

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN062522\  
 Data File : VN073135.D  
 Acq On : 26 Jun 2022 03:19  
 Operator : JC\MD  
 Sample : N3494-21  
 Misc : 3.37g/5mL/100uL/5.00mL/MSVOA\_N/MEOH  
 ALS Vial : 43 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 SP-EXC-1-3

Quant Time: Jun 27 03:54:31 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         | 8.010  | 168   | 350457   | 50.000    | ug/l   | 0.00      |
| 34) 1,4-Difluorobenzene       | 8.898  | 114   | 544159   | 50.000    | ug/l   | 0.00      |
| 63) Chlorobenzene-d5          | 11.680 | 117   | 516128   | 50.000    | ug/l   | 0.00      |
| 72) 1,4-Dichlorobenzene-d4    | 13.610 | 152   | 305274   | 50.000    | ug/l   | 0.00      |
| System Monitoring Compounds   |        |       |          |           |        |           |
| 33) 1,2-Dichloroethane-d4     | 8.363  | 65    | 194625   | 41.077    | ug/l   | 0.00      |
| Spiked Amount                 | 50.000 | Range | 74 - 125 | Recovery  | =      | 82.160%   |
| 35) Dibromofluoromethane      | 7.945  | 113   | 165527   | 49.214    | ug/l   | 0.00      |
| Spiked Amount                 | 50.000 | Range | 75 - 124 | Recovery  | =      | 98.420%   |
| 50) Toluene-d8                | 10.375 | 98    | 609852   | 48.729    | ug/l   | 0.00      |
| Spiked Amount                 | 50.000 | Range | 86 - 113 | Recovery  | =      | 97.460%   |
| 62) 4-Bromofluorobenzene      | 12.669 | 95    | 302333   | 67.180    | ug/l   | 0.00      |
| Spiked Amount                 | 50.000 | Range | 83 - 123 | Recovery  | =      | 134.360%# |
| Target Compounds              |        |       |          |           |        |           |
|                               |        |       |          |           | Qvalue |           |
| 3) Chloromethane              | 2.257  | 50    | 589      | 0.732     | ug/l # | 68        |
| 11) Tert butyl alcohol        | 5.216  | 59    | 29767    | 24.321    | ug/l # | 72        |
| 14) Allyl chloride            | 4.769  | 41    | 11235    | 1.567     | ug/l # | 25        |
| 16) Acetone                   | 4.251  | 43    | 21928    | 8.419     | ug/l   | 90        |
| 17) Carbon Disulfide          | 4.398  | 76    | 4624     | 0.538     | ug/l # | 93        |
| 18) Methyl Acetate            | 4.769  | 43    | 775040   | 111.748   | ug/l   | 91        |
| 20) Methylene Chloride        | 4.975  | 84    | 485      | Below Cal | #      | 10        |
| 26) 2,2-Dichloropropane       | 7.228  | 77    | 73       | Below Cal | #      | 1         |
| 31) Cyclohexane               | 8.004  | 56    | 14411    | 2.248     | ug/l # | 51        |
| 36) 1,1-Dichloropropene       | 8.010  | 75    | 25480    | 5.599     | ug/l # | 52        |
| 37) Ethyl Acetate             | 7.304  | 43    | 5827     | 0.800     | ug/l # | 86        |
| 38) Carbon Tetrachloride      | 8.016  | 117   | 35645    | 7.446     | ug/l # | 14        |
| 39) Methylcyclohexane         | 9.380  | 83    | 36496    | 6.653     | ug/l # | 87        |
| 40) Benzene                   | 8.381  | 78    | 626503   | 43.803    | ug/l   | 99        |
| 42) 1,2-Dichloroethane        | 8.381  | 62    | 5761     | 1.134     | ug/l   | 96        |
| 43) Isopropyl Acetate         | 8.475  | 43    | 18046    | 1.734     | ug/l # | 53        |
| 47) Bromodichloromethane      | 9.663  | 83    | 6751     | 1.374     | ug/l # | 41        |
| 48) Methyl methacrylate       | 9.439  | 41    | 11636    | 2.449     | ug/l # | 42        |
| 51) 4-Methyl-2-Pentanone      | 10.369 | 43    | 14078    | 2.075     | ug/l   | 93        |
| 52) Toluene                   | 10.439 | 92    | 12474    | 1.421     | ug/l   | 94        |
| 55) 1,1,2-Trichloroethane     | 10.810 | 97    | 85825    | 22.259    | ug/l # | 22        |
| 56) Ethyl methacrylate        | 10.716 | 69    | 49907    | 8.076     | ug/l # | 2         |
| 58) 2-Chloroethyl Vinyl ether | 9.880  | 63    | 675      | 0.247     | ug/l   | 95        |
| 59) 2-Hexanone                | 10.986 | 43    | 178846   | 34.077    | ug/l # | 25        |
| 61) 1,2-Dibromoethane         | 11.304 | 107   | 1371     | 0.361     | ug/l   | 88        |
| 65) Chlorobenzene             | 11.710 | 112   | 5067268  | 502.720   | ug/l   | 98        |
| 66) 1,1,1,2-Tetrachloroethane | 11.722 | 131   | 1140     | 0.297     | ug/l # | 29        |
| 67) Ethyl Benzene             | 11.780 | 91    | 54236    | 3.057     | ug/l   | 97        |
| 68) m/p-Xylenes               | 11.892 | 106   | 25295    | 3.635     | ug/l   | 99        |
| 71) Bromoform                 | 12.357 | 173   | 36838    | 12.735    | ug/l # | 30        |
| 73) Isopropylbenzene          | 12.516 | 105   | 46509    | 1.969     | ug/l   | 87        |
| 74) N-amyl acetate            | 12.304 | 43    | 238101   | 19.428    | ug/l # | 39        |
| 75) 1,1,2,2-Tetrachloroethane | 12.739 | 83    | 27512    | 3.235     | ug/l # | 94        |
| 76) 1,2,3-Trichloropropane    | 12.669 | 75    | 145158   | 19.612    | ug/l # | 1         |
| 77) Bromobenzene              | 12.686 | 156   | 28888    | 5.106     | ug/l # | 1         |
| 78) n-propylbenzene           | 12.857 | 91    | 108867   | 4.191     | ug/l   | 98        |

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 Acq On : 26 Jun 2022 03:19  
 Operator : JC\MD  
 Sample : N3494-21  
 Misc : 3.37g/5mL/100uL/5.00mL/MSVOA\_N/MEOH  
 ALS Vial : 43 Sample Multiplier: 1

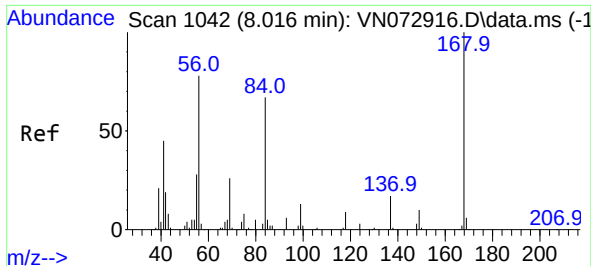
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 SP-EXC-1-3

Quant Time: Jun 27 03:54:31 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) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| 79) 2-Chlorotoluene           | 12.945 | 91   | 18050    | 1.073  | ug/l # | 62       |
| 80) 1,3,5-Trimethylbenzene    | 12.957 | 105  | 15488    | 0.798  | ug/l   | 68       |
| 81) trans-1,4-Dichloro-2-b... | 12.669 | 75   | 144533   | 52.738 | ug/l # | 14       |
| 82) 4-Chlorotoluene           | 13.033 | 91   | 4269     | 0.268  | ug/l # | 27       |
| 83) tert-Butylbenzene         | 13.257 | 119  | 14634    | 0.824  | ug/l # | 22       |
| 84) 1,2,4-Trimethylbenzene    | 13.304 | 105  | 32594    | 1.687  | ug/l   | 73       |
| 85) sec-Butylbenzene          | 13.439 | 105  | 74308    | 3.135  | ug/l # | 75       |
| 86) p-Isopropyltoluene        | 13.710 | 119  | 70329    | 3.665  | ug/l   | 92       |
| 87) 1,3-Dichlorobenzene       | 13.551 | 146  | 37701    | 3.732  | ug/l # | 14       |
| 88) 1,4-Dichlorobenzene       | 13.627 | 146  | 75179    | 7.354  | ug/l # | 61       |
| 89) n-Butylbenzene            | 13.880 | 91   | 66579    | 4.249  | ug/l # | 78       |
| 90) Hexachloroethane          | 14.151 | 117  | 124286   | 34.357 | ug/l # | 9        |
| 91) 1,2-Dichlorobenzene       | 13.921 | 146  | 127987   | 12.150 | ug/l # | 60       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.792 | 75   | 2600     | 1.131  | ug/l   | 69       |
| 93) 1,2,4-Trichlorobenzene    | 15.192 | 180  | 2873     | 0.493  | ug/l # | 1        |
| 96) 1,2,3-Trichlorobenzene    | 15.586 | 180  | 8717     | 1.400  | ug/l # | 1        |
| -----                         |        |      |          |        |        |          |

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

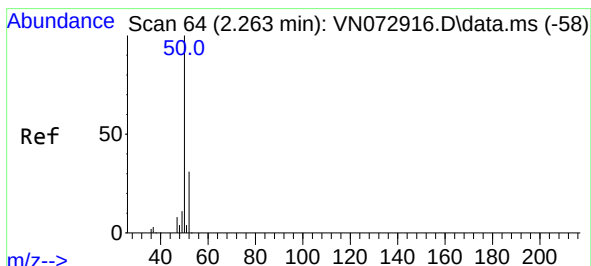
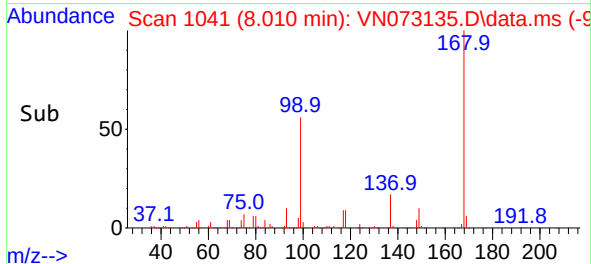
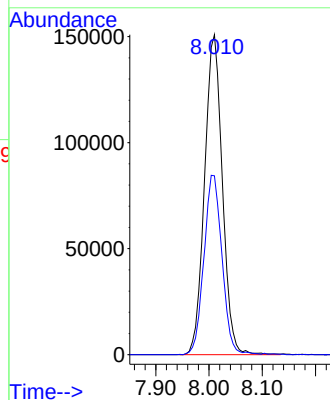
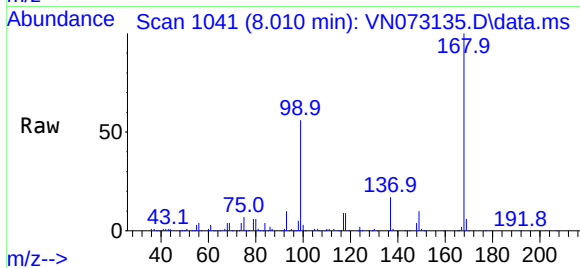




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.010 min Scan# 10  
Delta R.T. -0.006 min  
Lab File: VN073135.D  
Acq: 26 Jun 2022 03:19

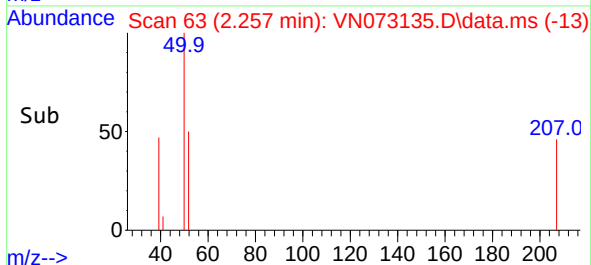
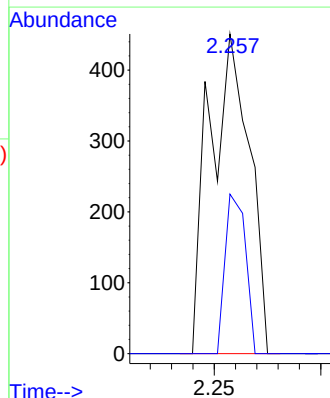
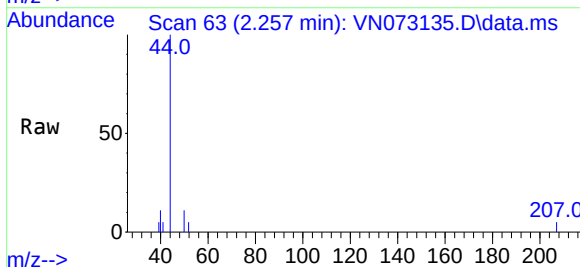
Instrument :  
MSVOA\_N  
ClientSampleId :  
SP-EXC-1-3

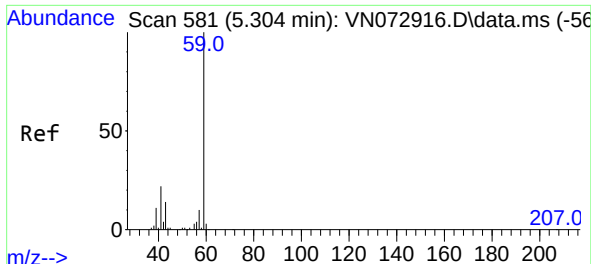
Tgt Ion:168 Resp: 350457  
Ion Ratio Lower Upper  
168 100  
99 55.8 42.3 63.5



#3  
Chloromethane  
Concen: 0.732 ug/l  
RT: 2.257 min Scan# 63  
Delta R.T. -0.006 min  
Lab File: VN073135.D  
Acq: 26 Jun 2022 03:19

Tgt Ion: 50 Resp: 589  
Ion Ratio Lower Upper  
50 100  
52 49.9 25.7 38.5#

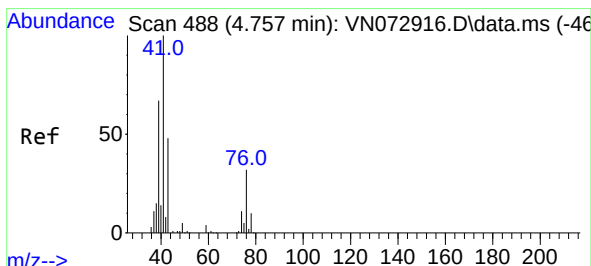
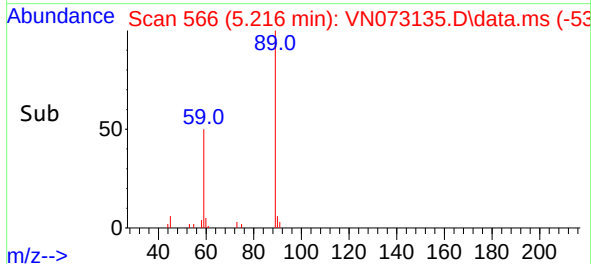
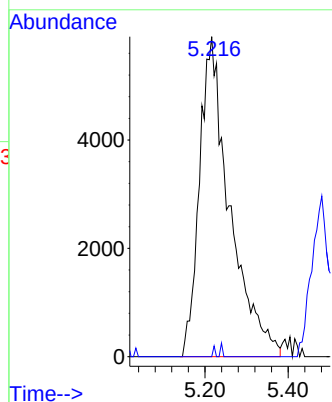
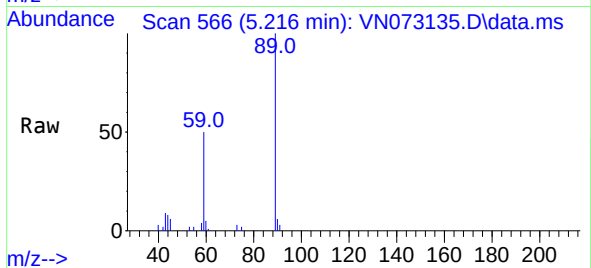




#11  
Tert butyl alcohol  
Concen: 24.321 ug/l  
RT: 5.216 min Scan# 50  
Delta R.T. -0.088 min  
Lab File: VN073135.D  
Acq: 26 Jun 2022 03:19

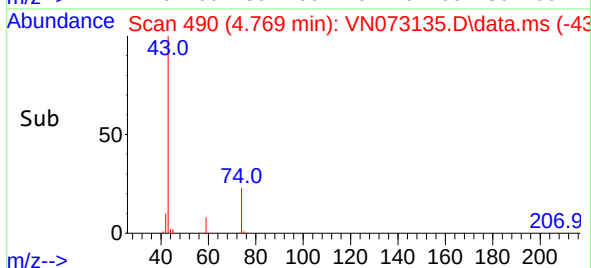
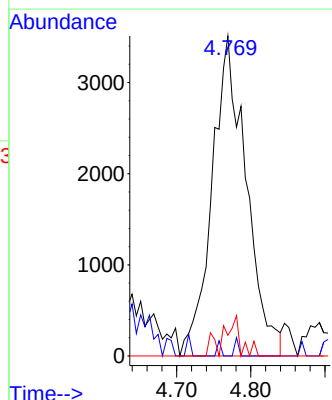
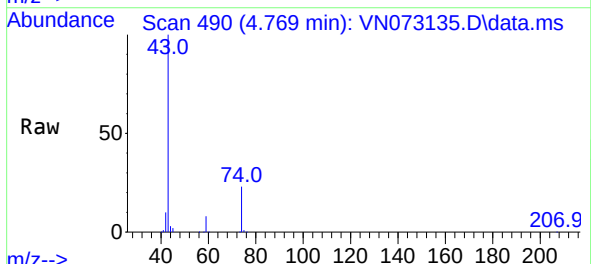
Instrument :  
MSVOA\_N  
ClientSampleId :  
SP-EXC-1-3

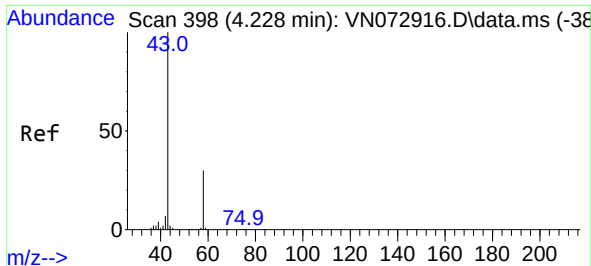
Tgt Ion: 59 Resp: 29767  
Ion Ratio Lower Upper  
59 100  
57 0.0 8.3 12.5#



#14  
Allyl chloride  
Concen: 1.567 ug/l  
RT: 4.769 min Scan# 490  
Delta R.T. 0.012 min  
Lab File: VN073135.D  
Acq: 26 Jun 2022 03:19

Tgt Ion: 41 Resp: 11235  
Ion Ratio Lower Upper  
41 100  
39 0.5 53.2 79.8#  
76 0.0 29.9 44.9#

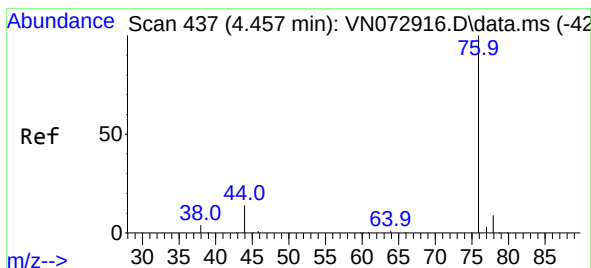
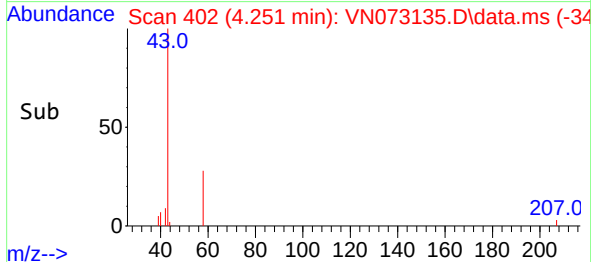
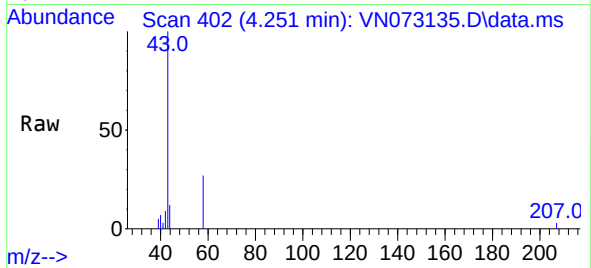




#16  
Acetone  
Concen: 8.419 ug/l  
RT: 4.251 min Scan# 402  
Delta R.T. 0.024 min  
Lab File: VN073135.D  
Acq: 26 Jun 2022 03:19

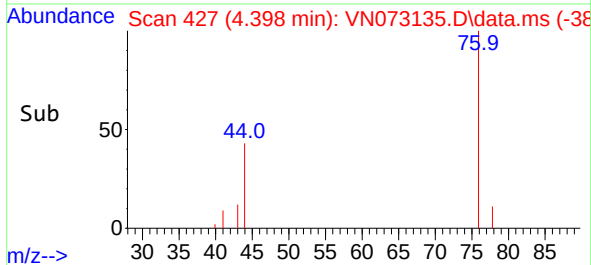
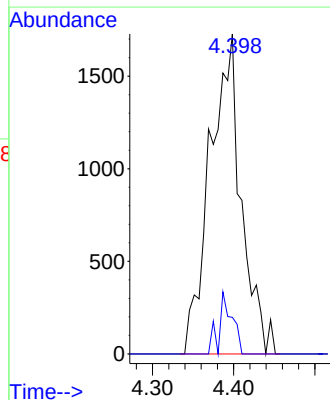
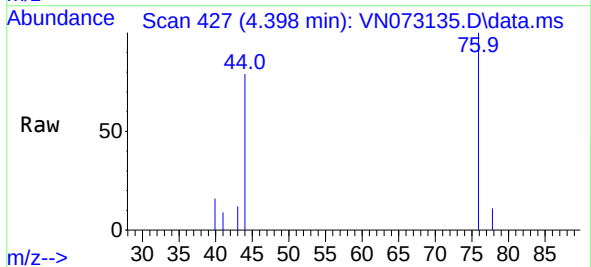
Instrument :  
MSVOA\_N  
ClientSampleId :  
SP-EXC-1-3

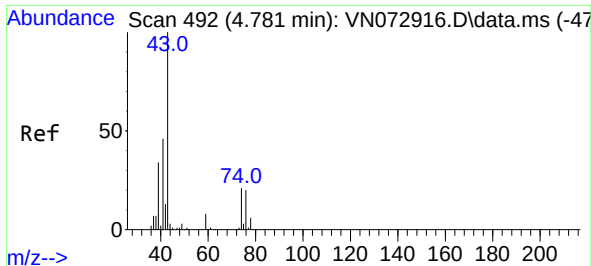
Tgt Ion: 43 Resp: 21928  
Ion Ratio Lower Upper  
43 100  
58 26.8 26.0 39.0



#17  
Carbon Disulfide  
Concen: 0.538 ug/l  
RT: 4.398 min Scan# 427  
Delta R.T. -0.059 min  
Lab File: VN073135.D  
Acq: 26 Jun 2022 03:19

Tgt Ion: 76 Resp: 4624  
Ion Ratio Lower Upper  
76 100  
78 11.5 7.2 10.8#

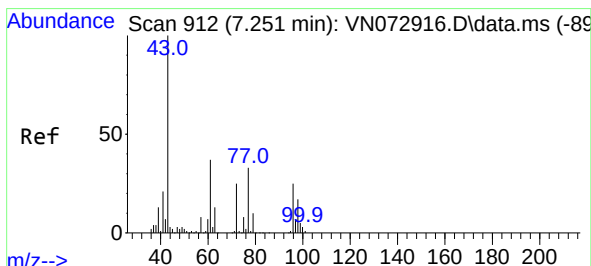
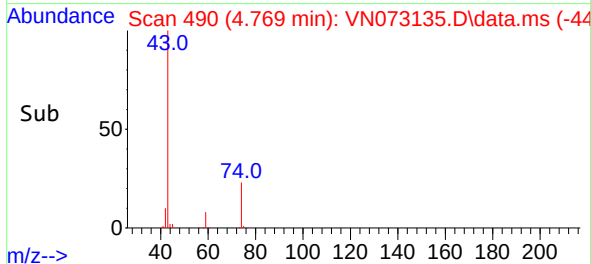
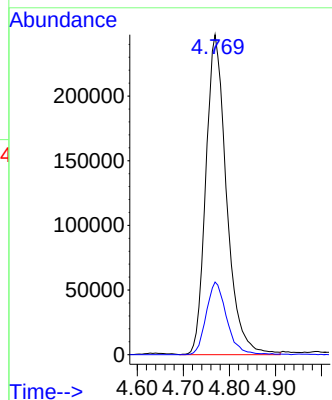
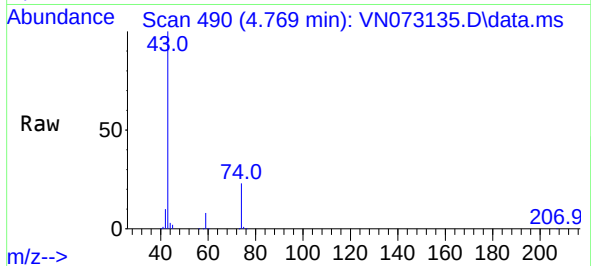




#18  
Methyl Acetate  
Concen: 111.748 ug/l  
RT: 4.769 min Scan# 491  
Delta R.T. -0.012 min  
Lab File: VN073135.D  
Acq: 26 Jun 2022 03:19

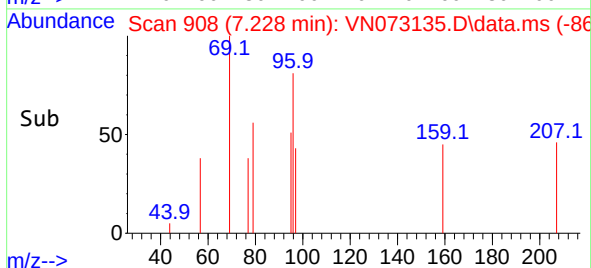
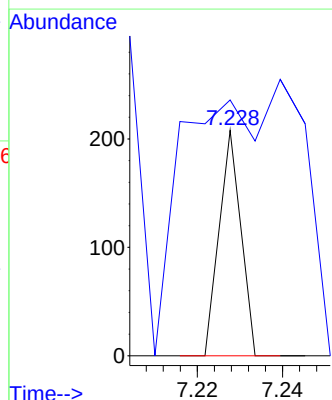
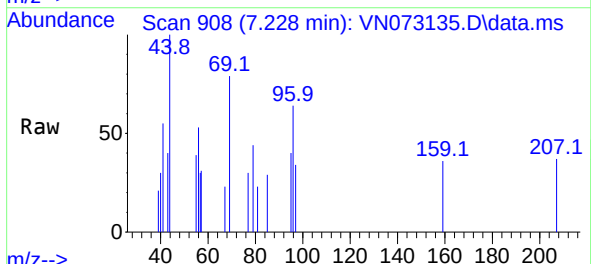
Instrument :  
MSVOA\_N  
ClientSampleId :  
SP-EXC-1-3

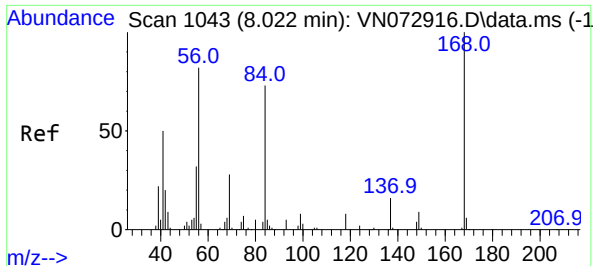
Tgt Ion: 43 Resp: 775040  
Ion Ratio Lower Upper  
43 100  
74 22.4 21.6 32.4



#26  
2,2-Dichloropropane  
Concen: Below Cal  
RT: 7.228 min Scan# 908  
Delta R.T. -0.023 min  
Lab File: VN073135.D  
Acq: 26 Jun 2022 03:19

Tgt Ion: 77 Resp: 73  
Ion Ratio Lower Upper  
77 100  
97 645.2 11.4 34.2#

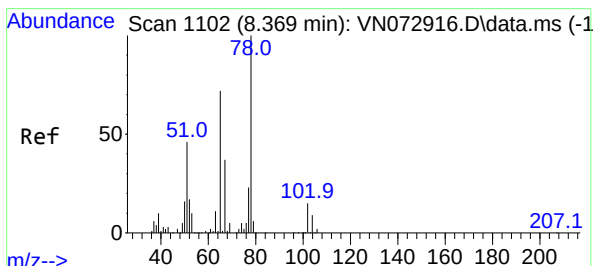
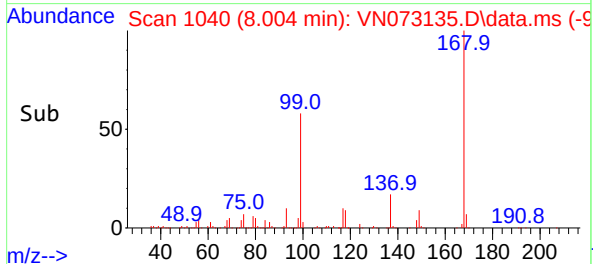
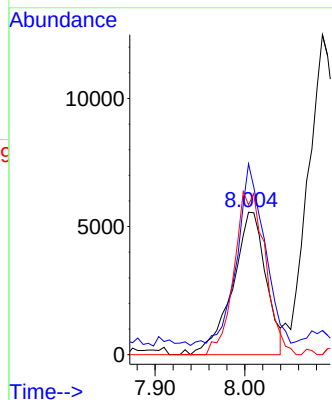
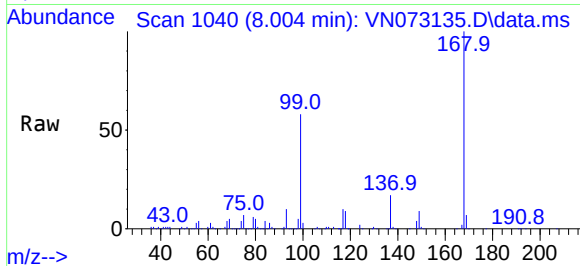




#31  
Cyclohexane  
Concen: 2.248 ug/l  
RT: 8.004 min Scan# 1101  
Delta R.T. -0.018 min  
Lab File: VN073135.D  
Acq: 26 Jun 2022 03:19

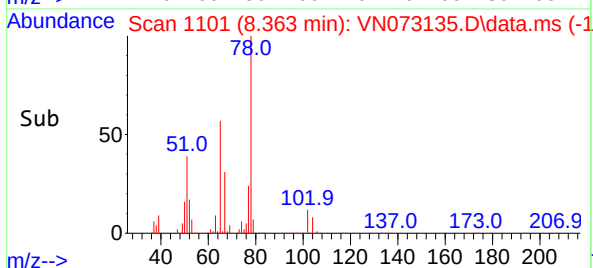
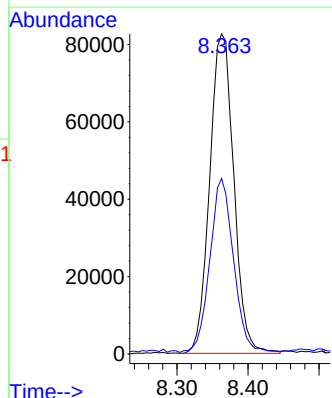
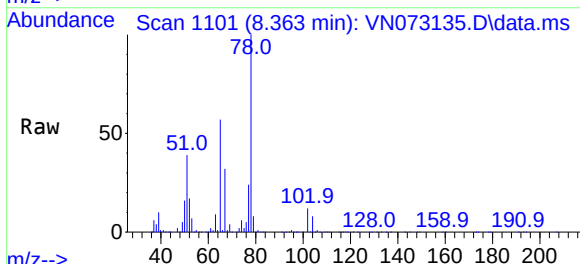
Instrument :  
MSVOA\_N  
ClientSampleId :  
SP-EXC-1-3

Tgt Ion: 56 Resp: 14411  
Ion Ratio Lower Upper  
56 100  
69 126.0 27.8 41.8#  
84 105.2 76.9 115.3

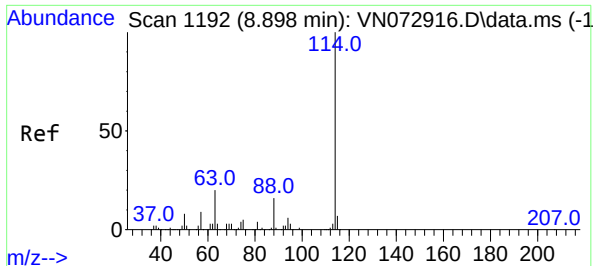


#33  
1,2-Dichloroethane-d4  
Concen: 41.077 ug/l  
RT: 8.363 min Scan# 1101  
Delta R.T. -0.006 min  
Lab File: VN073135.D  
Acq: 26 Jun 2022 03:19

Tgt Ion: 65 Resp: 194625  
Ion Ratio Lower Upper  
65 100  
67 53.3 0.0 104.8





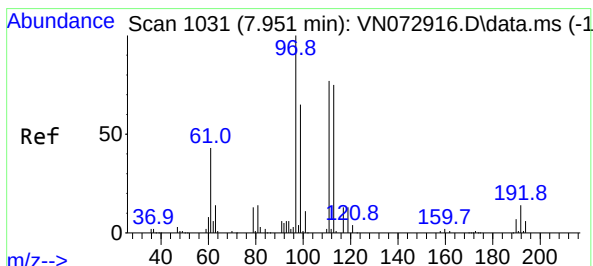
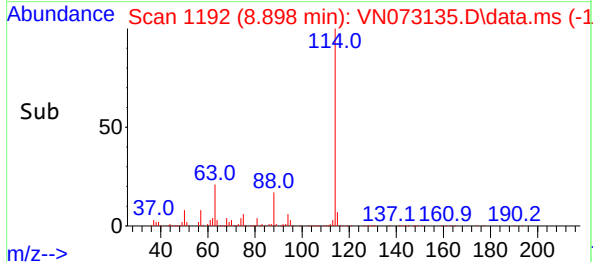
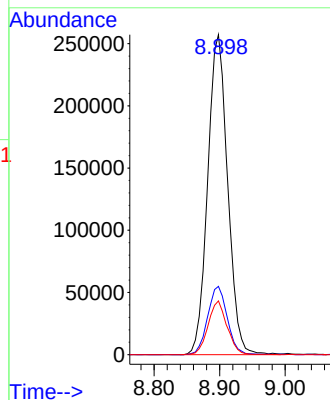
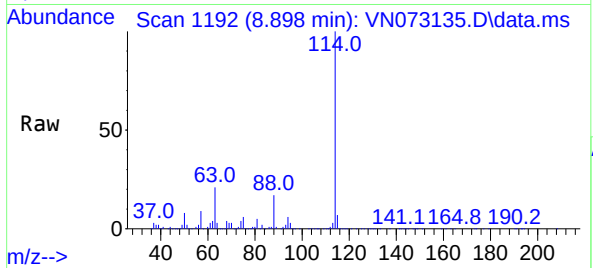


#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 8.898 min Scan# 1192  
Delta R.T. 0.000 min  
Lab File: VN073135.D  
Acq: 26 Jun 2022 03:19

Instrument :  
MSVOA\_N  
ClientSampleId :  
SP-EXC-1-3

Tgt Ion:114 Resp: 544159

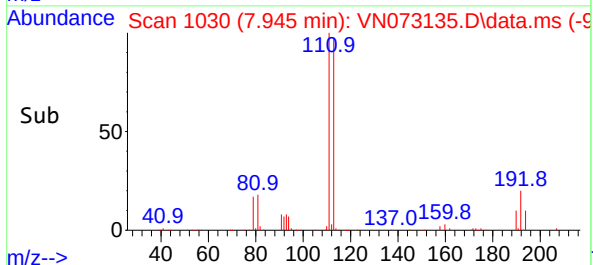
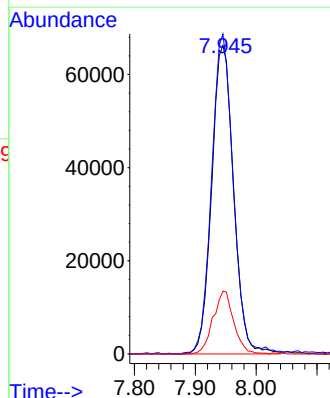
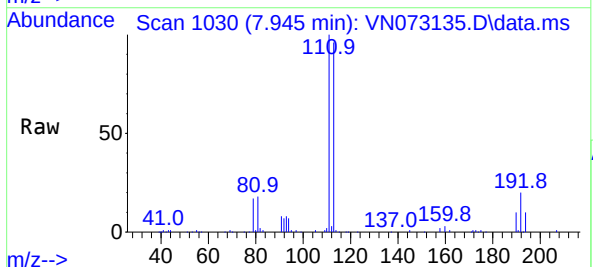
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 114 | 100   |       |       |
| 63  | 21.3  | 0.0   | 40.0  |
| 88  | 16.8  | 0.0   | 32.6  |

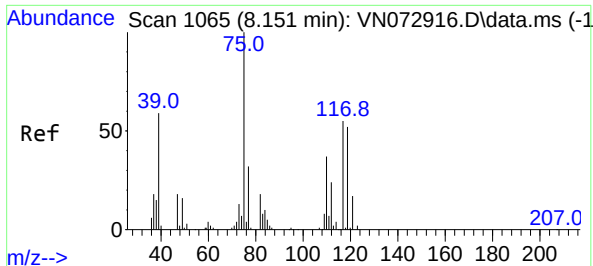


#35  
Dibromofluoromethane  
Concen: 49.214 ug/l  
RT: 7.945 min Scan# 1030  
Delta R.T. -0.006 min  
Lab File: VN073135.D  
Acq: 26 Jun 2022 03:19

Tgt Ion:113 Resp: 165527

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 113 | 100   |       |       |
| 111 | 102.9 | 81.4  | 122.0 |
| 192 | 19.2  | 17.0  | 25.6  |

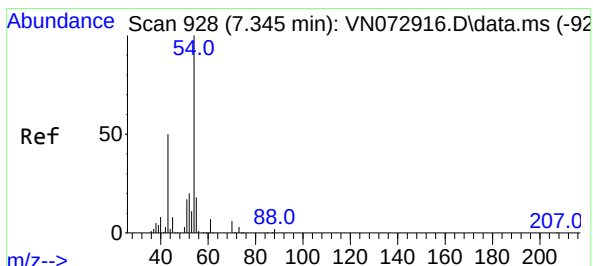
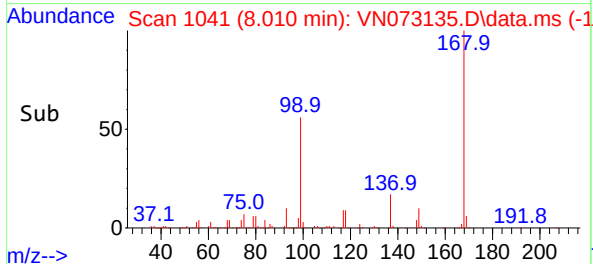
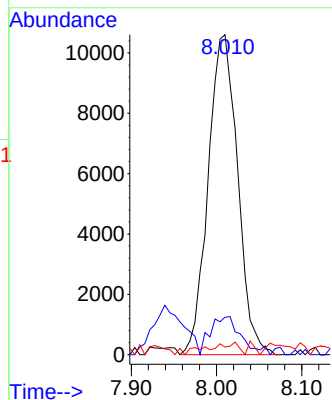
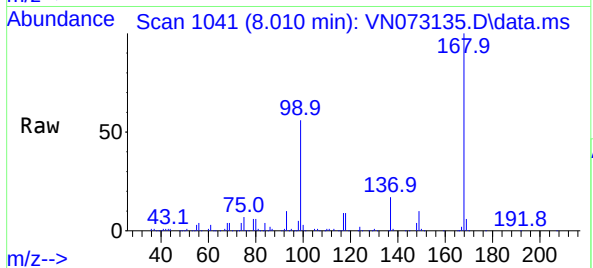




#36  
1,1-Dichloropropene  
Concen: 5.599 ug/l  
RT: 8.010 min Scan# 1041  
Delta R.T. -0.141 min  
Lab File: VN073135.D  
Acq: 26 Jun 2022 03:19

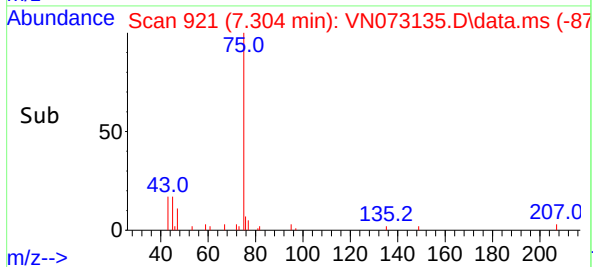
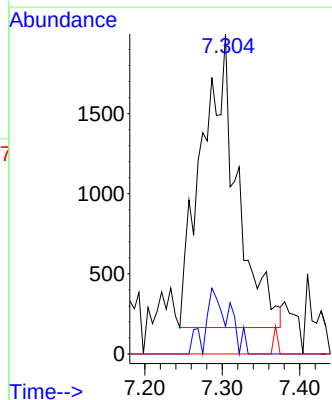
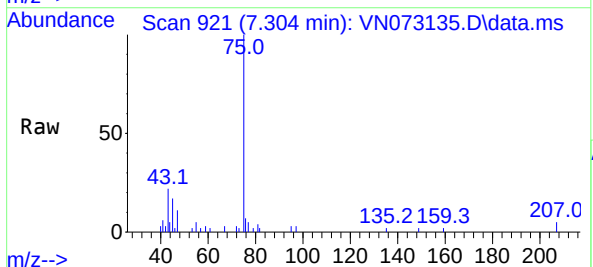
Instrument :  
MSVOA\_N  
ClientSampleId :  
SP-EXC-1-3

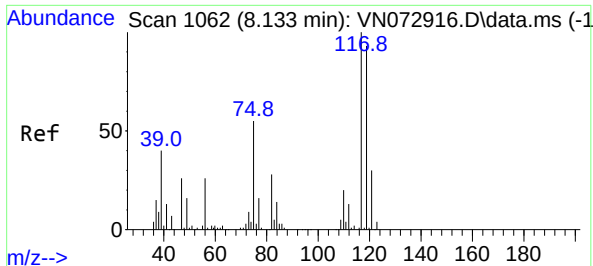
Tgt Ion: 75 Resp: 25480  
Ion Ratio Lower Upper  
75 100  
110 12.4 18.3 54.8#  
77 0.0 25.1 37.7#



#37  
Ethyl Acetate  
Concen: 0.800 ug/l  
RT: 7.304 min Scan# 921  
Delta R.T. -0.041 min  
Lab File: VN073135.D  
Acq: 26 Jun 2022 03:19

Tgt Ion: 43 Resp: 5827  
Ion Ratio Lower Upper  
43 100  
61 15.0 11.8 17.6  
70 0.0 9.3 13.9#

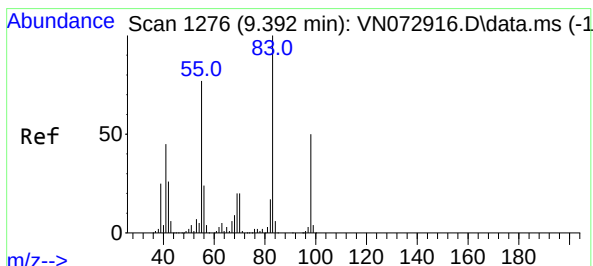
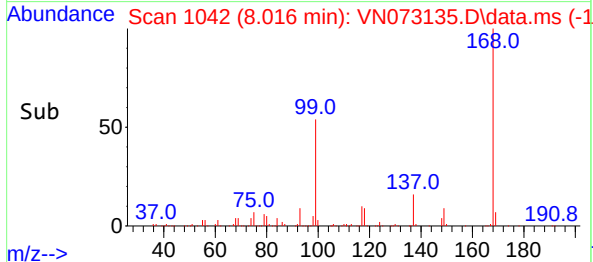
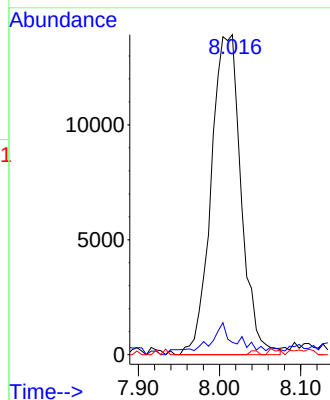
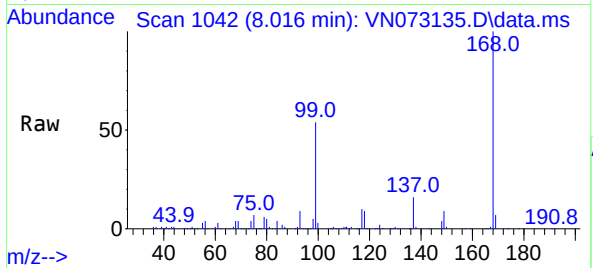




#38  
Carbon Tetrachloride  
Concen: 7.446 ug/l  
RT: 8.016 min Scan# 1042  
Delta R.T. -0.118 min  
Lab File: VN073135.D  
Acq: 26 Jun 2022 03:19

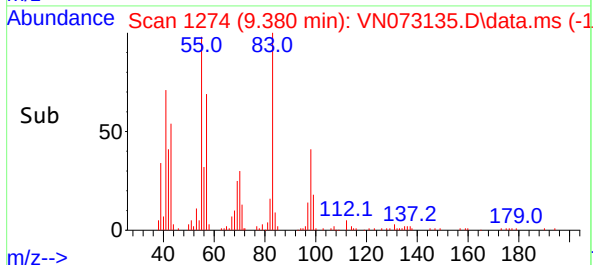
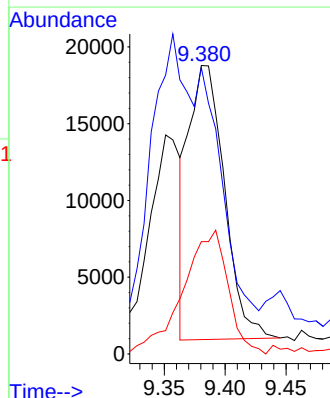
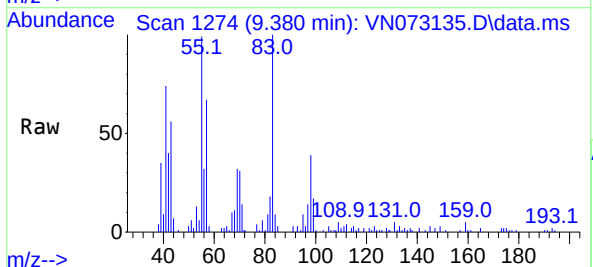
Instrument :  
MSVOA\_N  
ClientSampleId :  
SP-EXC-1-3

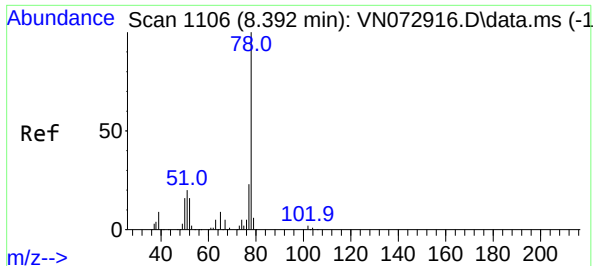
Tgt Ion:117 Resp: 35645  
Ion Ratio Lower Upper  
117 100  
119 2.3 75.8 113.8#  
121 0.0 24.6 37.0#



#39  
Methylcyclohexane  
Concen: 6.653 ug/l  
RT: 9.380 min Scan# 1274  
Delta R.T. -0.012 min  
Lab File: VN073135.D  
Acq: 26 Jun 2022 03:19

Tgt Ion: 83 Resp: 36496  
Ion Ratio Lower Upper  
83 100  
55 81.8 57.8 86.8  
98 39.4 39.4 59.2#

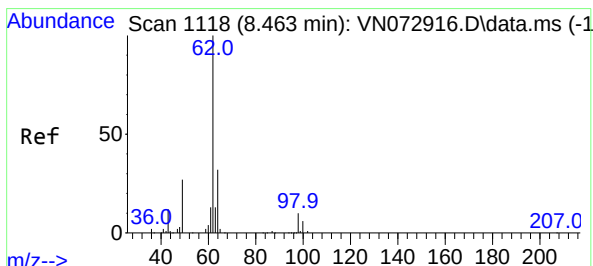
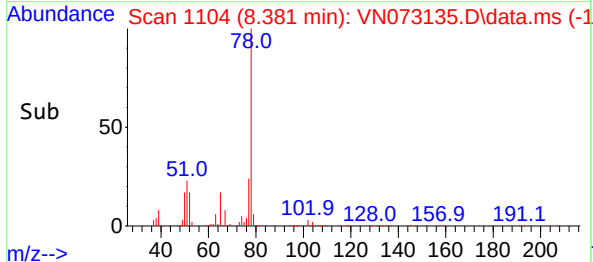
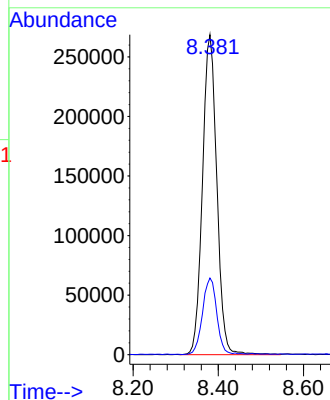
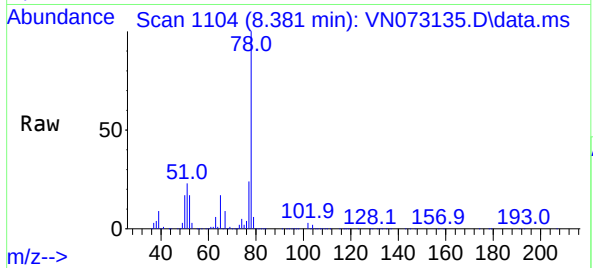




#40  
Benzene  
Concen: 43.803 ug/l  
RT: 8.381 min Scan# 1104  
Delta R.T. -0.012 min  
Lab File: VN073135.D  
Acq: 26 Jun 2022 03:19

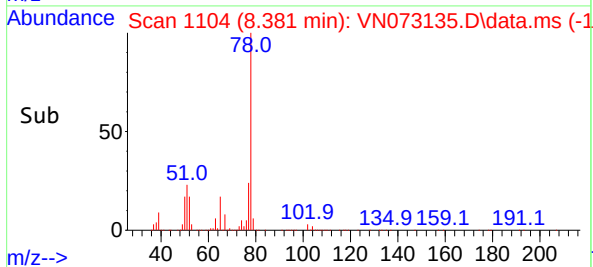
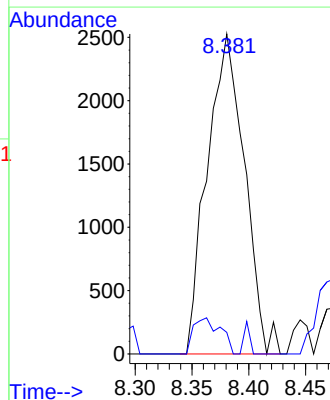
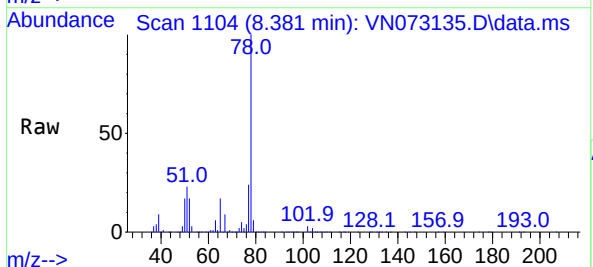
Instrument :  
MSVOA\_N  
ClientSampleId :  
SP-EXC-1-3

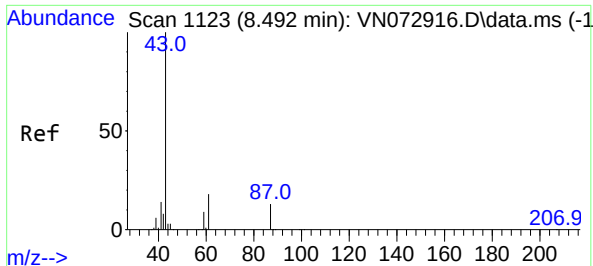
Tgt Ion: 78 Resp: 626503  
Ion Ratio Lower Upper  
78 100  
77 23.8 19.4 29.0



#42  
1,2-Dichloroethane  
Concen: 1.134 ug/l  
RT: 8.381 min Scan# 1104  
Delta R.T. -0.082 min  
Lab File: VN073135.D  
Acq: 26 Jun 2022 03:19

Tgt Ion: 62 Resp: 5761  
Ion Ratio Lower Upper  
62 100  
98 8.2 0.0 19.4

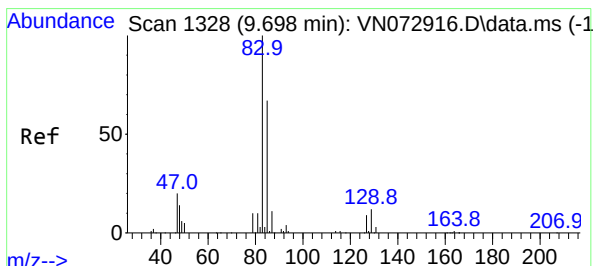
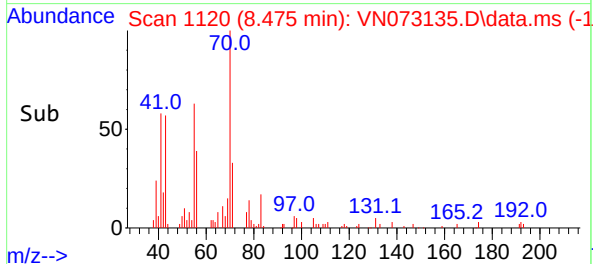
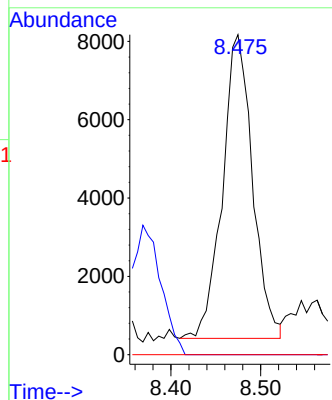
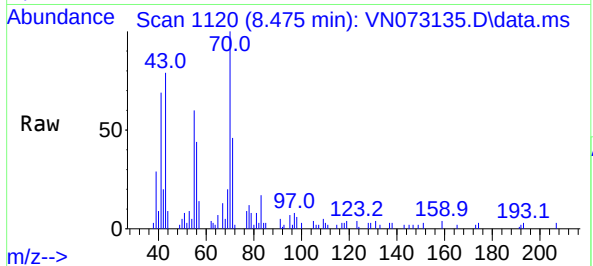




#43  
Isopropyl Acetate  
Concen: 1.734 ug/l  
RT: 8.475 min Scan# 1123  
Delta R.T. -0.018 min  
Lab File: VN073135.D  
Acq: 26 Jun 2022 03:19

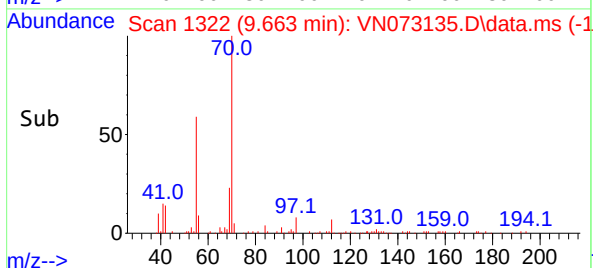
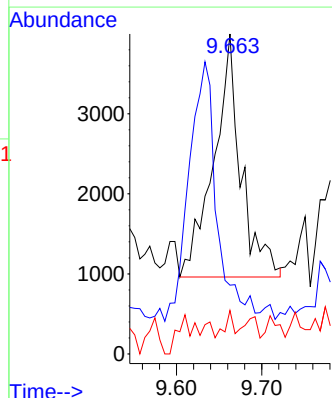
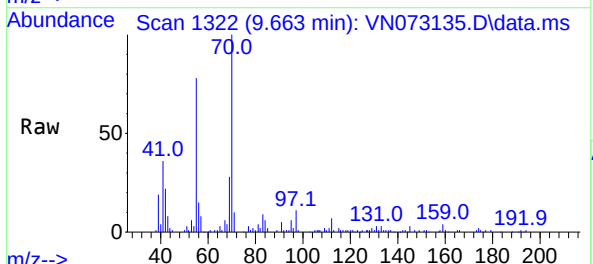
Instrument :  
MSVOA\_N  
ClientSampleId :  
SP-EXC-1-3

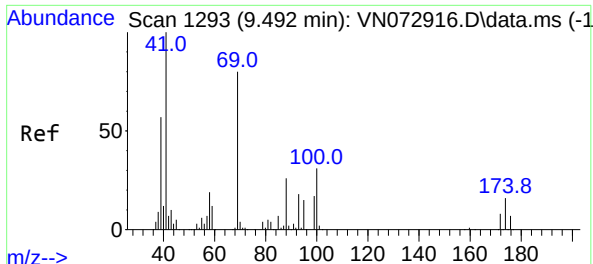
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 18046 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 61       | 0.0   | 21.9  | 32.9# |
| 87       | 0.0   | 12.0  | 18.0# |



#47  
Bromodichloromethane  
Concen: 1.374 ug/l  
RT: 9.663 min Scan# 1322  
Delta R.T. -0.035 min  
Lab File: VN073135.D  
Acq: 26 Jun 2022 03:19

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 83    | Resp: | 6751  |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 85       | 11.3  | 50.5  | 75.7# |
| 127      | 8.7   | 6.8   | 10.2  |





#48

Methyl methacrylate

Concen: 2.449 ug/l

RT: 9.439 min Scan# 11

Delta R.T. -0.053 min

Lab File: VN073135.D

Acq: 26 Jun 2022 03:19

Instrument :

MSVOA\_N

ClientSampleId :

SP-EXC-1-3

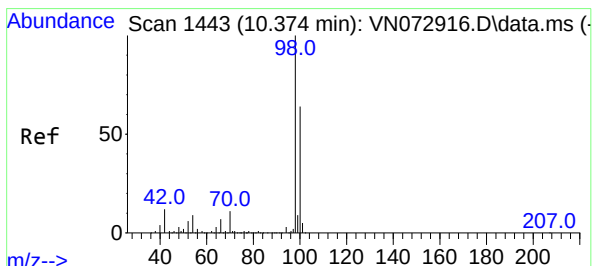
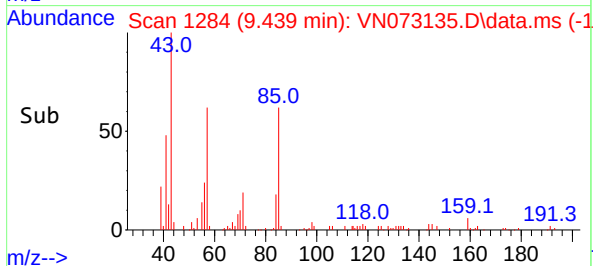
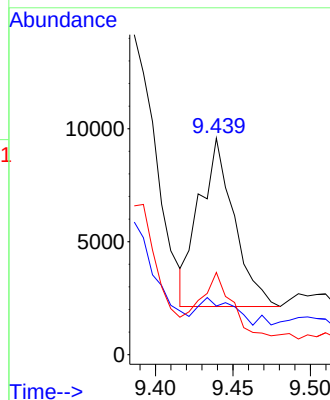
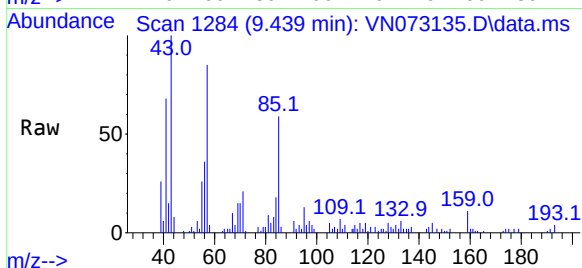
Tgt Ion: 41 Resp: 11636

Ion Ratio Lower Upper

41 100

69 17.5 74.7 112.1#

39 39.3 45.6 68.4#



#50

Toluene-d8

Concen: 48.729 ug/l

RT: 10.375 min Scan# 1443

Delta R.T. 0.000 min

Lab File: VN073135.D

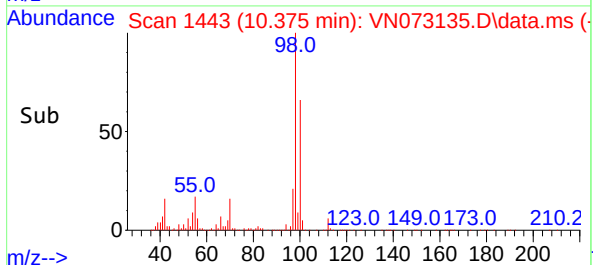
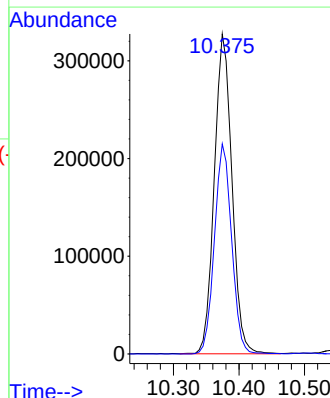
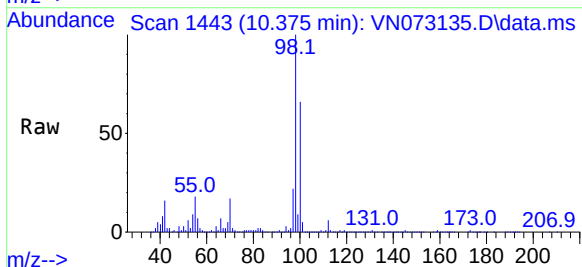
Acq: 26 Jun 2022 03:19

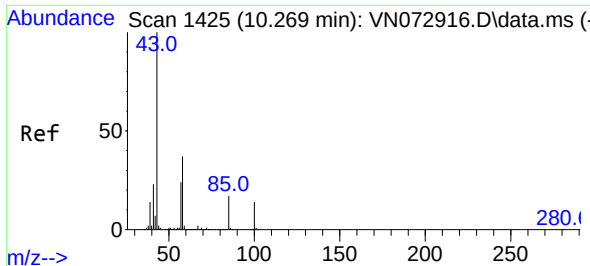
Tgt Ion: 98 Resp: 609852

Ion Ratio Lower Upper

98 100

100 64.1 52.6 78.8





#51

4-Methyl-2-Pentanone

Concen: 2.075 ug/l

RT: 10.369 min Scan# 1425

Delta R.T. 0.100 min

Lab File: VN073135.D

Acq: 26 Jun 2022 03:19

Instrument :

MSVOA\_N

ClientSampleId :

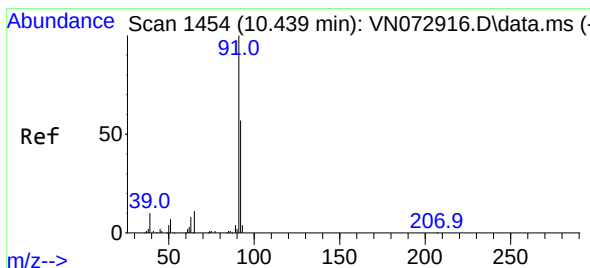
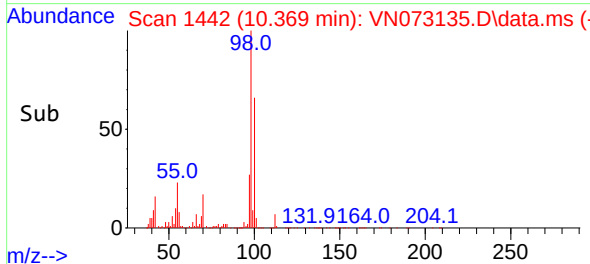
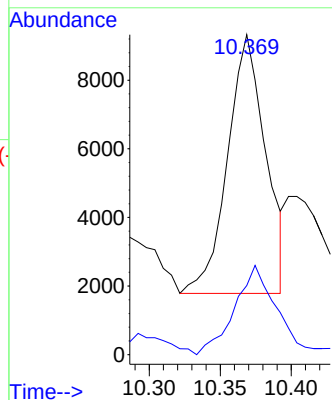
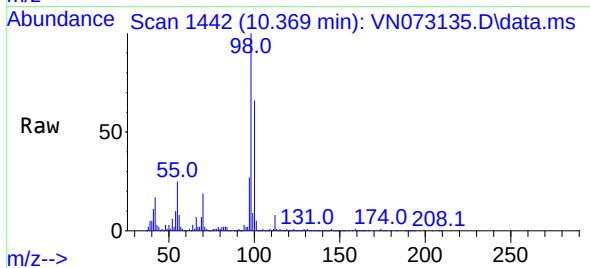
SP-EXC-1-3

Tgt Ion: 43 Resp: 14078

Ion Ratio Lower Upper

43 100

58 38.4 34.1 51.1



#52

Toluene

Concen: 1.421 ug/l

RT: 10.439 min Scan# 1454

Delta R.T. 0.000 min

Lab File: VN073135.D

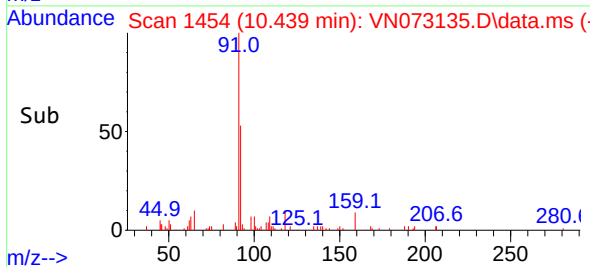
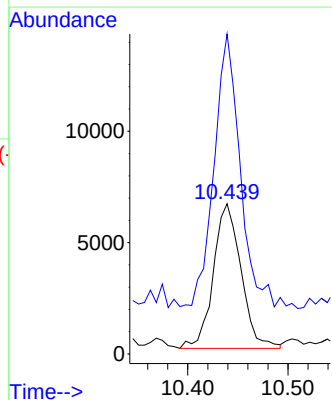
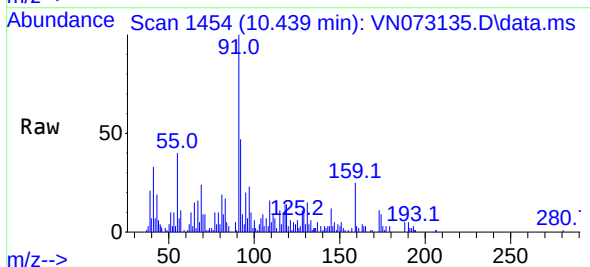
Acq: 26 Jun 2022 03:19

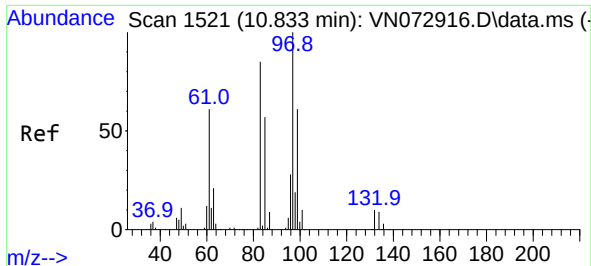
Tgt Ion: 92 Resp: 12474

Ion Ratio Lower Upper

92 100

91 181.6 138.6 207.8

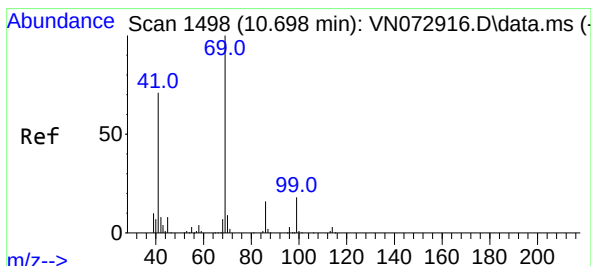
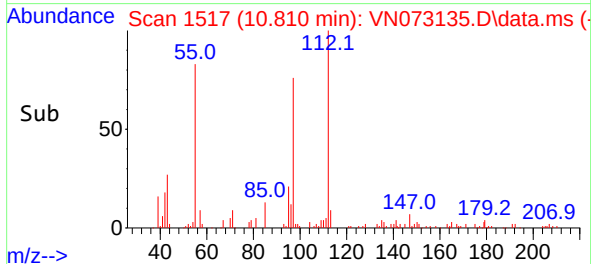
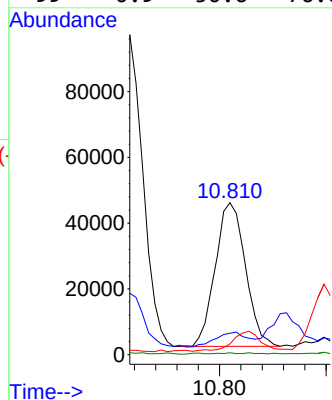
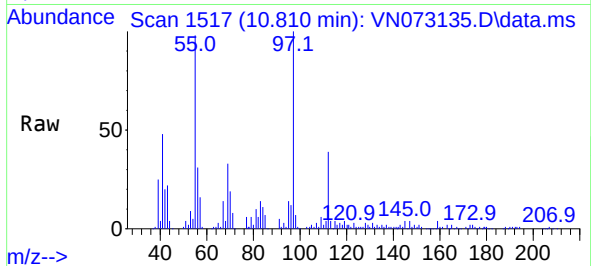




#55  
1,1,2-Trichloroethane  
Concen: 22.259 ug/l  
RT: 10.810 min Scan# 11  
Delta R.T. -0.023 min  
Lab File: VN073135.D  
Acq: 26 Jun 2022 03:19

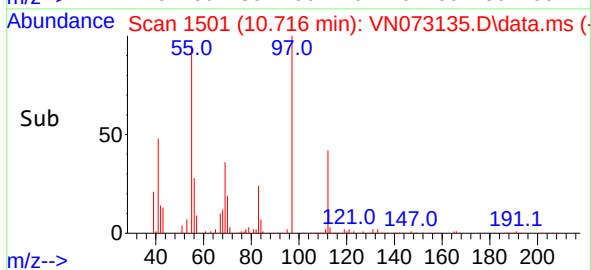
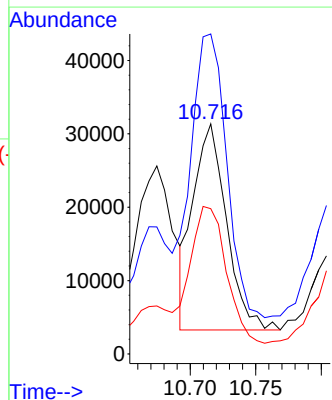
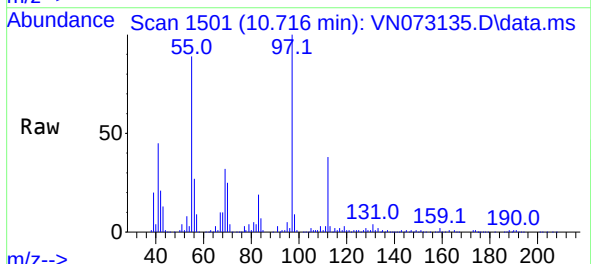
Instrument :  
MSVOA\_N  
ClientSampleId :  
SP-EXC-1-3

Tgt Ion: 97 Resp: 85825  
Ion Ratio Lower Upper  
97 100  
83 8.4 66.2 99.4#  
85 4.4 43.9 65.9#  
99 0.9 50.6 76.0#

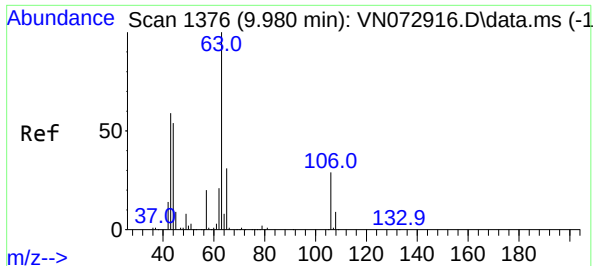


#56  
Ethyl methacrylate  
Concen: 8.076 ug/l  
RT: 10.716 min Scan# 1501  
Delta R.T. 0.018 min  
Lab File: VN073135.D  
Acq: 26 Jun 2022 03:19

Tgt Ion: 69 Resp: 49907  
Ion Ratio Lower Upper  
69 100  
41 147.2 47.8 71.6#  
39 71.9 27.3 40.9#



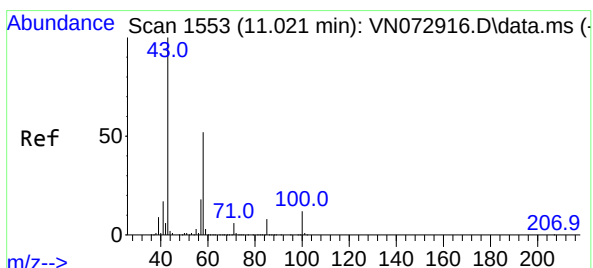
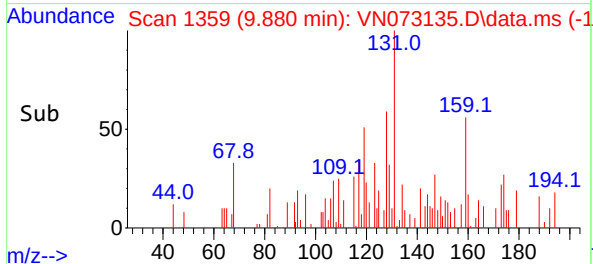
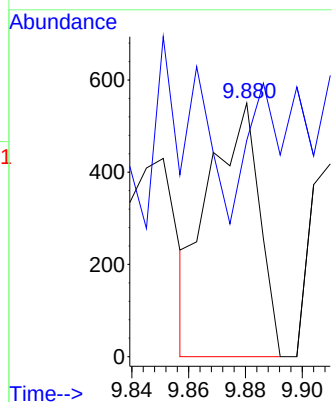
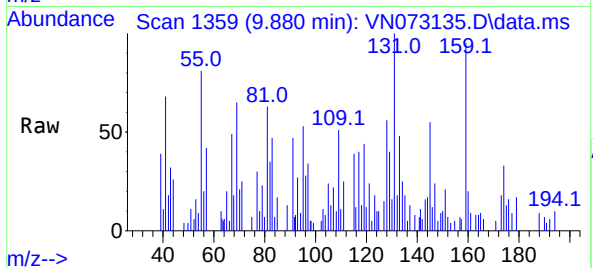




#58  
2-Chloroethyl Vinyl ether  
Concen: 0.247 ug/l  
RT: 9.880 min Scan# 11  
Delta R.T. -0.100 min  
Lab File: VN073135.D  
Acq: 26 Jun 2022 03:19

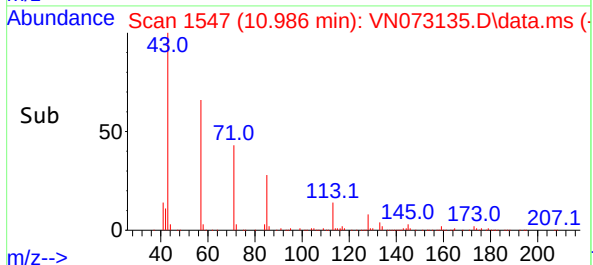
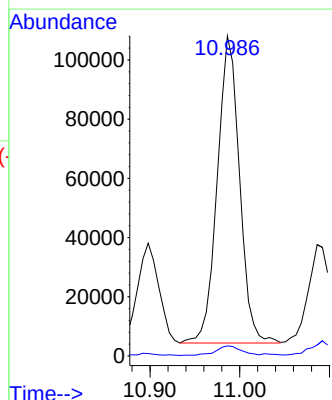
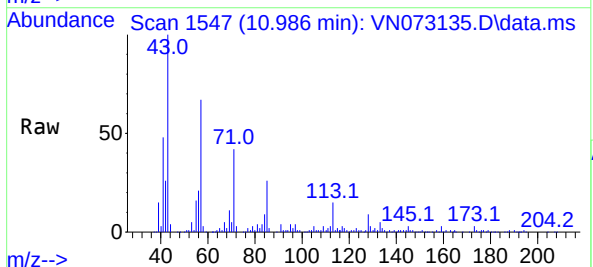
Instrument :  
MSVOA\_N  
ClientSampleId :  
SP-EXC-1-3

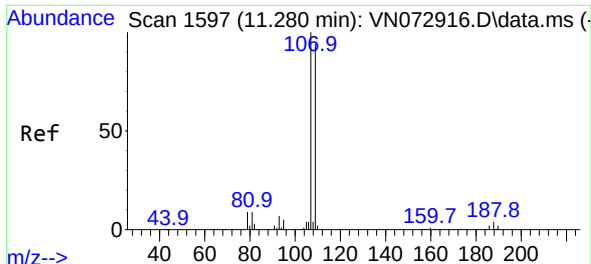
Tgt Ion: 63 Resp: 675  
Ion Ratio Lower Upper  
63 100  
106 33.2 24.6 36.8



#59  
2-Hexanone  
Concen: 34.077 ug/l  
RT: 10.986 min Scan# 1547  
Delta R.T. -0.035 min  
Lab File: VN073135.D  
Acq: 26 Jun 2022 03:19

Tgt Ion: 43 Resp: 178846  
Ion Ratio Lower Upper  
43 100  
58 3.3 29.7 89.1#

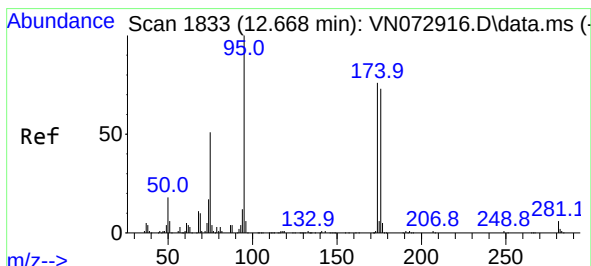
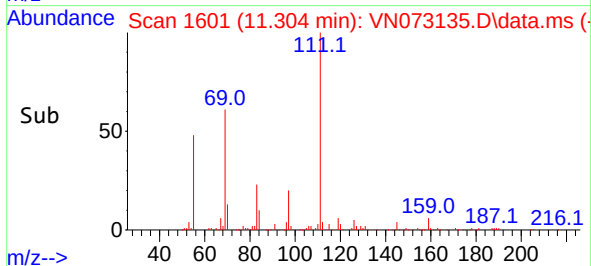
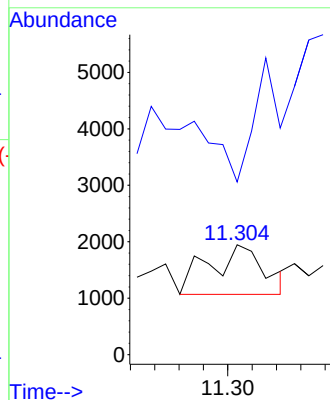
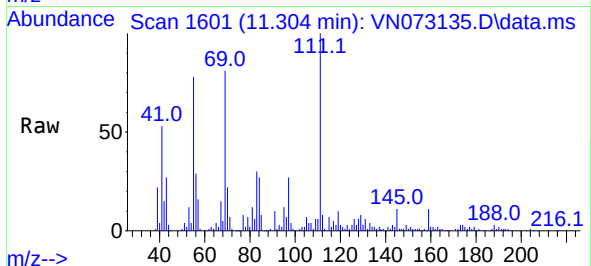




#61  
1,2-Dibromoethane  
Concen: 0.361 ug/l  
RT: 11.304 min Scan# 11  
Delta R.T. 0.024 min  
Lab File: VN073135.D  
Acq: 26 Jun 2022 03:19

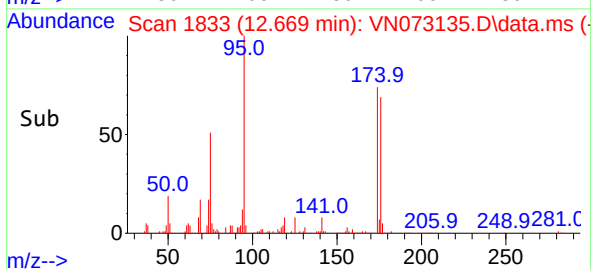
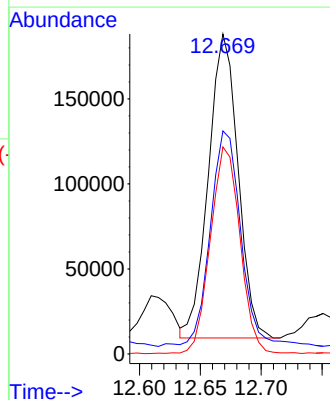
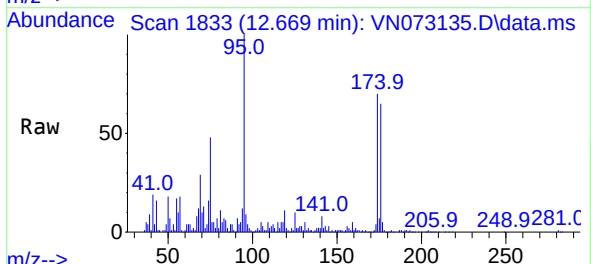
Instrument :  
MSVOA\_N  
ClientSampleId :  
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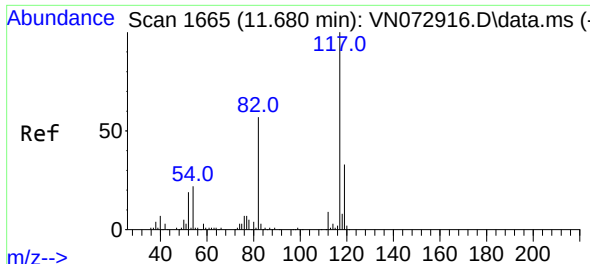
Tgt Ion:107 Resp: 1371  
Ion Ratio Lower Upper  
107 100  
109 105.3 75.0 112.6



#62  
4-Bromofluorobenzene  
Concen: 67.180 ug/l  
RT: 12.669 min Scan# 1833  
Delta R.T. 0.000 min  
Lab File: VN073135.D  
Acq: 26 Jun 2022 03:19

Tgt Ion: 95 Resp: 302333  
Ion Ratio Lower Upper  
95 100  
174 83.5 0.0 167.6  
176 68.4 0.0 163.4

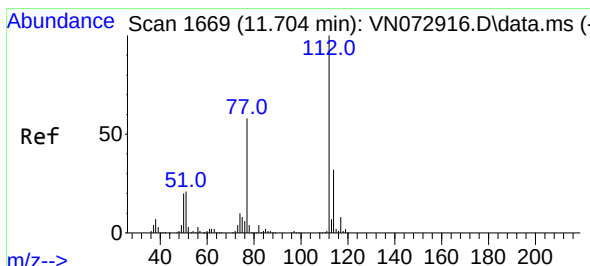
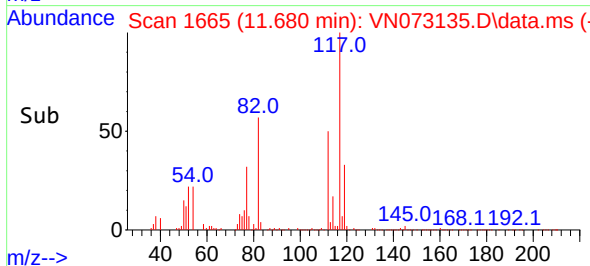
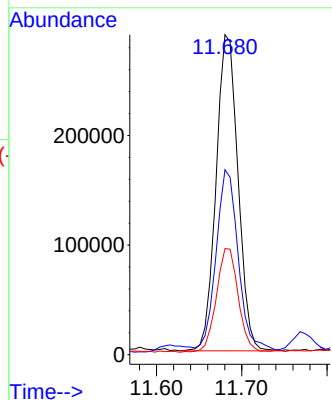
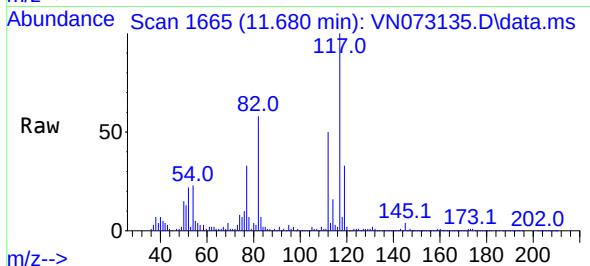




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.680 min Scan# 1665  
Delta R.T. 0.000 min  
Lab File: VN073135.D  
Acq: 26 Jun 2022 03:19

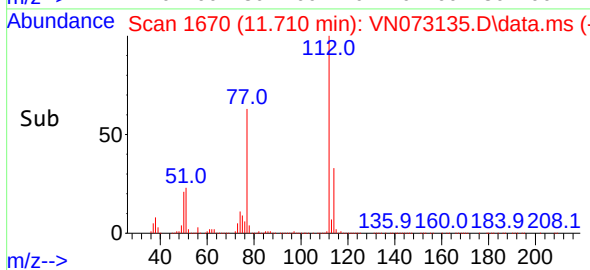
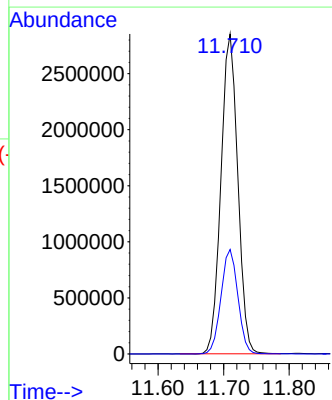
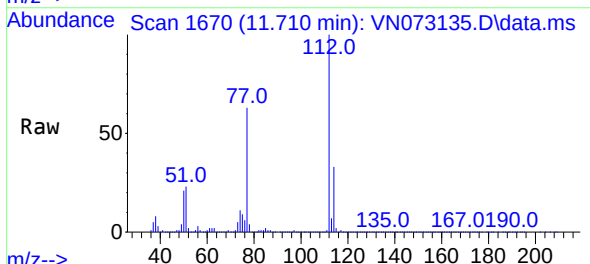
Instrument :  
MSVOA\_N  
ClientSampleId :  
SP-EXC-1-3

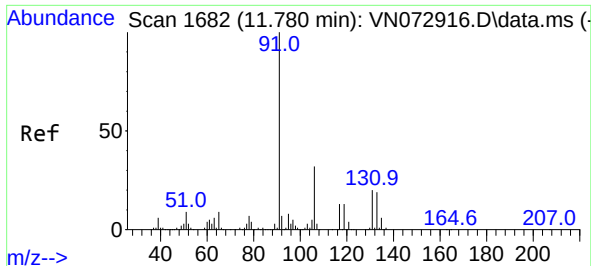
Tgt Ion:117 Resp: 516128  
Ion Ratio Lower Upper  
117 100  
82 56.8 44.2 66.2  
119 32.8 25.4 38.0



#65  
Chlorobenzene  
Concen: 502.720 ug/l  
RT: 11.710 min Scan# 1670  
Delta R.T. 0.006 min  
Lab File: VN073135.D  
Acq: 26 Jun 2022 03:19

Tgt Ion:112 Resp: 5067268  
Ion Ratio Lower Upper  
112 100  
114 32.7 25.4 38.2

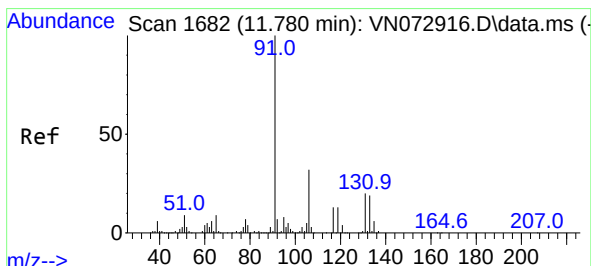
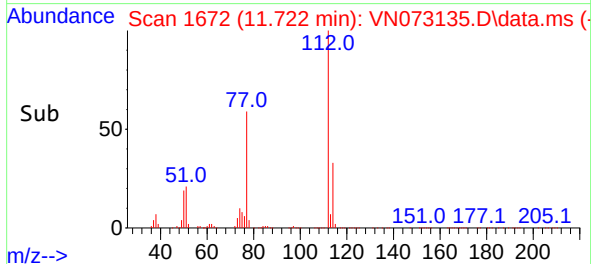
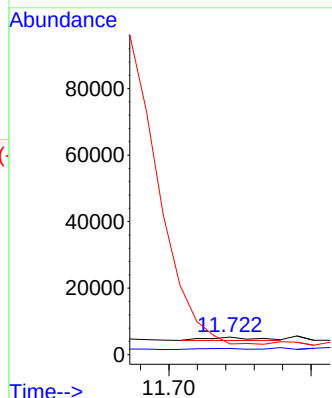
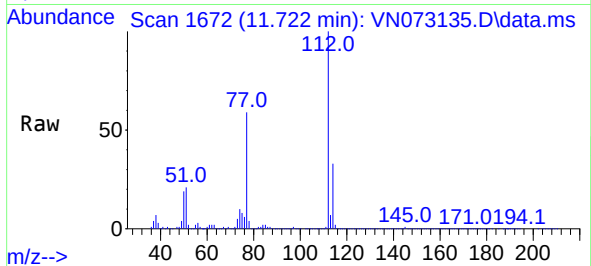




#66  
1,1,1,2-Tetrachloroethane  
Concen: 0.297 ug/l  
RT: 11.722 min Scan# 11  
Delta R.T. -0.059 min  
Lab File: VN073135.D  
Acq: 26 Jun 2022 03:19

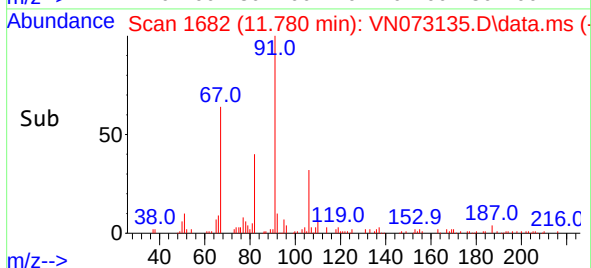
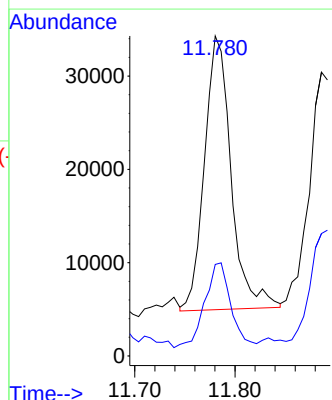
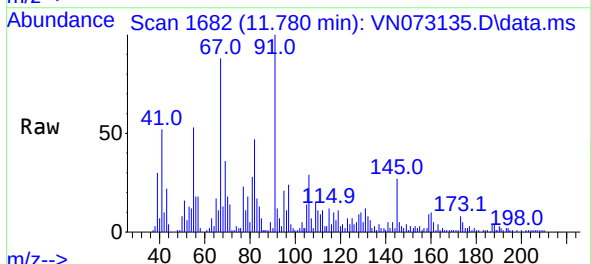
Instrument :  
MSVOA\_N  
ClientSampleId :  
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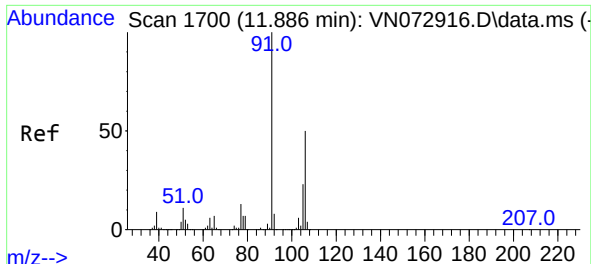
Tgt Ion:131 Resp: 1140  
Ion Ratio Lower Upper  
131 100  
133 35.7 47.8 143.4#  
119 0.0 33.4 100.2#



#67  
Ethyl Benzene  
Concen: 3.057 ug/l  
RT: 11.780 min Scan# 1682  
Delta R.T. 0.000 min  
Lab File: VN073135.D  
Acq: 26 Jun 2022 03:19

Tgt Ion: 91 Resp: 54236  
Ion Ratio Lower Upper  
91 100  
106 29.5 24.9 37.3

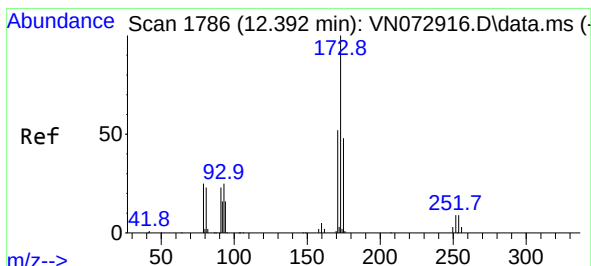
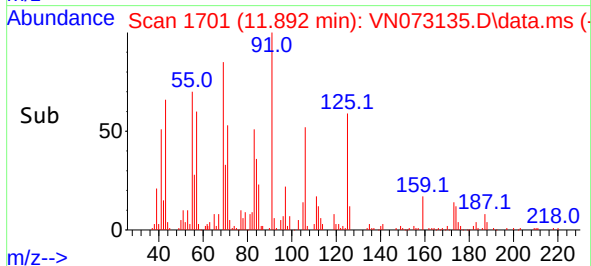
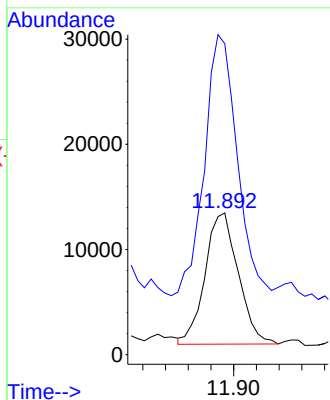
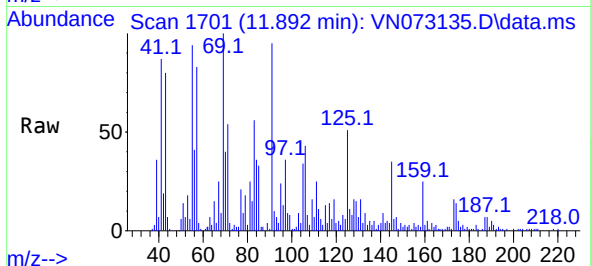




#68  
m/p-Xylenes  
Concen: 3.635 ug/l  
RT: 11.892 min Scan# 1701  
Delta R.T. 0.006 min  
Lab File: VN073135.D  
Acq: 26 Jun 2022 03:19

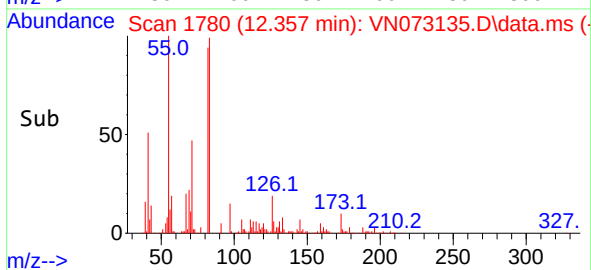
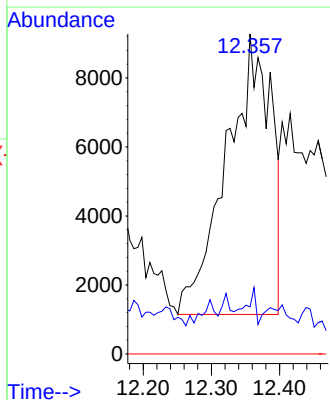
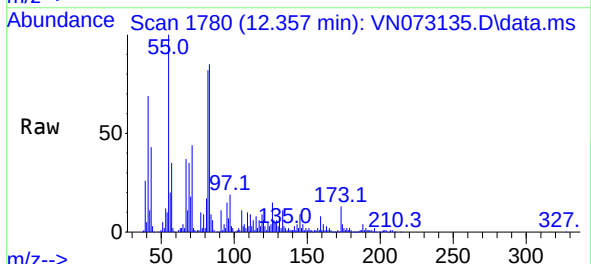
Instrument :  
MSVOA\_N  
ClientSampleId :  
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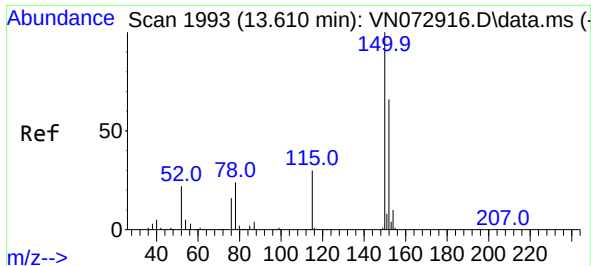
Tgt Ion:106 Resp: 25295  
Ion Ratio Lower Upper  
106 100  
91 197.2 158.9 238.3



#71  
Bromoform  
Concen: 12.735 ug/l  
RT: 12.357 min Scan# 1780  
Delta R.T. -0.035 min  
Lab File: VN073135.D  
Acq: 26 Jun 2022 03:19

Tgt Ion:173 Resp: 36838  
Ion Ratio Lower Upper  
173 100  
175 1.0 24.6 73.6#  
254 0.0 0.1 0.1#

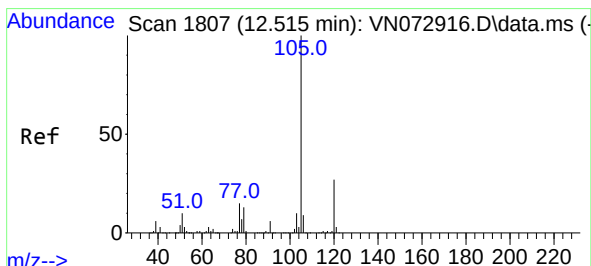
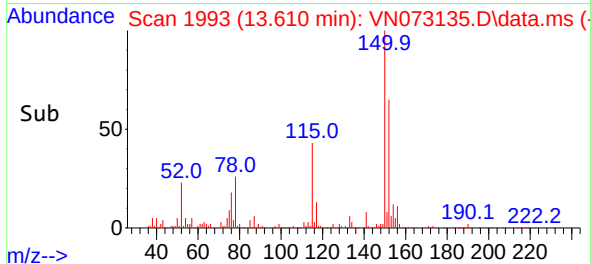
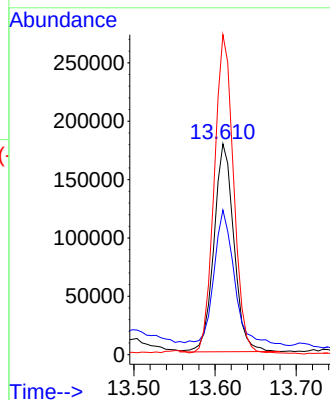
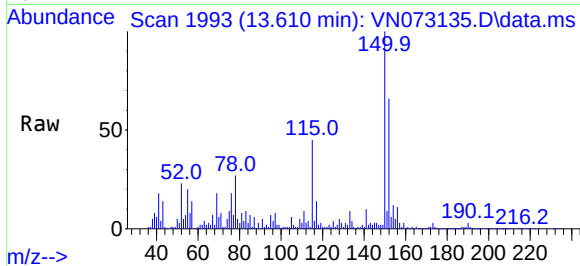




#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.610 min Scan# 1993  
Delta R.T. 0.000 min  
Lab File: VN073135.D  
Acq: 26 Jun 2022 03:19

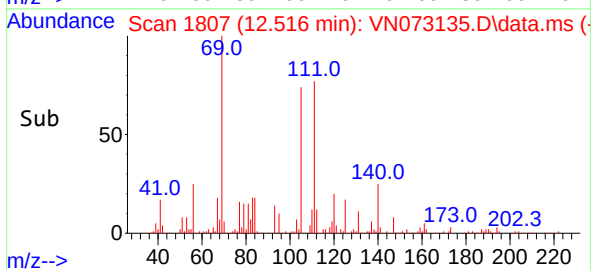
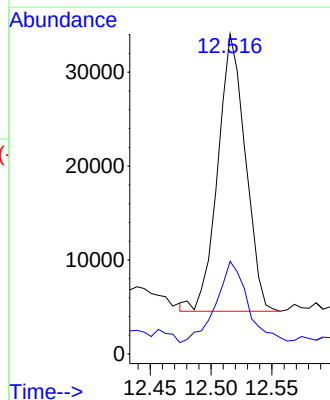
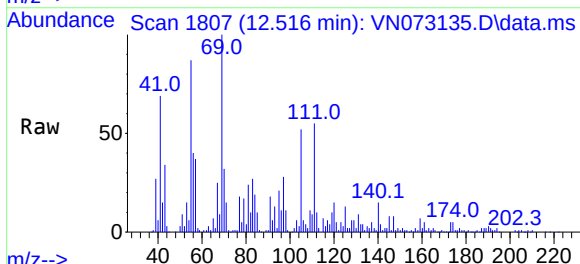
Instrument :  
MSVOA\_N  
ClientSampleId :  
SP-EXC-1-3

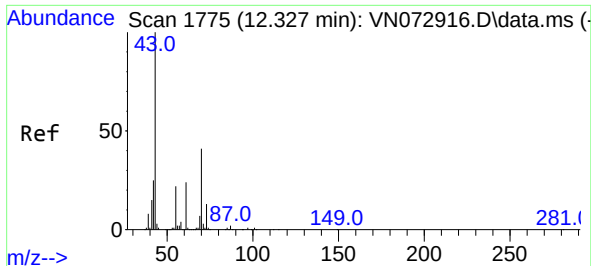
Tgt Ion:152 Resp: 305274  
Ion Ratio Lower Upper  
152 100  
115 66.8 28.9 86.7  
150 150.0 0.0 356.2



#73  
Isopropylbenzene  
Concen: 1.969 ug/l  
RT: 12.516 min Scan# 1807  
Delta R.T. 0.000 min  
Lab File: VN073135.D  
Acq: 26 Jun 2022 03:19

Tgt Ion:105 Resp: 46509  
Ion Ratio Lower Upper  
105 100  
120 33.6 13.5 40.4

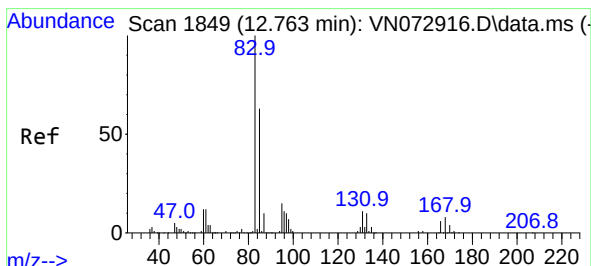
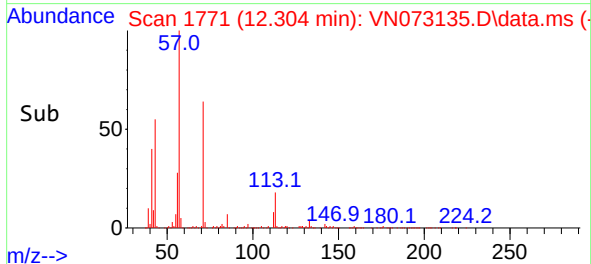
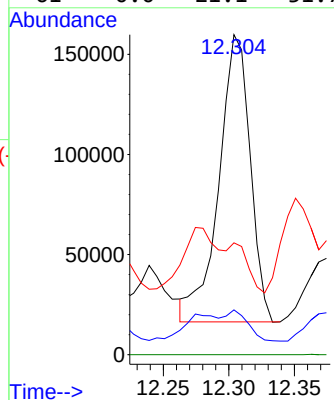
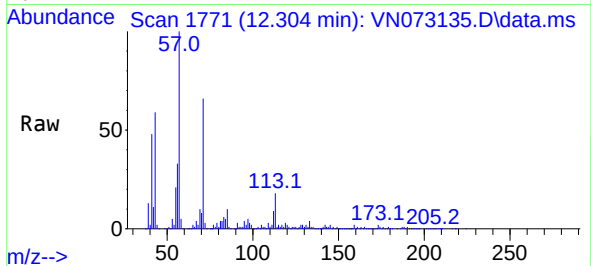




#74  
N-amy1 acetate  
Concen: 19.428 ug/l  
RT: 12.304 min Scan# 1771  
Delta R.T. -0.023 min  
Lab File: VN073135.D  
Acq: 26 Jun 2022 03:19

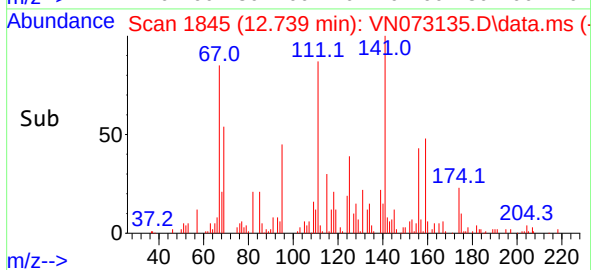
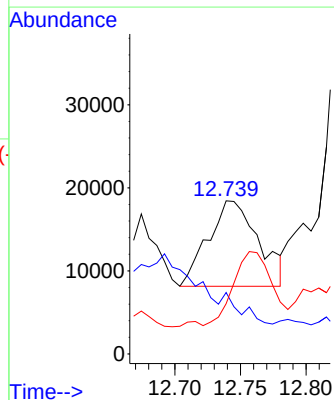
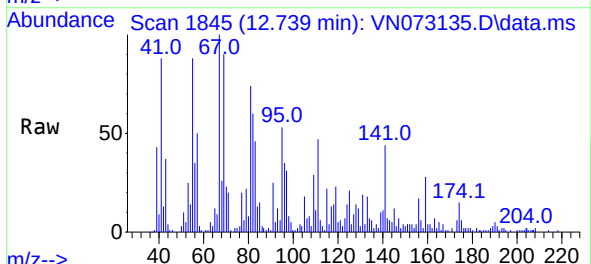
Instrument :  
MSVOA\_N  
ClientSampleId :  
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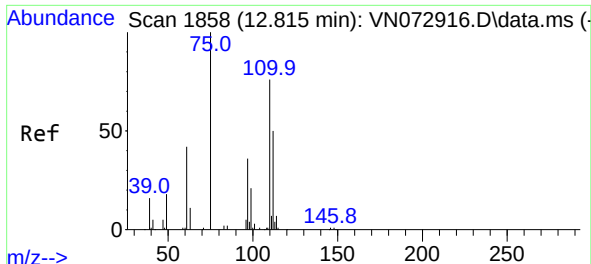
Tgt Ion: 43 Resp: 238101  
Ion Ratio Lower Upper  
43 100  
70 0.0 39.0 58.4#  
55 0.0 21.1 31.7#  
61 0.0 21.1 31.7#



#75  
1,1,2,2-Tetrachloroethane  
Concen: 3.235 ug/l  
RT: 12.739 min Scan# 1845  
Delta R.T. -0.023 min  
Lab File: VN073135.D  
Acq: 26 Jun 2022 03:19

Tgt Ion: 83 Resp: 27512  
Ion Ratio Lower Upper  
83 100  
131 0.0 5.3 15.9#  
85 66.2 32.3 96.9

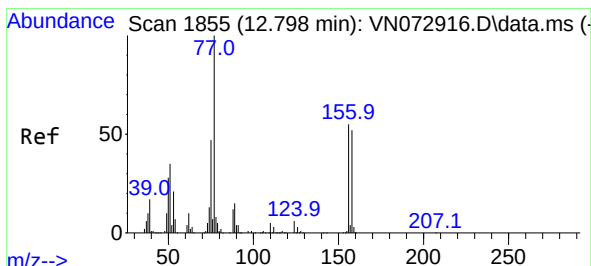
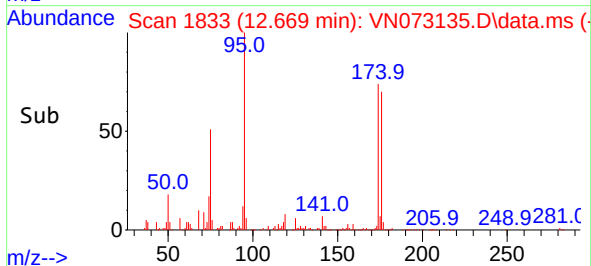
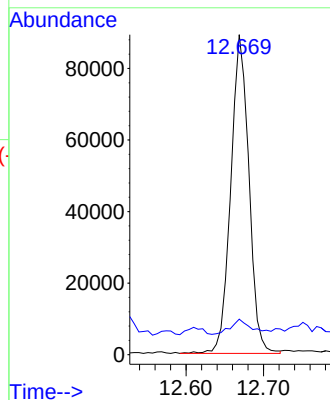
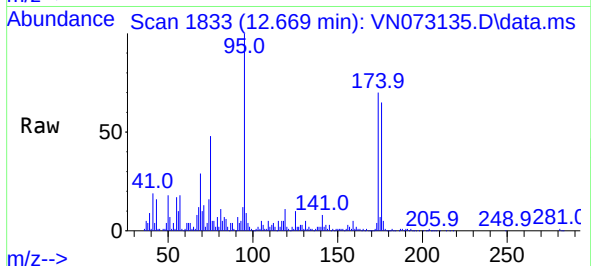




#76  
1,2,3-Trichloropropane  
Concen: 19.612 ug/l  
RT: 12.669 min Scan# 1833  
Delta R.T. -0.147 min  
Lab File: VN073135.D  
Acq: 26 Jun 2022 03:19

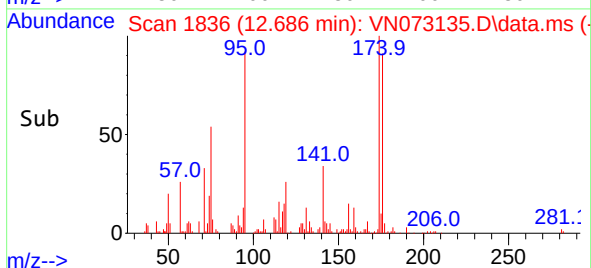
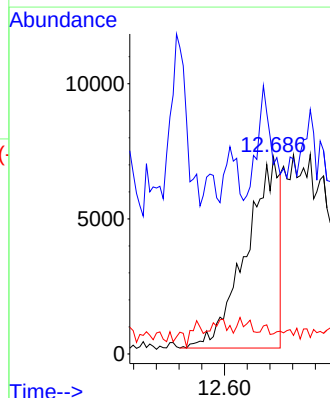
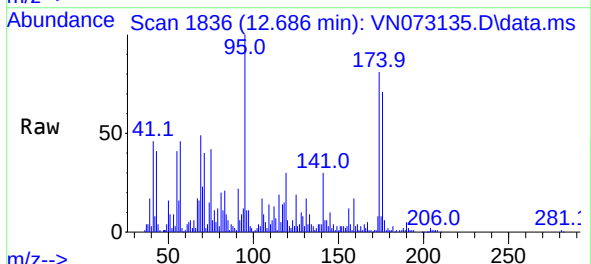
Instrument :  
MSVOA\_N  
ClientSampleId :  
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Tgt Ion: 75 Resp: 145158  
Ion Ratio Lower Upper  
75 100  
77 5.5 98.5 295.5#

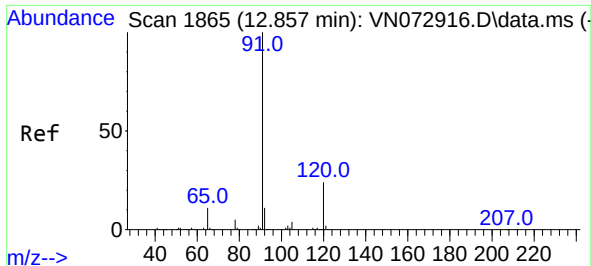


#77  
Bromobenzene  
Concen: 5.106 ug/l  
RT: 12.686 min Scan# 1836  
Delta R.T. -0.112 min  
Lab File: VN073135.D  
Acq: 26 Jun 2022 03:19

Tgt Ion: 156 Resp: 28888  
Ion Ratio Lower Upper  
156 100  
77 27.5 100.5 301.5#  
158 1.0 48.9 146.6#



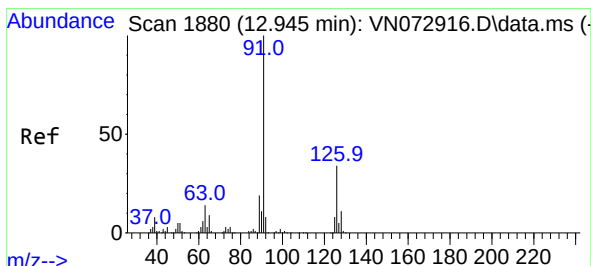
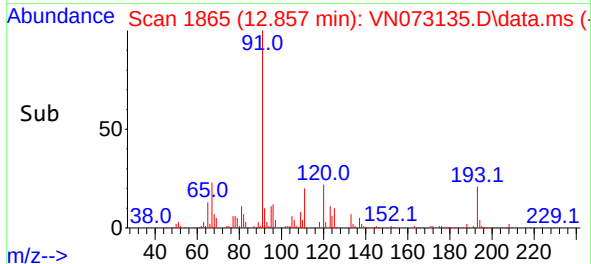
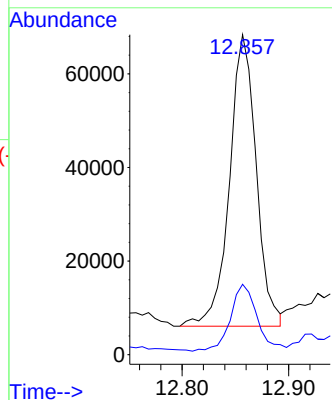
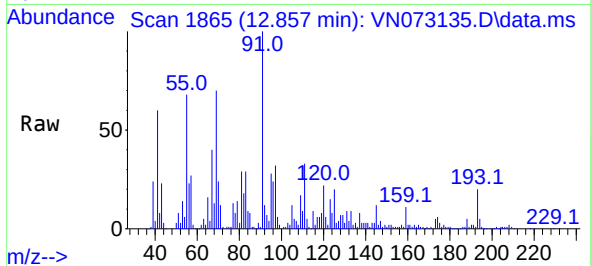




#78  
n-propylbenzene  
Concen: 4.191 ug/l  
RT: 12.857 min Scan# 1865  
Delta R.T. 0.000 min  
Lab File: VN073135.D  
Acq: 26 Jun 2022 03:19

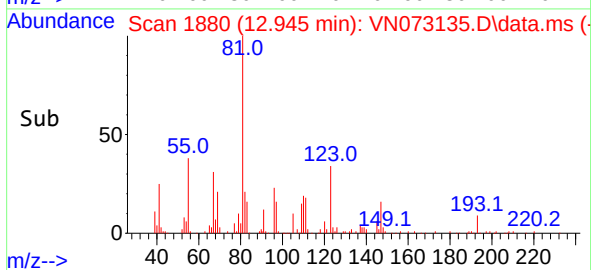
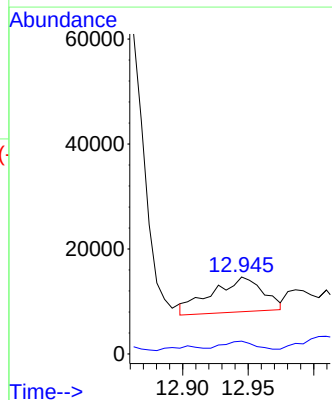
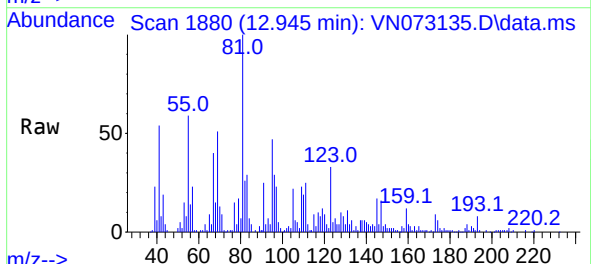
Instrument :  
MSVOA\_N  
ClientSampleId :  
SP-EXC-1-3

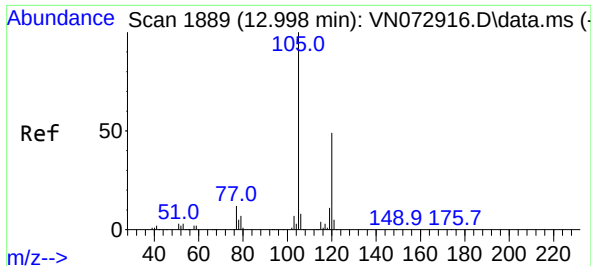
Tgt Ion: 91 Resp: 108867  
Ion Ratio Lower Upper  
91 100  
120 22.9 11.9 35.5



#79  
2-Chlorotoluene  
Concen: 1.073 ug/l  
RT: 12.945 min Scan# 1880  
Delta R.T. 0.000 min  
Lab File: VN073135.D  
Acq: 26 Jun 2022 03:19

Tgt Ion: 91 Resp: 18050  
Ion Ratio Lower Upper  
91 100  
126 12.9 17.3 51.9#

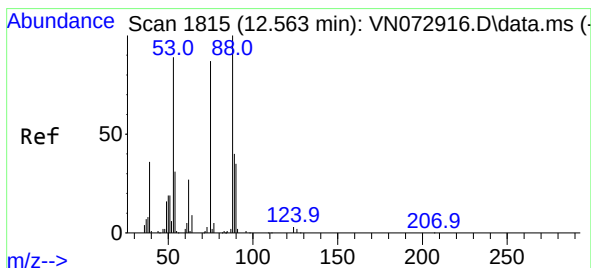
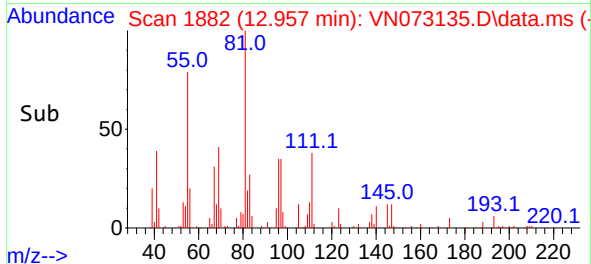
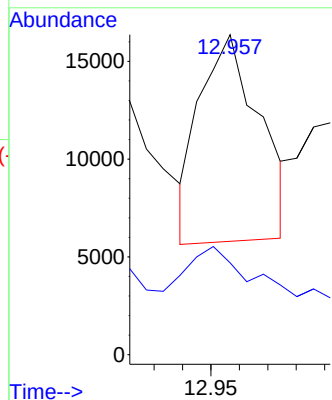
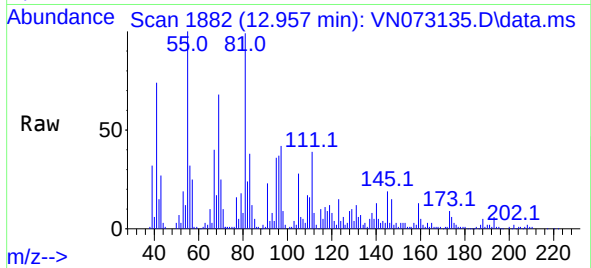




#80  
1,3,5-Trimethylbenzene  
Concen: 0.798 ug/l  
RT: 12.957 min Scan# 11  
Delta R.T. -0.041 min  
Lab File: VN073135.D  
Acq: 26 Jun 2022 03:19

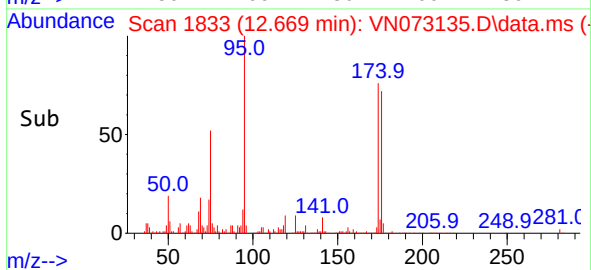
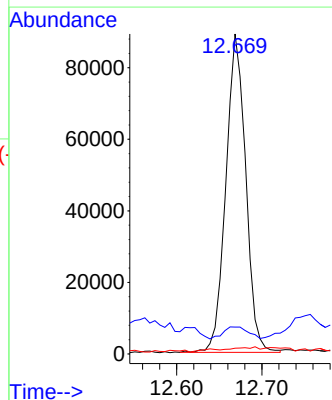
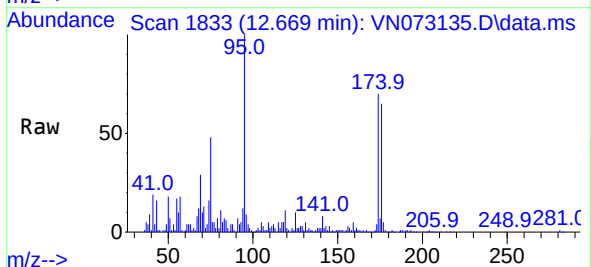
Instrument :  
MSVOA\_N  
ClientSampleId :  
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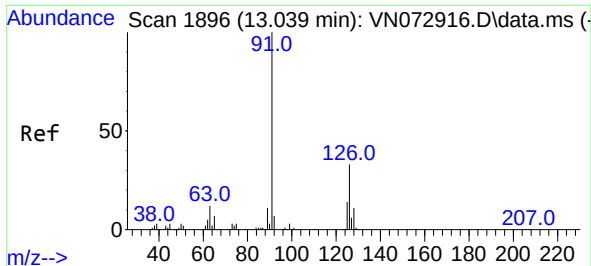
Tgt Ion:105 Resp: 15488  
Ion Ratio Lower Upper  
105 100  
120 28.1 24.9 74.7



#81  
trans-1,4-Dichloro-2-butene  
Concen: 52.738 ug/l  
RT: 12.669 min Scan# 1833  
Delta R.T. 0.106 min  
Lab File: VN073135.D  
Acq: 26 Jun 2022 03:19

Tgt Ion: 75 Resp: 144533  
Ion Ratio Lower Upper  
75 100  
53 4.6 78.0 117.0#  
89 0.6 37.2 55.8#

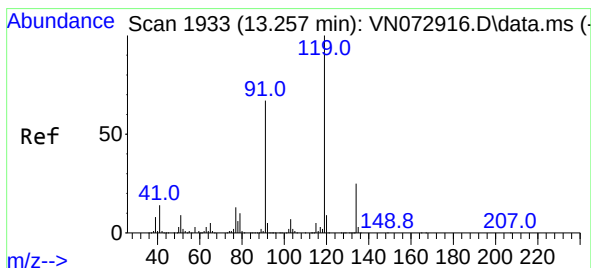
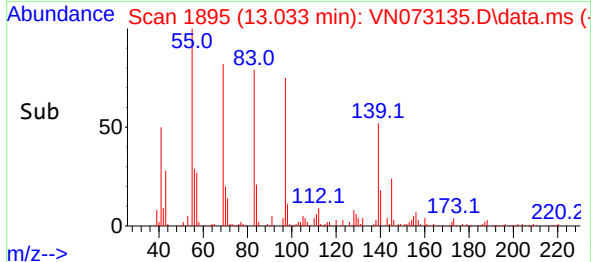
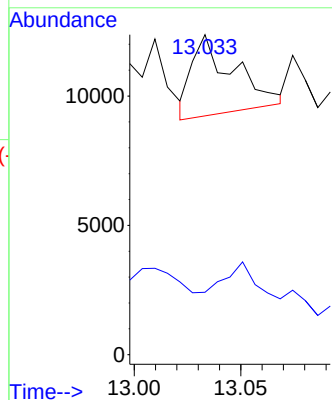
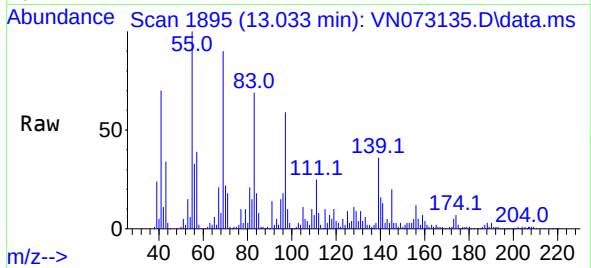




#82  
4-Chlorotoluene  
Concen: 0.268 ug/l  
RT: 13.033 min Scan# 1896  
Delta R.T. -0.006 min  
Lab File: VN073135.D  
Acq: 26 Jun 2022 03:19

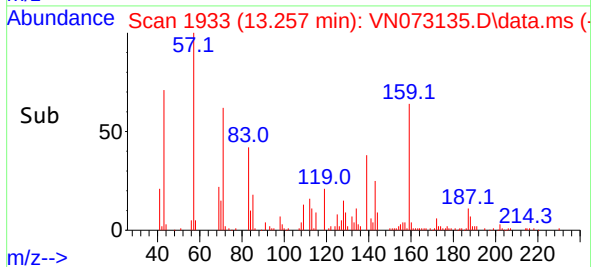
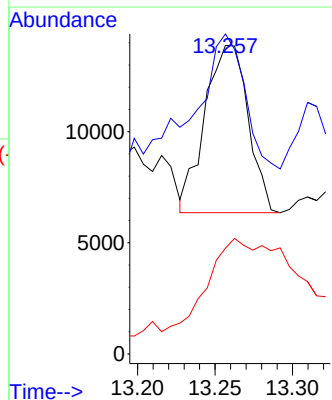
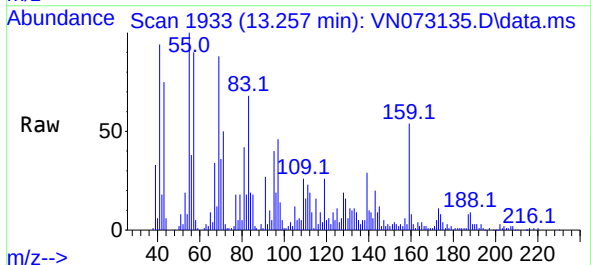
Instrument :  
MSVOA\_N  
ClientSampleId :  
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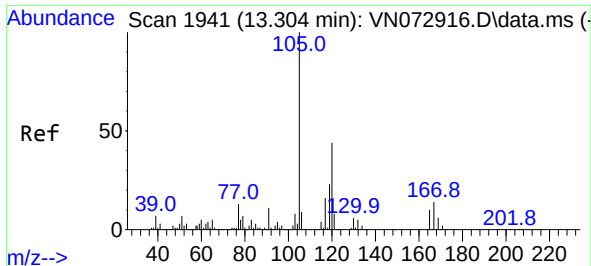
Tgt Ion: 91 Resp: 4269  
Ion Ratio Lower Upper  
91 100  
126 76.7 17.2 51.6#



#83  
tert-Butylbenzene  
Concen: 0.824 ug/l  
RT: 13.257 min Scan# 1933  
Delta R.T. 0.000 min  
Lab File: VN073135.D  
Acq: 26 Jun 2022 03:19

Tgt Ion: 119 Resp: 14634  
Ion Ratio Lower Upper  
119 100  
91 97.1 31.6 94.8#  
134 110.2 13.7 41.1#

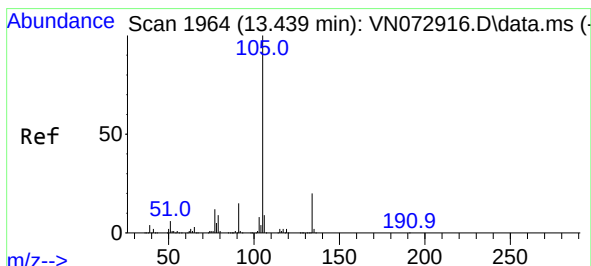
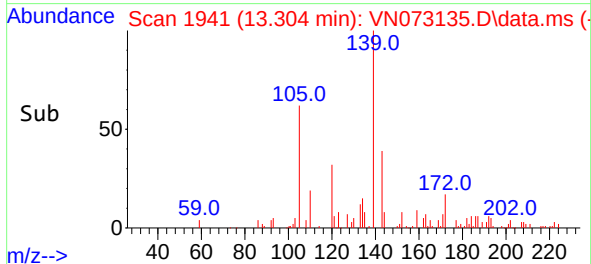
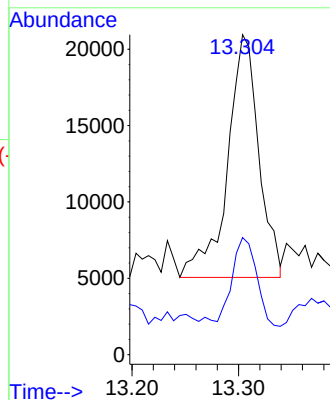
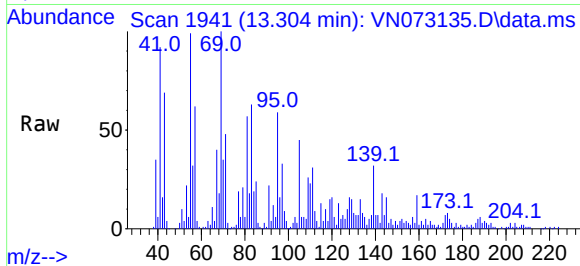




#84  
1,2,4-Trimethylbenzene  
Concen: 1.687 ug/l  
RT: 13.304 min Scan# 1941  
Delta R.T. 0.000 min  
Lab File: VN073135.D  
Acq: 26 Jun 2022 03:19

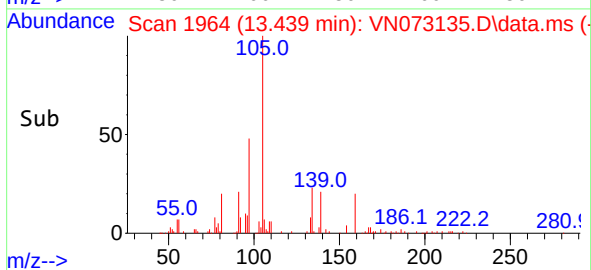
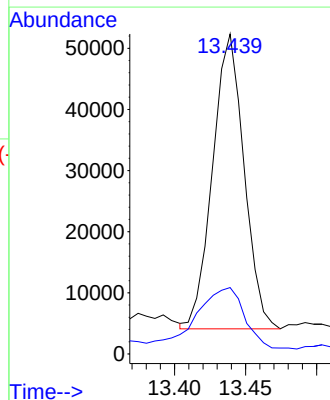
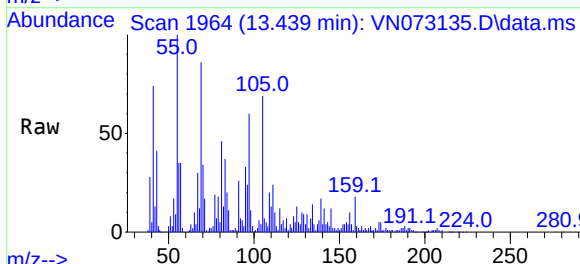
Instrument :  
MSVOA\_N  
ClientSampleId :  
SP-EXC-1-3

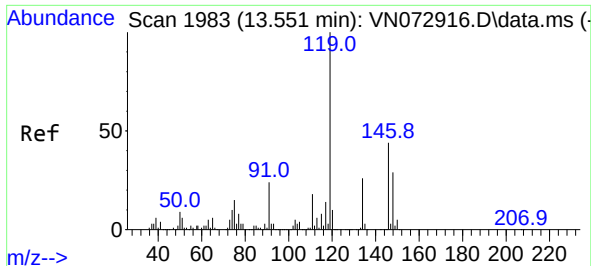
Tgt Ion:105 Resp: 32594  
Ion Ratio Lower Upper  
105 100  
120 28.3 23.3 69.8



#85  
sec-Butylbenzene  
Concen: 3.135 ug/l  
RT: 13.439 min Scan# 1964  
Delta R.T. 0.000 min  
Lab File: VN073135.D  
Acq: 26 Jun 2022 03:19

Tgt Ion:105 Resp: 74308  
Ion Ratio Lower Upper  
105 100  
134 32.5 10.4 31.1#

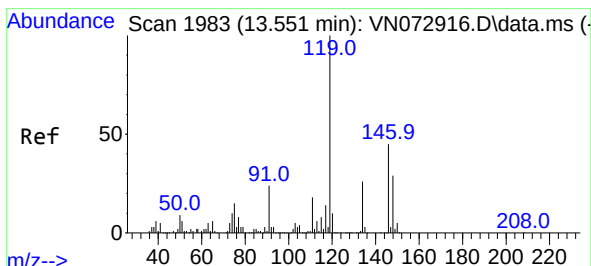
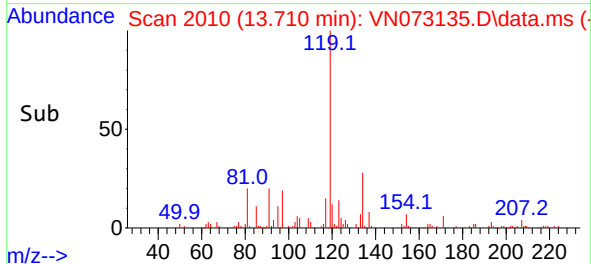
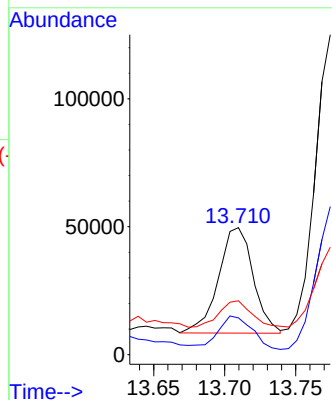
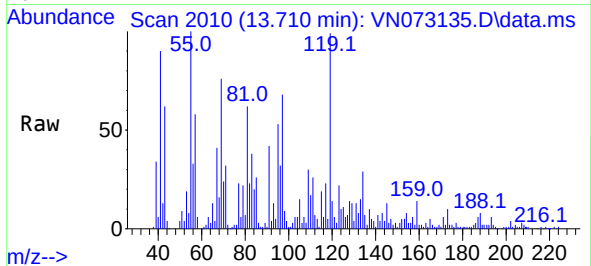




#86  
p-Isopropyltoluene  
Concen: 3.665 ug/l  
RT: 13.710 min Scan# 2010  
Delta R.T. 0.159 min  
Lab File: VN073135.D  
Acq: 26 Jun 2022 03:19

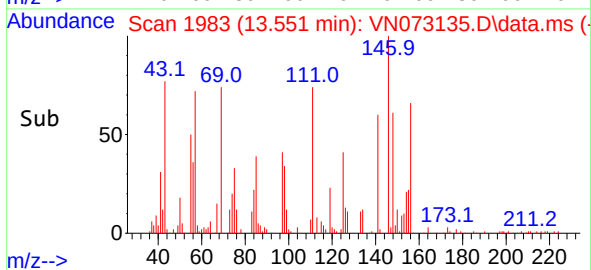
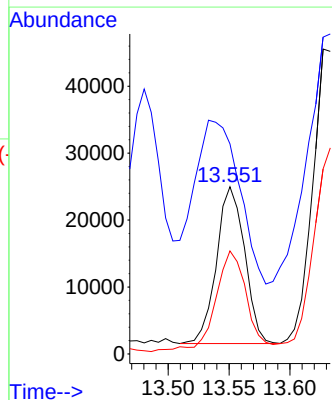
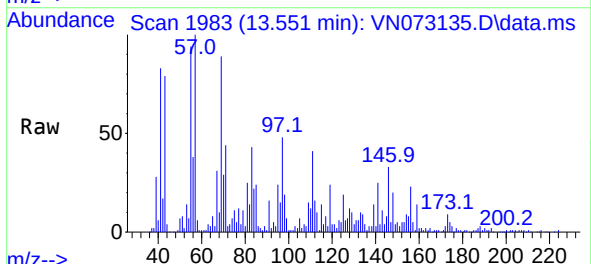
Instrument :  
MSVOA\_N  
ClientSampleId :  
SP-EXC-1-3

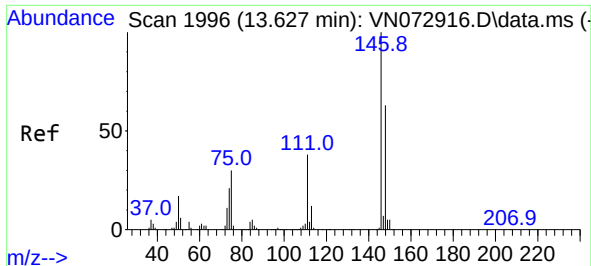
Tgt Ion:119 Resp: 70329  
Ion Ratio Lower Upper  
119 100  
134 33.4 13.3 39.8  
91 22.9 11.3 33.9



#87  
1,3-Dichlorobenzene  
Concen: 3.732 ug/l  
RT: 13.551 min Scan# 1983  
Delta R.T. 0.000 min  
Lab File: VN073135.D  
Acq: 26 Jun 2022 03:19

Tgt Ion:146 Resp: 37701  
Ion Ratio Lower Upper  
146 100  
111 168.4 20.0 60.0#  
148 71.8 32.0 96.0

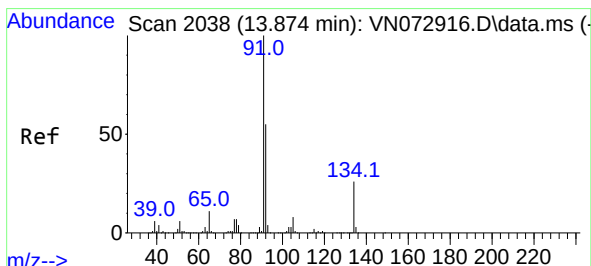
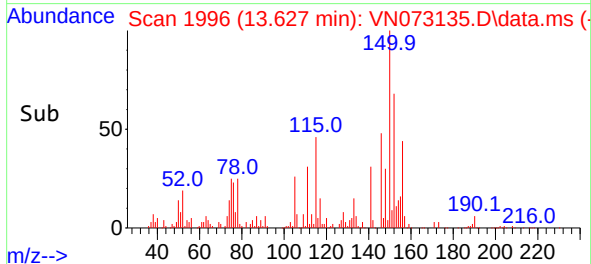
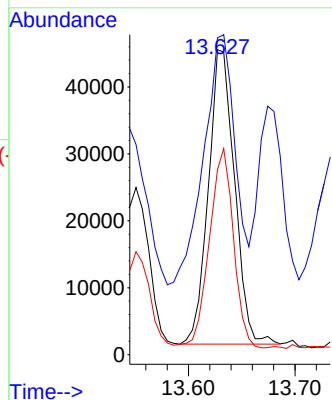
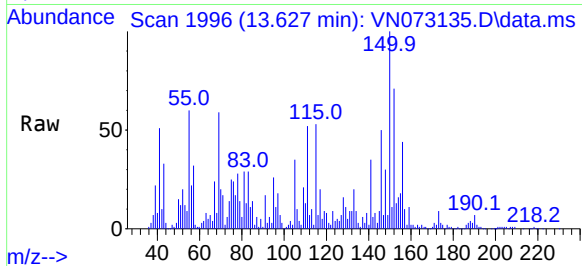




#88  
1,4-Dichlorobenzene  
Concen: 7.354 ug/l  
RT: 13.627 min Scan# 1996  
Delta R.T. 0.000 min  
Lab File: VN073135.D  
Acq: 26 Jun 2022 03:19

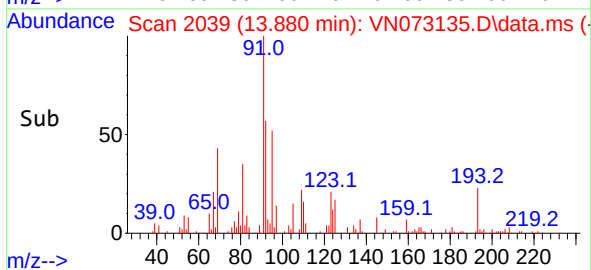
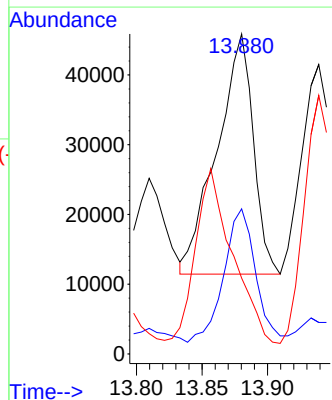
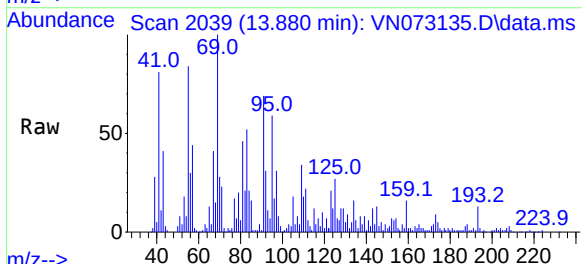
Instrument :  
MSVOA\_N  
ClientSampleId :  
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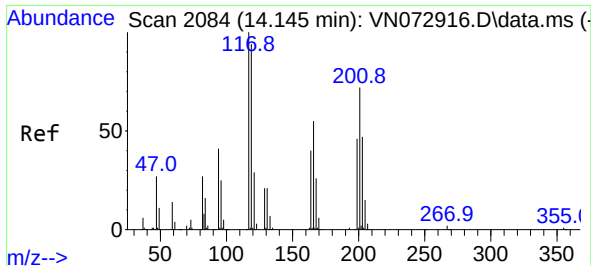
Tgt Ion:146 Resp: 75179  
Ion Ratio Lower Upper  
146 100  
111 100.8 19.1 57.1#  
148 63.1 31.4 94.3



#89  
n-Butylbenzene  
Concen: 4.249 ug/l  
RT: 13.880 min Scan# 2039  
Delta R.T. 0.006 min  
Lab File: VN073135.D  
Acq: 26 Jun 2022 03:19

Tgt Ion: 91 Resp: 66579  
Ion Ratio Lower Upper  
91 100  
92 48.6 26.9 80.7  
134 0.0 13.6 40.8#

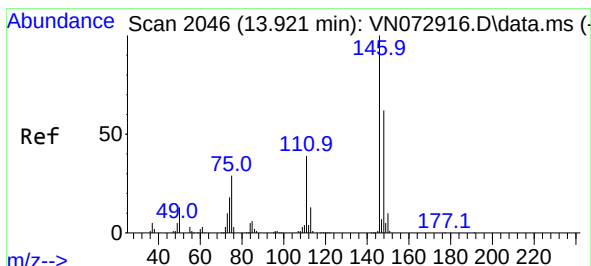
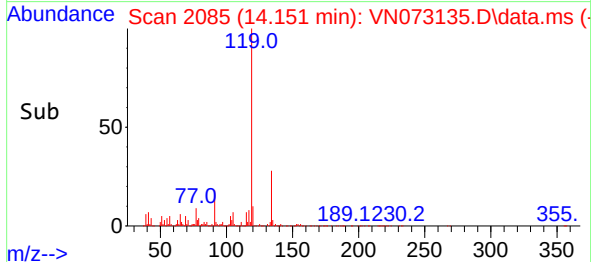
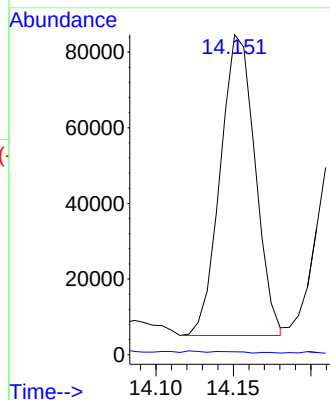
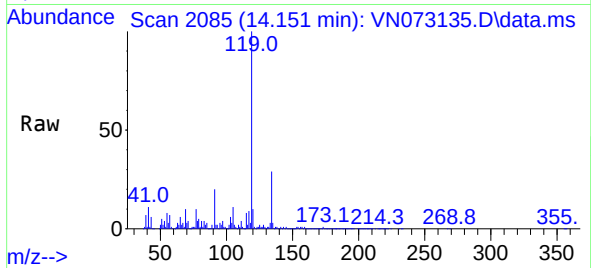




#90  
Hexachloroethane  
Concen: 34.357 ug/l  
RT: 14.151 min Scan# 2085  
Delta R.T. 0.006 min  
Lab File: VN073135.D  
Acq: 26 Jun 2022 03:19

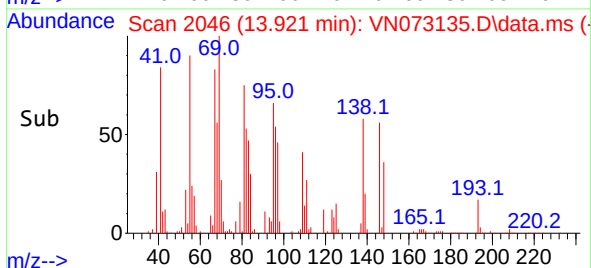
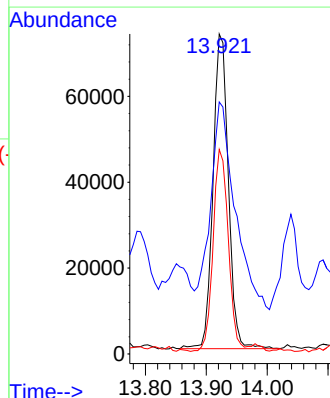
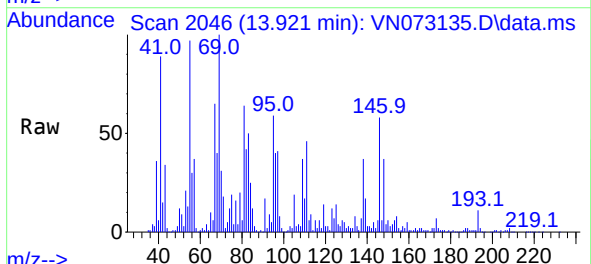
Instrument :  
MSVOA\_N  
ClientSampleId :  
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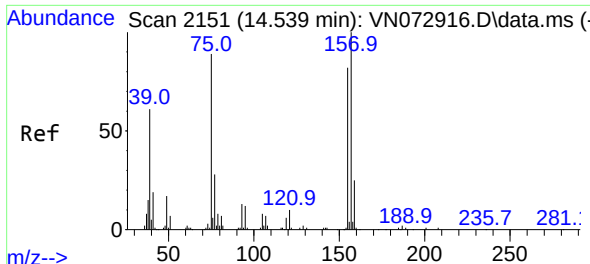
Tgt Ion:117 Resp: 124286  
Ion Ratio Lower Upper  
117 100  
201 0.0 40.6 122.0#



#91  
1,2-Dichlorobenzene  
Concen: 12.150 ug/l  
RT: 13.921 min Scan# 2046  
Delta R.T. 0.000 min  
Lab File: VN073135.D  
Acq: 26 Jun 2022 03:19

Tgt Ion:146 Resp: 127987  
Ion Ratio Lower Upper  
146 100  
111 105.5 20.9 62.8#  
148 64.0 32.1 96.3

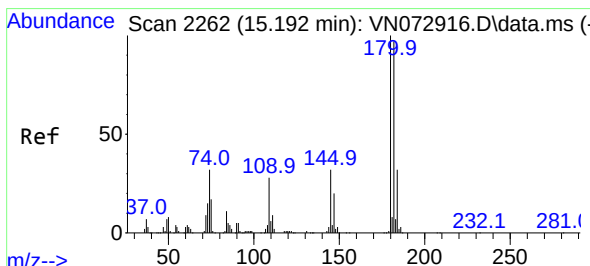
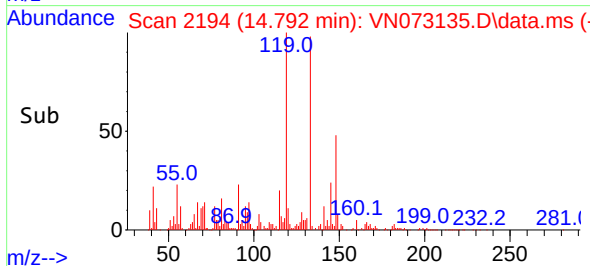
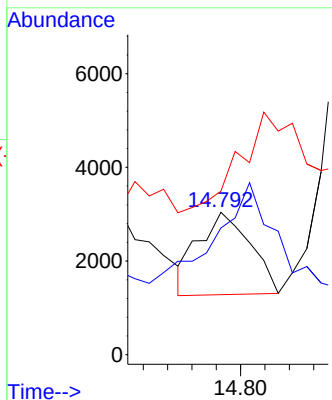
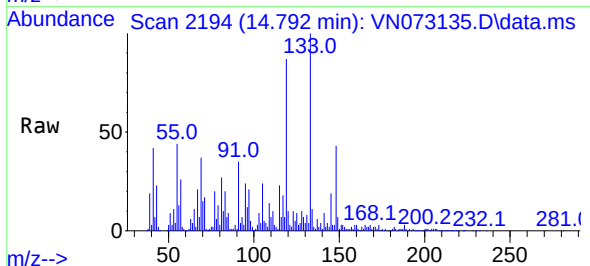




#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 1.131 ug/l  
 RT: 14.792 min Scan# 2151  
 Delta R.T. 0.253 min  
 Lab File: VN073135.D  
 Acq: 26 Jun 2022 03:19

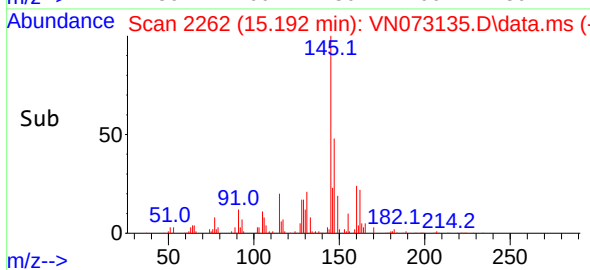
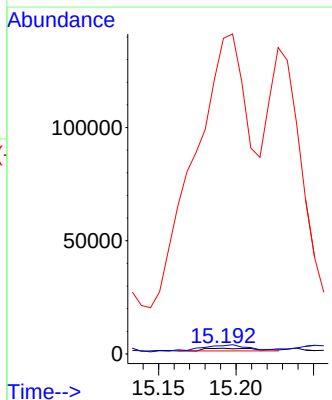
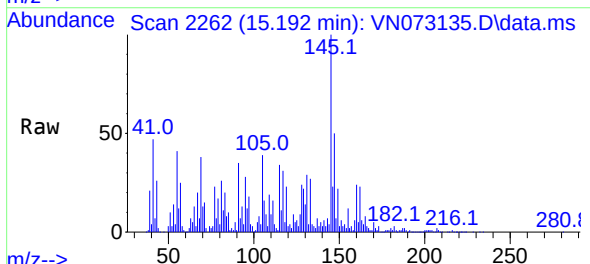
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 SP-EXC-1-3

Tgt Ion: 75 Resp: 2600  
 Ion Ratio Lower Upper  
 75 100  
 155 121.0 44.9 134.5  
 157 85.6 59.0 176.8

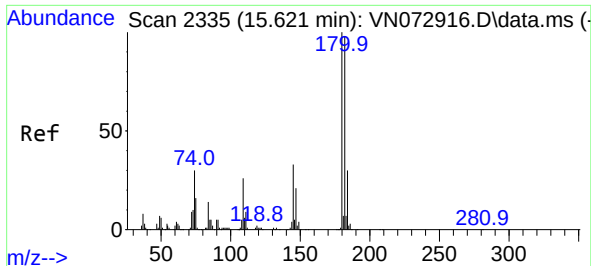


#93  
 1,2,4-Trichlorobenzene  
 Concen: 0.493 ug/l  
 RT: 15.192 min Scan# 2262  
 Delta R.T. 0.000 min  
 Lab File: VN073135.D  
 Acq: 26 Jun 2022 03:19

Tgt Ion: 180 Resp: 2873  
 Ion Ratio Lower Upper  
 180 100  
 182 293.1 47.5 142.5#  
 145 13021.0 14.5 43.5#

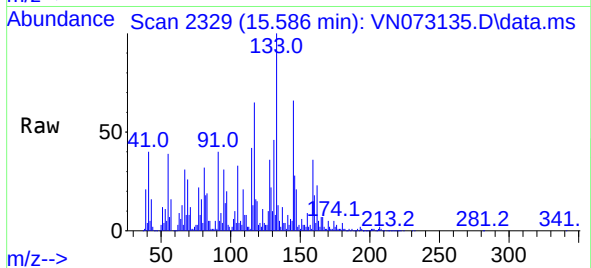






#96  
 1,2,3-Trichlorobenzene  
 Concen: 1.400 ug/l  
 RT: 15.586 min Scan# 21  
 Delta R.T. -0.035 min  
 Lab File: VN073135.D  
 Acq: 26 Jun 2022 03:19

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 SP-EXC-1-3



Tgt Ion:180 Resp: 8717  
 Ion Ratio Lower Upper  
 180 100  
 182 35.2 47.8 143.3#  
 145 1906.1 15.5 46.5#

