

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN070622\  
 Data File : VN073347.D  
 Acq On : 06 Jul 2022 16:00  
 Operator : JC\MD  
 Sample : N3564-31  
 Misc : 4.97g/5mL/100uL/5.00mL/MSVOA\_N/MEOH  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 WC-16-2-3

Quant Time: Jul 07 04:23:45 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         | 8.010  | 168   | 290603   | 50.000   | ug/l   | 0.00      |
| 34) 1,4-Difluorobenzene       | 8.898  | 114   | 481421   | 50.000   | ug/l   | 0.00      |
| 63) Chlorobenzene-d5          | 11.686 | 117   | 480875   | 50.000   | ug/l   | 0.00      |
| 72) 1,4-Dichlorobenzene-d4    | 13.615 | 152   | 278467   | 50.000   | ug/l   | 0.00      |
| System Monitoring Compounds   |        |       |          |          |        |           |
| 33) 1,2-Dichloroethane-d4     | 8.363  | 65    | 178724   | 42.602   | ug/l   | 0.00      |
| Spiked Amount                 | 50.000 | Range | 74 - 125 | Recovery | =      | 85.200%   |
| 35) Dibromofluoromethane      | 7.945  | 113   | 147268   | 45.979   | ug/l   | 0.00      |
| Spiked Amount                 | 50.000 | Range | 75 - 124 | Recovery | =      | 91.960%   |
| 50) Toluene-d8                | 10.374 | 98    | 550402   | 48.383   | ug/l   | 0.00      |
| Spiked Amount                 | 50.000 | Range | 86 - 113 | Recovery | =      | 96.760%   |
| 62) 4-Bromofluorobenzene      | 12.668 | 95    | 273167   | 62.485   | ug/l   | 0.00      |
| Spiked Amount                 | 50.000 | Range | 83 - 123 | Recovery | =      | 124.980%# |
| Target Compounds              |        |       |          |          |        |           |
|                               |        |       |          |          | Qvalue |           |
| 6) Chloroethane               | 2.957  | 64    | 558      | 0.271    | ug/l # | 17        |
| 10) Methyl Iodide             | 4.281  | 142   | 111      | 3.758    | ug/l # | 44        |
| 11) Tert butyl alcohol        | 5.204  | 59    | 8202     | 8.071    | ug/l # | 72        |
| 16) Acetone                   | 4.251  | 43    | 6381     | 2.710    | ug/l # | 76        |
| 17) Carbon Disulfide          | 4.387  | 76    | 5291     | 0.596    | ug/l # | 92        |
| 18) Methyl Acetate            | 4.775  | 43    | 54216    | 8.216    | ug/l   | 91        |
| 25) 2-Butanone                | 7.281  | 43    | 49452    | 13.190   | ug/l # | 85        |
| 29) Tetrahydrofuran           | 7.639  | 42    | 813      | 0.317    | ug/l # | 34        |
| 31) Cyclohexane               | 8.004  | 56    | 18471    | 2.688    | ug/l # | 74        |
| 36) 1,1-Dichloropropene       | 8.004  | 75    | 23825    | 4.834    | ug/l # | 43        |
| 37) Ethyl Acetate             | 7.281  | 43    | 49452    | 6.641    | ug/l # | 67        |
| 38) Carbon Tetrachloride      | 8.004  | 117   | 29127    | 5.715    | ug/l # | 17        |
| 39) Methylcyclohexane         | 9.386  | 83    | 176770   | 28.810   | ug/l   | 94        |
| 40) Benzene                   | 8.375  | 78    | 5236     | 0.344    | ug/l # | 89        |
| 43) Isopropyl Acetate         | 8.480  | 43    | 4718     | 0.441    | ug/l # | 53        |
| 45) 1,2-Dichloropropane       | 9.380  | 63    | 1167     | 0.301    | ug/l # | 1         |
| 47) Bromodichloromethane      | 9.727  | 83    | 1845     | 0.362    | ug/l # | 48        |
| 48) Methyl methacrylate       | 9.574  | 41    | 12175    | 2.457    | ug/l # | 76        |
| 51) 4-Methyl-2-Pentanone      | 10.369 | 43    | 13987    | 2.061    | ug/l   | 91        |
| 52) Toluene                   | 10.439 | 92    | 38216    | 4.066    | ug/l   | 95        |
| 55) 1,1,2-Trichloroethane     | 10.810 | 97    | 53074    | 13.715   | ug/l # | 21        |
| 56) Ethyl methacrylate        | 10.716 | 69    | 17350    | 2.774    | ug/l # | 1         |
| 59) 2-Hexanone                | 10.986 | 43    | 69882    | 13.508   | ug/l # | 27        |
| 60) Dibromochloromethane      | 11.163 | 129   | 963      | 0.261    | ug/l   | 58        |
| 61) 1,2-Dibromoethane         | 11.286 | 107   | 851      | 0.220    | ug/l # | 1         |
| 65) Chlorobenzene             | 11.710 | 112   | 738717   | 67.924   | ug/l   | 100       |
| 66) 1,1,1,2-Tetrachloroethane | 11.798 | 131   | 1037     | 0.259    | ug/l # | 23        |
| 67) Ethyl Benzene             | 11.786 | 91    | 15258    | 0.773    | ug/l   | 92        |
| 68) m/p-Xylenes               | 11.886 | 106   | 11733    | 1.575    | ug/l   | 99        |
| 69) o-Xylene                  | 12.221 | 106   | 6319     | 0.831    | ug/l   | 62        |
| 71) Bromoform                 | 12.374 | 173   | 12396    | 4.235    | ug/l # | 37        |
| 73) Isopropylbenzene          | 12.521 | 105   | 44700    | 1.859    | ug/l   | 98        |
| 74) N-amyl acetate            | 12.310 | 43    | 81779    | 6.792    | ug/l # | 47        |
| 75) 1,1,2,2-Tetrachloroethane | 12.739 | 83    | 10872    | 1.362    | ug/l # | 57        |
| 76) 1,2,3-Trichloropropane    | 12.668 | 75    | 136795   | 18.787   | ug/l # | 1         |
| 77) Bromobenzene              | 12.698 | 156   | 37263    | 6.665    | ug/l # | 1         |

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 Sample : N3564-31  
 Misc : 4.97g/5mL/100uL/5.00mL/MSVOA\_N/MEOH  
 ALS Vial : 17 Sample Multiplier: 1

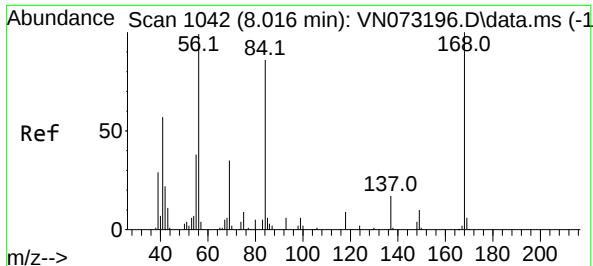
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 WC-16-2-3

Quant Time: Jul 07 04:23:45 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) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| 78) n-propylbenzene           | 12.857 | 91   | 63487    | 2.377  | ug/l   | 95       |
| 79) 2-Chlorotoluene           | 12.945 | 91   | 4602     | 0.272  | ug/l # | 40       |
| 80) 1,3,5-Trimethylbenzene    | 12.998 | 105  | 32688    | 1.668  | ug/l   | 97       |
| 81) trans-1,4-Dichloro-2-b... | 12.668 | 75   | 136795   | 51.523 | ug/l # | 13       |
| 83) tert-Butylbenzene         | 13.504 | 119  | 12139    | 0.691  | ug/l   | 82       |
| 84) 1,2,4-Trimethylbenzene    | 13.310 | 105  | 127444   | 6.513  | ug/l   | 92       |
| 85) sec-Butylbenzene          | 13.439 | 105  | 63294    | 2.682  | ug/l # | 50       |
| 86) p-Isopropyltoluene        | 13.557 | 119  | 22869    | 1.200  | ug/l   | 96       |
| 87) 1,3-Dichlorobenzene       | 13.551 | 146  | 91772    | 9.150  | ug/l # | 81       |
| 88) 1,4-Dichlorobenzene       | 13.633 | 146  | 110980   | 11.043 | ug/l # | 83       |
| 89) n-Butylbenzene            | 13.880 | 91   | 75570    | 4.758  | ug/l # | 76       |
| 90) Hexachloroethane          | 14.157 | 117  | 19279    | 5.427  | ug/l # | 9        |
| 91) 1,2-Dichlorobenzene       | 13.927 | 146  | 202902   | 19.859 | ug/l # | 83       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.515 | 75   | 986      | 0.508  | ug/l # | 32       |
| 93) 1,2,4-Trichlorobenzene    | 15.198 | 180  | 12319    | 2.316  | ug/l # | 1        |
| 95) Naphthalene               | 15.433 | 128  | 76998    | 3.588  | ug/l # | 82       |
| 96) 1,2,3-Trichlorobenzene    | 15.645 | 180  | 7942     | 1.447  | ug/l # | 12       |
| -----                         |        |      |          |        |        |          |

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

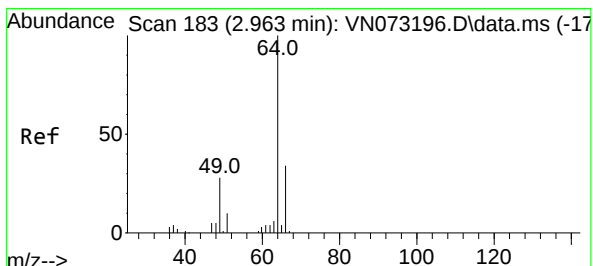
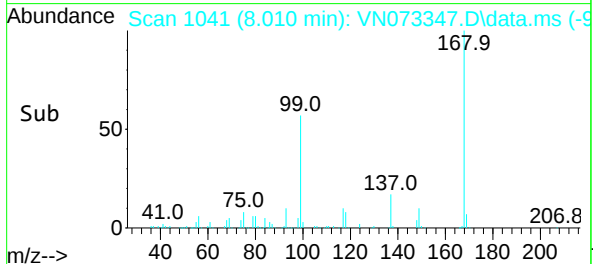
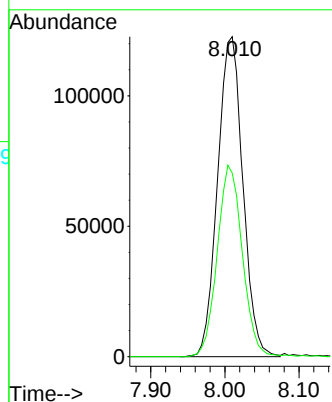
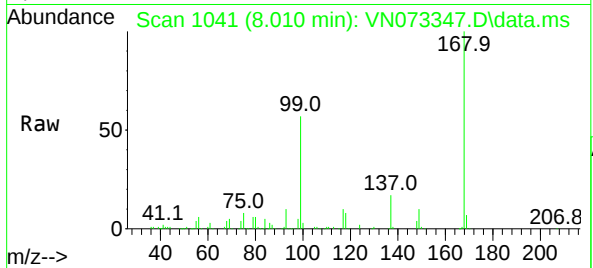




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.010 min Scan# 1042  
Delta R.T. -0.006 min  
Lab File: VN073347.D  
Acq: 06 Jul 2022 16:00

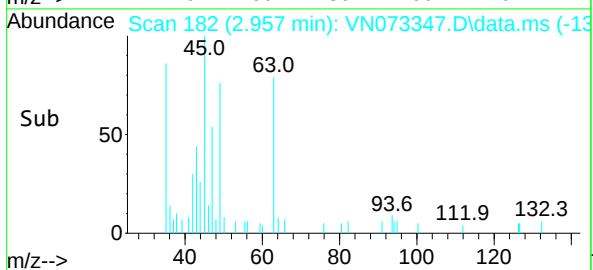
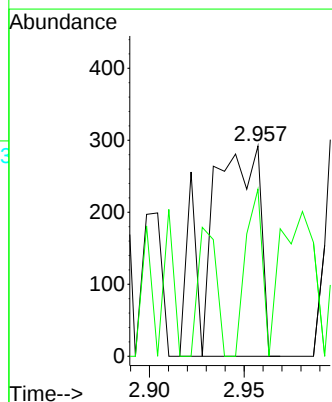
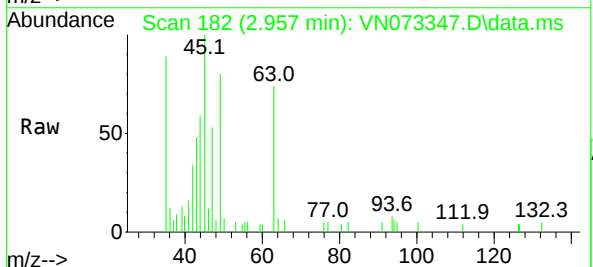
Instrument :  
MSVOA\_N  
ClientSampleId :  
WC-16-2-3

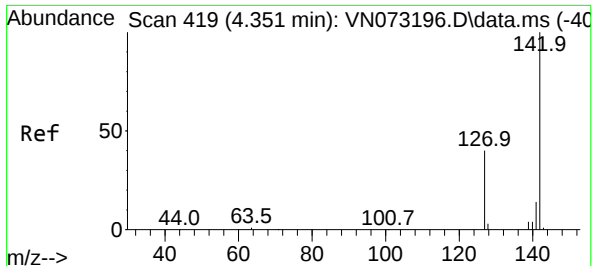
Tgt Ion:168 Resp: 290603  
Ion Ratio Lower Upper  
168 100  
99 57.4 42.3 63.5



#6  
Chloroethane  
Concen: 0.271 ug/l  
RT: 2.957 min Scan# 182  
Delta R.T. -0.006 min  
Lab File: VN073347.D  
Acq: 06 Jul 2022 16:00

Tgt Ion: 64 Resp: 558  
Ion Ratio Lower Upper  
64 100  
66 79.5 26.2 39.4#

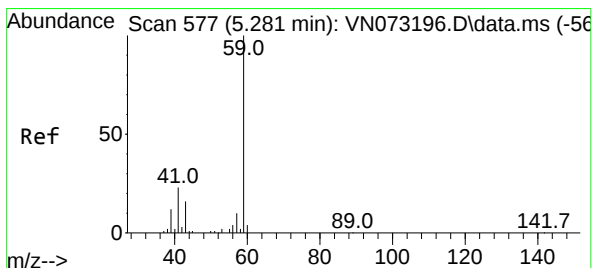
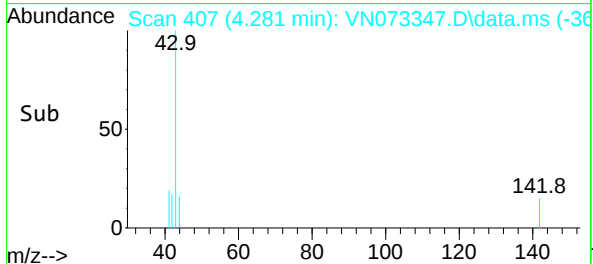
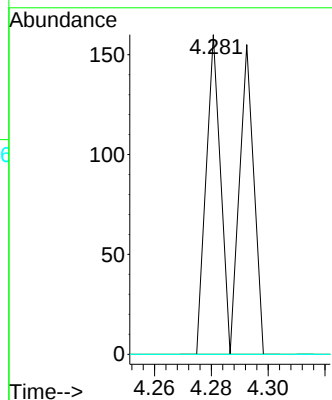
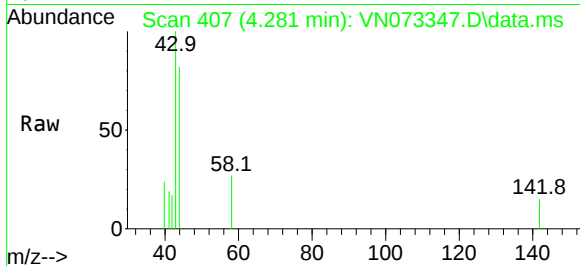




#10  
Methyl Iodide  
Concen: 3.758 ug/l  
RT: 4.281 min Scan# 407  
Delta R.T. -0.070 min  
Lab File: VN073347.D  
Acq: 06 Jul 2022 16:00

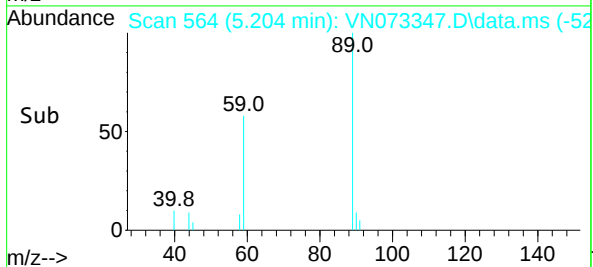
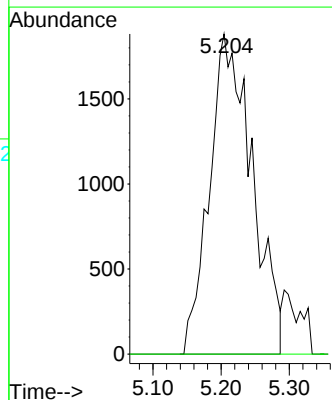
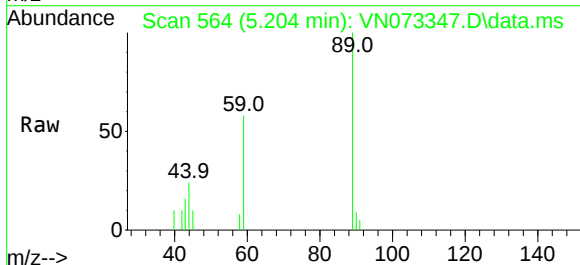
Instrument :  
MSVOA\_N  
ClientSampleId :  
WC-16-2-3

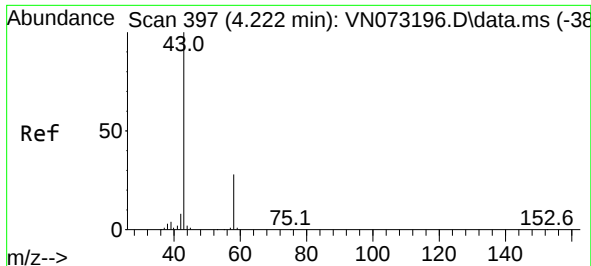
Tgt Ion:142 Resp: 111  
Ion Ratio Lower Upper  
142 100  
127 0.0 31.3 46.9#  
141 0.0 11.2 16.8#



#11  
Tert butyl alcohol  
Concen: 8.071 ug/l  
RT: 5.204 min Scan# 564  
Delta R.T. -0.077 min  
Lab File: VN073347.D  
Acq: 06 Jul 2022 16:00

Tgt Ion: 59 Resp: 8202  
Ion Ratio Lower Upper  
59 100  
57 0.0 8.3 12.5#

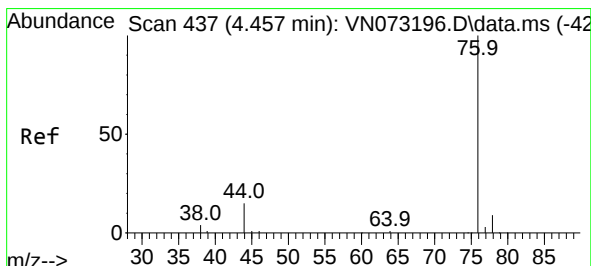
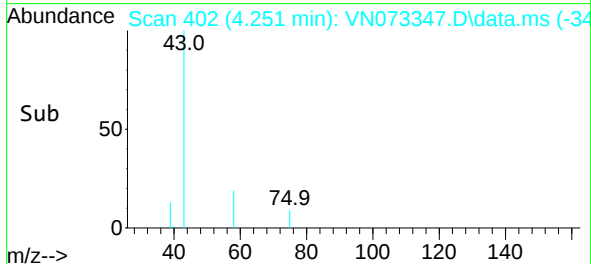
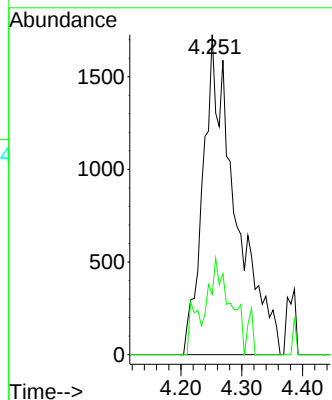
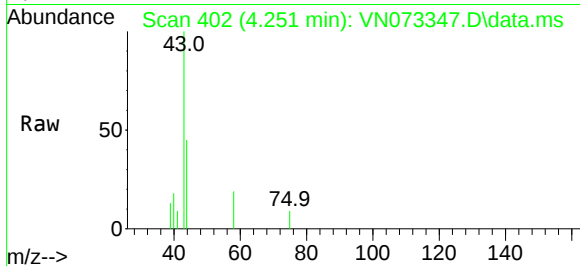




#16  
Acetone  
Concen: 2.710 ug/l  
RT: 4.251 min Scan# 402  
Delta R.T. 0.029 min  
Lab File: VN073347.D  
Acq: 06 Jul 2022 16:00

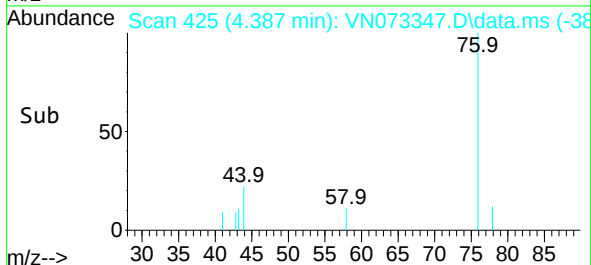
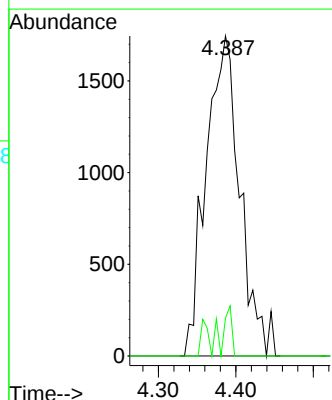
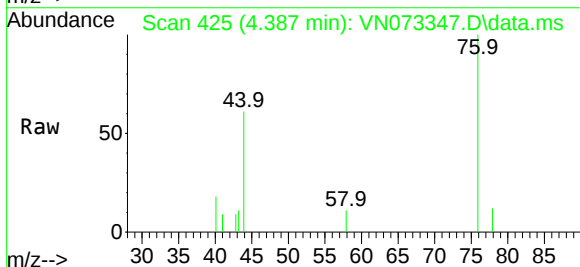
Instrument :  
MSVOA\_N  
ClientSampleId :  
WC-16-2-3

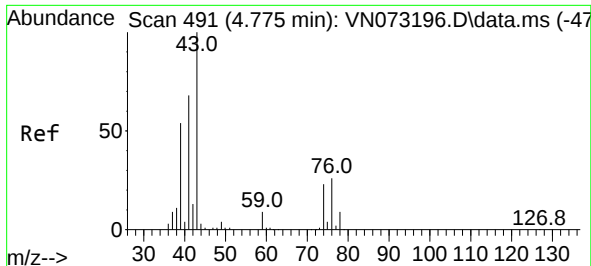
Tgt Ion: 43 Resp: 6381  
Ion Ratio Lower Upper  
43 100  
58 18.8 26.0 39.0#



#17  
Carbon Disulfide  
Concen: 0.596 ug/l  
RT: 4.387 min Scan# 425  
Delta R.T. -0.070 min  
Lab File: VN073347.D  
Acq: 06 Jul 2022 16:00

Tgt Ion: 76 Resp: 5291  
Ion Ratio Lower Upper  
76 100  
78 11.9 7.2 10.8#

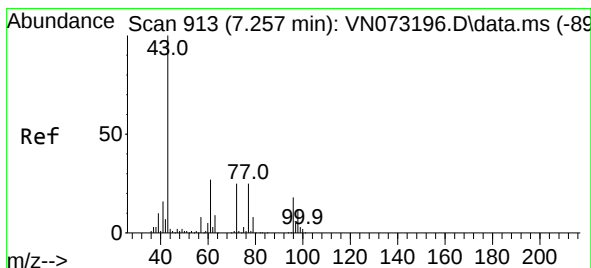
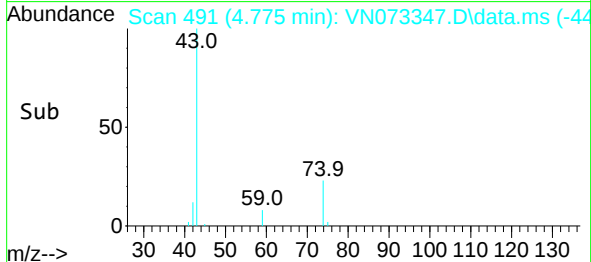
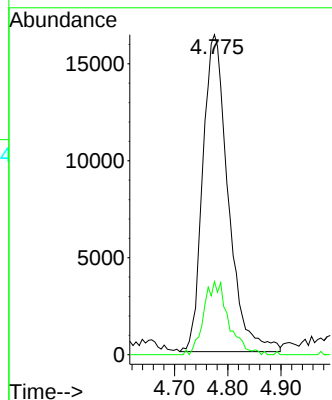
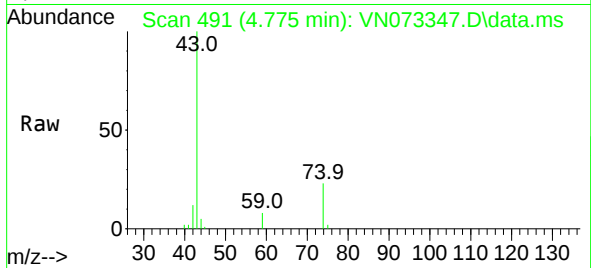




#18  
Methyl Acetate  
Concen: 8.216 ug/l  
RT: 4.775 min Scan# 491  
Delta R.T. -0.000 min  
Lab File: VN073347.D  
Acq: 06 Jul 2022 16:00

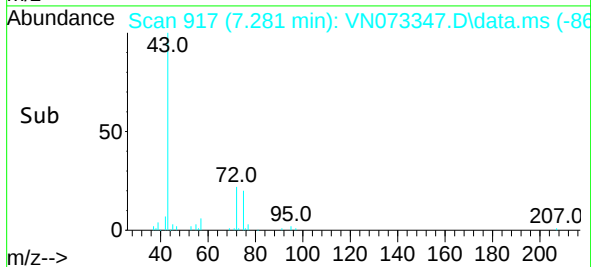
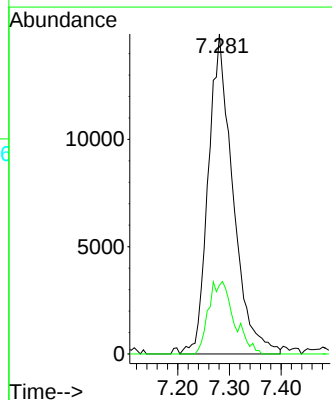
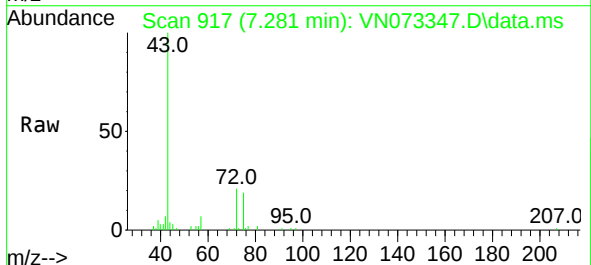
Instrument :  
MSVOA\_N  
ClientSampleId :  
WC-16-2-3

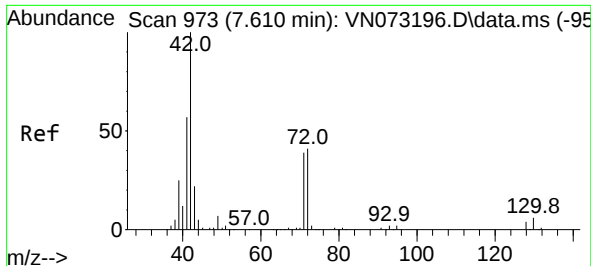
Tgt Ion: 43 Resp: 54216  
Ion Ratio Lower Upper  
43 100  
74 22.4 21.6 32.4



#25  
2-Butanone  
Concen: 13.190 ug/l  
RT: 7.281 min Scan# 917  
Delta R.T. 0.024 min  
Lab File: VN073347.D  
Acq: 06 Jul 2022 16:00

Tgt Ion: 43 Resp: 49452  
Ion Ratio Lower Upper  
43 100  
72 21.5 23.7 35.5#





#29

Tetrahydrofuran

Concen: 0.317 ug/l

RT: 7.639 min Scan# 91

Delta R.T. 0.029 min

Lab File: VN073347.D

Acq: 06 Jul 2022 16:00

Instrument :

MSVOA\_N

ClientSampleId :

WC-16-2-3

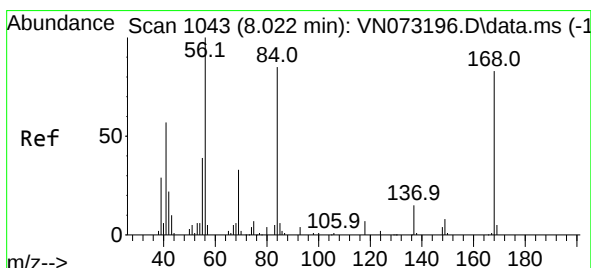
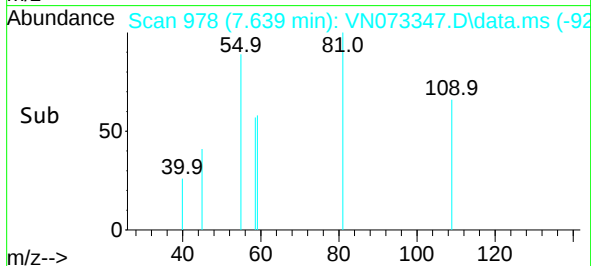
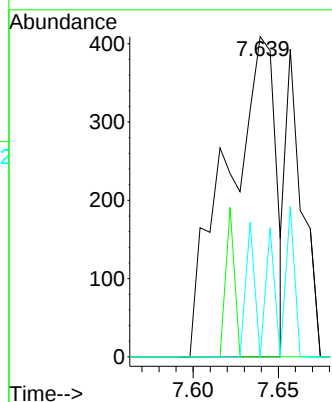
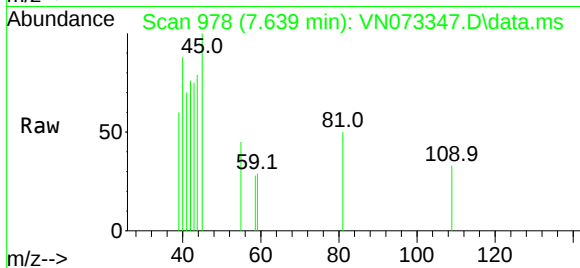
Tgt Ion: 42 Resp: 813

Ion Ratio Lower Upper

42 100

72 0.0 39.7 59.5#

71 7.1 36.6 55.0#



#31

Cyclohexane

Concen: 2.688 ug/l

RT: 8.004 min Scan# 1040

Delta R.T. -0.018 min

Lab File: VN073347.D

Acq: 06 Jul 2022 16:00

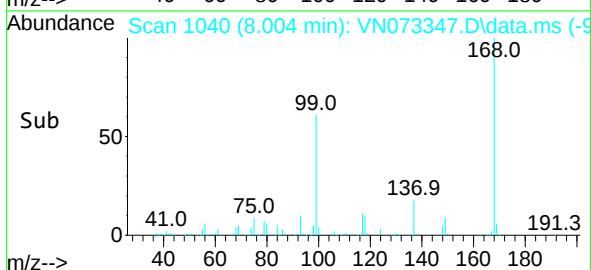
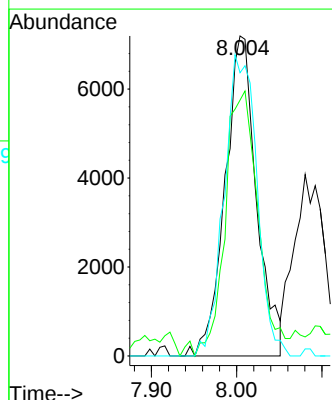
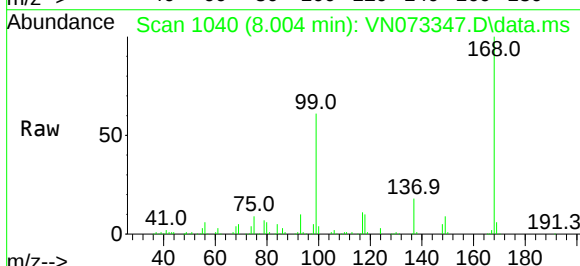
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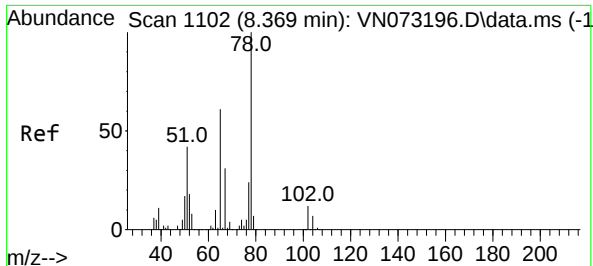
Ion Ratio Lower Upper

56 100

69 80.0 27.8 41.8#

84 88.5 76.9 115.3

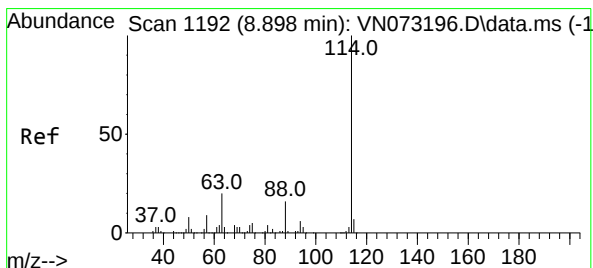
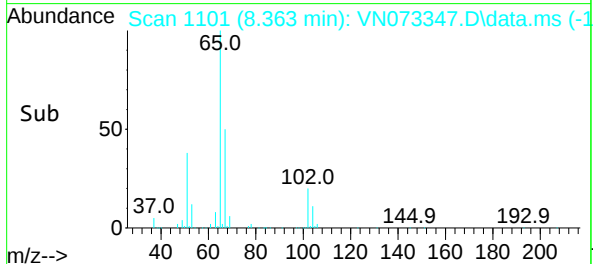
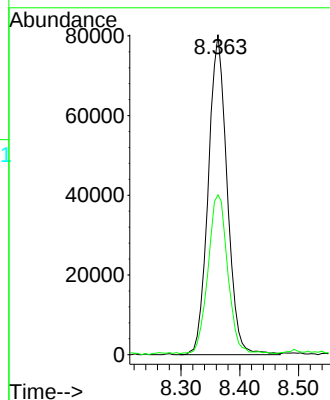
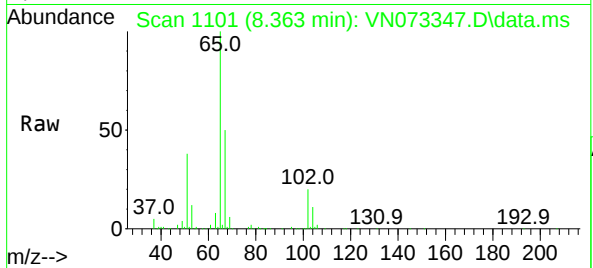




#33  
1,2-Dichloroethane-d4  
Concen: 42.602 ug/l  
RT: 8.363 min Scan# 1102  
Delta R.T. -0.006 min  
Lab File: VN073347.D  
Acq: 06 Jul 2022 16:00

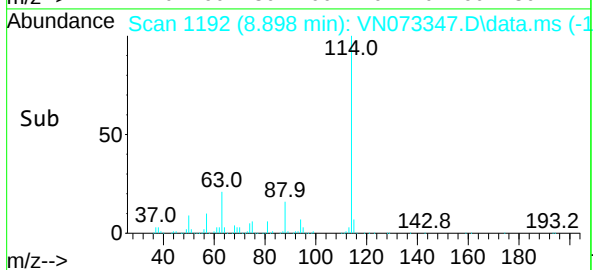
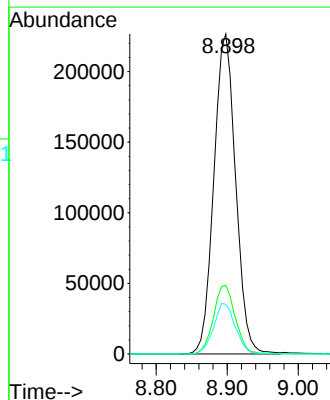
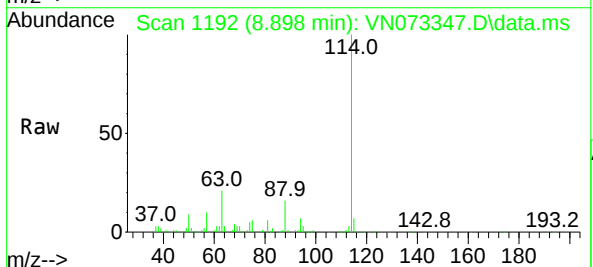
Instrument :  
MSVOA\_N  
ClientSampleId :  
WC-16-2-3

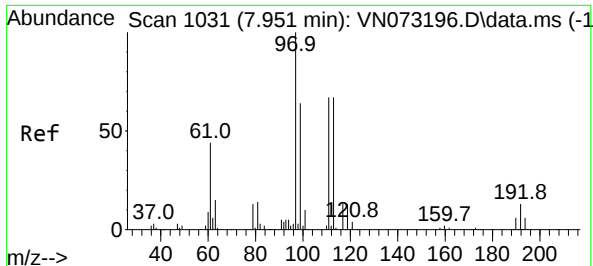
Tgt Ion: 65 Resp: 178724  
Ion Ratio Lower Upper  
65 100  
67 51.6 0.0 104.8



#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 8.898 min Scan# 1192  
Delta R.T. 0.000 min  
Lab File: VN073347.D  
Acq: 06 Jul 2022 16:00

Tgt Ion: 114 Resp: 481421  
Ion Ratio Lower Upper  
114 100  
63 21.4 0.0 40.0  
88 15.5 0.0 32.6

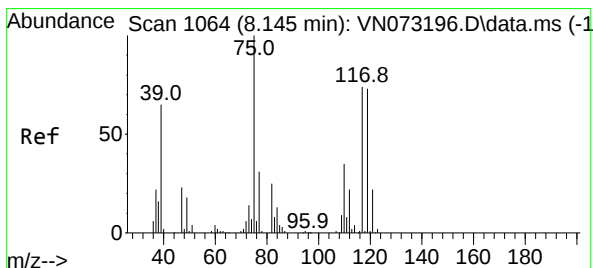
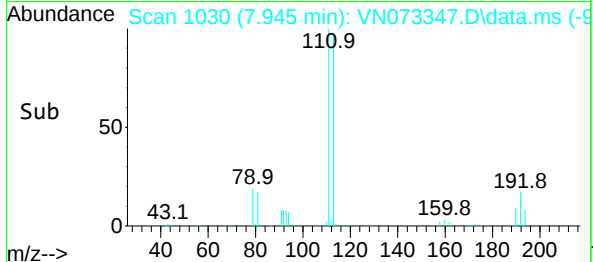
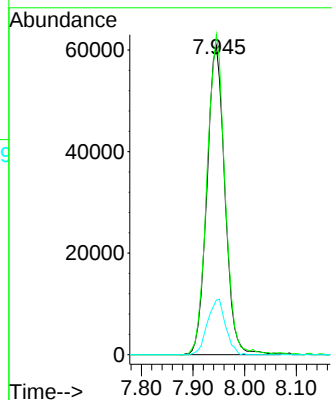
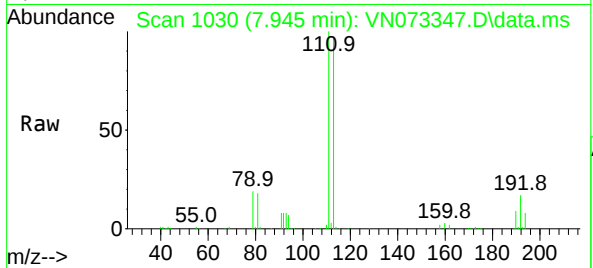




#35  
Dibromofluoromethane  
Concen: 45.979 ug/l  
RT: 7.945 min Scan# 1030  
Delta R.T. -0.006 min  
Lab File: VN073347.D  
Acq: 06 Jul 2022 16:00

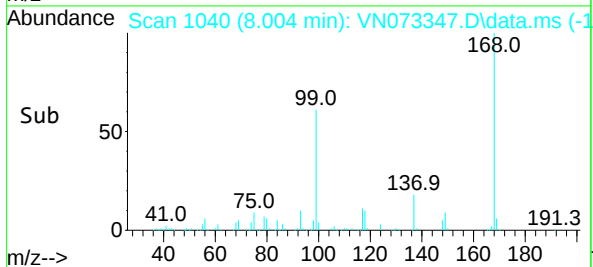
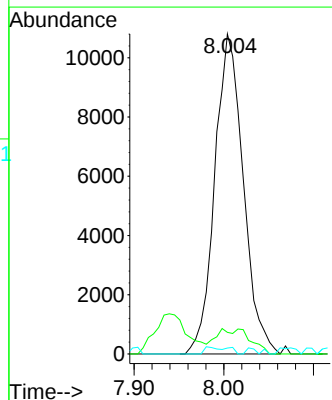
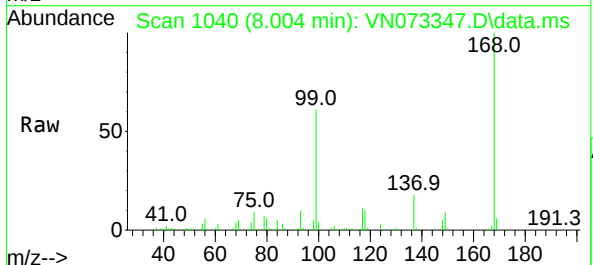
Instrument :  
MSVOA\_N  
ClientSampleId :  
WC-16-2-3

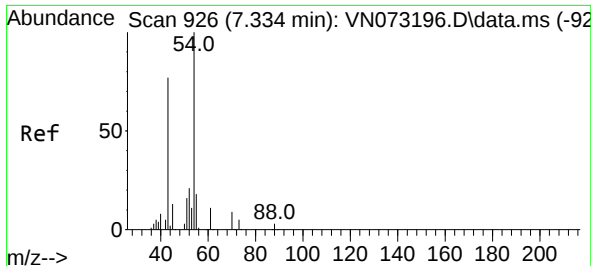
Tgt Ion:113 Resp: 147268  
Ion Ratio Lower Upper  
113 100  
111 103.5 81.4 122.0  
192 18.0 17.0 25.6



#36  
1,1-Dichloropropene  
Concen: 4.834 ug/l  
RT: 8.004 min Scan# 1040  
Delta R.T. -0.141 min  
Lab File: VN073347.D  
Acq: 06 Jul 2022 16:00

Tgt Ion: 75 Resp: 23825  
Ion Ratio Lower Upper  
75 100  
110 2.5 18.3 54.8#  
77 0.0 25.1 37.7#

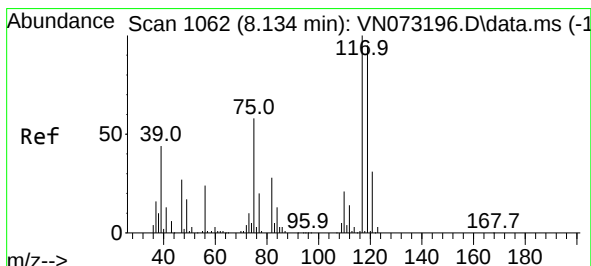
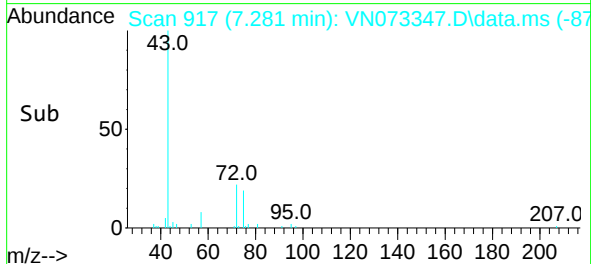
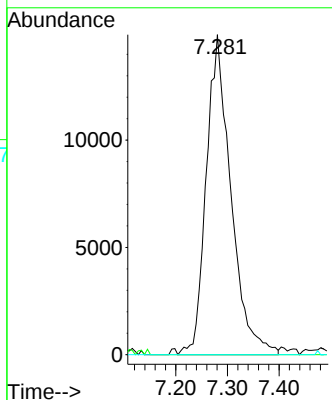
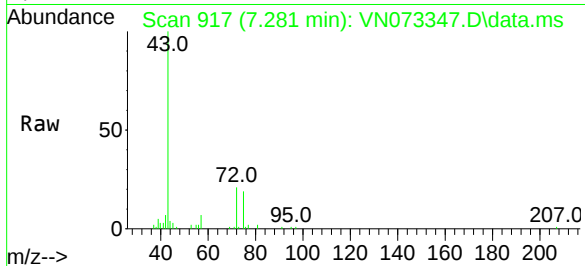




#37  
Ethyl Acetate  
Concen: 6.641 ug/l  
RT: 7.281 min Scan# 917  
Delta R.T. -0.053 min  
Lab File: VN073347.D  
Acq: 06 Jul 2022 16:00

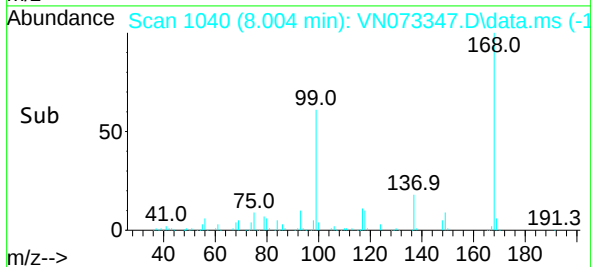
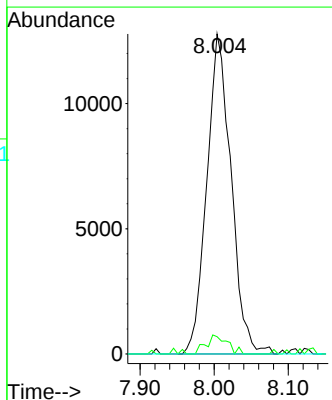
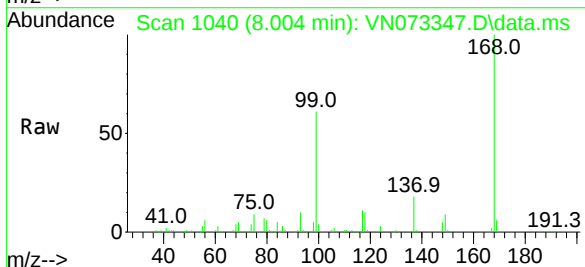
Instrument :  
MSVOA\_N  
ClientSampleId :  
WC-16-2-3

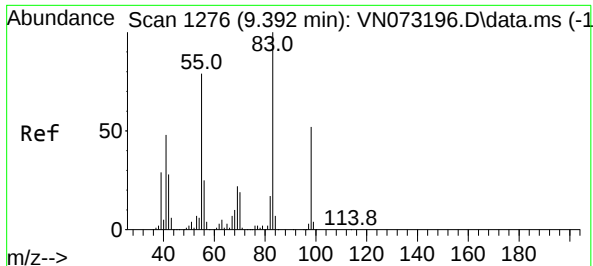
Tgt Ion: 43 Resp: 49452  
Ion Ratio Lower Upper  
43 100  
61 0.0 11.8 17.6#  
70 0.0 9.3 13.9#



#38  
Carbon Tetrachloride  
Concen: 5.715 ug/l  
RT: 8.004 min Scan# 1040  
Delta R.T. -0.130 min  
Lab File: VN073347.D  
Acq: 06 Jul 2022 16:00

Tgt Ion: 117 Resp: 29127  
Ion Ratio Lower Upper  
117 100  
119 5.4 75.8 113.8#  
121 0.0 24.6 37.0#

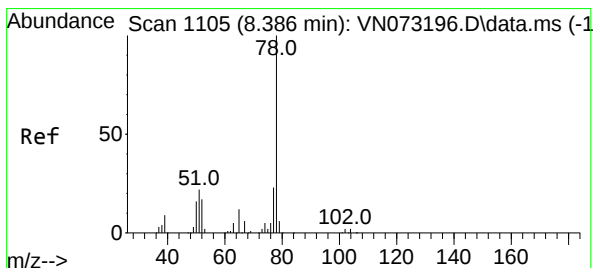
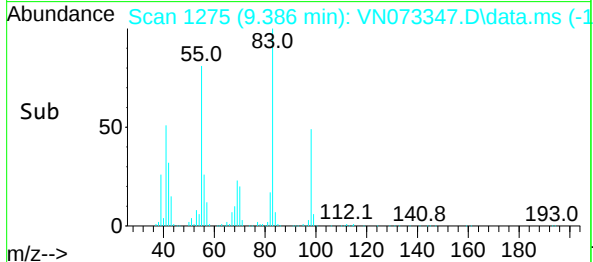
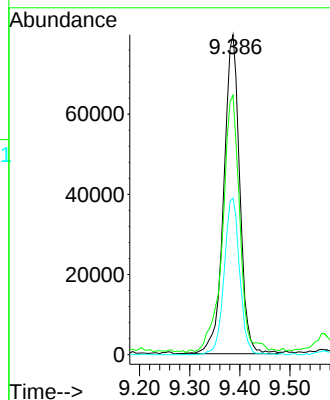
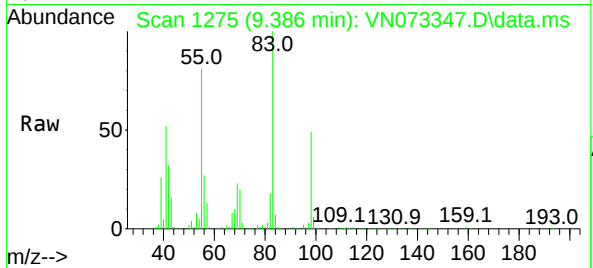




#39  
Methylcyclohexane  
Concen: 28.810 ug/l  
RT: 9.386 min Scan# 1103  
Delta R.T. -0.006 min  
Lab File: VN073347.D  
Acq: 06 Jul 2022 16:00

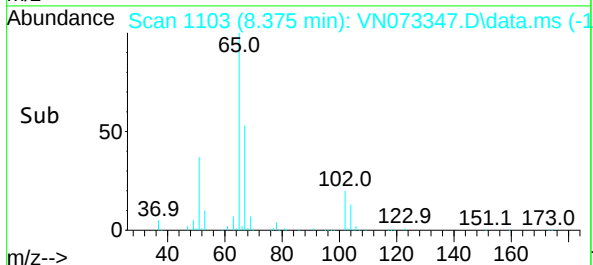
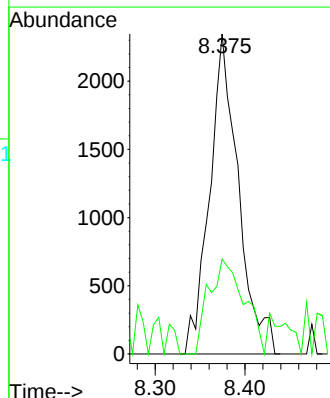
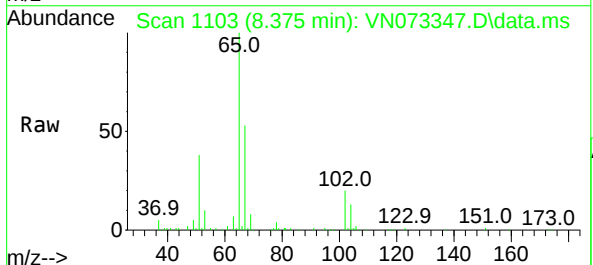
Instrument :  
MSVOA\_N  
ClientSampleId :  
WC-16-2-3

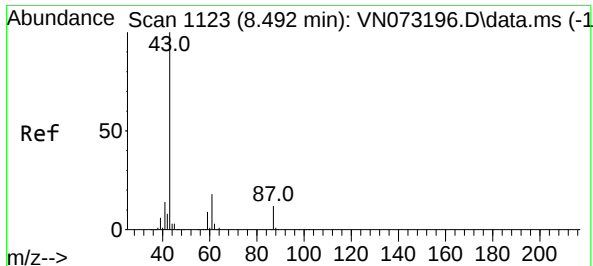
Tgt Ion: 83 Resp: 176770  
Ion Ratio Lower Upper  
83 100  
55 80.4 57.8 86.8  
98 49.0 39.4 59.2



#40  
Benzene  
Concen: 0.344 ug/l  
RT: 8.375 min Scan# 1103  
Delta R.T. -0.011 min  
Lab File: VN073347.D  
Acq: 06 Jul 2022 16:00

Tgt Ion: 78 Resp: 5236  
Ion Ratio Lower Upper  
78 100  
77 29.7 19.4 29.0#





#43

Isopropyl Acetate

Concen: 0.441 ug/l

RT: 8.480 min Scan# 1123

Delta R.T. -0.012 min

Lab File: VN073347.D

Acq: 06 Jul 2022 16:00

Instrument :

MSVOA\_N

ClientSampleId :

WC-16-2-3

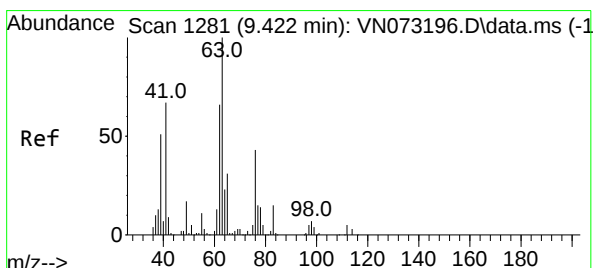
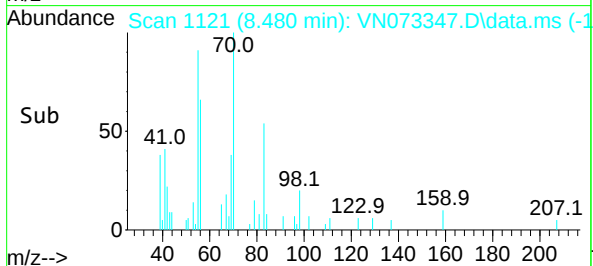
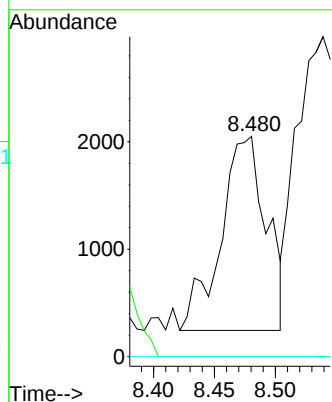
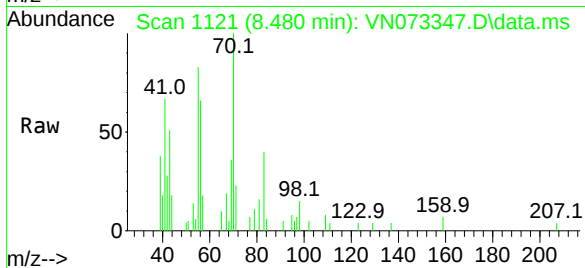
Tgt Ion: 43 Resp: 4718

Ion Ratio Lower Upper

43 100

61 0.0 21.9 32.9#

87 0.0 12.0 18.0#



#45

1,2-Dichloropropane

Concen: 0.301 ug/l

RT: 9.380 min Scan# 1274

Delta R.T. -0.042 min

Lab File: VN073347.D

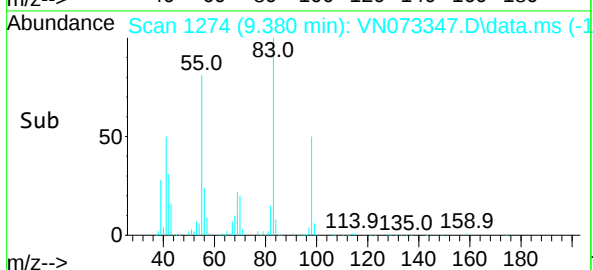
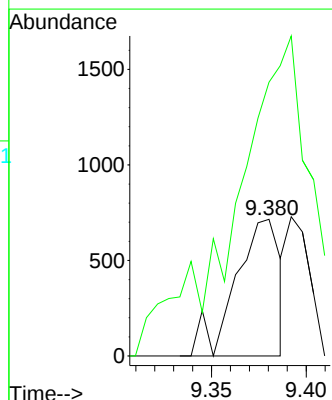
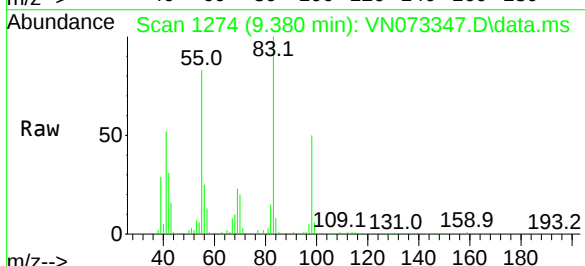
Acq: 06 Jul 2022 16:00

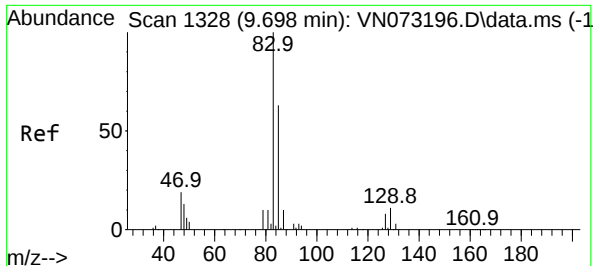
Tgt Ion: 63 Resp: 1167

Ion Ratio Lower Upper

63 100

65 157.2 24.9 37.3#





#47

Bromodichloromethane

Concen: 0.362 ug/l

RT: 9.727 min Scan# 11

Delta R.T. 0.029 min

Lab File: VN073347.D

Acq: 06 Jul 2022 16:00

Instrument :

MSVOA\_N

ClientSampleId :

WC-16-2-3

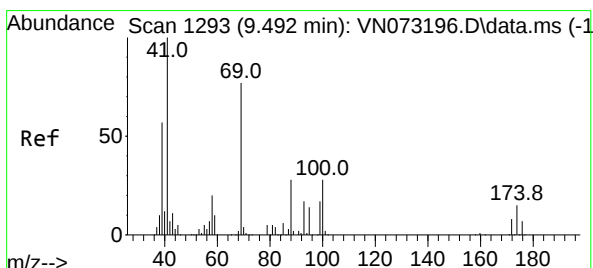
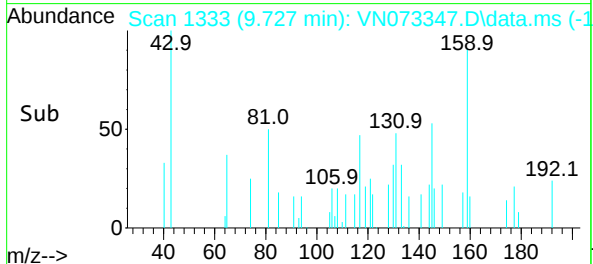
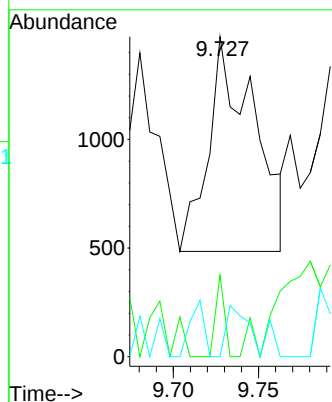
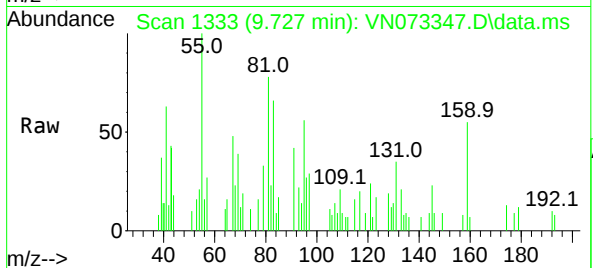
Tgt Ion: 83 Resp: 1845

Ion Ratio Lower Upper

83 100

85 19.4 50.5 75.7#

127 0.0 6.8 10.2#



#48

Methyl methacrylate

Concen: 2.457 ug/l

RT: 9.574 min Scan# 1307

Delta R.T. 0.082 min

Lab File: VN073347.D

Acq: 06 Jul 2022 16:00

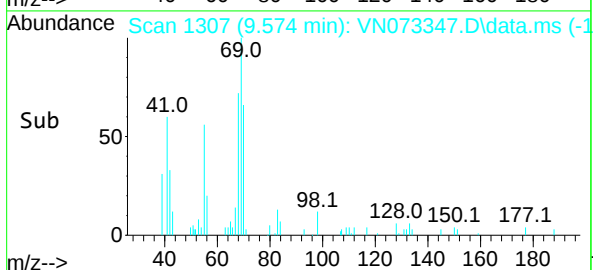
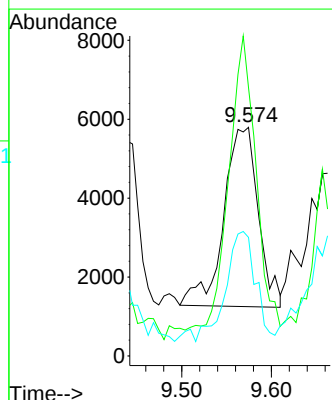
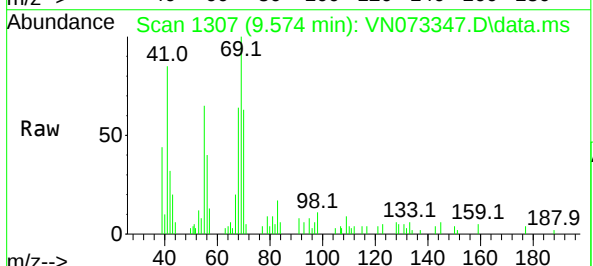
Tgt Ion: 41 Resp: 12175

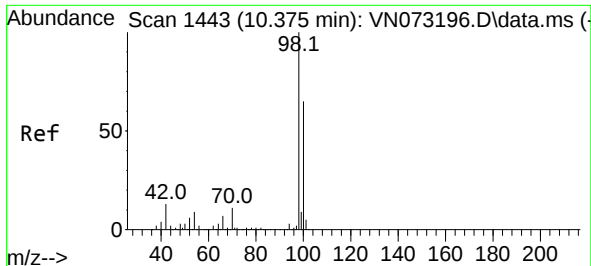
Ion Ratio Lower Upper

41 100

69 127.4 74.7 112.1#

39 53.0 45.6 68.4

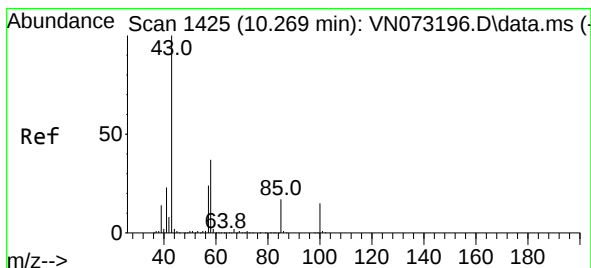
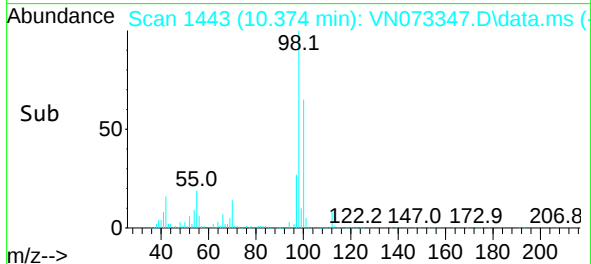
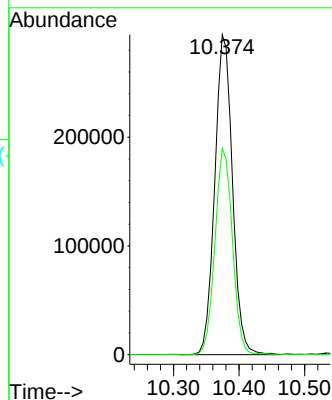
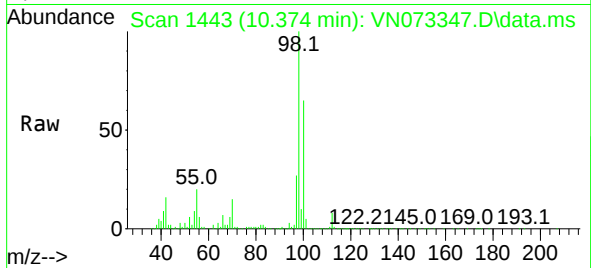




#50  
Toluene-d8  
Concen: 48.383 ug/l  
RT: 10.374 min Scan# 1443  
Delta R.T. -0.001 min  
Lab File: VN073347.D  
Acq: 06 Jul 2022 16:00

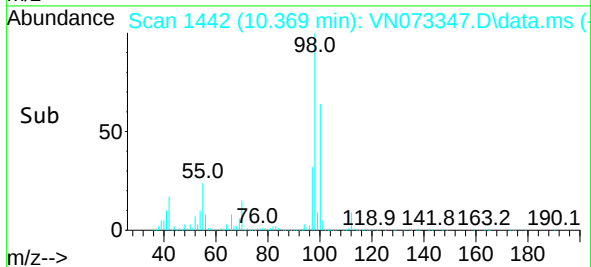
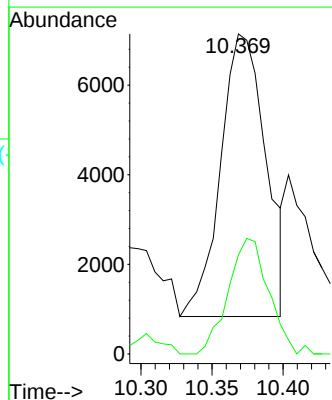
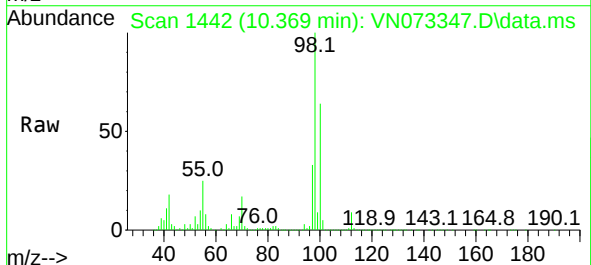
Instrument :  
MSVOA\_N  
ClientSampleId :  
WC-16-2-3

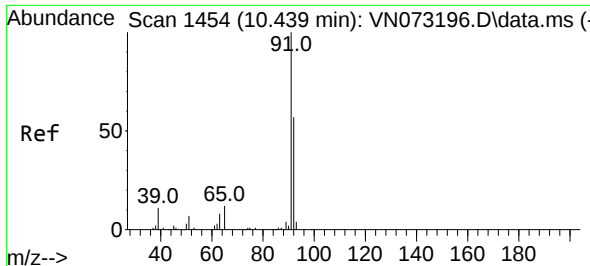
Tgt Ion: 98 Resp: 550402  
Ion Ratio Lower Upper  
98 100  
100 63.7 52.6 78.8



#51  
4-Methyl-2-Pentanone  
Concen: 2.061 ug/l  
RT: 10.369 min Scan# 1442  
Delta R.T. 0.100 min  
Lab File: VN073347.D  
Acq: 06 Jul 2022 16:00

Tgt Ion: 43 Resp: 13987  
Ion Ratio Lower Upper  
43 100  
58 36.6 34.1 51.1

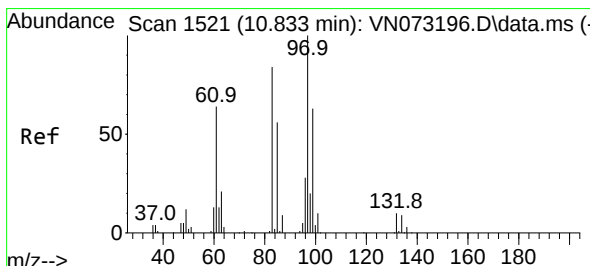
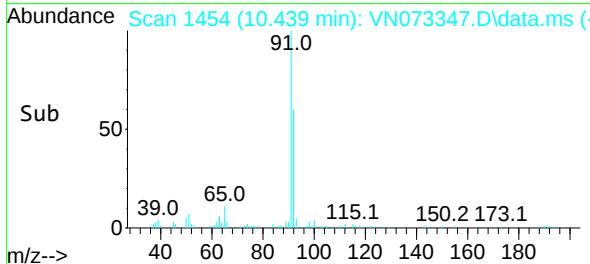
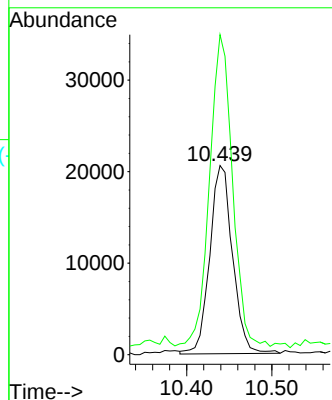
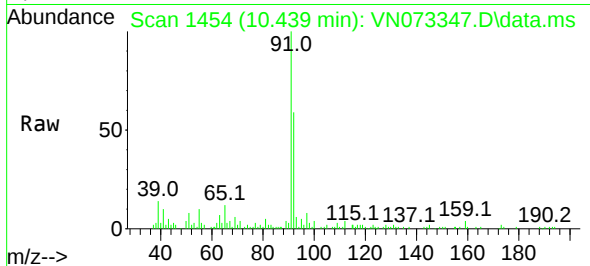




#52  
Toluene  
Concen: 4.066 ug/l  
RT: 10.439 min Scan# 1454  
Delta R.T. 0.000 min  
Lab File: VN073347.D  
Acq: 06 Jul 2022 16:00

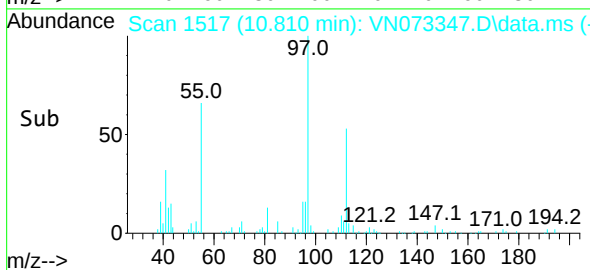
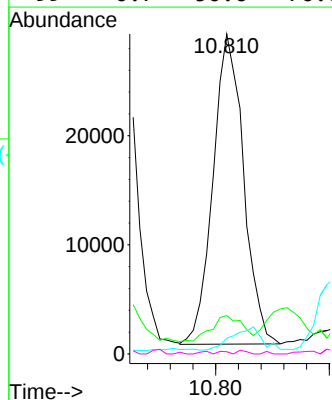
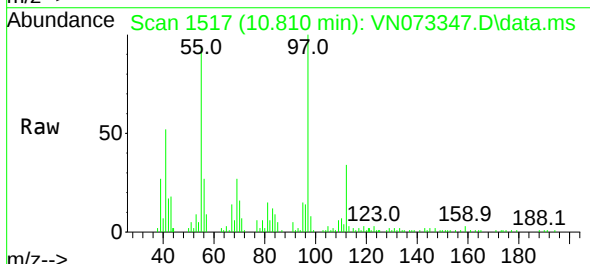
Instrument :  
MSVOA\_N  
ClientSampleId :  
WC-16-2-3

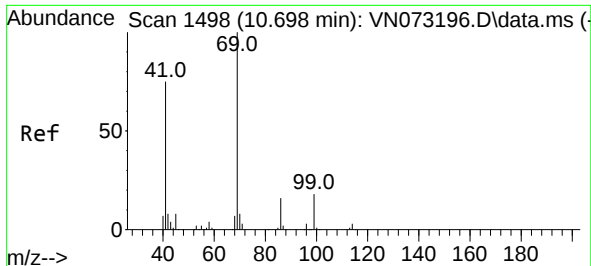
Tgt Ion: 92 Resp: 38216  
Ion Ratio Lower Upper  
92 100  
91 166.6 138.6 207.8



#55  
1,1,2-Trichloroethane  
Concen: 13.715 ug/l  
RT: 10.810 min Scan# 1517  
Delta R.T. -0.023 min  
Lab File: VN073347.D  
Acq: 06 Jul 2022 16:00

Tgt Ion: 97 Resp: 53074  
Ion Ratio Lower Upper  
97 100  
83 8.3 66.2 99.4#  
85 3.7 43.9 65.9#  
99 0.7 50.6 76.0#

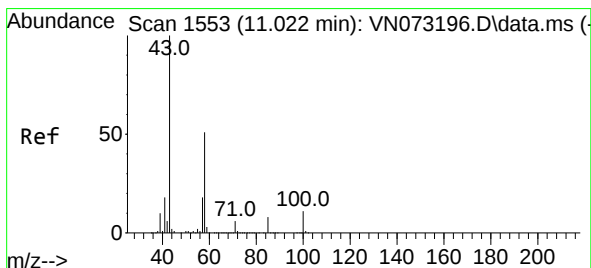
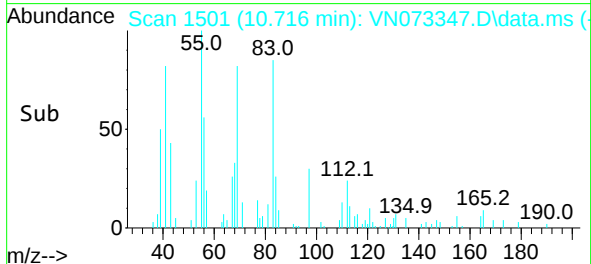
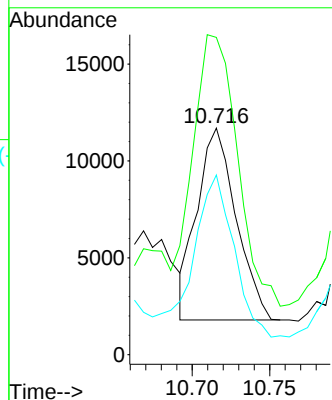
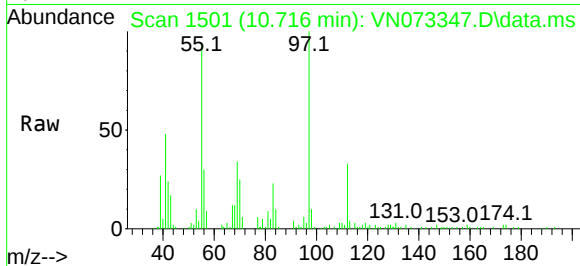




#56  
Ethyl methacrylate  
Concen: 2.774 ug/l  
RT: 10.716 min Scan# 11  
Delta R.T. 0.018 min  
Lab File: VN073347.D  
Acq: 06 Jul 2022 16:00

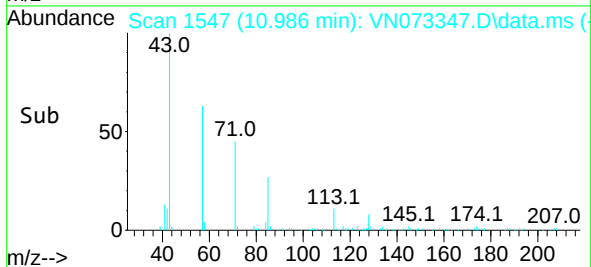
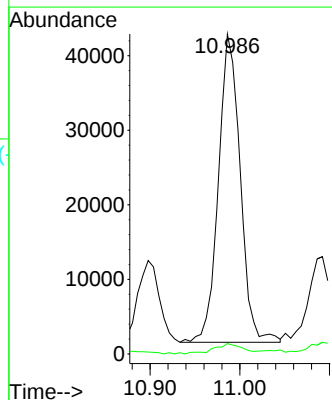
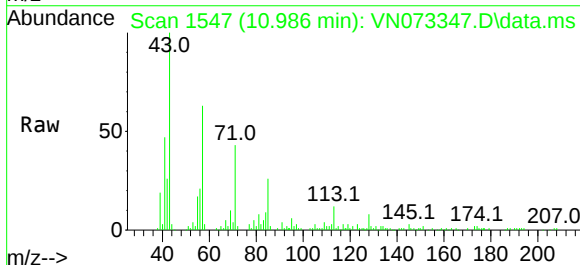
Instrument :  
MSVOA\_N  
ClientSampleId :  
WC-16-2-3

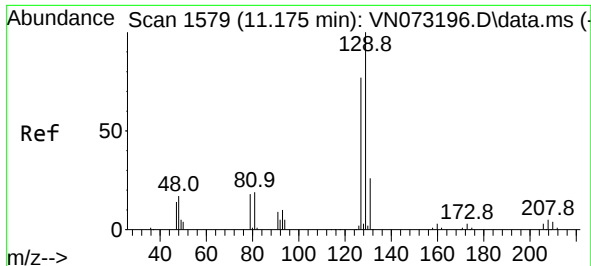
Tgt Ion: 69 Resp: 17350  
Ion Ratio Lower Upper  
69 100  
41 158.9 47.8 71.6#  
39 88.1 27.3 40.9#



#59  
2-Hexanone  
Concen: 13.508 ug/l  
RT: 10.986 min Scan# 1547  
Delta R.T. -0.036 min  
Lab File: VN073347.D  
Acq: 06 Jul 2022 16:00

Tgt Ion: 43 Resp: 69882  
Ion Ratio Lower Upper  
43 100  
58 4.4 29.7 89.1#

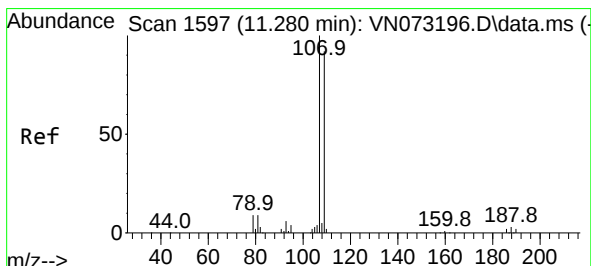
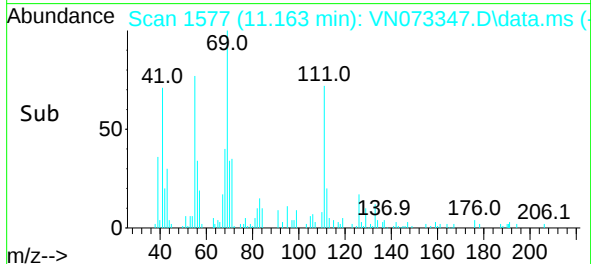
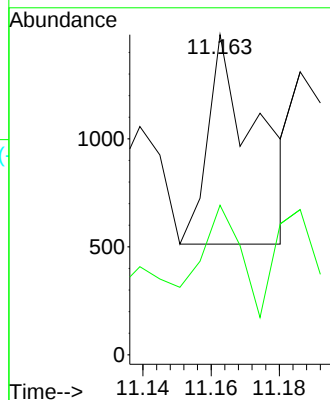
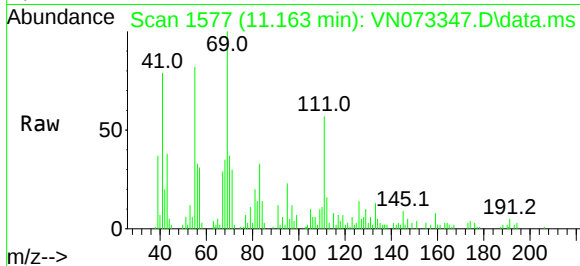




#60  
Dibromochloromethane  
Concen: 0.261 ug/l  
RT: 11.163 min Scan# 11  
Delta R.T. -0.012 min  
Lab File: VN073347.D  
Acq: 06 Jul 2022 16:00

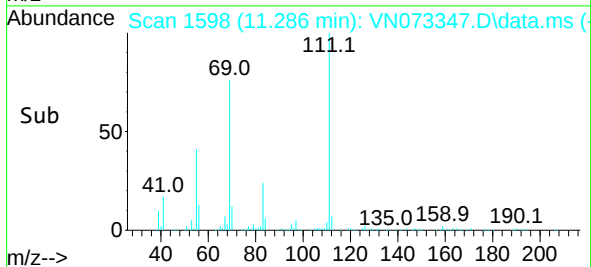
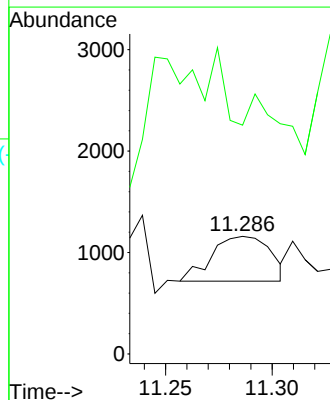
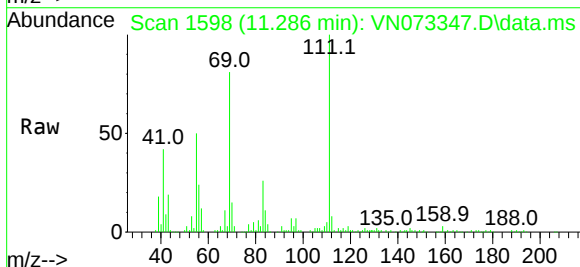
Instrument :  
MSVOA\_N  
ClientSampleId :  
WC-16-2-3

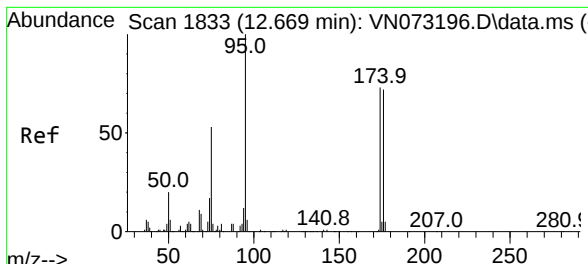
Tgt Ion:129 Resp: 963  
Ion Ratio Lower Upper  
129 100  
127 40.8 38.8 116.4



#61  
1,2-Dibromoethane  
Concen: 0.220 ug/l  
RT: 11.286 min Scan# 1598  
Delta R.T. 0.006 min  
Lab File: VN073347.D  
Acq: 06 Jul 2022 16:00

Tgt Ion:107 Resp: 851  
Ion Ratio Lower Upper  
107 100  
109 413.2 75.0 112.6#

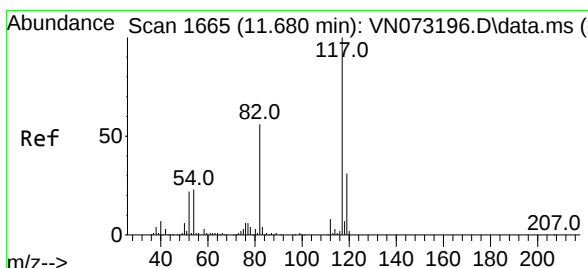
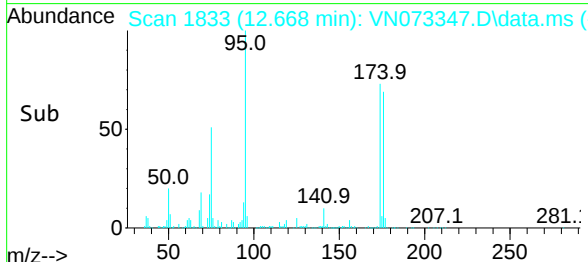
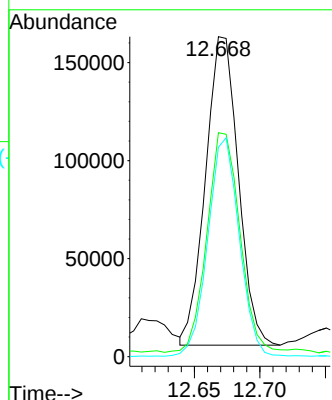
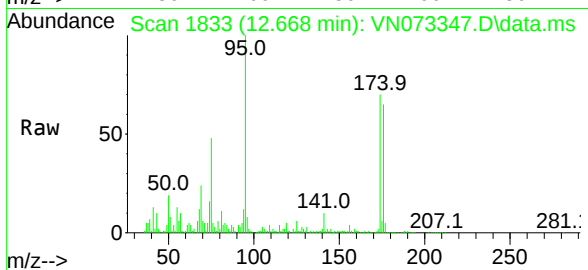




#62  
4-Bromofluorobenzene  
Concen: 62.485 ug/l  
RT: 12.668 min Scan# 1833  
Delta R.T. -0.001 min  
Lab File: VN073347.D  
Acq: 06 Jul 2022 16:00

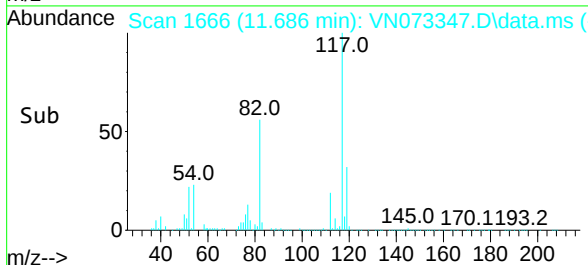
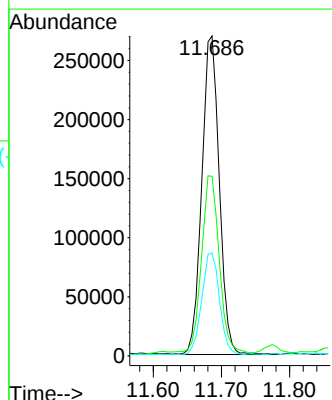
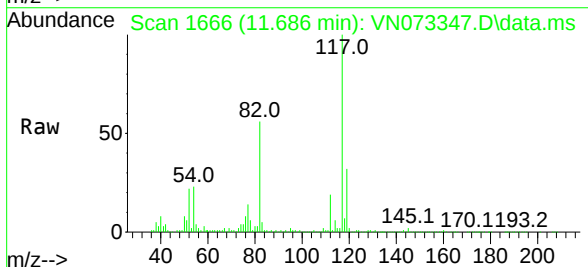
Instrument :  
MSVOA\_N  
ClientSampleId :  
WC-16-2-3

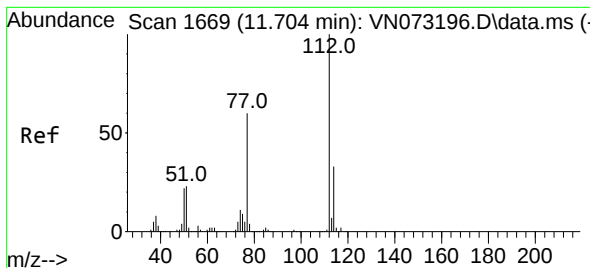
Tgt Ion: 95 Resp: 273167  
Ion Ratio Lower Upper  
95 100  
174 71.5 0.0 167.6  
176 67.9 0.0 163.4



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.686 min Scan# 1666  
Delta R.T. 0.006 min  
Lab File: VN073347.D  
Acq: 06 Jul 2022 16:00

Tgt Ion: 117 Resp: 480875  
Ion Ratio Lower Upper  
117 100  
82 55.0 44.2 66.2  
119 31.8 25.4 38.0





#65

Chlorobenzene

Concen: 67.924 ug/l

RT: 11.710 min Scan# 1670

Delta R.T. 0.006 min

Lab File: VN073347.D

Acq: 06 Jul 2022 16:00

Instrument :

MSVOA\_N

ClientSampleId :

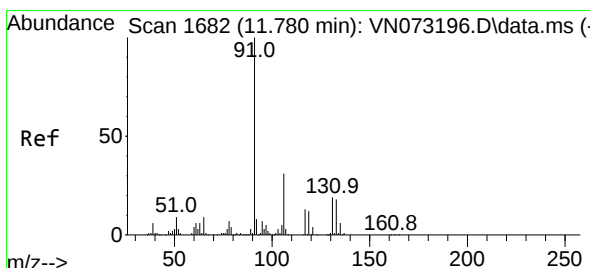
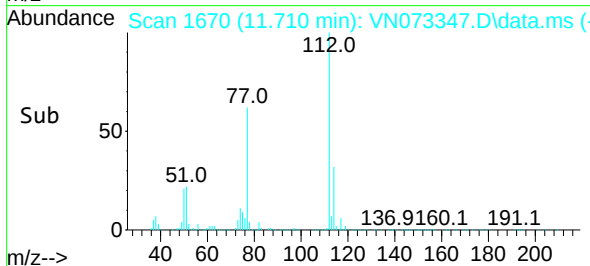
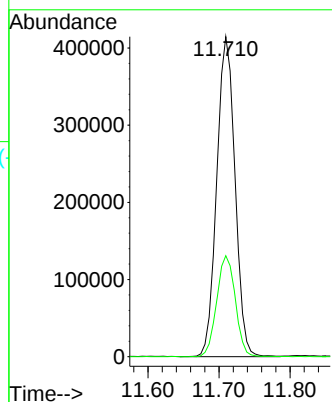
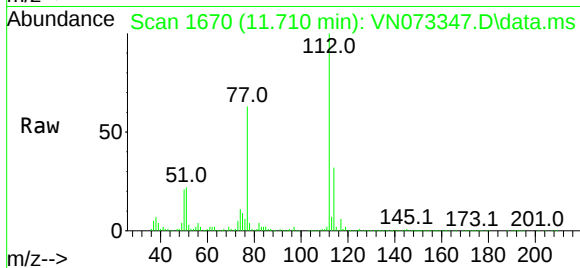
WC-16-2-3

Tgt Ion:112 Resp: 738717

Ion Ratio Lower Upper

112 100

114 31.5 25.4 38.2



#66

1,1,1,2-Tetrachloroethane

Concen: 0.259 ug/l

RT: 11.798 min Scan# 1685

Delta R.T. 0.018 min

Lab File: VN073347.D

Acq: 06 Jul 2022 16:00

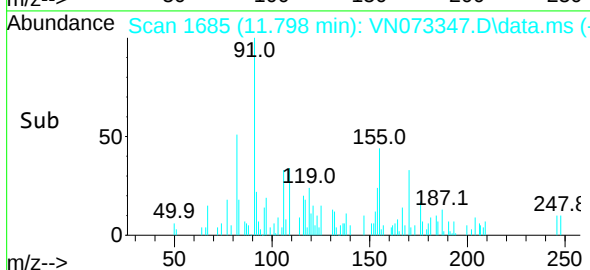
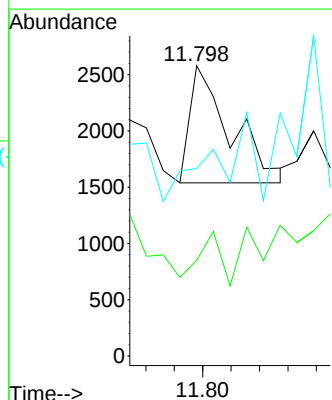
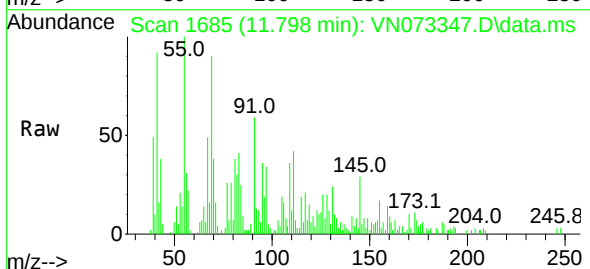
Tgt Ion:131 Resp: 1037

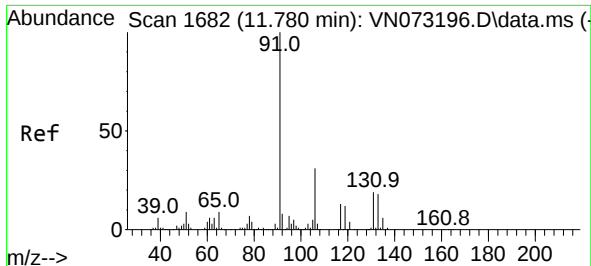
Ion Ratio Lower Upper

131 100

133 24.2 47.8 143.4#

119 0.0 33.4 100.2#





#67

Ethyl Benzene

Concen: 0.773 ug/l

RT: 11.786 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN073347.D

Acq: 06 Jul 2022 16:00

Instrument :

MSVOA\_N

ClientSampleId :

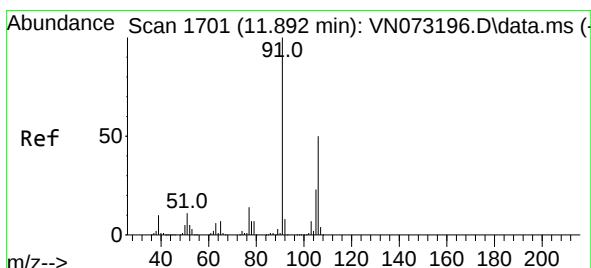
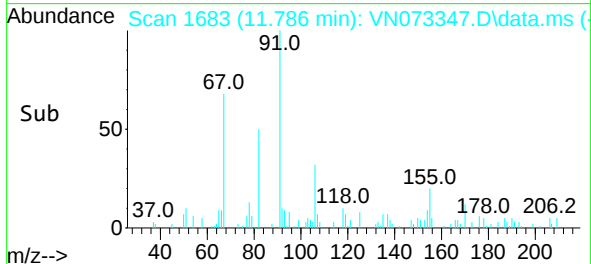
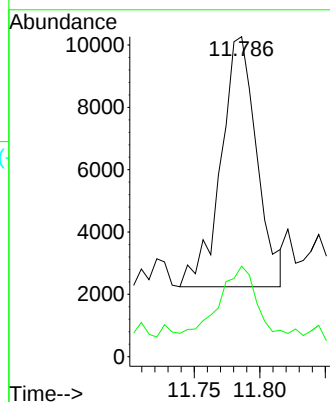
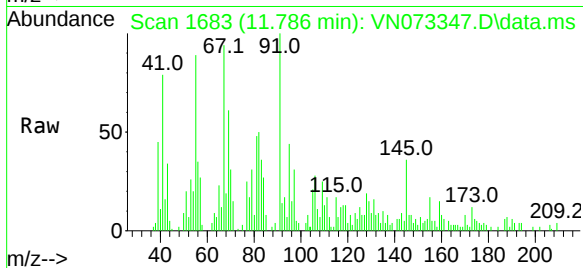
WC-16-2-3

Tgt Ion: 91 Resp: 15258

Ion Ratio Lower Upper

91 100

106 26.9 24.9 37.3



#68

m/p-Xylenes

Concen: 1.575 ug/l

RT: 11.886 min Scan# 1700

Delta R.T. -0.006 min

Lab File: VN073347.D

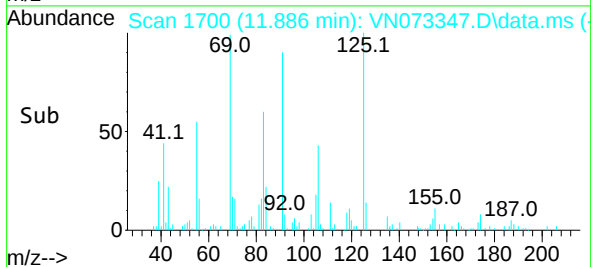
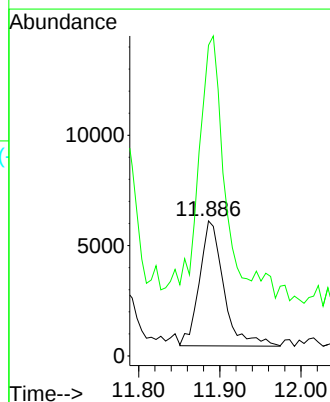
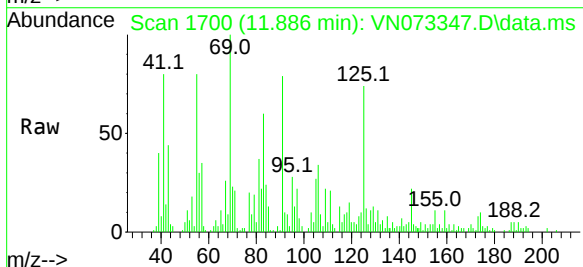
Acq: 06 Jul 2022 16:00

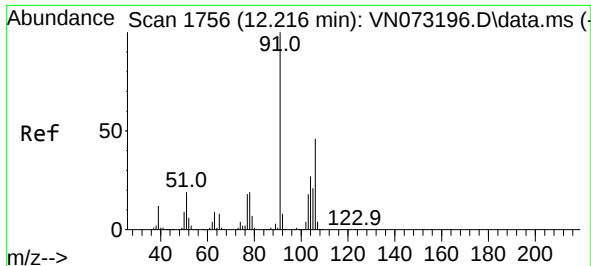
Tgt Ion:106 Resp: 11733

Ion Ratio Lower Upper

106 100

91 197.4 158.9 238.3

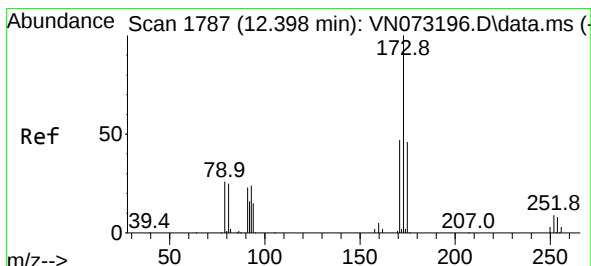
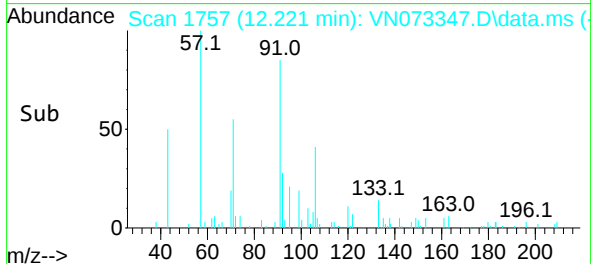
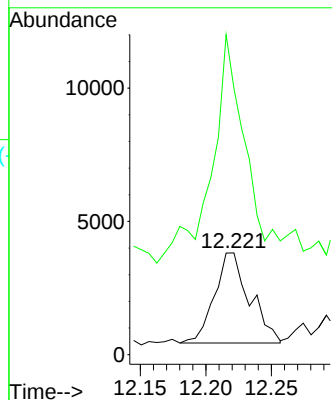
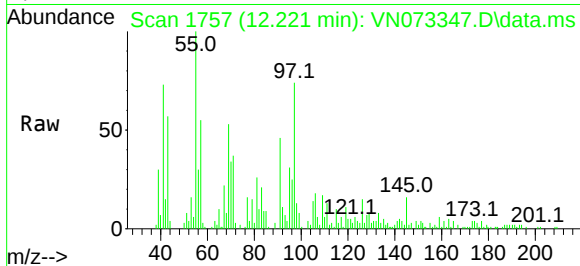




#69  
o-Xylene  
Concen: 0.831 ug/l  
RT: 12.221 min Scan# 1757  
Delta R.T. 0.005 min  
Lab File: VN073347.D  
Acq: 06 Jul 2022 16:00

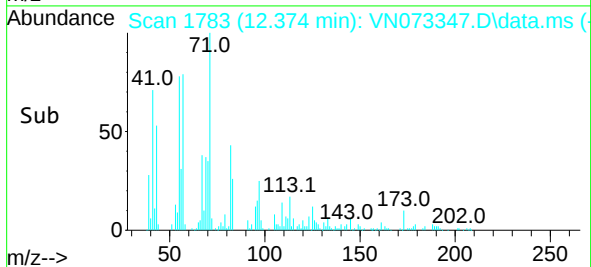
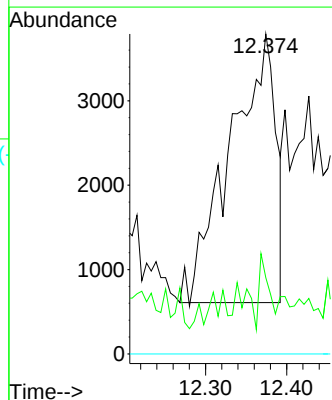
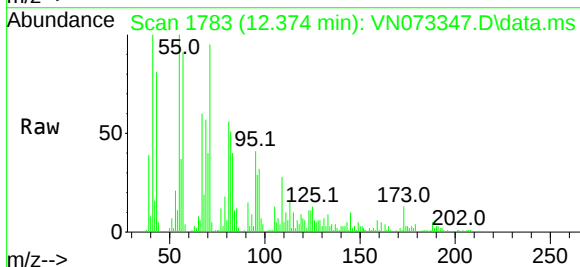
Instrument :  
MSVOA\_N  
ClientSampleId :  
WC-16-2-3

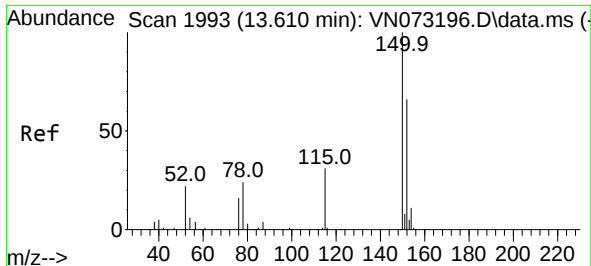
Tgt Ion:106 Resp: 6319  
Ion Ratio Lower Upper  
106 100  
91 272.4 106.0 318.0



#71  
Bromoform  
Concen: 4.235 ug/l  
RT: 12.374 min Scan# 1783  
Delta R.T. -0.024 min  
Lab File: VN073347.D  
Acq: 06 Jul 2022 16:00

Tgt Ion:173 Resp: 12396  
Ion Ratio Lower Upper  
173 100  
175 6.1 24.6 73.6#  
254 0.0 0.1 0.1#

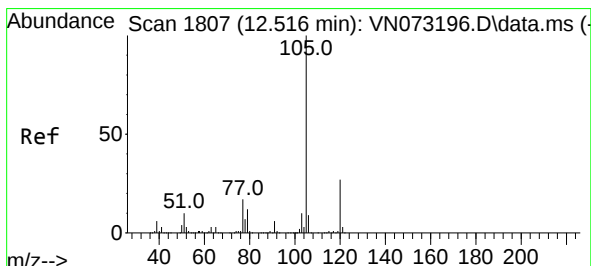
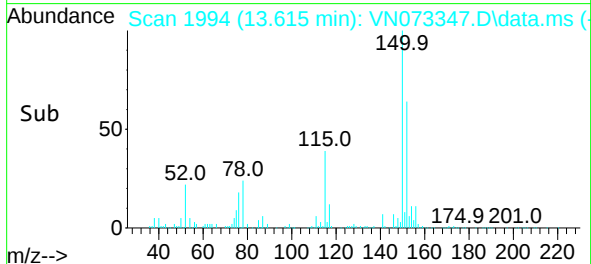
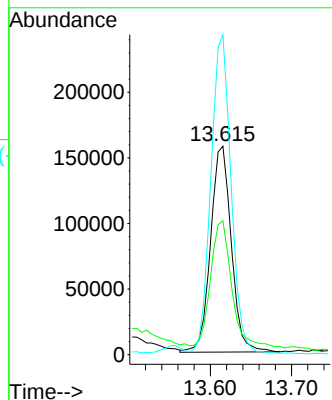
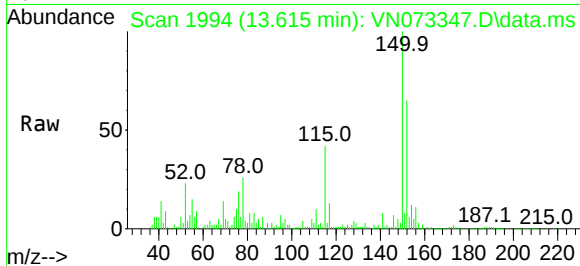




#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.615 min Scan# 1994  
Delta R.T. 0.005 min  
Lab File: VN073347.D  
Acq: 06 Jul 2022 16:00

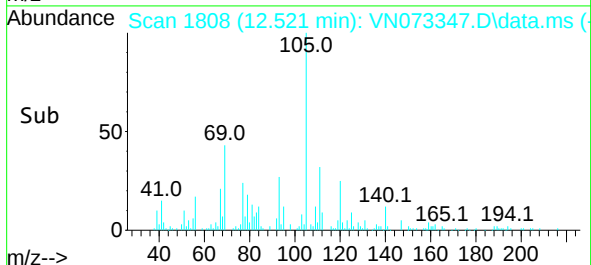
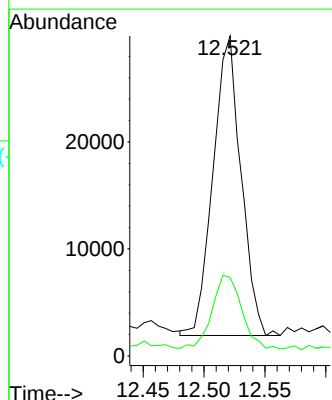
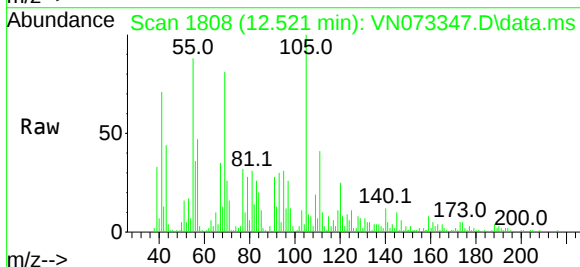
Instrument :  
MSVOA\_N  
ClientSampleId :  
WC-16-2-3

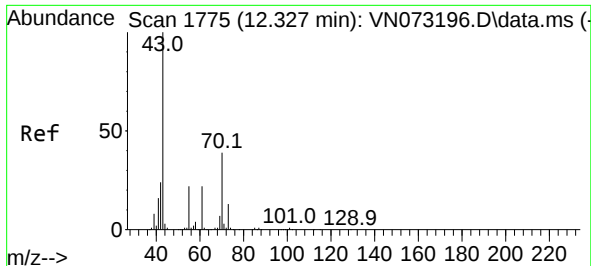
Tgt Ion:152 Resp: 278467  
Ion Ratio Lower Upper  
152 100  
115 64.6 28.9 86.7  
150 150.0 0.0 356.2



#73  
Isopropylbenzene  
Concen: 1.859 ug/l  
RT: 12.521 min Scan# 1808  
Delta R.T. 0.005 min  
Lab File: VN073347.D  
Acq: 06 Jul 2022 16:00

Tgt Ion:105 Resp: 44700  
Ion Ratio Lower Upper  
105 100  
120 26.0 13.5 40.4

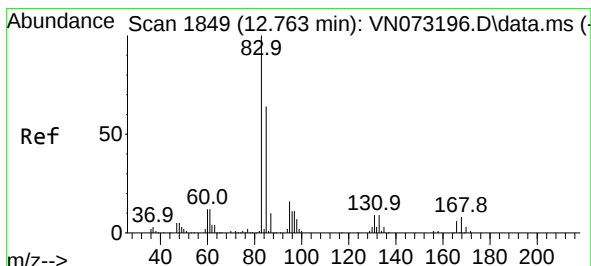
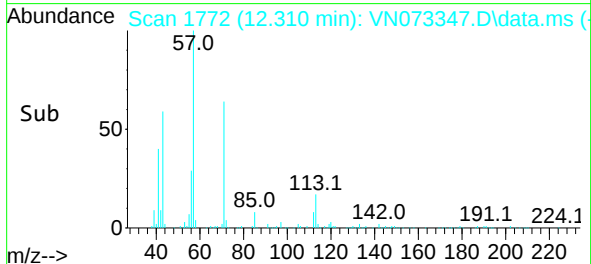
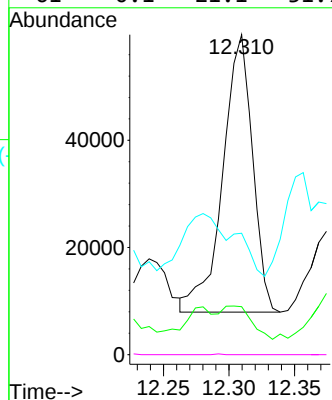
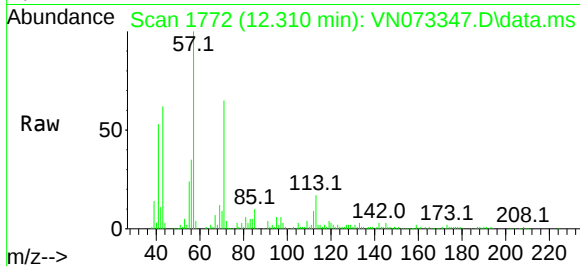




#74  
N-amy1 acetate  
Concen: 6.792 ug/l  
RT: 12.310 min Scan# 1775  
Delta R.T. -0.017 min  
Lab File: VN073347.D  
Acq: 06 Jul 2022 16:00

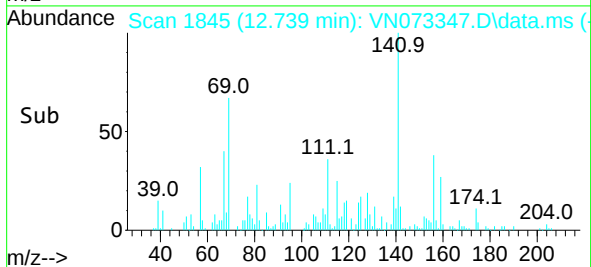
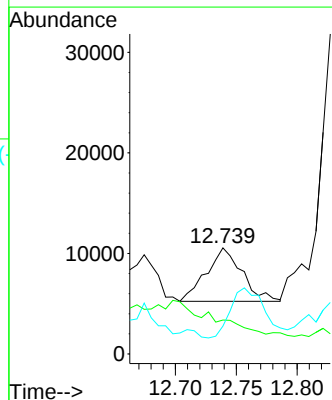
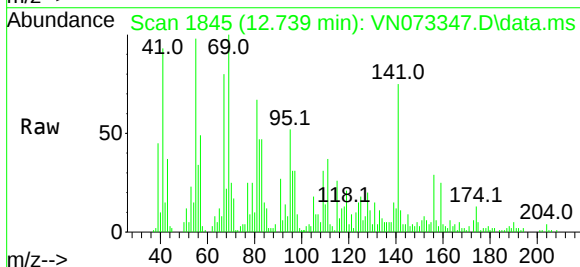
Instrument :  
MSVOA\_N  
ClientSampleId :  
WC-16-2-3

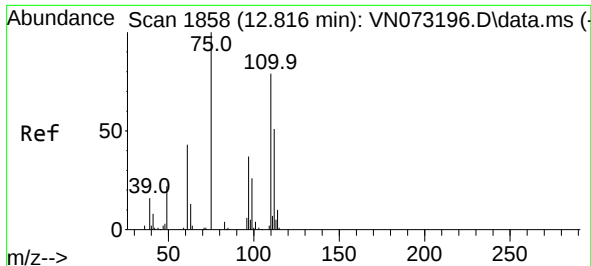
Tgt Ion: 43 Resp: 81779  
Ion Ratio Lower Upper  
43 100  
70 11.0 39.0 58.4#  
55 0.0 21.1 31.7#  
61 0.1 21.1 31.7#



#75  
1,1,2,2-Tetrachloroethane  
Concen: 1.362 ug/l  
RT: 12.739 min Scan# 1845  
Delta R.T. -0.024 min  
Lab File: VN073347.D  
Acq: 06 Jul 2022 16:00

Tgt Ion: 83 Resp: 10872  
Ion Ratio Lower Upper  
83 100  
131 0.0 5.3 15.9#  
85 100.2 32.3 96.9#

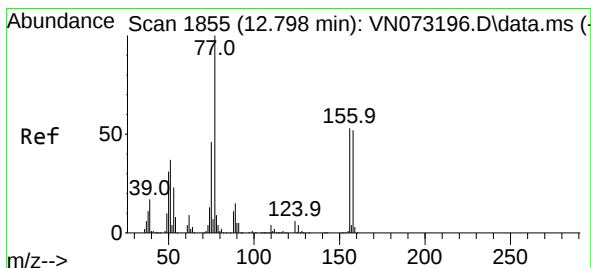
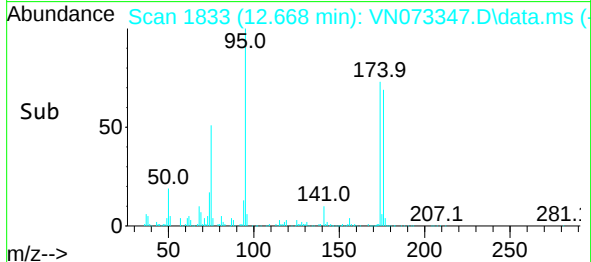
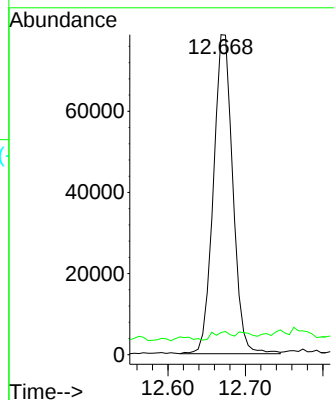
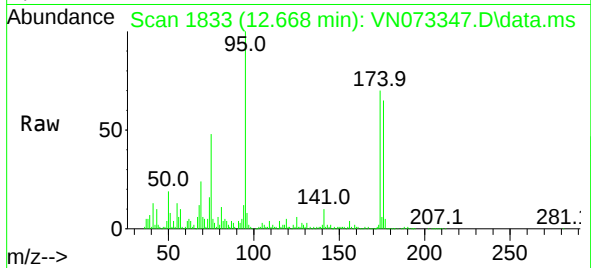




#76  
1,2,3-Trichloropropane  
Concen: 18.787 ug/l  
RT: 12.668 min Scan# 1833  
Delta R.T. -0.148 min  
Lab File: VN073347.D  
Acq: 06 Jul 2022 16:00

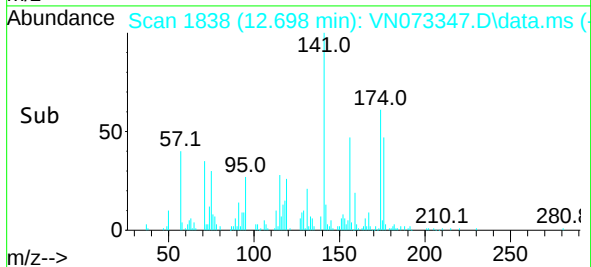
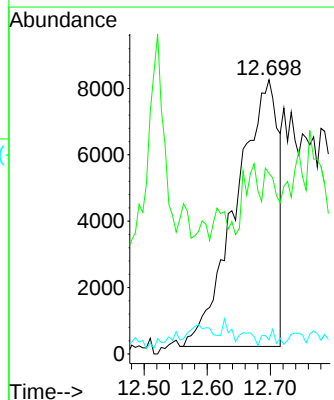
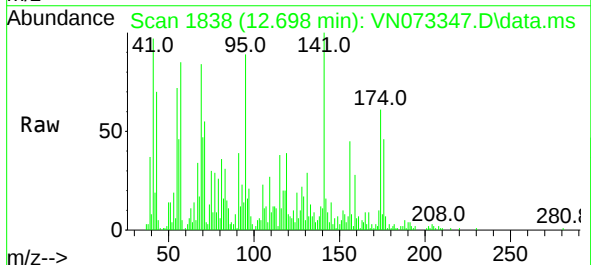
Instrument :  
MSVOA\_N  
ClientSampleId :  
WC-16-2-3

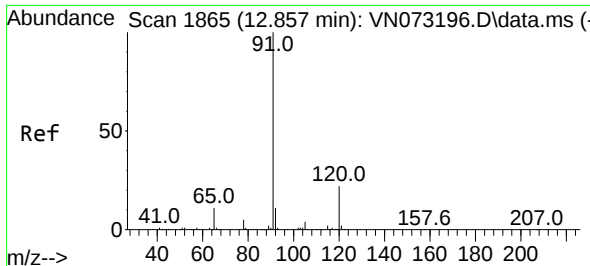
Tgt Ion: 75 Resp: 136795  
Ion Ratio Lower Upper  
75 100  
77 2.5 98.5 295.5#



#77  
Bromobenzene  
Concen: 6.665 ug/l  
RT: 12.698 min Scan# 1838  
Delta R.T. -0.100 min  
Lab File: VN073347.D  
Acq: 06 Jul 2022 16:00

Tgt Ion: 156 Resp: 37263  
Ion Ratio Lower Upper  
156 100  
77 2.8 100.5 301.5#  
158 0.7 48.9 146.6#

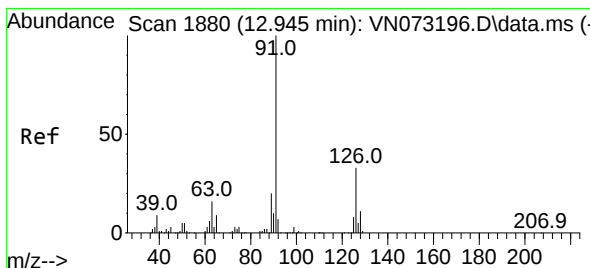
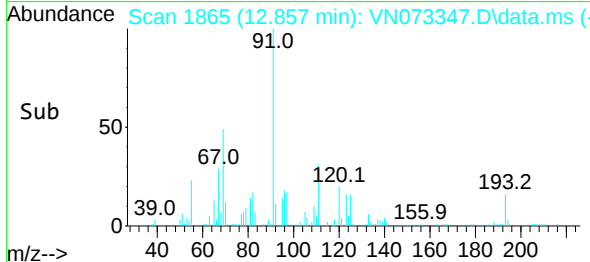
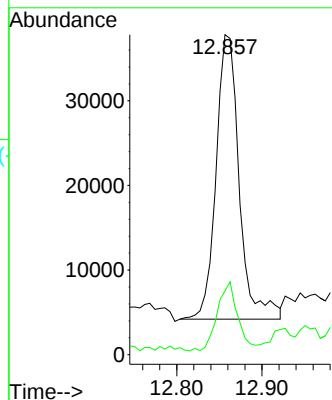
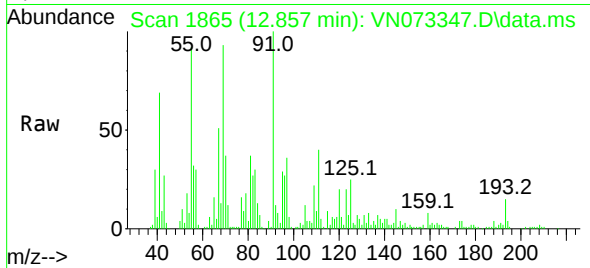




#78  
n-propylbenzene  
Concen: 2.377 ug/l  
RT: 12.857 min Scan# 1865  
Delta R.T. -0.000 min  
Lab File: VN073347.D  
Acq: 06 Jul 2022 16:00

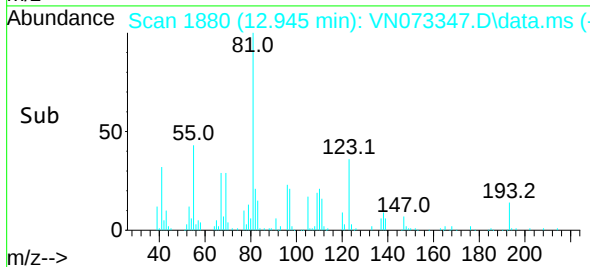
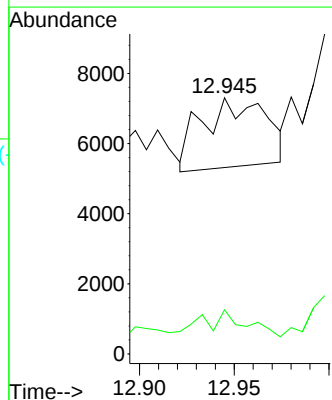
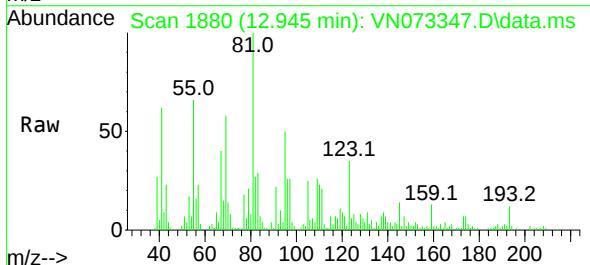
Instrument :  
MSVOA\_N  
ClientSampleId :  
WC-16-2-3

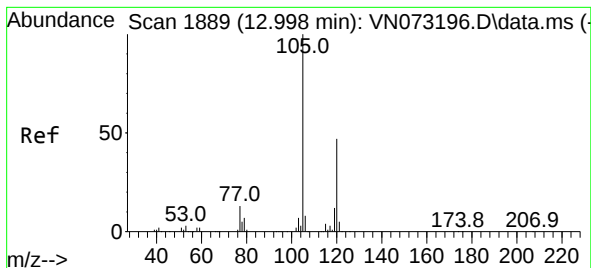
Tgt Ion: 91 Resp: 63487  
Ion Ratio Lower Upper  
91 100  
120 21.3 11.9 35.5



#79  
2-Chlorotoluene  
Concen: 0.272 ug/l  
RT: 12.945 min Scan# 1880  
Delta R.T. -0.000 min  
Lab File: VN073347.D  
Acq: 06 Jul 2022 16:00

Tgt Ion: 91 Resp: 4602  
Ion Ratio Lower Upper  
91 100  
126 0.0 17.3 51.9#





#80

1,3,5-Trimethylbenzene

Concen: 1.668 ug/l

RT: 12.998 min Scan# 1889

Delta R.T. -0.000 min

Lab File: VN073347.D

Acq: 06 Jul 2022 16:00

Instrument :

MSVOA\_N

ClientSampleId :

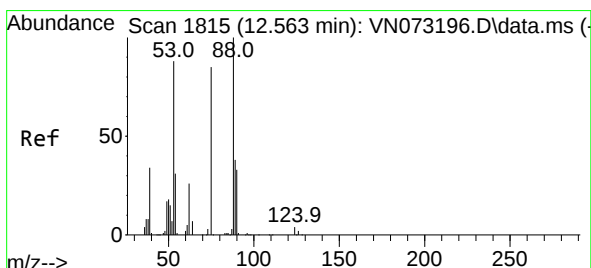
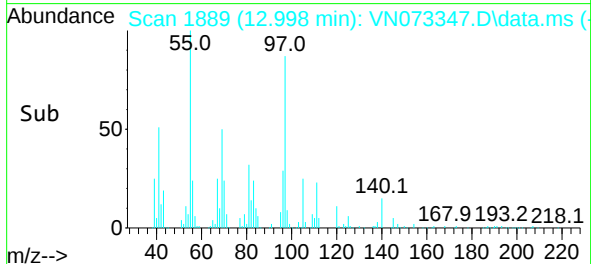
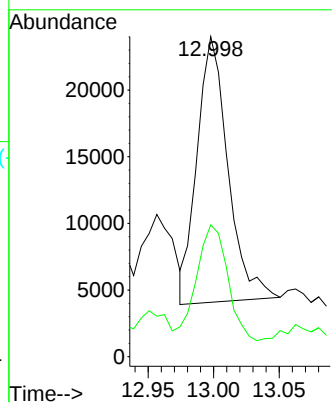
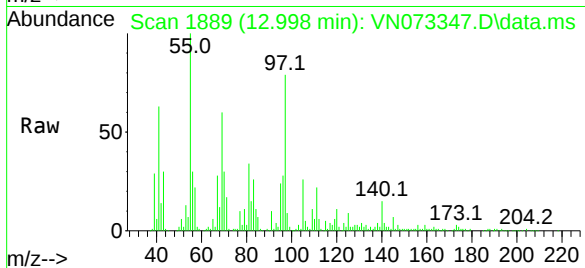
WC-16-2-3

Tgt Ion:105 Resp: 32688

Ion Ratio Lower Upper

105 100

120 48.0 24.9 74.7



#81

trans-1,4-Dichloro-2-butene

Concen: 51.523 ug/l

RT: 12.668 min Scan# 1833

Delta R.T. 0.105 min

Lab File: VN073347.D

Acq: 06 Jul 2022 16:00

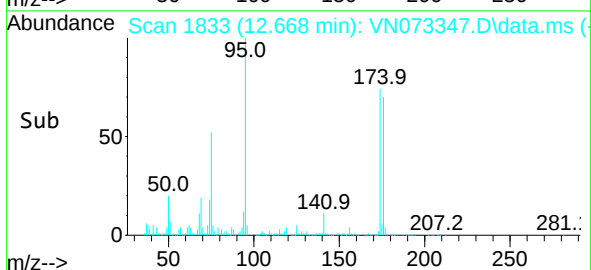
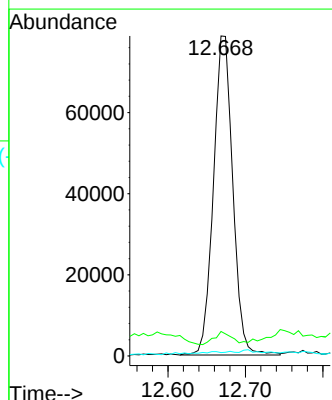
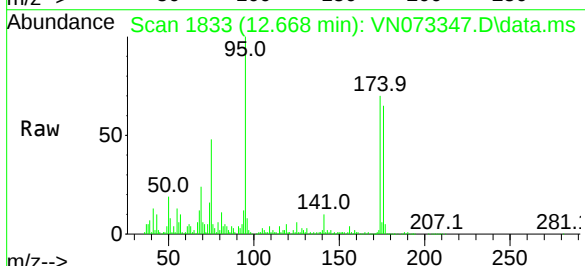
Tgt Ion: 75 Resp: 136795

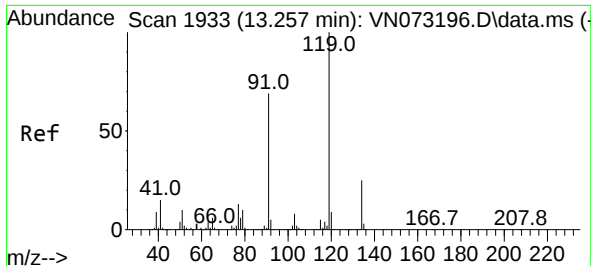
Ion Ratio Lower Upper

75 100

53 3.8 78.0 117.0#

89 0.6 37.2 55.8#

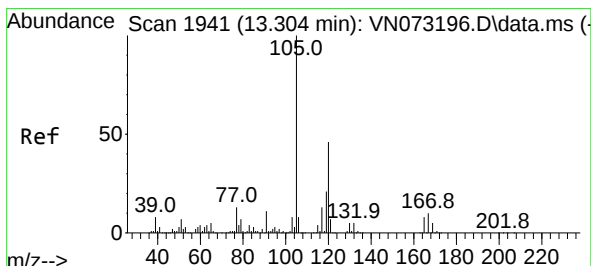
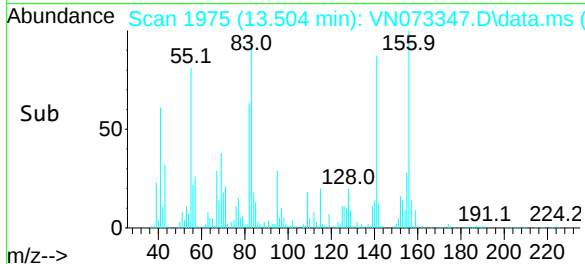
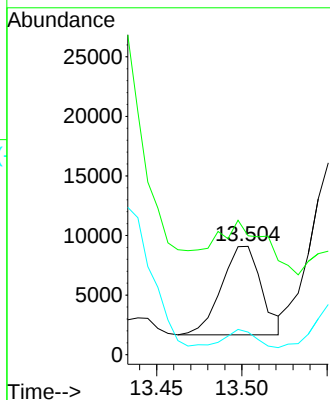
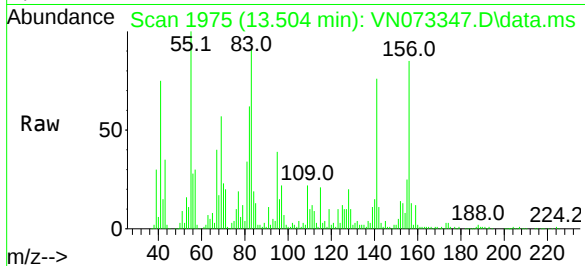




#83  
tert-Butylbenzene  
Concen: 0.691 ug/l  
RT: 13.504 min Scan# 1933  
Delta R.T. 0.247 min  
Lab File: VN073347.D  
Acq: 06 Jul 2022 16:00

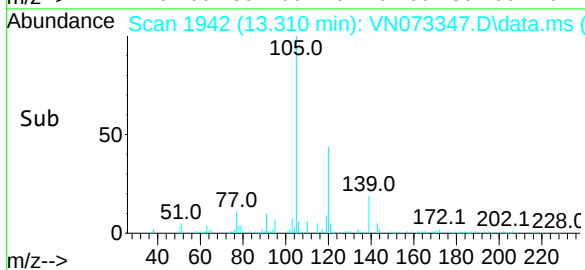
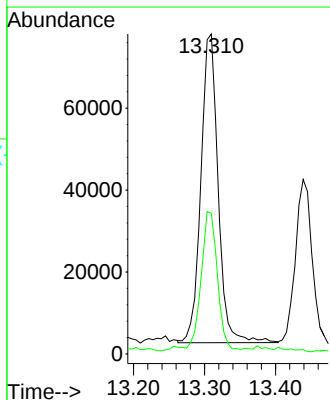
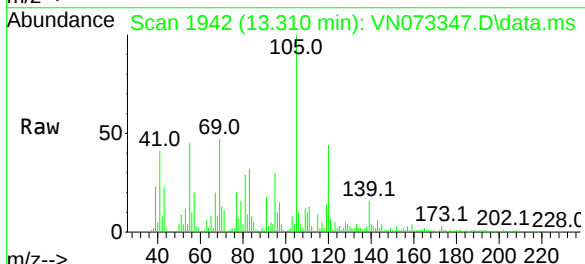
Instrument :  
MSVOA\_N  
ClientSampleId :  
WC-16-2-3

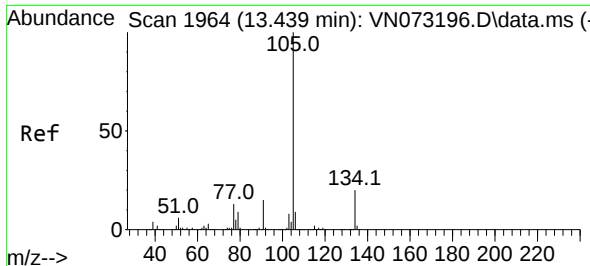
Tgt Ion:119 Resp: 12139  
Ion Ratio Lower Upper  
119 100  
91 74.9 31.6 94.8  
134 14.8 13.7 41.1



#84  
1,2,4-Trimethylbenzene  
Concen: 6.513 ug/l  
RT: 13.310 min Scan# 1942  
Delta R.T. 0.006 min  
Lab File: VN073347.D  
Acq: 06 Jul 2022 16:00

Tgt Ion:105 Resp: 127444  
Ion Ratio Lower Upper  
105 100  
120 41.2 23.3 69.8

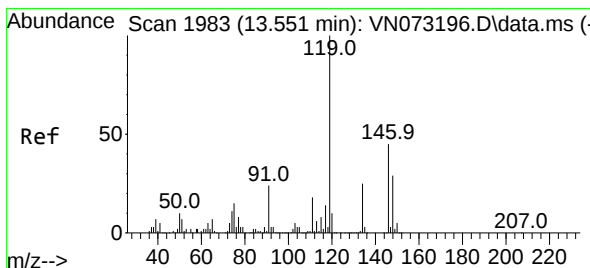
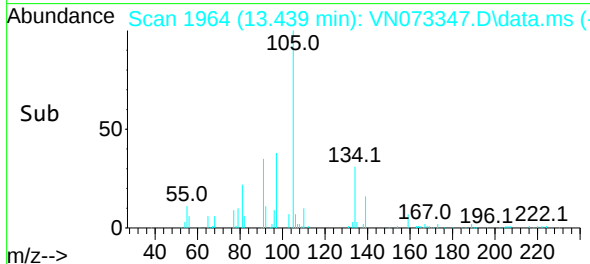
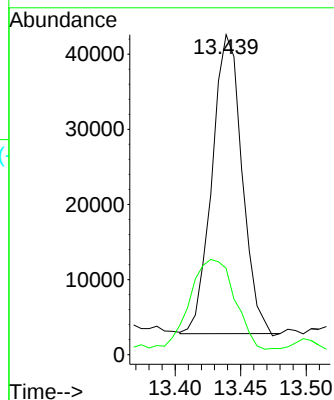
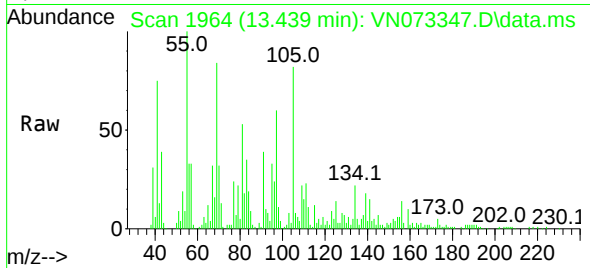




#85  
 sec-Butylbenzene  
 Concen: 2.682 ug/l  
 RT: 13.439 min Scan# 1964  
 Delta R.T. -0.000 min  
 Lab File: VN073347.D  
 Acq: 06 Jul 2022 16:00

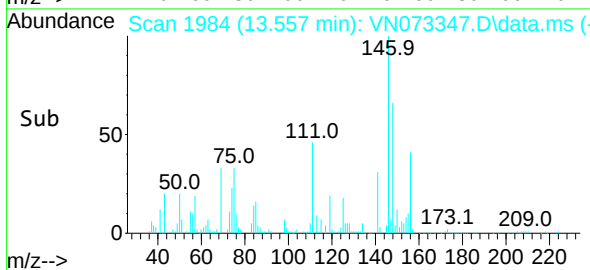
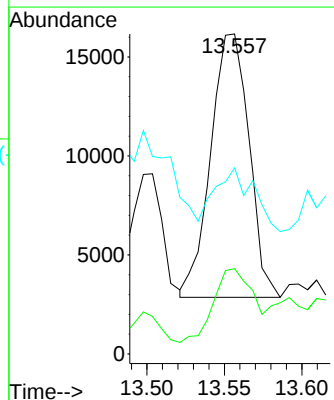
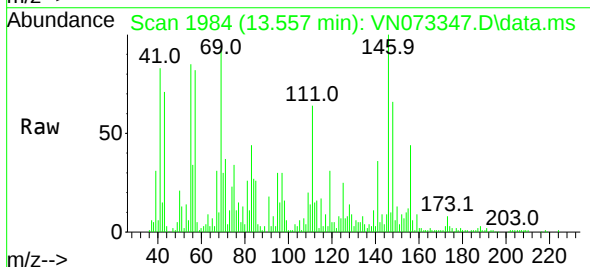
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 WC-16-2-3

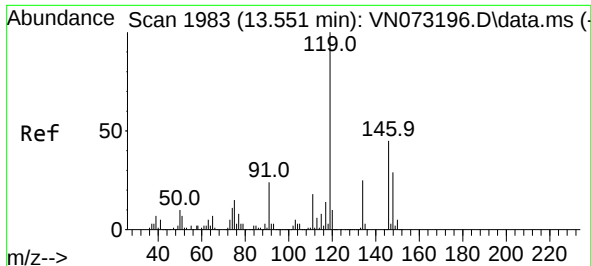
Tgt Ion:105 Resp: 63294  
 Ion Ratio Lower Upper  
 105 100  
 134 44.0 10.4 31.1#



#86  
 p-Isopropyltoluene  
 Concen: 1.200 ug/l  
 RT: 13.557 min Scan# 1984  
 Delta R.T. 0.006 min  
 Lab File: VN073347.D  
 Acq: 06 Jul 2022 16:00

Tgt Ion:119 Resp: 22869  
 Ion Ratio Lower Upper  
 119 100  
 134 28.8 13.3 39.8  
 91 24.4 11.3 33.9

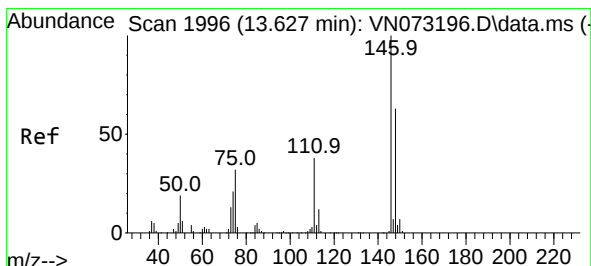
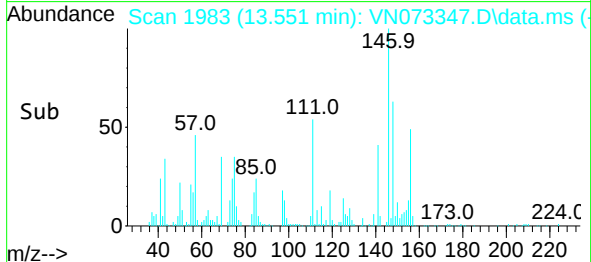
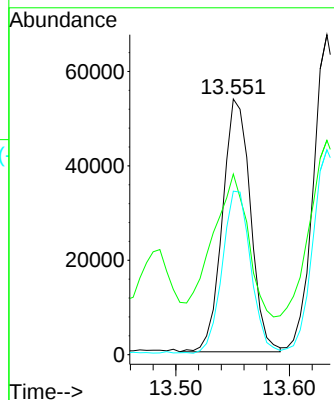
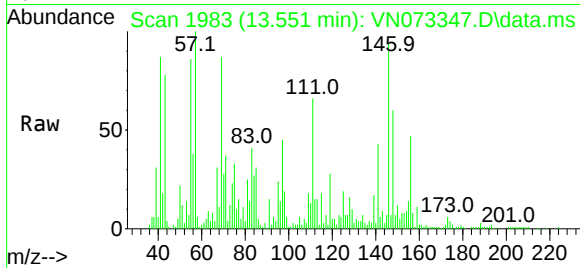




#87  
1,3-Dichlorobenzene  
Concen: 9.150 ug/l  
RT: 13.551 min Scan# 1983  
Delta R.T. -0.000 min  
Lab File: VN073347.D  
Acq: 06 Jul 2022 16:00

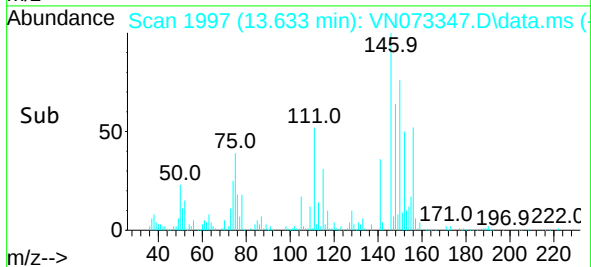
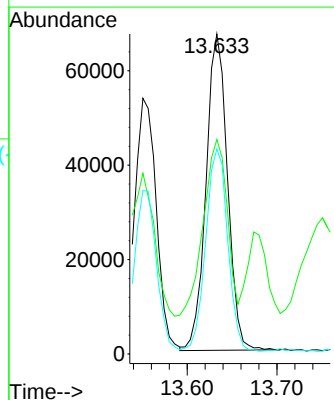
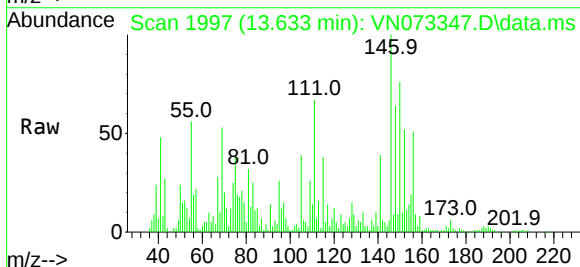
Instrument :  
MSVOA\_N  
ClientSampleId :  
WC-16-2-3

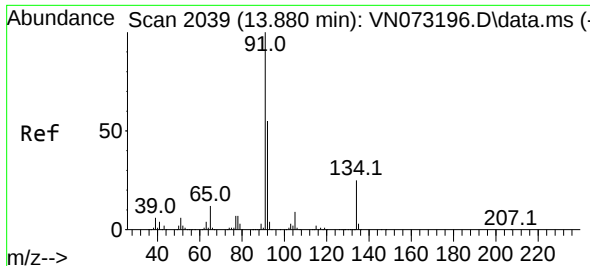
Tgt Ion:146 Resp: 91772  
Ion Ratio Lower Upper  
146 100  
111 70.0 20.0 60.0#  
148 64.7 32.0 96.0



#88  
1,4-Dichlorobenzene  
Concen: 11.043 ug/l  
RT: 13.633 min Scan# 1997  
Delta R.T. 0.006 min  
Lab File: VN073347.D  
Acq: 06 Jul 2022 16:00

Tgt Ion:146 Resp: 110980  
Ion Ratio Lower Upper  
146 100  
111 61.8 19.1 57.1#  
148 65.9 31.4 94.3





#89

n-Butylbenzene

Concen: 4.758 ug/l

RT: 13.880 min Scan# 2039

Delta R.T. 0.000 min

Lab File: VN073347.D

Acq: 06 Jul 2022 16:00

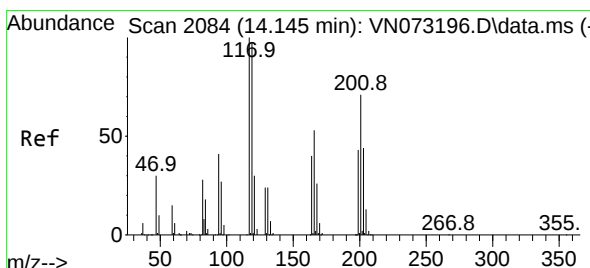
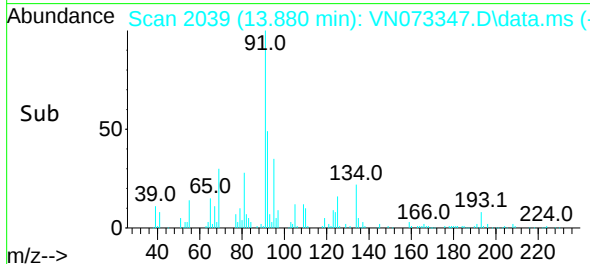
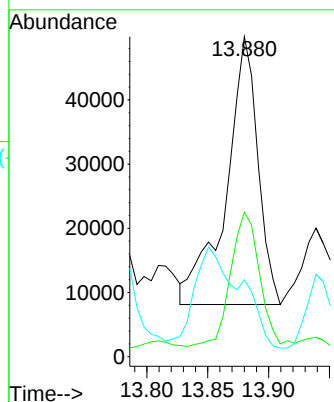
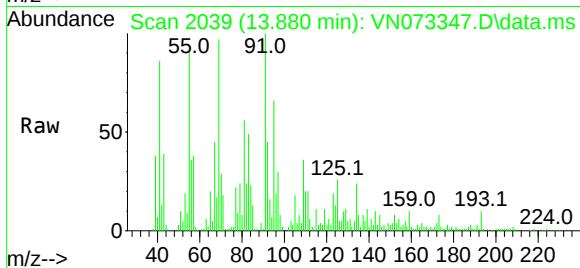
Instrument :

MSVOA\_N

ClientSampleId :

WC-16-2-3

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 91    | Resp: | 75570 |
| Ion Ratio | Lower | Upper |       |
| 91        | 100   |       |       |
| 92        | 46.7  | 26.9  | 80.7  |
| 134       | 0.0   | 13.6  | 40.8  |



#90

Hexachloroethane

Concen: 5.427 ug/l

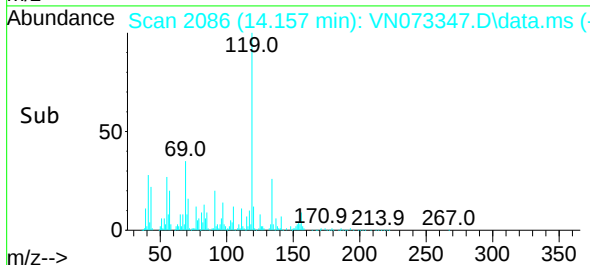
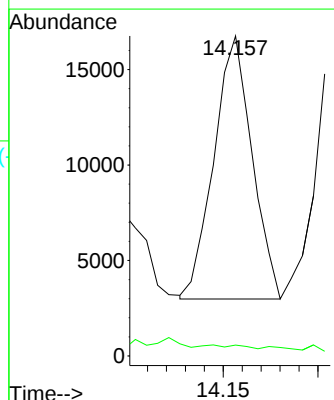
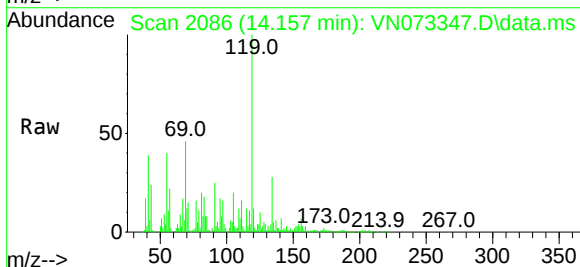
RT: 14.157 min Scan# 2086

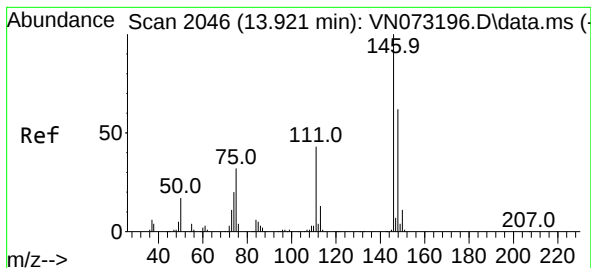
Delta R.T. 0.012 min

Lab File: VN073347.D

Acq: 06 Jul 2022 16:00

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 117   | Resp: | 19279 |
| Ion Ratio | Lower | Upper |       |
| 117       | 100   |       |       |
| 201       | 0.0   | 40.6  | 122.0 |





#91

1,2-Dichlorobenzene

Concen: 19.859 ug/l

RT: 13.927 min Scan# 2046

Delta R.T. 0.006 min

Lab File: VN073347.D

Acq: 06 Jul 2022 16:00

Instrument :

MSVOA\_N

ClientSampleId :

WC-16-2-3

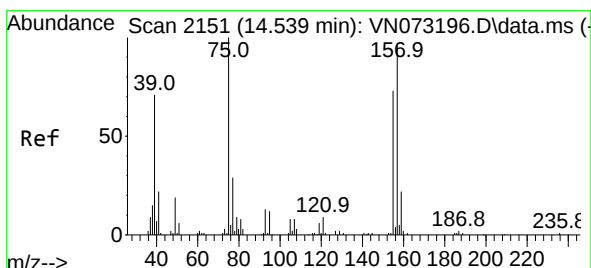
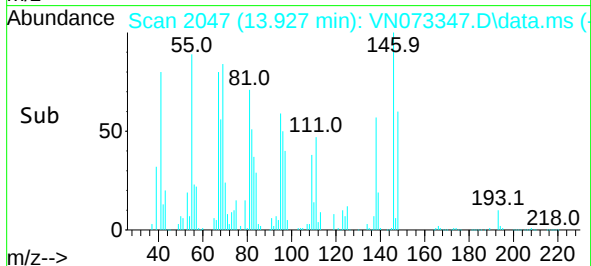
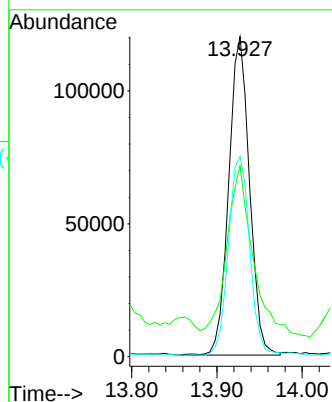
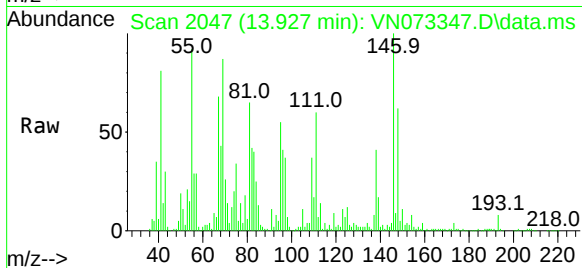
Tgt Ion:146 Resp: 202902

Ion Ratio Lower Upper

146 100

111 68.0 20.9 62.8#

148 64.8 32.1 96.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.508 ug/l

RT: 14.515 min Scan# 2147

Delta R.T. -0.024 min

Lab File: VN073347.D

Acq: 06 Jul 2022 16:00

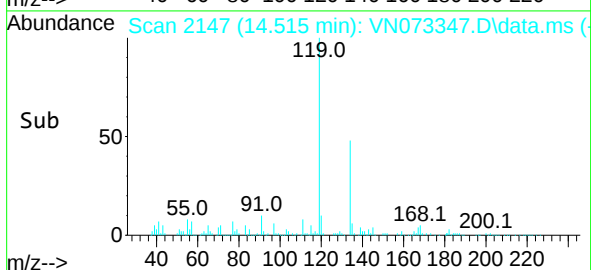
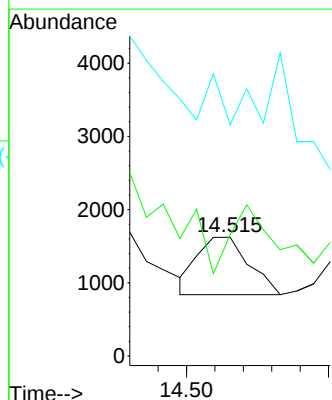
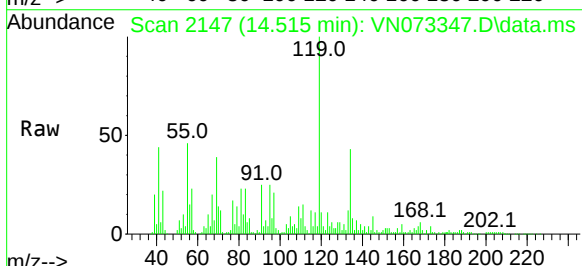
Tgt Ion: 75 Resp: 986

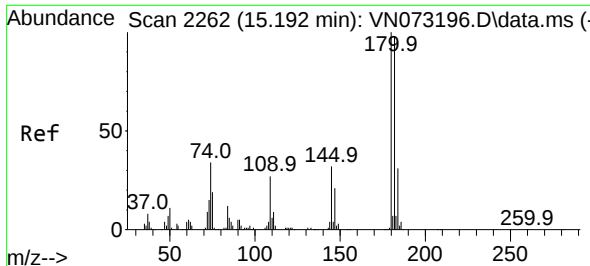
Ion Ratio Lower Upper

75 100

155 105.0 44.9 134.5

157 0.0 59.0 176.8#

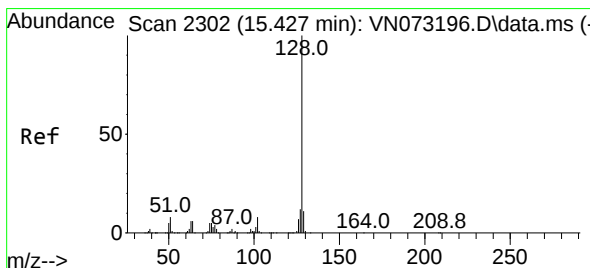
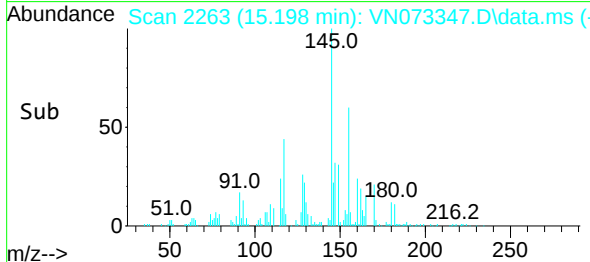
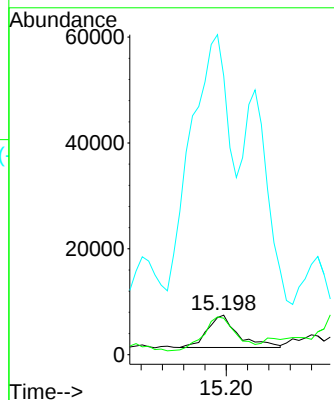
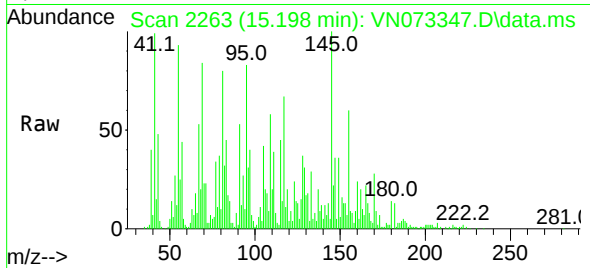




#93  
1,2,4-Trichlorobenzene  
Concen: 2.316 ug/l  
RT: 15.198 min Scan# 211  
Delta R.T. 0.006 min  
Lab File: VN073347.D  
Acq: 06 Jul 2022 16:00

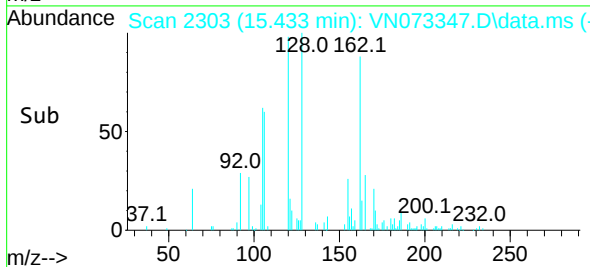
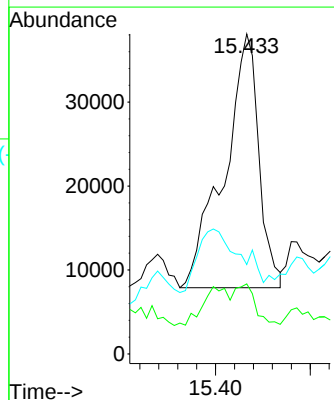
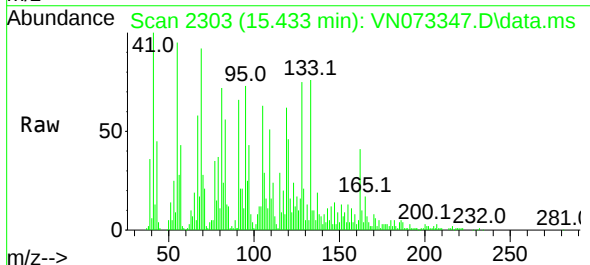
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MSVOA\_N  
ClientSampleId :  
WC-16-2-3

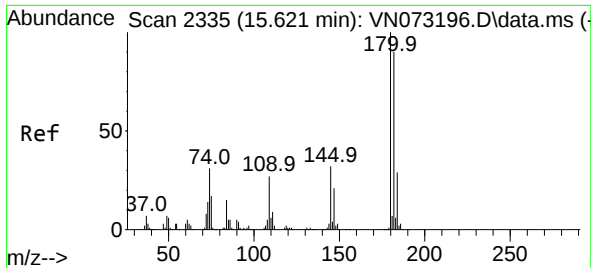
Tgt Ion:180 Resp: 12319  
Ion Ratio Lower Upper  
180 100  
182 110.3 47.5 142.5  
145 1182.9 14.5 43.5#



#95  
Naphthalene  
Concen: 3.588 ug/l  
RT: 15.433 min Scan# 2303  
Delta R.T. 0.006 min  
Lab File: VN073347.D  
Acq: 06 Jul 2022 16:00

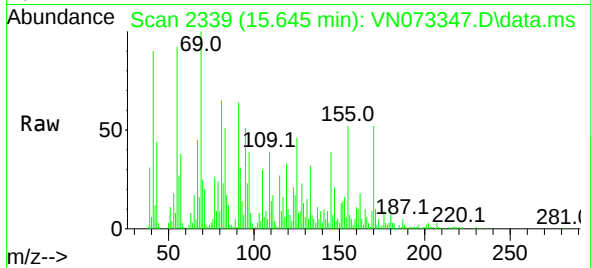
Tgt Ion:128 Resp: 76998  
Ion Ratio Lower Upper  
128 100  
127 9.1 10.3 15.5#  
129 0.0 8.6 13.0#





#96  
 1,2,3-Trichlorobenzene  
 Concen: 1.447 ug/l  
 RT: 15.645 min Scan# 21  
 Delta R.T. 0.024 min  
 Lab File: VN073347.D  
 Acq: 06 Jul 2022 16:00

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 WC-16-2-3



Tgt Ion:180 Resp: 7942  
 Ion Ratio Lower Upper  
 180 100  
 182 0.0 47.8 143.3#  
 145 0.0 15.5 46.5#

