

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN061822\  
 Data File : VN072930.D  
 Acq On : 18 Jun 2022 11:17  
 Operator : JC\MD  
 Sample : N3334-12  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 WC-14A-1A-8-GR

Quant Time: Jun 20 08:02:51 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N061722W.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Jun 18 06:22:45 2022  
 Response via : Initial Calibration

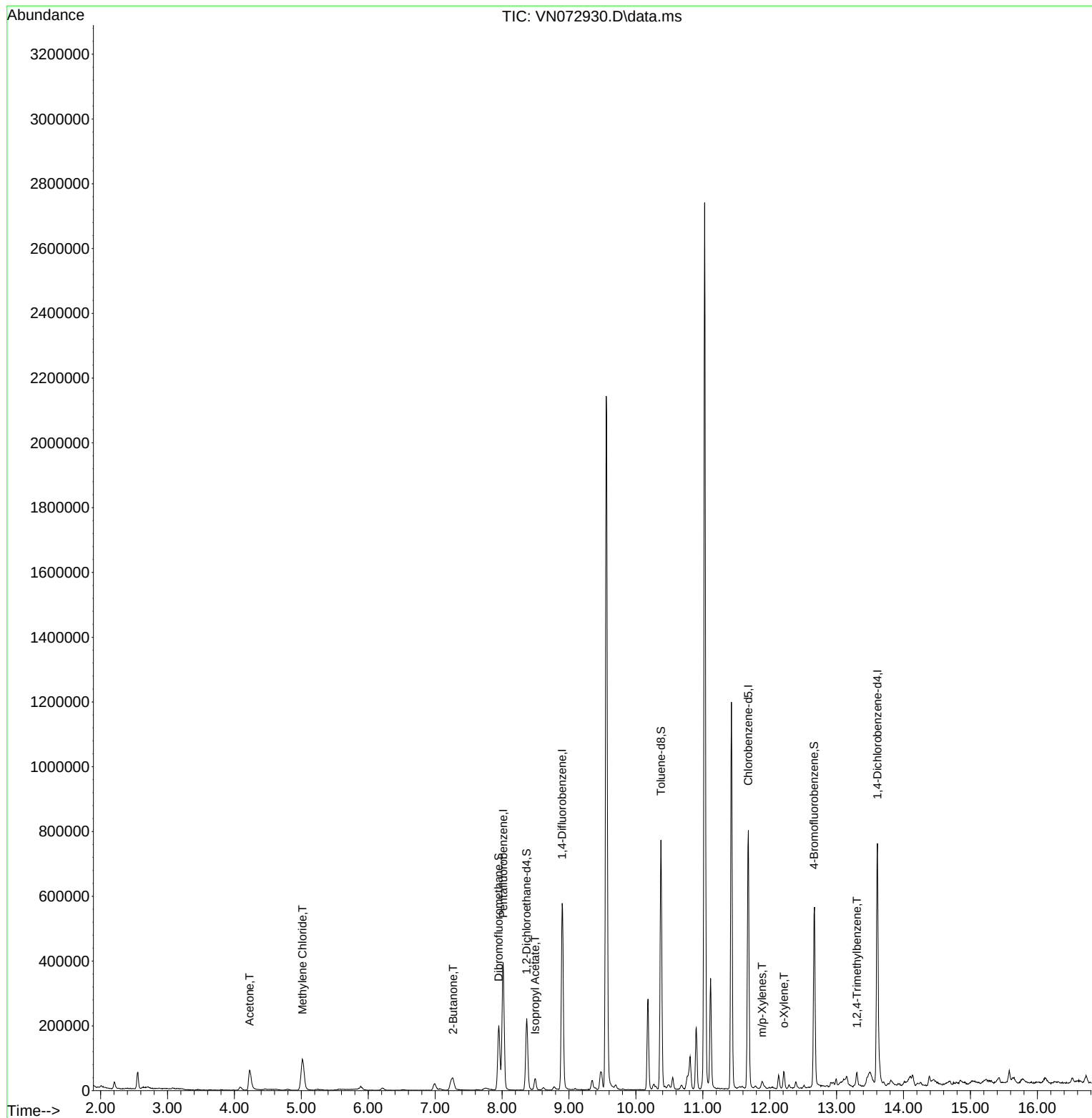
| Compound                    | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|--------|----------|
| -----                       |        |       |          |          |        |          |
| Internal Standards          |        |       |          |          |        |          |
| 1) Pentafluorobenzene       | 8.016  | 168   | 299169   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.898  | 114   | 527318   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 11.680 | 117   | 462083   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.610 | 152   | 207002   | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 8.369  | 65    | 180599   | 44.651   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | =      | 89.300%  |
| 35) Dibromofluoromethane    | 7.951  | 113   | 144465   | 44.324   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =      | 88.640%  |
| 50) Toluene-d8              | 10.375 | 98    | 519212   | 42.811   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | =      | 85.620%# |
| 62) 4-Bromofluorobenzene    | 12.663 | 95    | 188344   | 43.188   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =      | 86.380%  |
| Target Compounds            |        |       |          |          |        |          |
|                             |        |       |          |          | Qvalue |          |
| 16) Acetone                 | 4.228  | 43    | 117418   | 52.812   | ug/l   | 92       |
| 20) Methylene Chloride      | 5.016  | 84    | 79291    | 22.861   | ug/l   | 90       |
| 25) 2-Butanone              | 7.269  | 43    | 52137    | 14.778   | ug/l # | 87       |
| 43) Isopropyl Acetate       | 8.492  | 43    | 40978    | 4.064    | ug/l # | 88       |
| 68) m/p-Xylenes             | 11.886 | 106   | 6396     | 1.027    | ug/l   | 83       |
| 69) o-Xylene                | 12.216 | 106   | 10080    | 1.619    | ug/l   | 96       |
| 84) 1,2,4-Trimethylbenzene  | 13.304 | 105   | 26063    | 1.989    | ug/l   | 92       |
| -----                       |        |       |          |          |        |          |

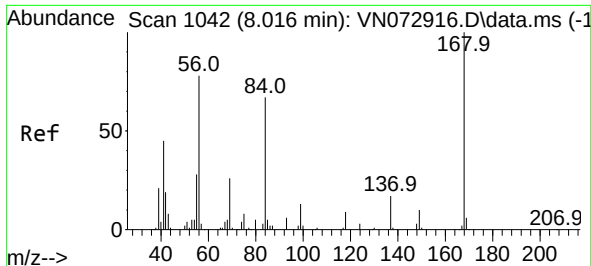
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jun 20 08:02:51 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N061722W.M  
Quant Title : SW846 8260  
QLast Update : Sat Jun 18 06:22:45 2022  
Response via : Initial Calibration

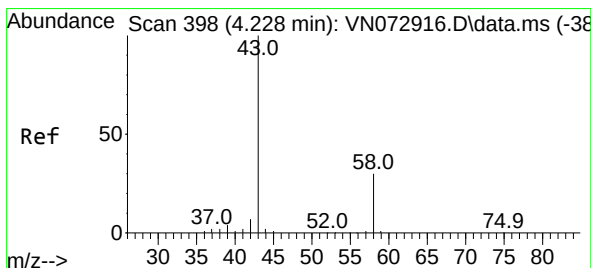
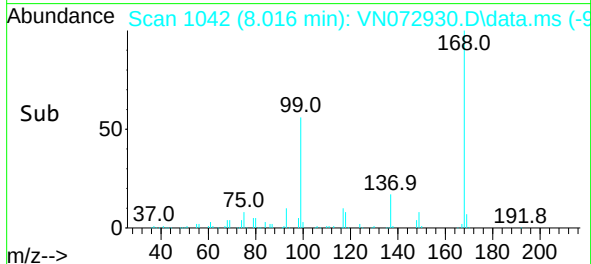
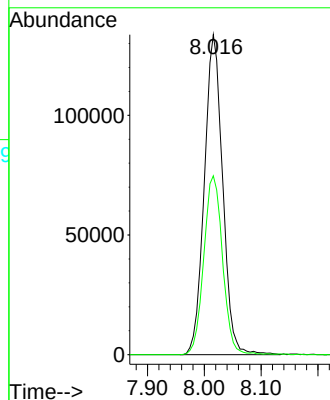
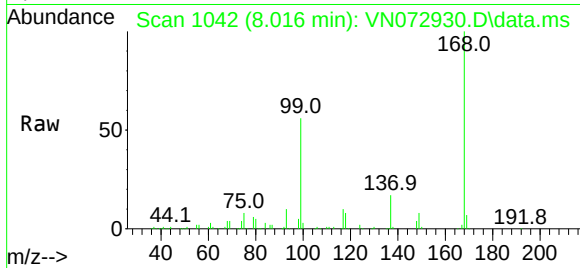




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.016 min Scan# 1042  
Delta R.T. -0.000 min  
Lab File: VN072930.D  
Acq: 18 Jun 2022 11:17

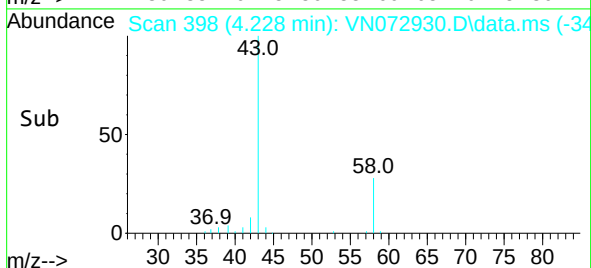
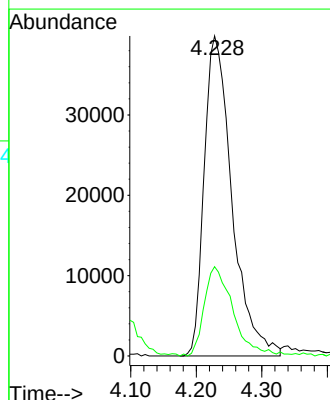
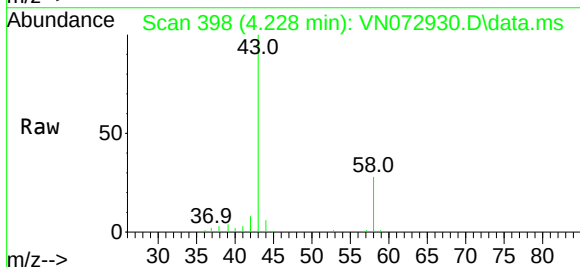
Instrument :  
MSVOA\_N  
ClientSampleId :  
WC-14A-1A-8-GR

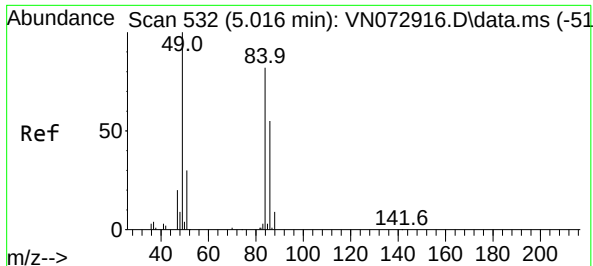
Tgt Ion:168 Resp: 299169  
Ion Ratio Lower Upper  
168 100  
99 55.9 42.3 63.5



#16  
Acetone  
Concen: 52.812 ug/l  
RT: 4.228 min Scan# 398  
Delta R.T. 0.000 min  
Lab File: VN072930.D  
Acq: 18 Jun 2022 11:17

Tgt Ion: 43 Resp: 117418  
Ion Ratio Lower Upper  
43 100  
58 27.9 26.0 39.0

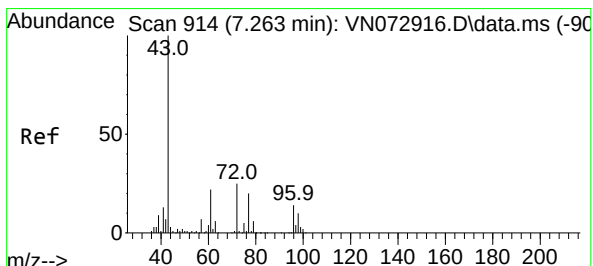
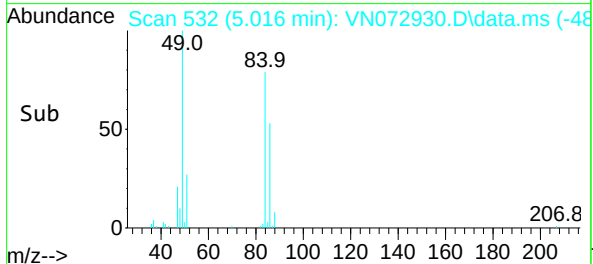
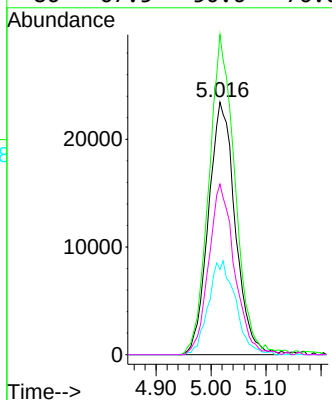
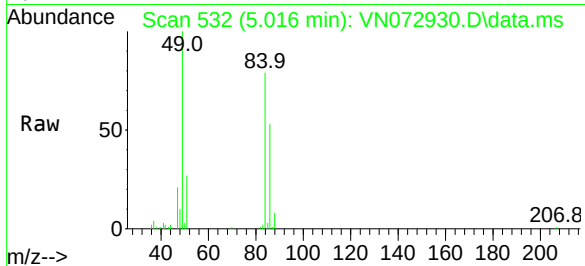




#20  
Methylene Chloride  
Concen: 22.861 ug/l  
RT: 5.016 min Scan# 51  
Delta R.T. 0.000 min  
Lab File: VN072930.D  
Acq: 18 Jun 2022 11:17

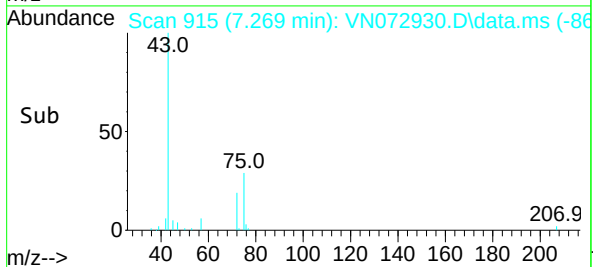
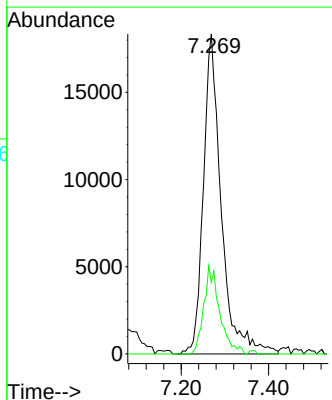
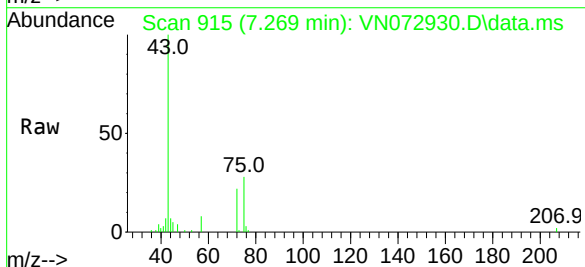
Instrument :  
MSVOA\_N  
ClientSampleId :  
WC-14A-1A-8-GR

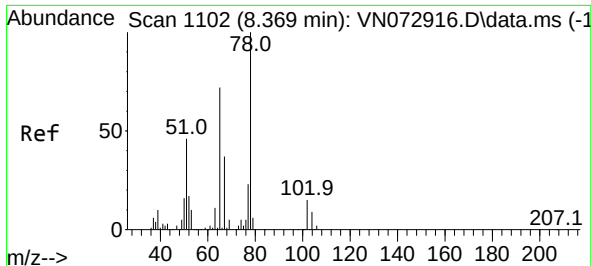
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 84    | Resp: | 79291 |
| Ion      | Ratio | Lower | Upper |
| 84       | 100   |       |       |
| 49       | 126.7 | 88.3  | 132.5 |
| 51       | 33.7  | 28.2  | 42.2  |
| 86       | 67.5  | 50.6  | 76.0  |



#25  
2-Butanone  
Concen: 14.778 ug/l  
RT: 7.269 min Scan# 915  
Delta R.T. 0.006 min  
Lab File: VN072930.D  
Acq: 18 Jun 2022 11:17

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 52137 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 72       | 22.4  | 23.7  | 35.5  |

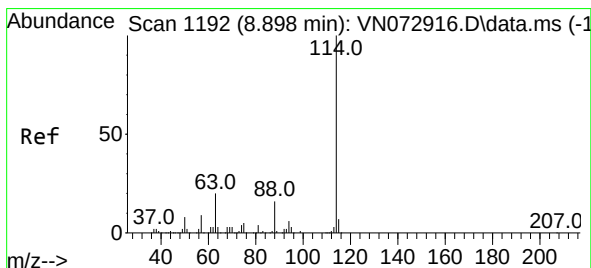
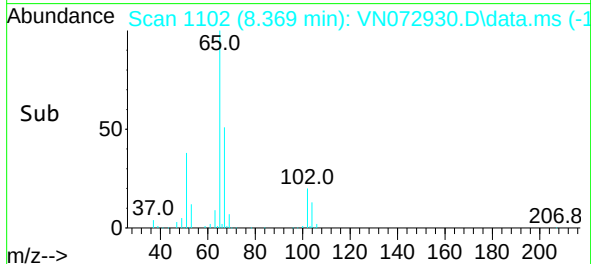
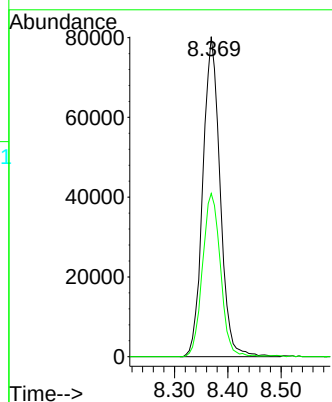
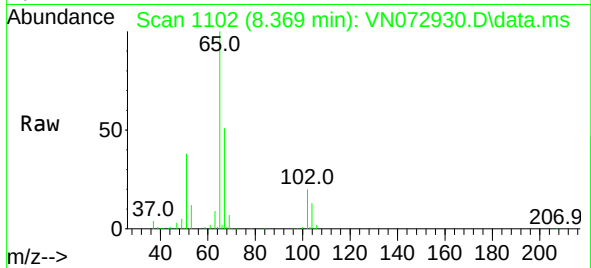




#33  
 1,2-Dichloroethane-d4  
 Concen: 44.651 ug/l  
 RT: 8.369 min Scan# 1102  
 Delta R.T. 0.000 min  
 Lab File: VN072930.D  
 Acq: 18 Jun 2022 11:17

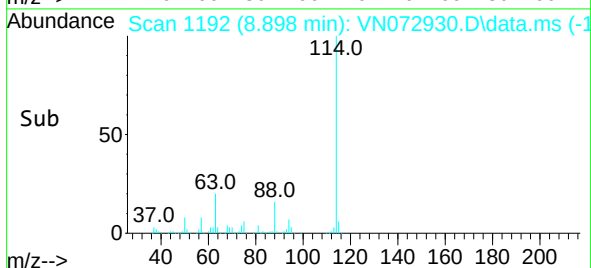
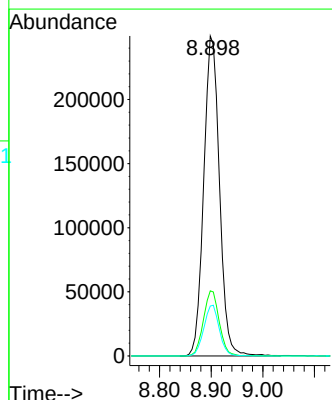
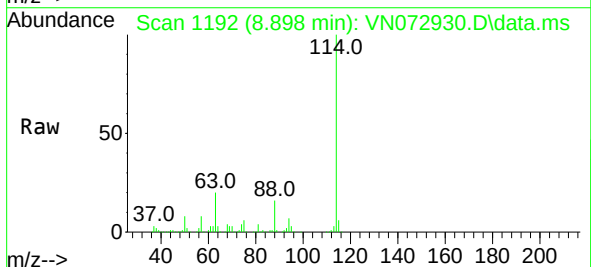
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 WC-14A-1A-8-GR

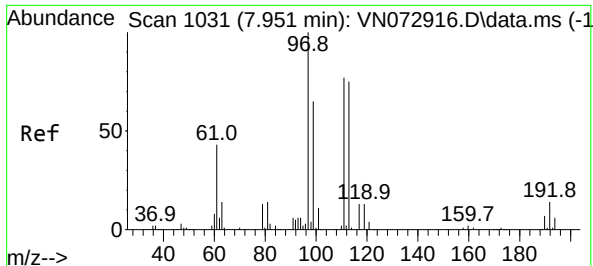
Tgt Ion: 65 Resp: 180599  
 Ion Ratio Lower Upper  
 65 100  
 67 53.1 0.0 104.8



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.898 min Scan# 1192  
 Delta R.T. 0.000 min  
 Lab File: VN072930.D  
 Acq: 18 Jun 2022 11:17

Tgt Ion: 114 Resp: 527318  
 Ion Ratio Lower Upper  
 114 100  
 63 20.3 0.0 40.0  
 88 15.6 0.0 32.6





#35

Dibromofluoromethane

Concen: 44.324 ug/l

RT: 7.951 min Scan# 1103

Delta R.T. 0.000 min

Lab File: VN072930.D

Acq: 18 Jun 2022 11:17

Instrument :

MSVOA\_N

ClientSampleId :

WC-14A-1A-8-GR

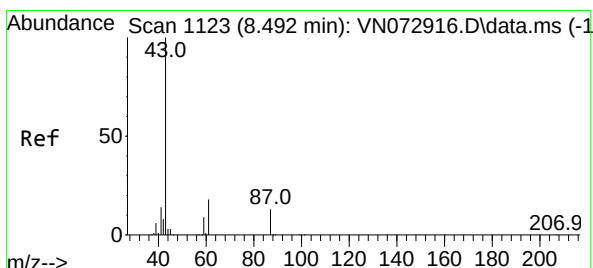
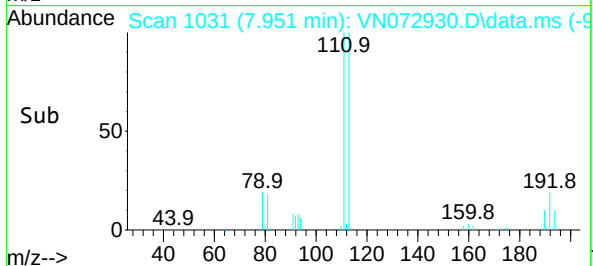
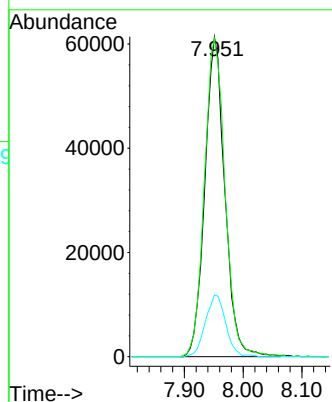
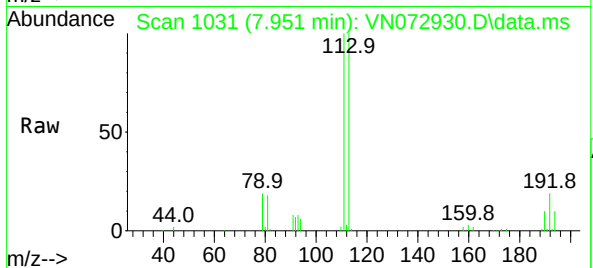
Tgt Ion:113 Resp: 144465

Ion Ratio Lower Upper

113 100

111 103.8 81.4 122.0

192 19.7 17.0 25.6



#43

Isopropyl Acetate

Concen: 4.064 ug/l

RT: 8.492 min Scan# 1123

Delta R.T. 0.000 min

Lab File: VN072930.D

Acq: 18 Jun 2022 11:17

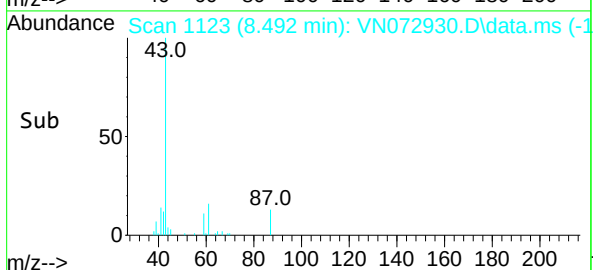
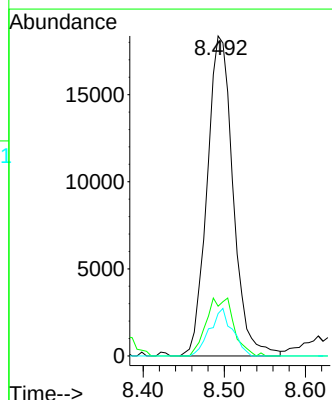
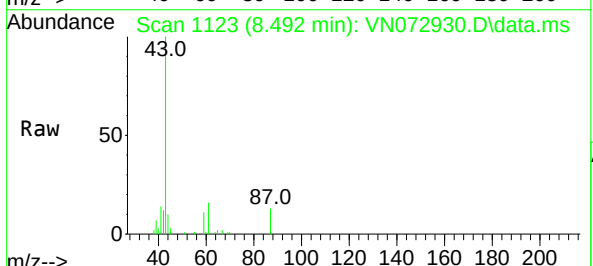
Tgt Ion: 43 Resp: 40978

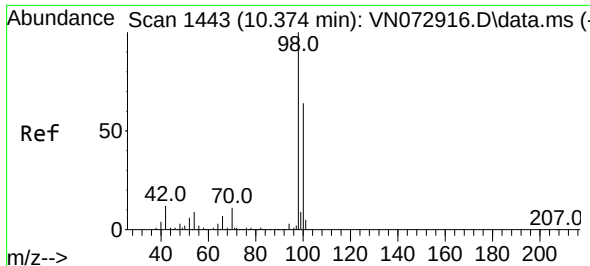
Ion Ratio Lower Upper

43 100

61 19.1 21.9 32.9#

87 12.9 12.0 18.0

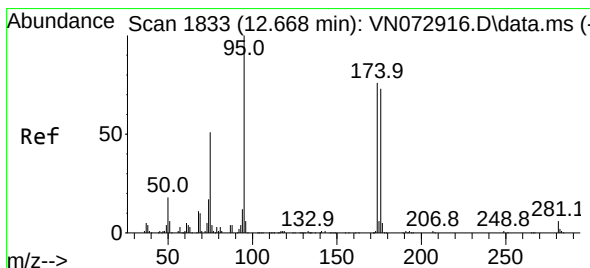
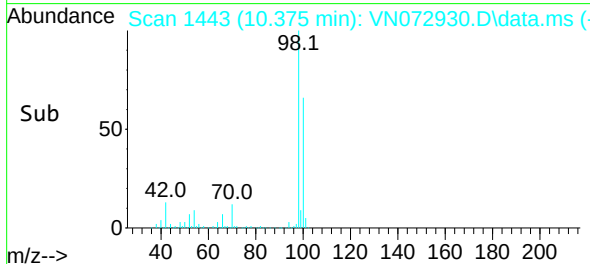
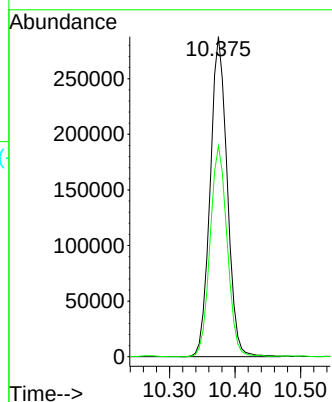
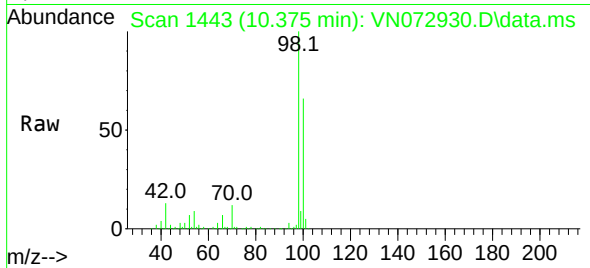




#50  
Toluene-d8  
Concen: 42.811 ug/l  
RT: 10.375 min Scan# 1443  
Delta R.T. 0.000 min  
Lab File: VN072930.D  
Acq: 18 Jun 2022 11:17

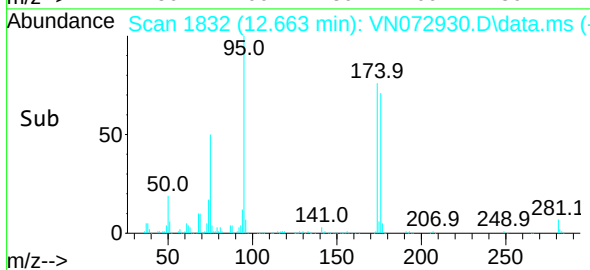
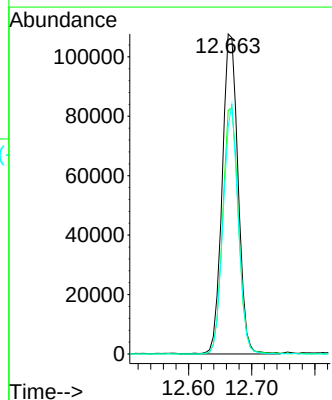
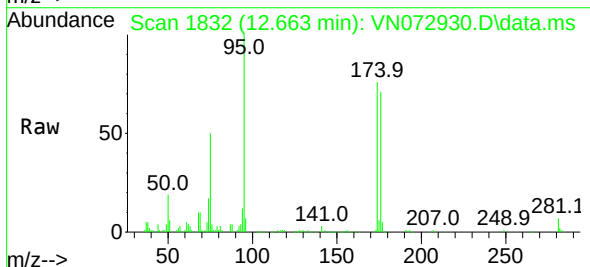
Instrument :  
MSVOA\_N  
ClientSampleId :  
WC-14A-1A-8-GR

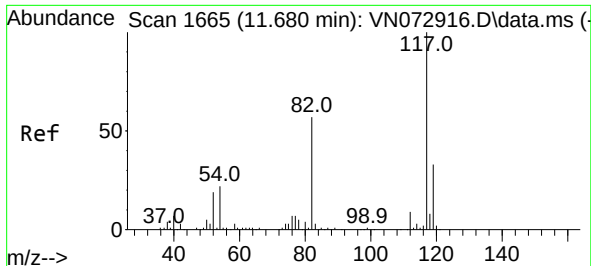
Tgt Ion: 98 Resp: 519212  
Ion Ratio Lower Upper  
98 100  
100 66.0 52.6 78.8



#62  
4-Bromofluorobenzene  
Concen: 43.188 ug/l  
RT: 12.663 min Scan# 1832  
Delta R.T. -0.006 min  
Lab File: VN072930.D  
Acq: 18 Jun 2022 11:17

Tgt Ion: 95 Resp: 188344  
Ion Ratio Lower Upper  
95 100  
174 76.3 0.0 167.6  
176 73.9 0.0 163.4

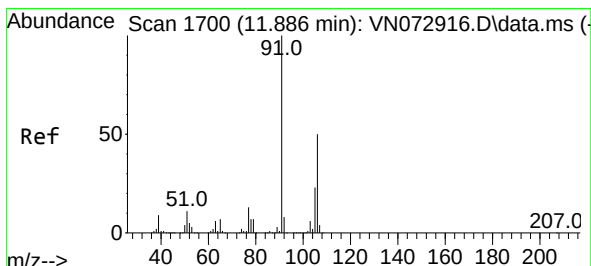
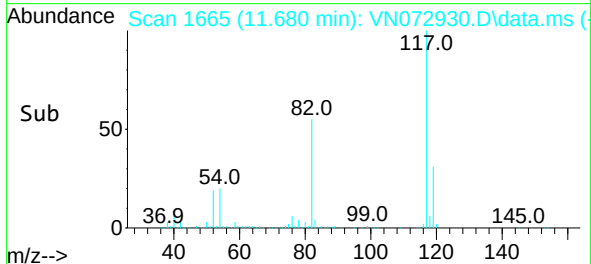
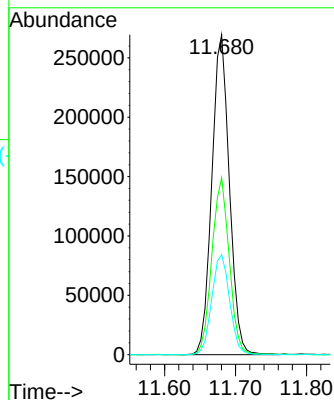
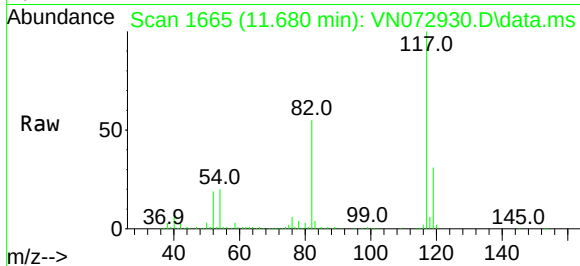




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.680 min Scan# 1165  
Delta R.T. 0.000 min  
Lab File: VN072930.D  
Acq: 18 Jun 2022 11:17

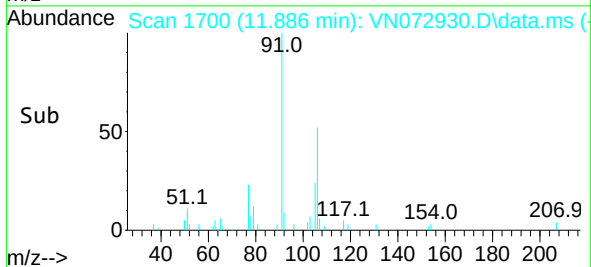
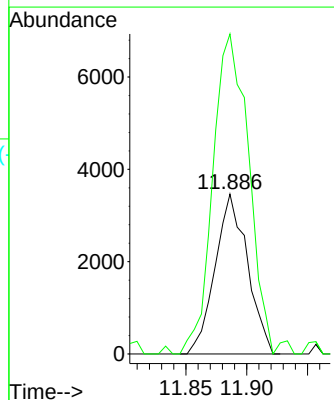
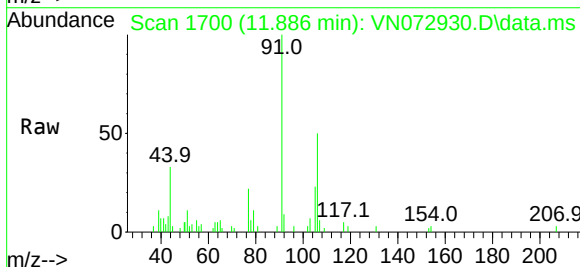
Instrument :  
MSVOA\_N  
ClientSampleId :  
WC-14A-1A-8-GR

Tgt Ion:117 Resp: 462083  
Ion Ratio Lower Upper  
117 100  
82 55.3 44.2 66.2  
119 31.2 25.4 38.0

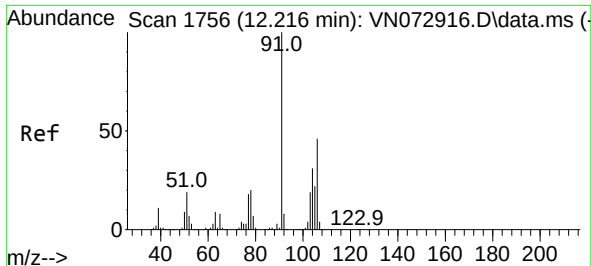


#68  
m/p-Xylenes  
Concen: 1.027 ug/l  
RT: 11.886 min Scan# 1700  
Delta R.T. 0.000 min  
Lab File: VN072930.D  
Acq: 18 Jun 2022 11:17

Tgt Ion:106 Resp: 6396  
Ion Ratio Lower Upper  
106 100  
91 223.6 158.9 238.3



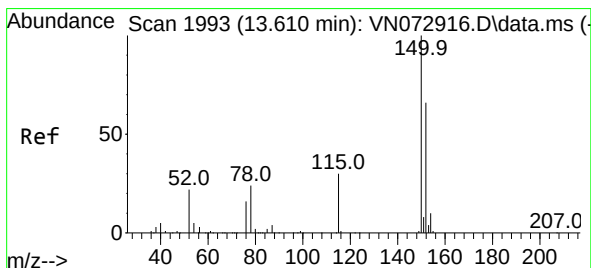
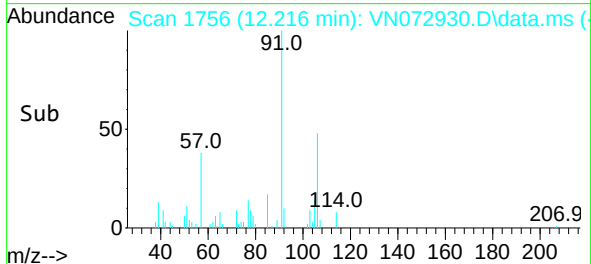
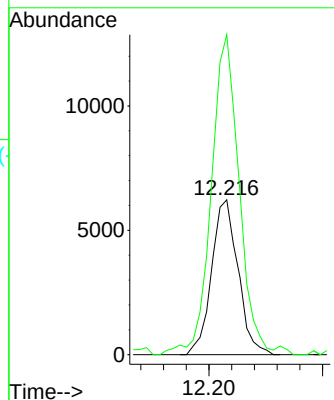
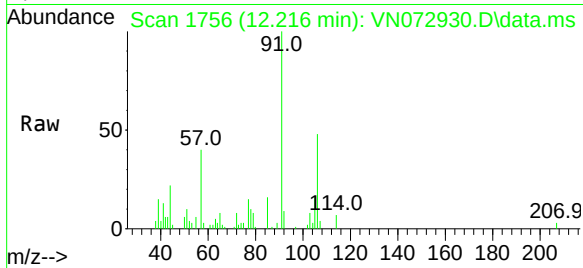




#69  
o-Xylene  
Concen: 1.619 ug/l  
RT: 12.216 min Scan# 1756  
Delta R.T. 0.000 min  
Lab File: VN072930.D  
Acq: 18 Jun 2022 11:17

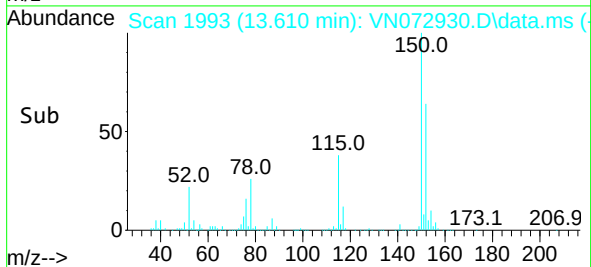
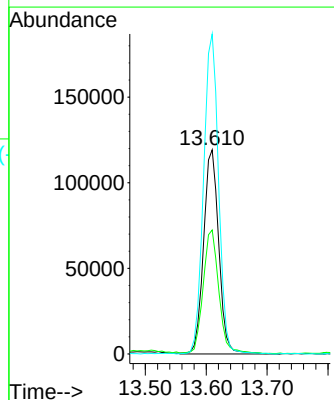
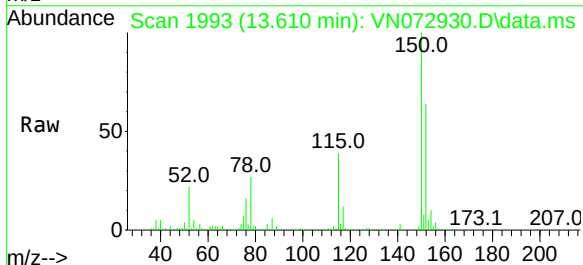
Instrument :  
MSVOA\_N  
ClientSampleId :  
WC-14A-1A-8-GR

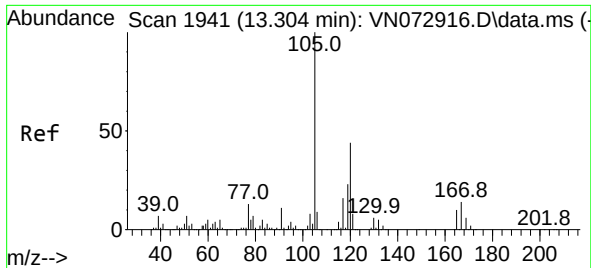
Tgt Ion:106 Resp: 10080  
Ion Ratio Lower Upper  
106 100  
91 218.4 106.0 318.0



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.610 min Scan# 1993  
Delta R.T. 0.000 min  
Lab File: VN072930.D  
Acq: 18 Jun 2022 11:17

Tgt Ion:152 Resp: 207002  
Ion Ratio Lower Upper  
152 100  
115 62.0 28.9 86.7  
150 154.3 0.0 356.2





#84  
 1,2,4-Trimethylbenzene  
 Concen: 1.989 ug/l  
 RT: 13.304 min Scan# 1941  
 Delta R.T. 0.000 min  
 Lab File: VN072930.D  
 Acq: 18 Jun 2022 11:17

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 WC-14A-1A-8-GR

Tgt Ion:105 Resp: 26063  
 Ion Ratio Lower Upper  
 105 100  
 120 41.0 23.3 69.8

