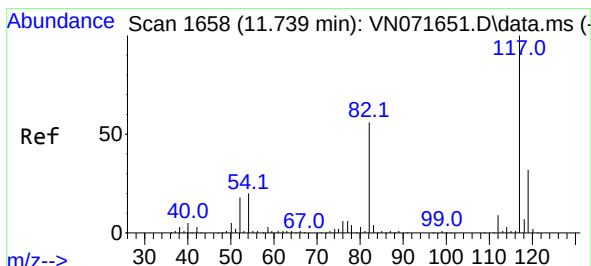
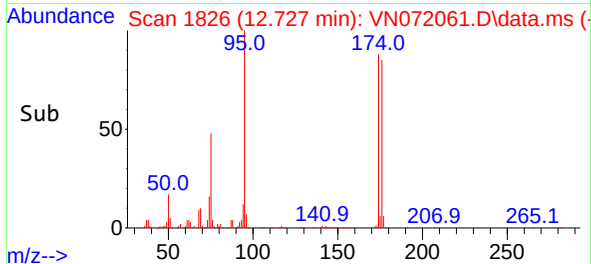
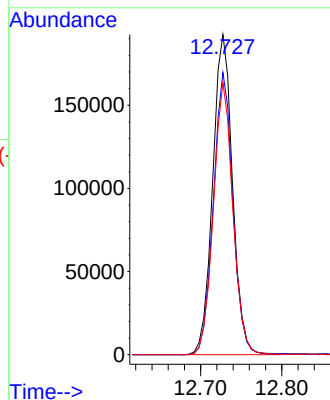
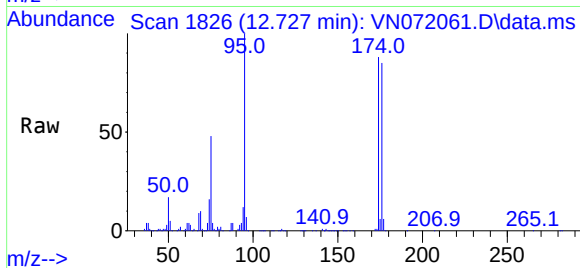


#62  
4-Bromofluorobenzene  
Concen: 52.605 ug/l  
RT: 12.727 min Scan# 1826  
Delta R.T. 0.000 min  
Lab File: VN072061.D  
Acq: 19 Apr 2022 19:51

Instrument :  
MSVOA\_N  
ClientSampleId :  
WC-15-1-3-GR

Tgt Ion: 95 Resp: 326239

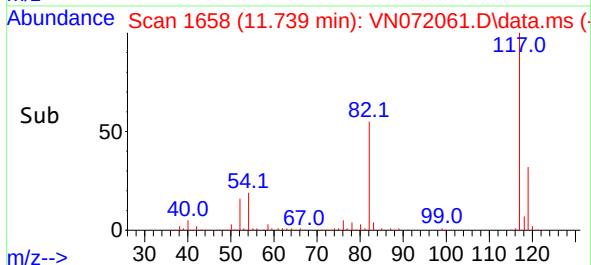
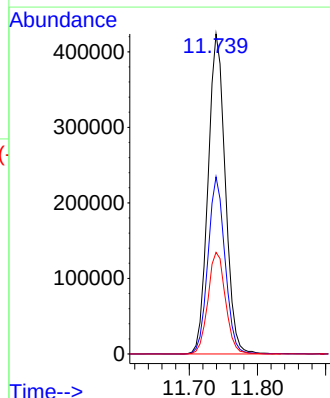
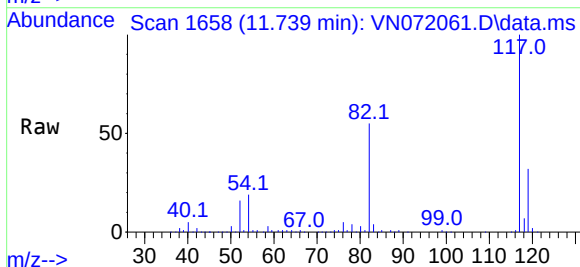
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 95  | 100   |       |       |
| 174 | 86.7  | 0.0   | 167.6 |
| 176 | 83.5  | 0.0   | 163.4 |



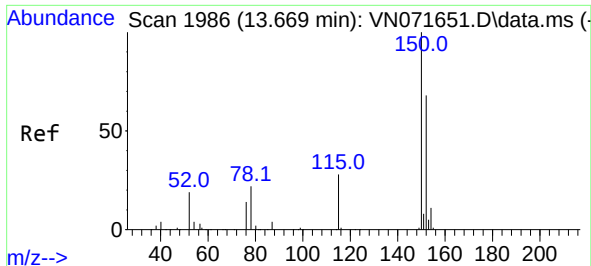
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.739 min Scan# 1658  
Delta R.T. 0.000 min  
Lab File: VN072061.D  
Acq: 19 Apr 2022 19:51

Tgt Ion: 117 Resp: 744706

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 117 | 100   |       |       |
| 82  | 55.4  | 44.2  | 66.2  |
| 119 | 31.8  | 25.4  | 38.0  |

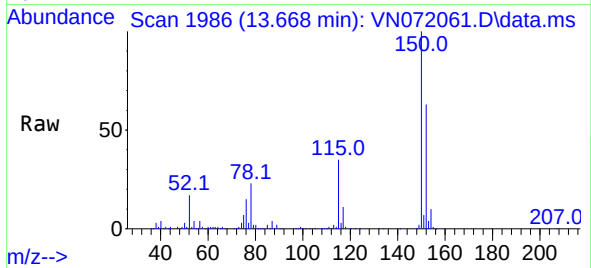






#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.668 min Scan# 1986  
Delta R.T. -0.001 min  
Lab File: VN072061.D  
Acq: 19 Apr 2022 19:51

Instrument :  
MSVOA\_N  
ClientSampleId :  
WC-15-1-3-GR



Tgt Ion:152 Resp: 259758  
Ion Ratio Lower Upper  
152 100  
115 56.4 28.9 86.7  
150 157.1 0.0 356.2

