

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN070522\  
 Data File : VN073322.D  
 Acq On : 05 Jul 2022 18:01  
 Operator : JC\MD  
 Sample : N3564-12  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 WC-14B-11-3

Quant Time: Jul 06 01:16:10 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N062822W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Jun 29 01:54:03 2022  
 Response via : Initial Calibration

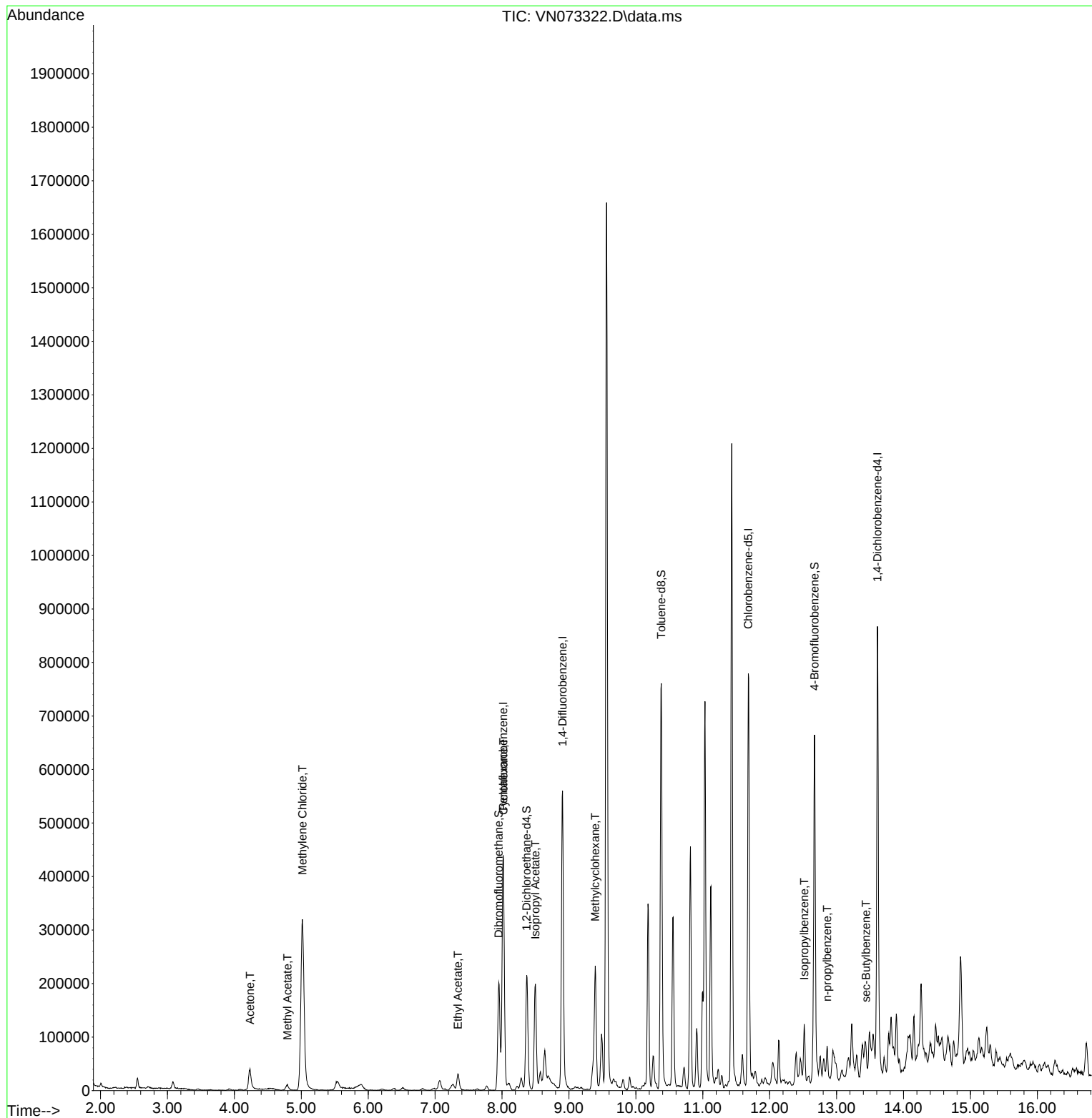
| Compound                    | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|--------|----------|
| -----                       |        |       |          |          |        |          |
| Internal Standards          |        |       |          |          |        |          |
| 1) Pentafluorobenzene       | 8.016  | 168   | 282145   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.904  | 114   | 481765   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 11.680 | 117   | 435766   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.610 | 152   | 207381   | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 8.369  | 65    | 177037   | 43.465   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | =      | 86.940%  |
| 35) Dibromofluoromethane    | 7.951  | 113   | 151378   | 47.228   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =      | 94.460%  |
| 50) Toluene-d8              | 10.381 | 98    | 500559   | 43.971   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | =      | 87.940%  |
| 62) 4-Bromofluorobenzene    | 12.669 | 95    | 219726   | 50.225   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =      | 100.460% |
| Target Compounds            |        |       |          |          |        |          |
|                             |        |       |          |          | Qvalue |          |
| 16) Acetone                 | 4.234  | 43    | 73273    | 32.049   | ug/l   | 93       |
| 18) Methyl Acetate          | 4.793  | 43    | 20666    | 3.226    | ug/l # | 84       |
| 20) Methylene Chloride      | 5.016  | 84    | 256048   | 63.726   | ug/l   | 92       |
| 31) Cyclohexane             | 8.022  | 56    | 48041    | 7.202    | ug/l # | 93       |
| 37) Ethyl Acetate           | 7.340  | 43    | 50336    | 6.755    | ug/l   | 95       |
| 39) Methylcyclohexane       | 9.392  | 83    | 97170    | 15.825   | ug/l   | 92       |
| 43) Isopropyl Acetate       | 8.498  | 43    | 203674   | 19.017   | ug/l # | 86       |
| 73) Isopropylbenzene        | 12.516 | 105   | 61236    | 3.419    | ug/l   | 99       |
| 78) n-propylbenzene         | 12.857 | 91    | 52120    | 2.620    | ug/l   | 98       |
| 85) sec-Butylbenzene        | 13.439 | 105   | 19457    | 1.107    | ug/l   | 84       |
| -----                       |        |       |          |          |        |          |

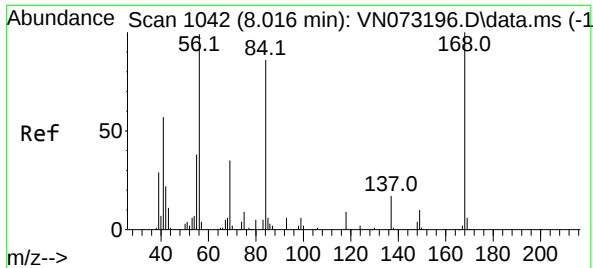
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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WC-14B-11-3

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QLast Update : Wed Jun 29 01:54:03 2022  
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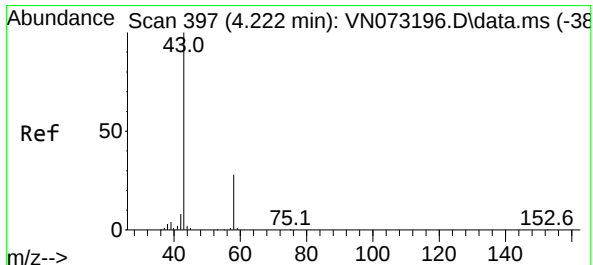
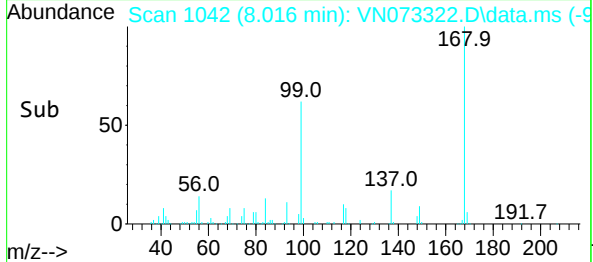
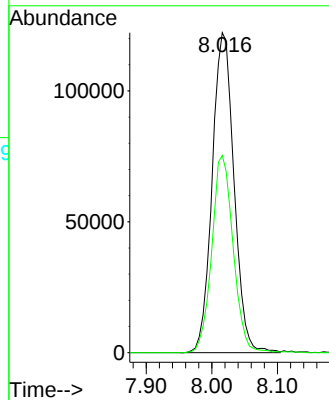
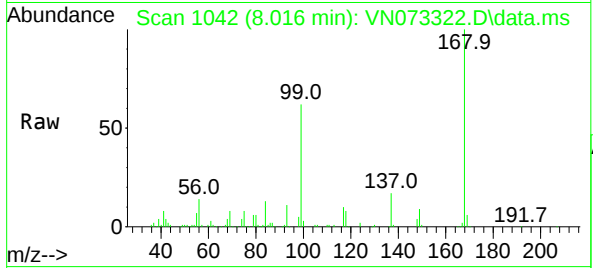




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.016 min Scan# 1042  
Delta R.T. -0.000 min  
Lab File: VN073322.D  
Acq: 05 Jul 2022 18:01

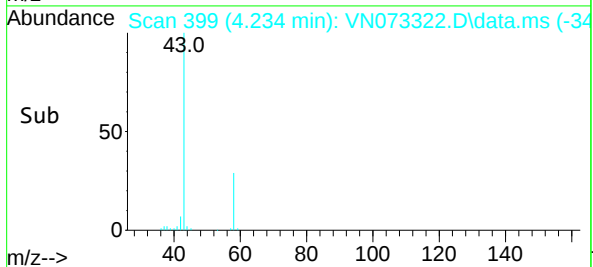
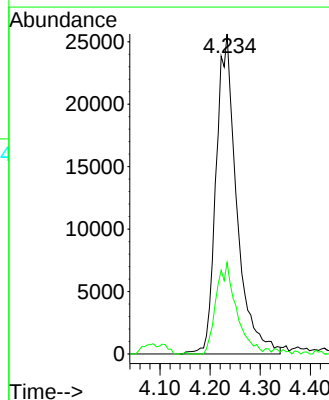
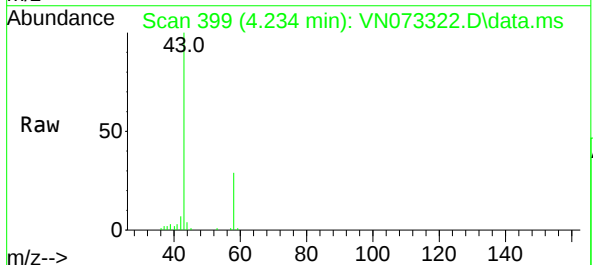
Instrument :  
MSVOA\_N  
ClientSampleId :  
WC-14B-11-3

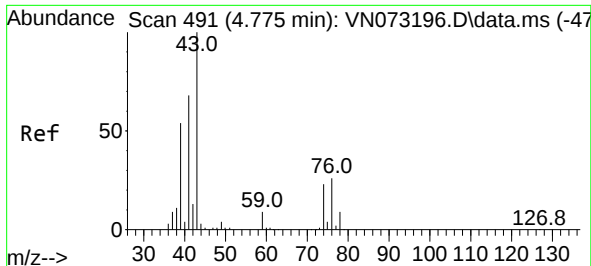
Tgt Ion:168 Resp: 282145  
Ion Ratio Lower Upper  
168 100  
99 61.6 42.3 63.5



#16  
Acetone  
Concen: 32.049 ug/l  
RT: 4.234 min Scan# 399  
Delta R.T. 0.012 min  
Lab File: VN073322.D  
Acq: 05 Jul 2022 18:01

Tgt Ion: 43 Resp: 73273  
Ion Ratio Lower Upper  
43 100  
58 28.6 26.0 39.0

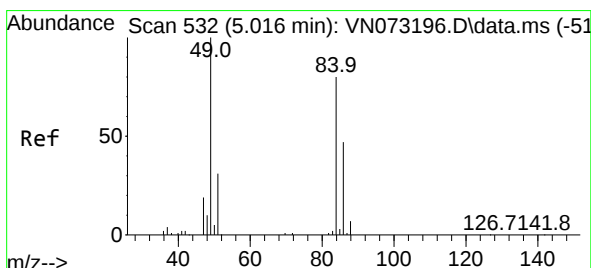
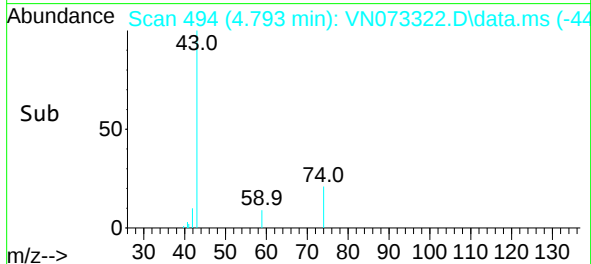
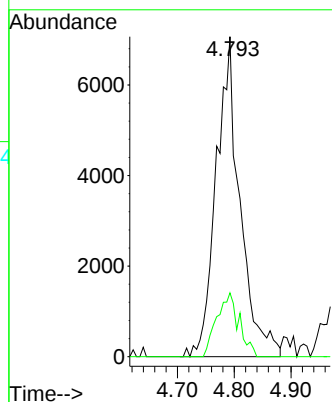
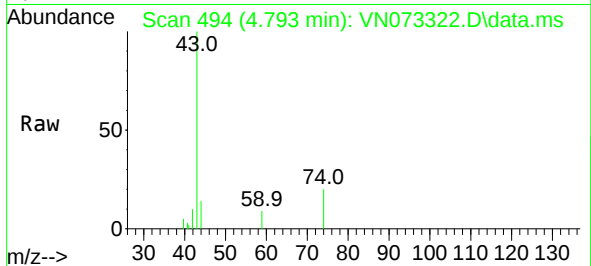




#18  
Methyl Acetate  
Concen: 3.226 ug/l  
RT: 4.793 min Scan# 491  
Delta R.T. 0.018 min  
Lab File: VN073322.D  
Acq: 05 Jul 2022 18:01

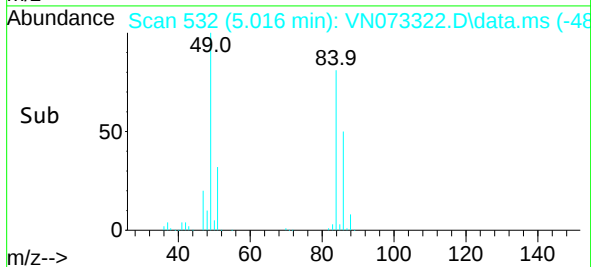
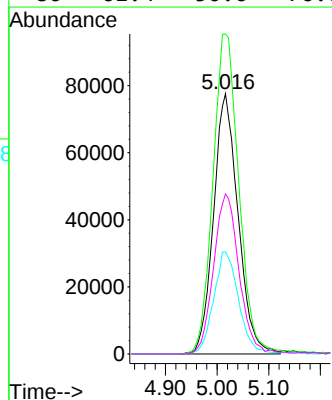
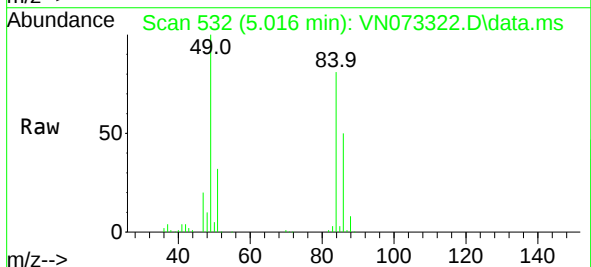
Instrument :  
MSVOA\_N  
ClientSampleId :  
WC-14B-11-3

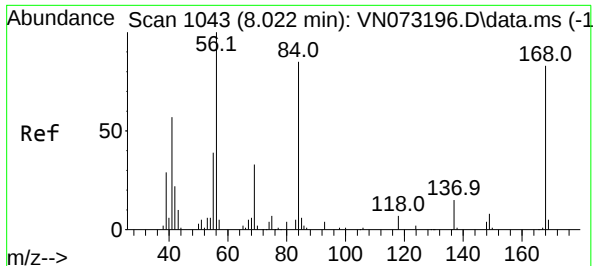
Tgt Ion: 43 Resp: 20666  
Ion Ratio Lower Upper  
43 100  
74 18.5 21.6 32.4#



#20  
Methylene Chloride  
Concen: 63.726 ug/l  
RT: 5.016 min Scan# 532  
Delta R.T. 0.000 min  
Lab File: VN073322.D  
Acq: 05 Jul 2022 18:01

Tgt Ion: 84 Resp: 256048  
Ion Ratio Lower Upper  
84 100  
49 122.9 88.3 132.5  
51 39.2 28.2 42.2  
86 61.4 50.6 76.0

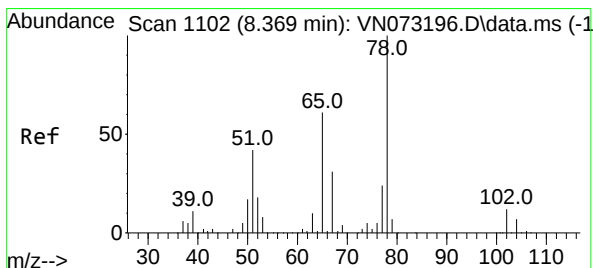
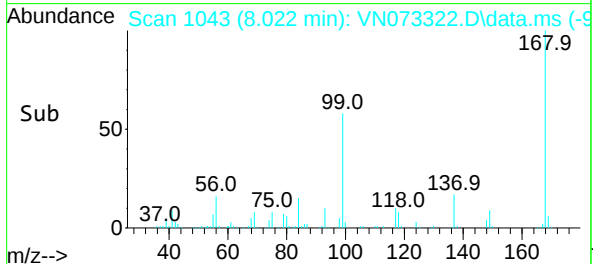
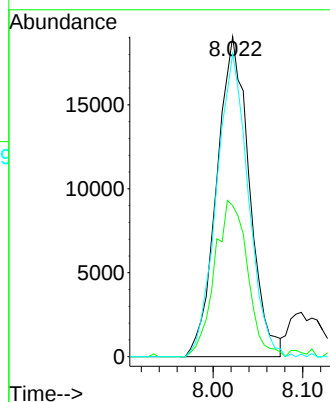
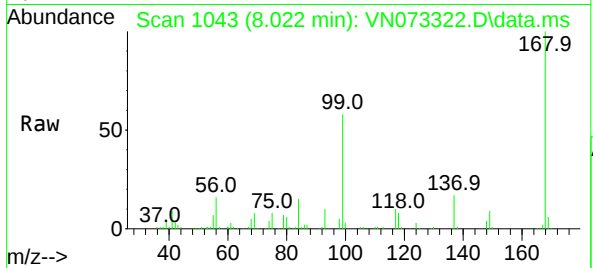




#31  
Cyclohexane  
Concen: 7.202 ug/l  
RT: 8.022 min Scan# 1043  
Delta R.T. -0.000 min  
Lab File: VN073322.D  
Acq: 05 Jul 2022 18:01

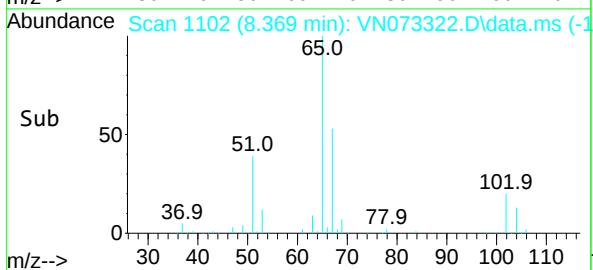
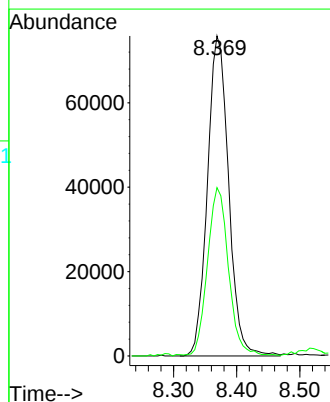
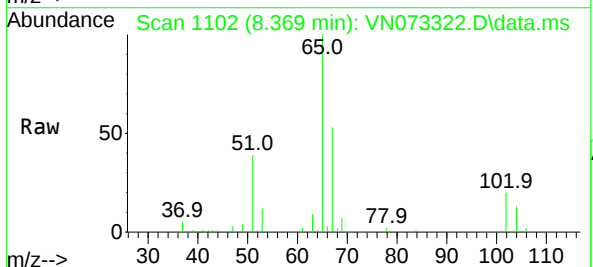
Instrument :  
MSVOA\_N  
ClientSampleId :  
WC-14B-11-3

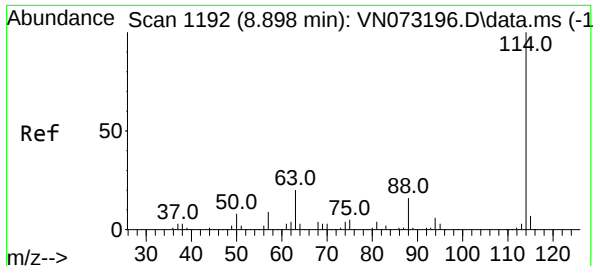
Tgt Ion: 56 Resp: 48041  
Ion Ratio Lower Upper  
56 100  
69 47.2 27.8 41.8#  
84 94.7 76.9 115.3



#33  
1,2-Dichloroethane-d4  
Concen: 43.465 ug/l  
RT: 8.369 min Scan# 1102  
Delta R.T. -0.000 min  
Lab File: VN073322.D  
Acq: 05 Jul 2022 18:01

Tgt Ion: 65 Resp: 177037  
Ion Ratio Lower Upper  
65 100  
67 52.5 0.0 104.8

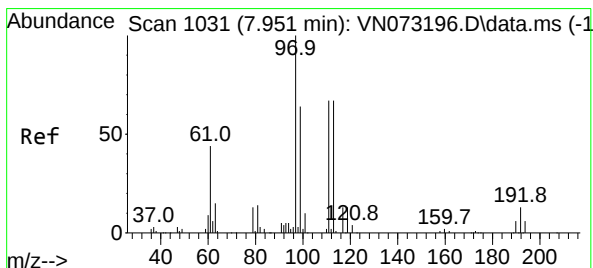
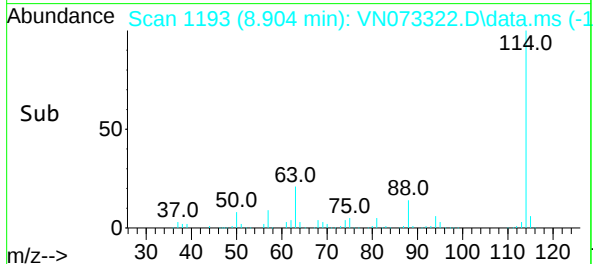
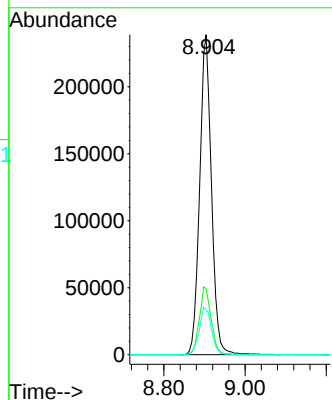
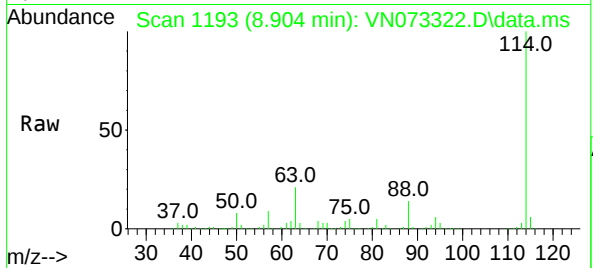




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 8.904 min Scan# 1193  
Delta R.T. 0.006 min  
Lab File: VN073322.D  
Acq: 05 Jul 2022 18:01

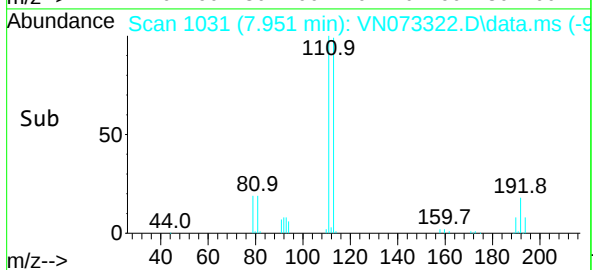
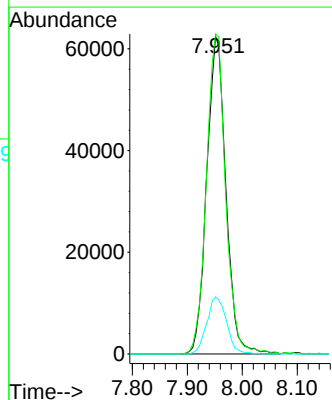
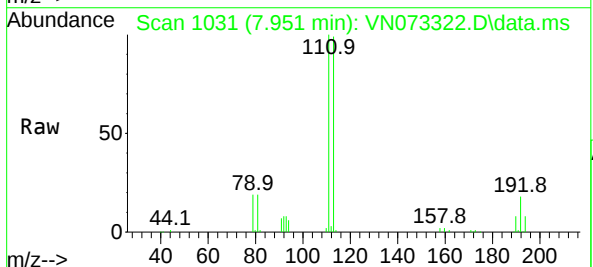
Instrument :  
MSVOA\_N  
ClientSampleId :  
WC-14B-11-3

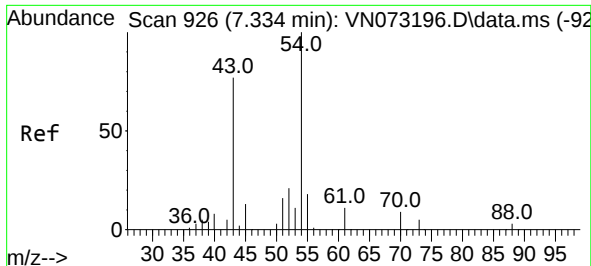
Tgt Ion:114 Resp: 481765  
Ion Ratio Lower Upper  
114 100  
63 20.6 0.0 40.0  
88 14.0 0.0 32.6



#35  
Dibromofluoromethane  
Concen: 47.228 ug/l  
RT: 7.951 min Scan# 1031  
Delta R.T. 0.000 min  
Lab File: VN073322.D  
Acq: 05 Jul 2022 18:01

Tgt Ion:113 Resp: 151378  
Ion Ratio Lower Upper  
113 100  
111 101.3 81.4 122.0  
192 18.5 17.0 25.6

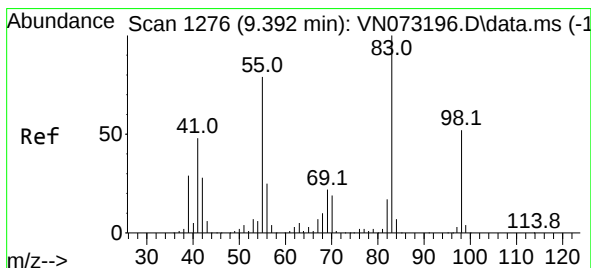
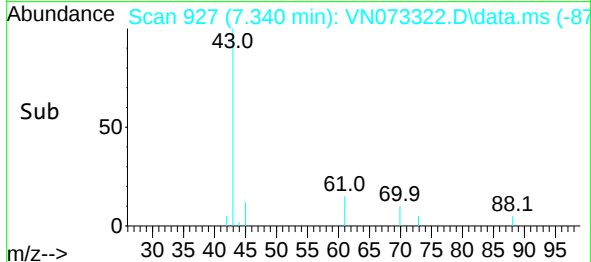
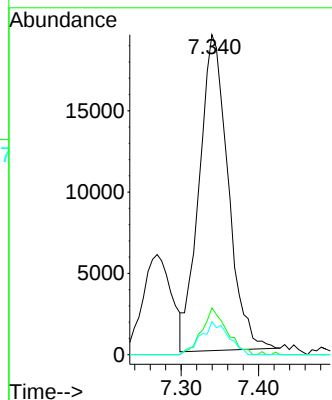
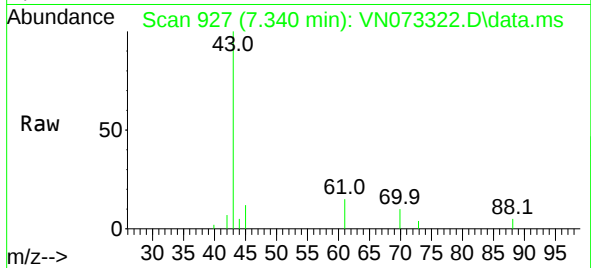




#37  
Ethyl Acetate  
Concen: 6.755 ug/l  
RT: 7.340 min Scan# 91  
Delta R.T. 0.006 min  
Lab File: VN073322.D  
Acq: 05 Jul 2022 18:01

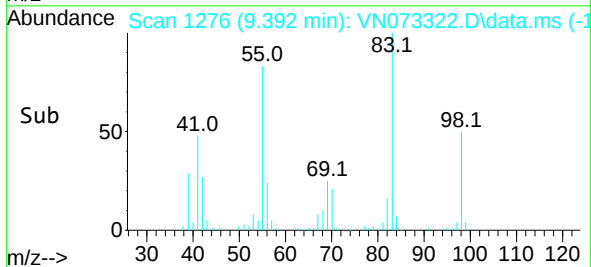
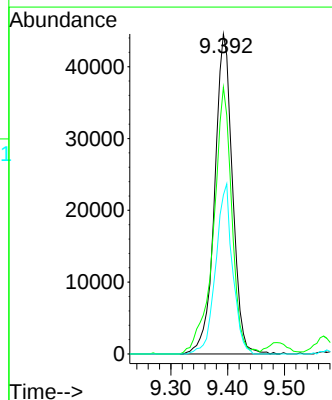
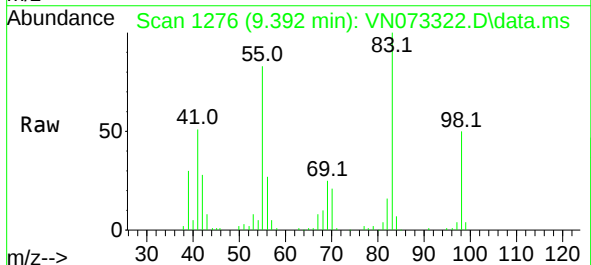
Instrument :  
MSVOA\_N  
ClientSampleId :  
WC-14B-11-3

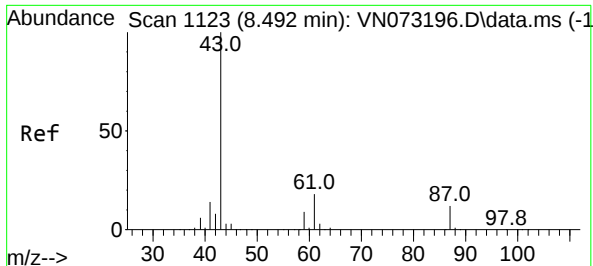
|             |             |
|-------------|-------------|
| Tgt Ion: 43 | Resp: 50336 |
| Ion Ratio   | Lower Upper |
| 43 100      |             |
| 61 12.8     | 11.8 17.6   |
| 70 9.9      | 9.3 13.9    |



#39  
Methylcyclohexane  
Concen: 15.825 ug/l  
RT: 9.392 min Scan# 1276  
Delta R.T. 0.000 min  
Lab File: VN073322.D  
Acq: 05 Jul 2022 18:01

|             |             |
|-------------|-------------|
| Tgt Ion: 83 | Resp: 97170 |
| Ion Ratio   | Lower Upper |
| 83 100      |             |
| 55 83.4     | 57.8 86.8   |
| 98 49.7     | 39.4 59.2   |





#43

Isopropyl Acetate

Concen: 19.017 ug/l

RT: 8.498 min Scan# 1123

Delta R.T. 0.006 min

Lab File: VN073322.D

Acq: 05 Jul 2022 18:01

Instrument :

MSVOA\_N

ClientSampleId :

WC-14B-11-3

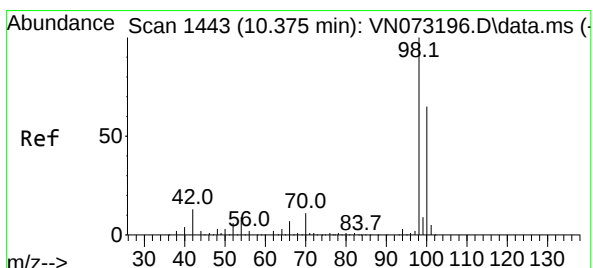
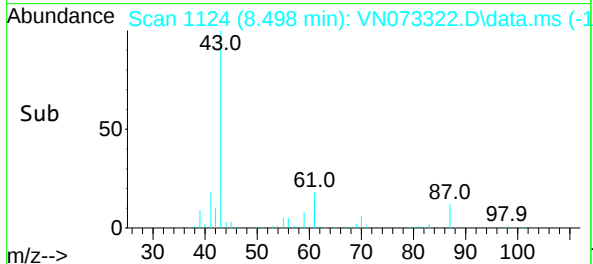
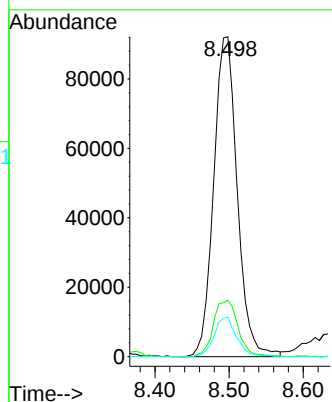
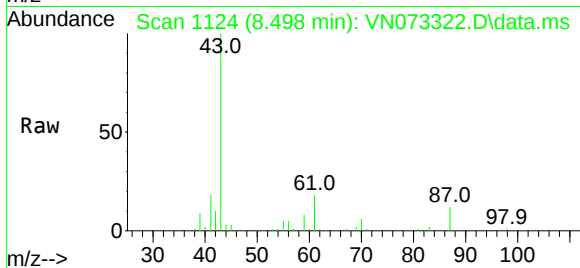
Tgt Ion: 43 Resp: 203674

Ion Ratio Lower Upper

43 100

61 18.5 21.9 32.9#

87 11.8 12.0 18.0#



#50

Toluene-d8

Concen: 43.971 ug/l

RT: 10.381 min Scan# 1444

Delta R.T. 0.005 min

Lab File: VN073322.D

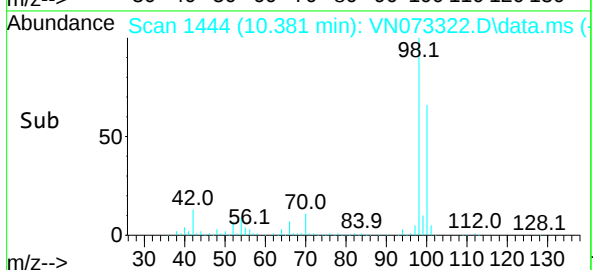
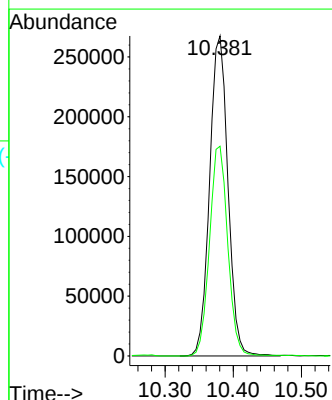
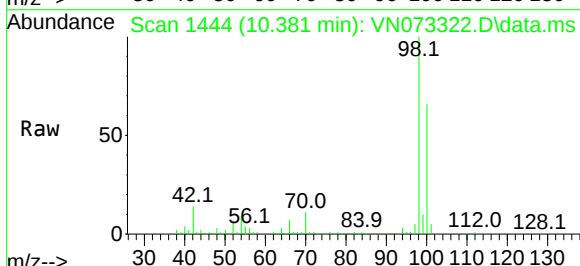
Acq: 05 Jul 2022 18:01

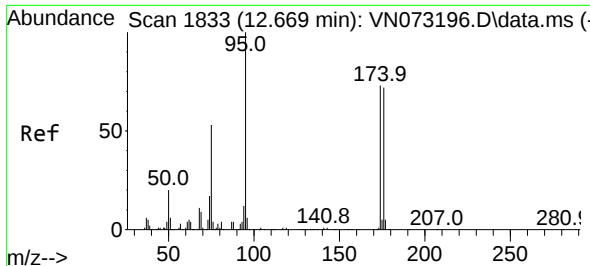
Tgt Ion: 98 Resp: 500559

Ion Ratio Lower Upper

98 100

100 65.3 52.6 78.8

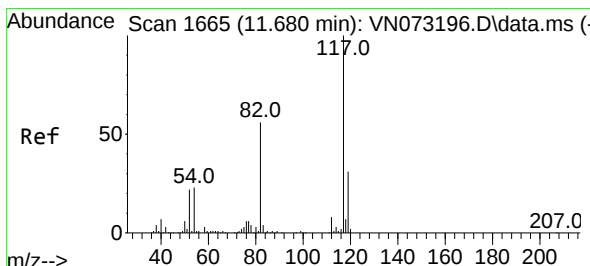
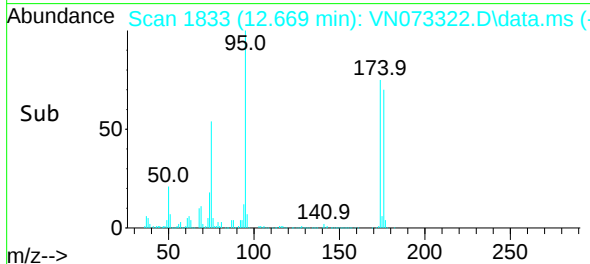
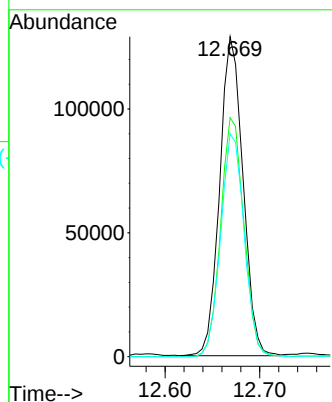
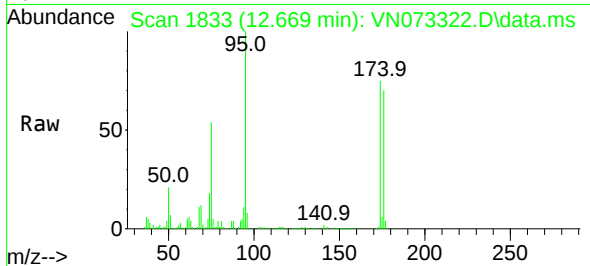




#62  
4-Bromofluorobenzene  
Concen: 50.225 ug/l  
RT: 12.669 min Scan# 1833  
Delta R.T. -0.000 min  
Lab File: VN073322.D  
Acq: 05 Jul 2022 18:01

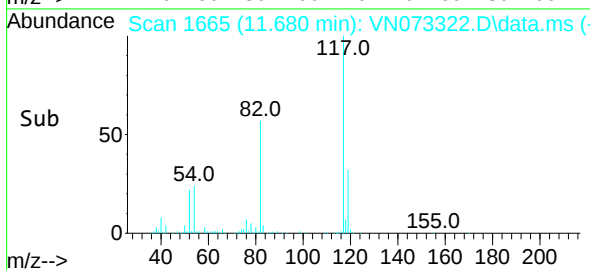
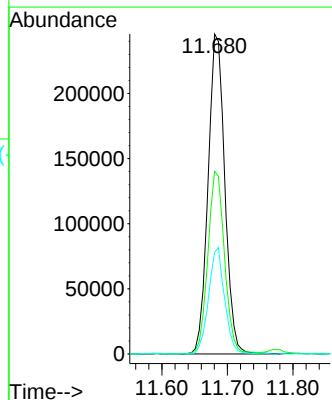
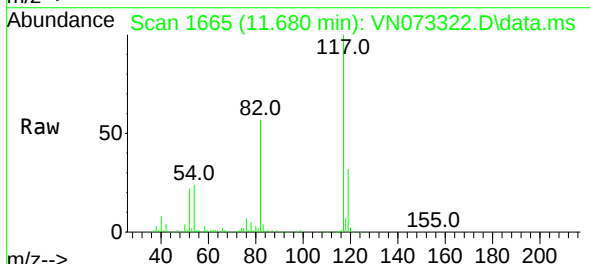
Instrument :  
MSVOA\_N  
ClientSampleId :  
WC-14B-11-3

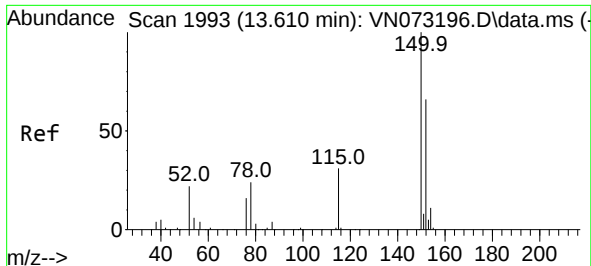
Tgt Ion: 95 Resp: 219726  
Ion Ratio Lower Upper  
95 100  
174 75.1 0.0 167.6  
176 70.7 0.0 163.4



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.680 min Scan# 1665  
Delta R.T. 0.000 min  
Lab File: VN073322.D  
Acq: 05 Jul 2022 18:01

Tgt Ion: 117 Resp: 435766  
Ion Ratio Lower Upper  
117 100  
82 57.0 44.2 66.2  
119 31.8 25.4 38.0

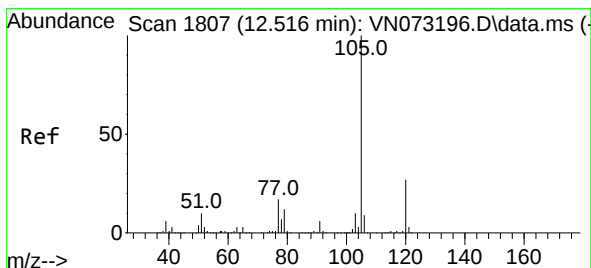
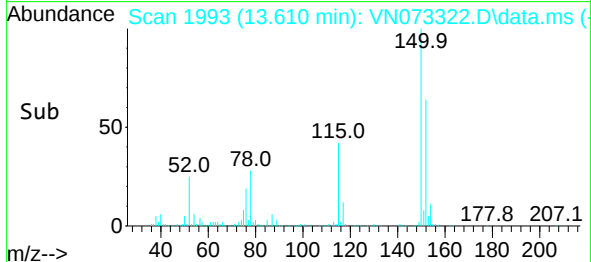
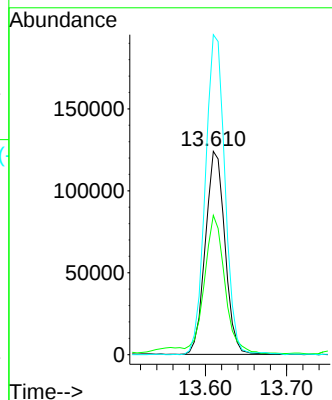
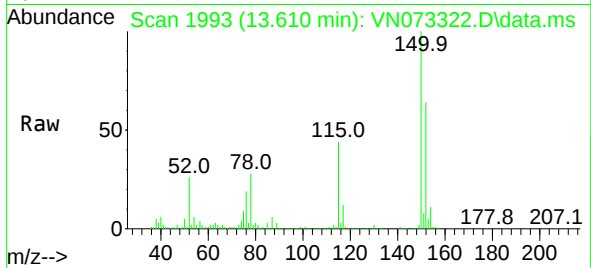




#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.610 min Scan# 1993  
Delta R.T. -0.000 min  
Lab File: VN073322.D  
Acq: 05 Jul 2022 18:01

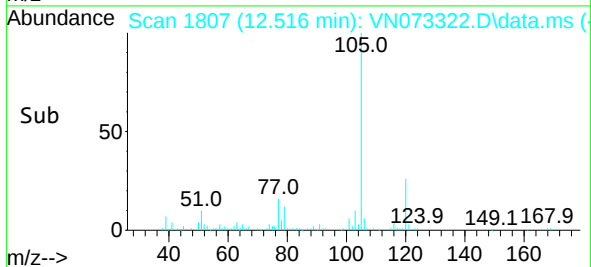
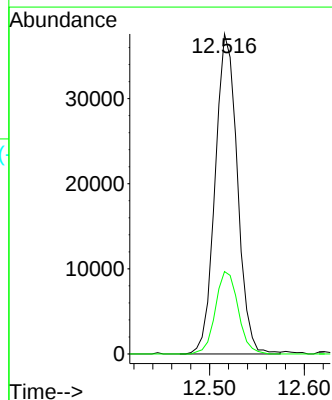
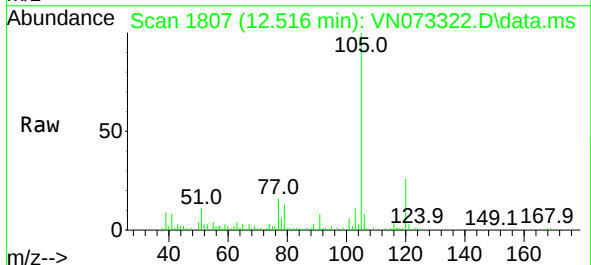
Instrument :  
MSVOA\_N  
ClientSampleId :  
WC-14B-11-3

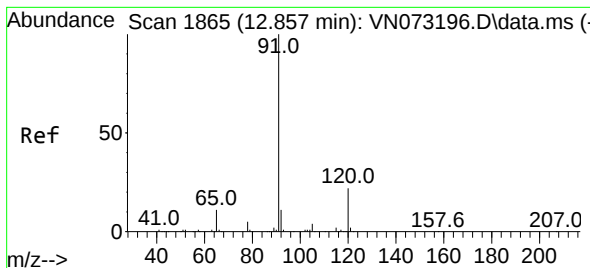
Tgt Ion:152 Resp: 207381  
Ion Ratio Lower Upper  
152 100  
115 70.9 28.9 86.7  
150 158.3 0.0 356.2



#73  
Isopropylbenzene  
Concen: 3.419 ug/l  
RT: 12.516 min Scan# 1807  
Delta R.T. -0.000 min  
Lab File: VN073322.D  
Acq: 05 Jul 2022 18:01

Tgt Ion:105 Resp: 61236  
Ion Ratio Lower Upper  
105 100  
120 26.3 13.5 40.4





#78

n-propylbenzene

Concen: 2.620 ug/l

RT: 12.857 min Scan# 1865

Delta R.T. -0.000 min

Lab File: VN073322.D

Acq: 05 Jul 2022 18:01

Instrument :

MSVOA\_N

ClientSampleId :

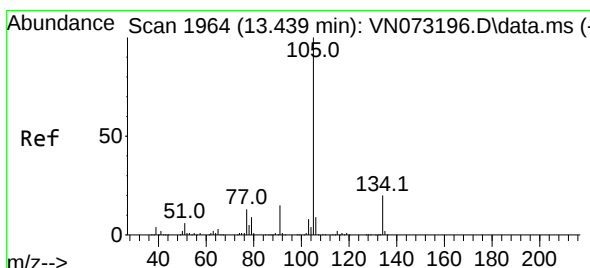
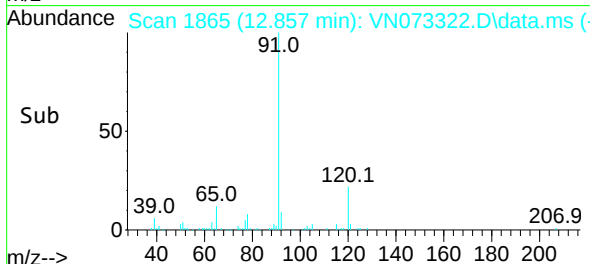
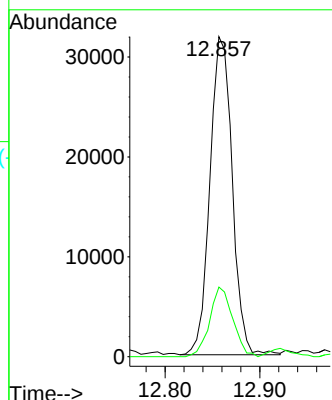
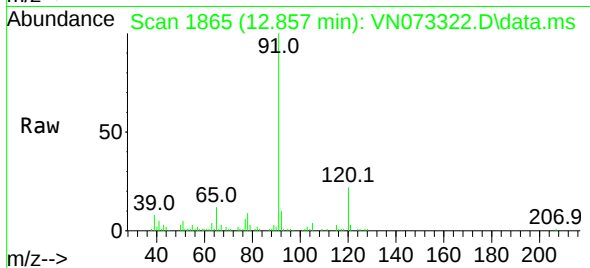
WC-14B-11-3

Tgt Ion: 91 Resp: 52120

Ion Ratio Lower Upper

91 100

120 22.6 11.9 35.5



#85

sec-Butylbenzene

Concen: 1.107 ug/l

RT: 13.439 min Scan# 1964

Delta R.T. 0.000 min

Lab File: VN073322.D

Acq: 05 Jul 2022 18:01

Tgt Ion:105 Resp: 19457

Ion Ratio Lower Upper

105 100

134 28.0 10.4 31.1

