

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN070522\  
 Data File : VN073318.D  
 Acq On : 05 Jul 2022 16:23  
 Operator : JC\MD  
 Sample : N3564-02  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Jul 06 01:15:05 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N062822W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Jun 29 01:54:03 2022  
 Response via : Initial Calibration

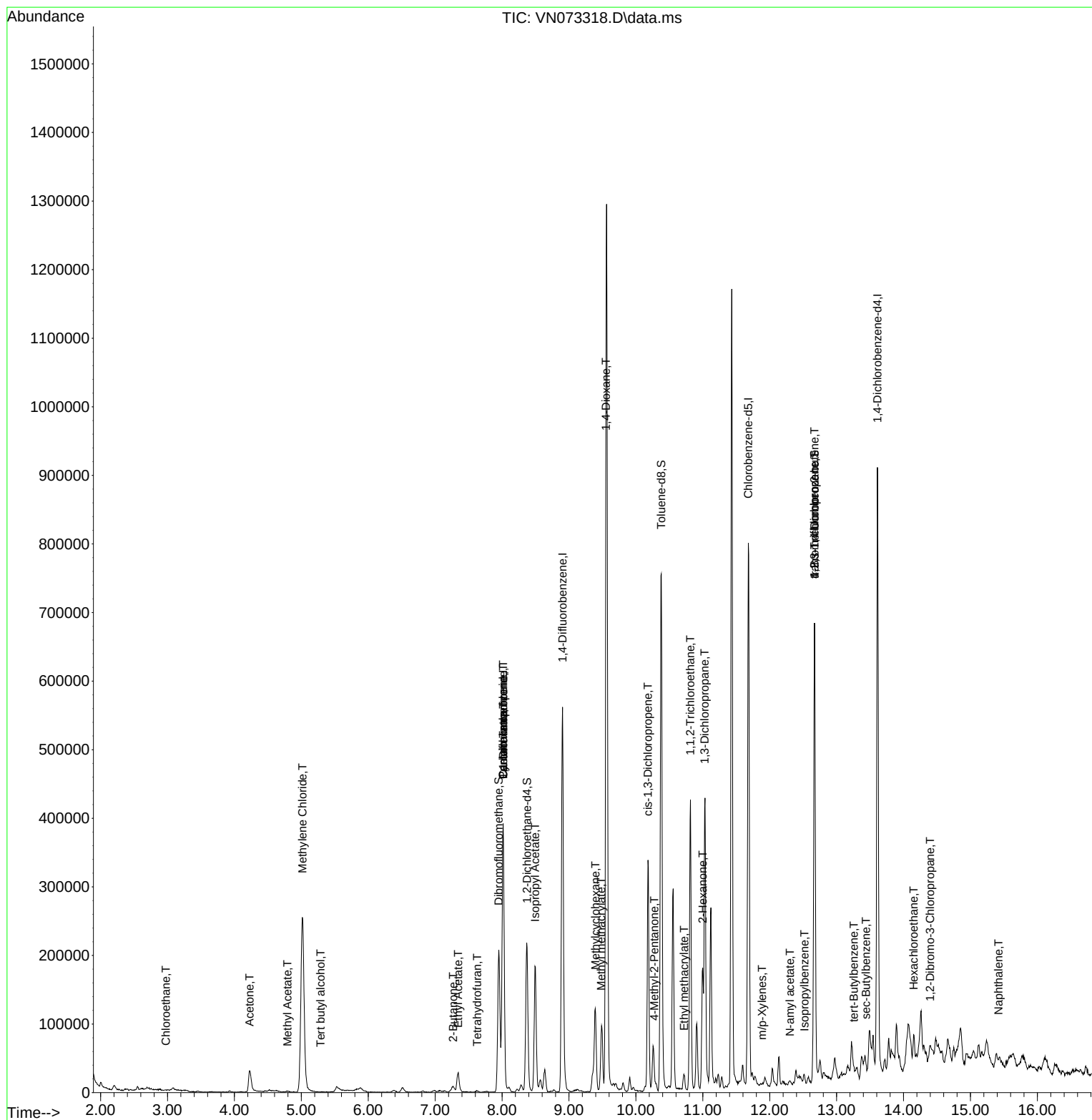
| Compound                      | R.T.           | QIon | Response   | Conc     | Units  | Dev(Min) |
|-------------------------------|----------------|------|------------|----------|--------|----------|
| -----                         |                |      |            |          |        |          |
| Internal Standards            |                |      |            |          |        |          |
| 1) Pentafluorobenzene         | 8.016          | 168  | 276896     | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene       | 8.904          | 114  | 477043     | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5          | 11.680         | 117  | 449222     | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4    | 13.610         | 152  | 228985     | 50.000   | ug/l   | 0.00     |
|                               |                |      |            |          |        |          |
| System Monitoring Compounds   |                |      |            |          |        |          |
| 33) 1,2-Dichloroethane-d4     | 8.375          | 65   | 181138     | 45.315   | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 74 - 125 |      | Recovery = | 90.640%  |        |          |
| 35) Dibromofluoromethane      | 7.951          | 113  | 151862     | 47.848   | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 75 - 124 |      | Recovery = | 95.700%  |        |          |
| 50) Toluene-d8                | 10.380         | 98   | 512268     | 45.444   | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 86 - 113 |      | Recovery = | 90.880%  |        |          |
| 62) 4-Bromofluorobenzene      | 12.668         | 95   | 229096     | 52.885   | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 83 - 123 |      | Recovery = | 105.780% |        |          |
|                               |                |      |            |          |        |          |
| Target Compounds              |                |      |            |          |        | Qvalue   |
| 6) Chloroethane               | 2.975          | 64   | 836        | 0.426    | ug/l # | 42       |
| 11) Tert butyl alcohol        | 5.287          | 59   | 339        | 0.350    | ug/l # | 72       |
| 16) Acetone                   | 4.228          | 43   | 59952      | 26.720   | ug/l   | 91       |
| 18) Methyl Acetate            | 4.792          | 43   | 3244       | 0.516    | ug/l # | 72       |
| 20) Methylene Chloride        | 5.016          | 84   | 206357     | 52.332   | ug/l   | 89       |
| 25) 2-Butanone                | 7.269          | 43   | 13627      | 3.815    | ug/l   | 96       |
| 29) Tetrahydrofuran           | 7.628          | 42   | 1397       | 0.571    | ug/l # | 66       |
| 31) Cyclohexane               | 8.016          | 56   | 13925      | 2.127    | ug/l # | 67       |
| 36) 1,1-Dichloropropene       | 8.016          | 75   | 23588      | 4.830    | ug/l # | 48       |
| 37) Ethyl Acetate             | 7.345          | 43   | 44662      | 6.053    | ug/l   | 98       |
| 38) Carbon Tetrachloride      | 8.016          | 117  | 29544      | 5.850    | ug/l # | 16       |
| 39) Methylcyclohexane         | 9.398          | 83   | 52532      | 8.640    | ug/l   | 93       |
| 43) Isopropyl Acetate         | 8.492          | 43   | 201333     | 18.985   | ug/l # | 85       |
| 48) Methyl methacrylate       | 9.480          | 41   | 6510       | 1.326    | ug/l # | 37       |
| 49) 1,4-Dioxane               | 9.551          | 88   | 64         | 0.687    | ug/l # | 1        |
| 51) 4-Methyl-2-Pentanone      | 10.274         | 43   | 8178       | 1.216    | ug/l   | 98       |
| 54) cis-1,3-Dichloropropene   | 10.180         | 75   | 59381      | 9.890    | ug/l # | 66       |
| 55) 1,1,2-Trichloroethane     | 10.816         | 97   | 4808       | 1.254    | ug/l # | 23       |
| 56) Ethyl methacrylate        | 10.722         | 69   | 2979       | 0.481    | ug/l # | 1        |
| 57) 1,3-Dichloropropane       | 11.027         | 76   | 4068       | 0.619    | ug/l # | 42       |
| 59) 2-Hexanone                | 10.998         | 43   | 161678     | 31.539   | ug/l # | 21       |
| 68) m/p-Xylenes               | 11.886         | 106  | 1470       | 0.211    | ug/l # | 34       |
| 73) Isopropylbenzene          | 12.521         | 105  | 7321       | 0.370    | ug/l   | 94       |
| 74) N-amyl acetate            | 12.304         | 43   | 3539       | 0.357    | ug/l # | 46       |
| 76) 1,2,3-Trichloropropane    | 12.668         | 75   | 122226     | 20.414   | ug/l # | 1        |
| 81) trans-1,4-Dichloro-2-b... | 12.668         | 75   | 122226     | 55.983   | ug/l # | 10       |
| 83) tert-Butylbenzene         | 13.257         | 119  | 3074       | 0.213    | ug/l   | 91       |
| 85) sec-Butylbenzene          | 13.439         | 105  | 5206       | 0.268    | ug/l   | 90       |
| 90) Hexachloroethane          | 14.151         | 117  | 2492       | 0.853    | ug/l # | 9        |
| 92) 1,2-Dibromo-3-Chloropr... | 14.398         | 75   | 618        | 0.387    | ug/l   | 65       |
| 95) Naphthalene               | 15.421         | 128  | 4487       | 0.254    | ug/l # | 92       |
| -----                         |                |      |            |          |        |          |

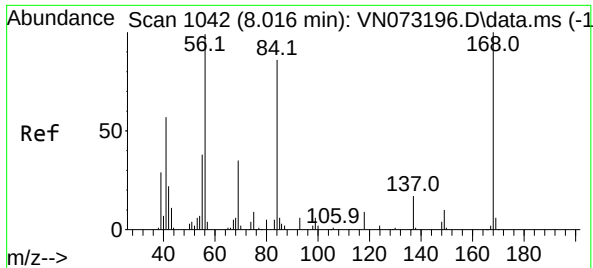
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN070522\  
Data File : VN073318.D  
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Sample : N3564-02  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :

Quant Time: Jul 06 01:15:05 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

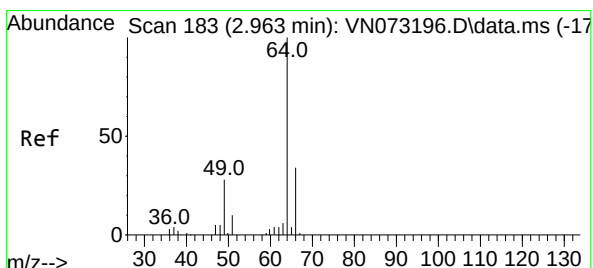
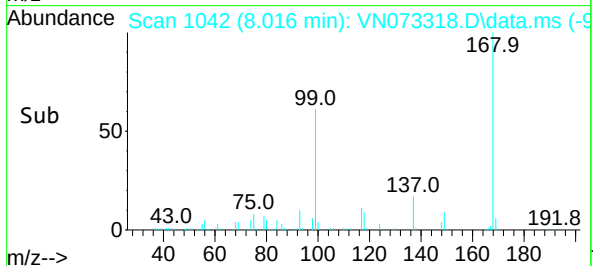
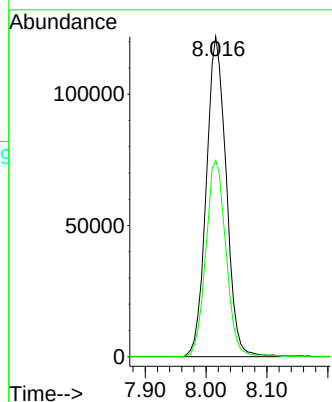
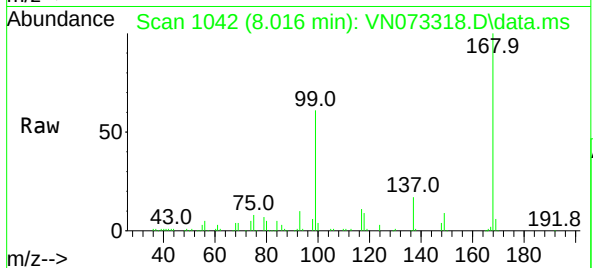




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.016 min Scan# 1042  
Delta R.T. -0.000 min  
Lab File: VN073318.D  
Acq: 05 Jul 2022 16:23

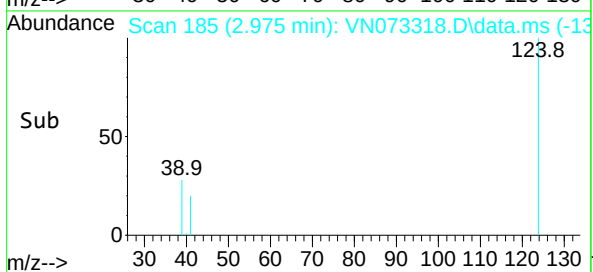
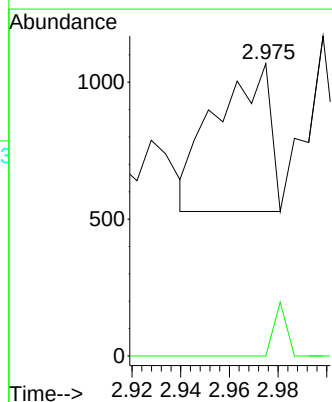
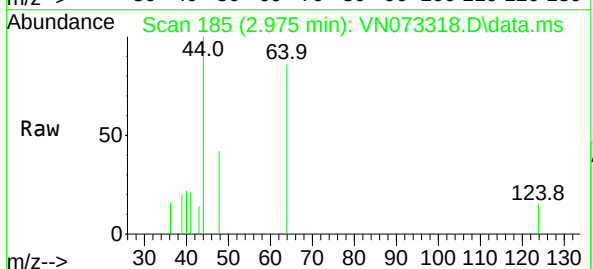
Instrument :  
MSVOA\_N  
ClientSampleId :

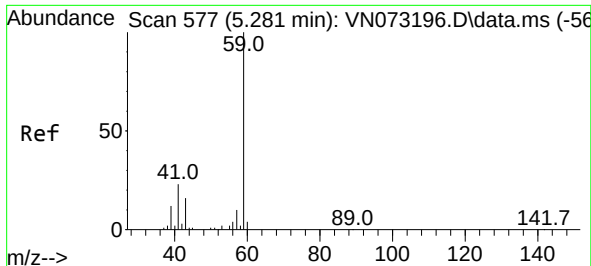
Tgt Ion:168 Resp: 276896  
Ion Ratio Lower Upper  
168 100  
99 61.4 42.3 63.5



#6  
Chloroethane  
Concen: 0.426 ug/l  
RT: 2.975 min Scan# 185  
Delta R.T. 0.012 min  
Lab File: VN073318.D  
Acq: 05 Jul 2022 16:23

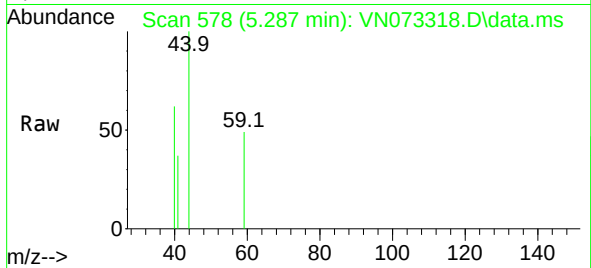
Tgt Ion: 64 Resp: 836  
Ion Ratio Lower Upper  
64 100  
66 0.0 26.2 39.4#



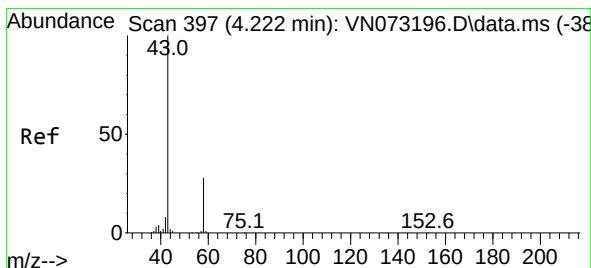
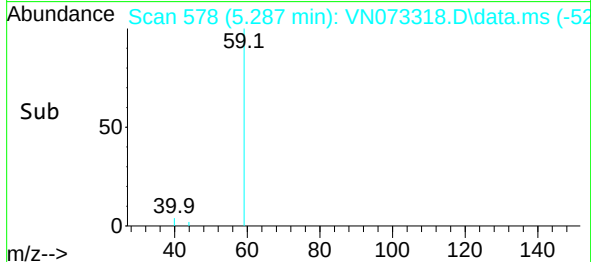
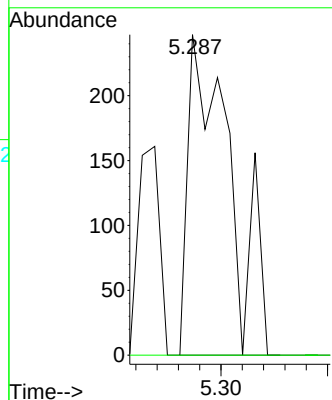


#11  
Tert butyl alcohol  
Concen: 0.350 ug/l  
RT: 5.287 min Scan# 51  
Delta R.T. 0.006 min  
Lab File: VN073318.D  
Acq: 05 Jul 2022 16:23

Instrument :  
MSVOA\_N  
ClientSampleId :

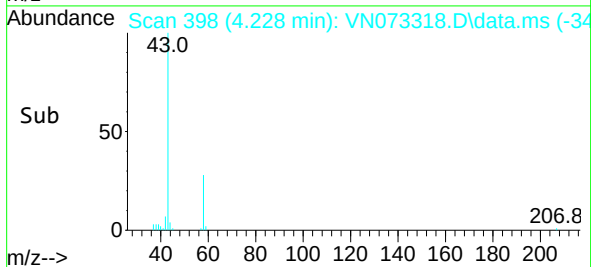
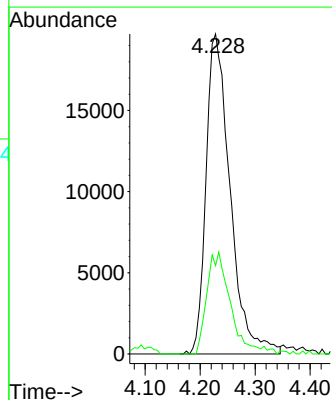
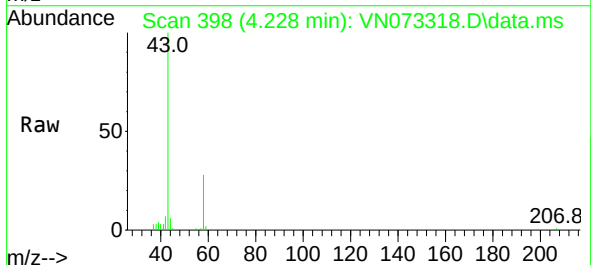


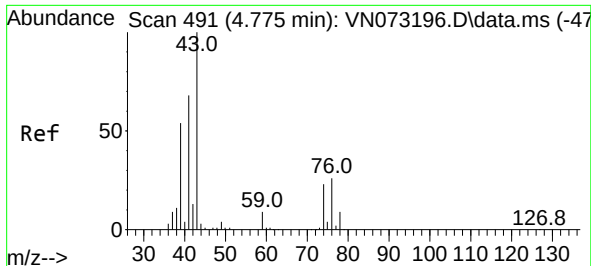
Tgt Ion: 59 Resp: 339  
Ion Ratio Lower Upper  
59 100  
57 0.0 8.3 12.5#



#16  
Acetone  
Concen: 26.720 ug/l  
RT: 4.228 min Scan# 398  
Delta R.T. 0.006 min  
Lab File: VN073318.D  
Acq: 05 Jul 2022 16:23

Tgt Ion: 43 Resp: 59952  
Ion Ratio Lower Upper  
43 100  
58 27.6 26.0 39.0

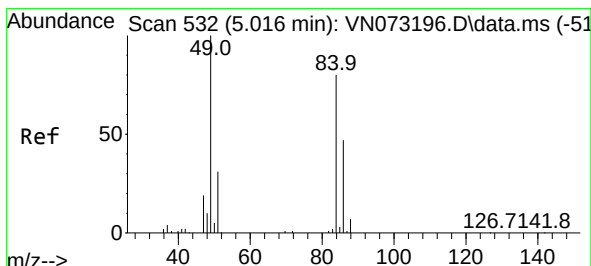
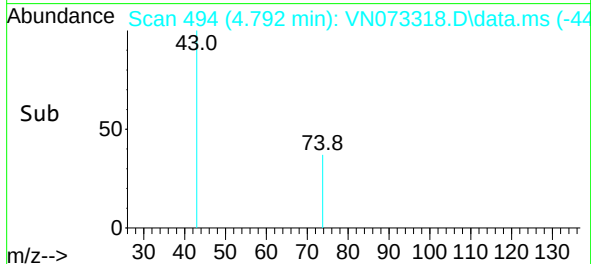
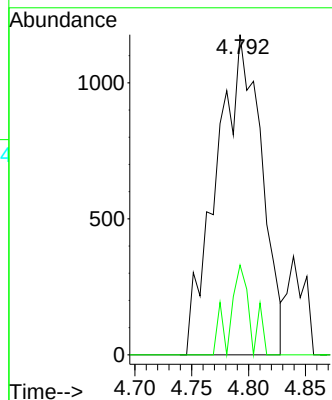
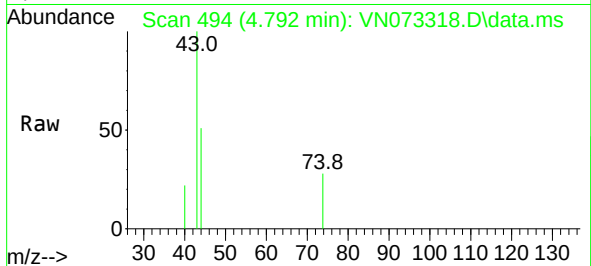




#18  
Methyl Acetate  
Concen: 0.516 ug/l  
RT: 4.792 min Scan# 491  
Delta R.T. 0.017 min  
Lab File: VN073318.D  
Acq: 05 Jul 2022 16:23

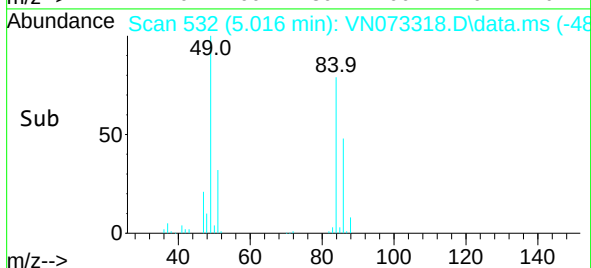
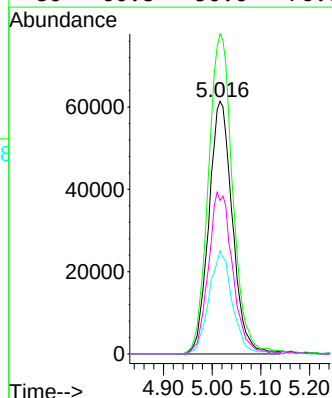
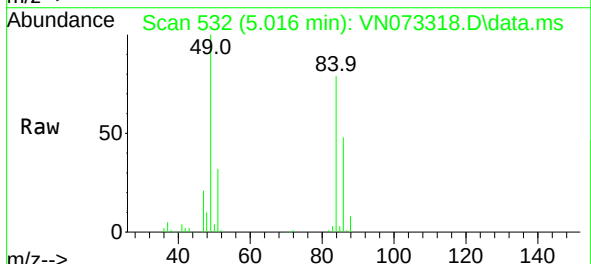
Instrument :  
MSVOA\_N  
ClientSampleId :

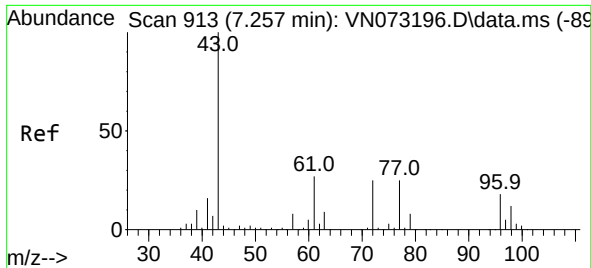
Tgt Ion: 43 Resp: 3244  
Ion Ratio Lower Upper  
43 100  
74 12.7 21.6 32.4#



#20  
Methylene Chloride  
Concen: 52.332 ug/l  
RT: 5.016 min Scan# 532  
Delta R.T. 0.000 min  
Lab File: VN073318.D  
Acq: 05 Jul 2022 16:23

Tgt Ion: 84 Resp: 206357  
Ion Ratio Lower Upper  
84 100  
49 126.7 88.3 132.5  
51 40.8 28.2 42.2  
86 60.8 50.6 76.0

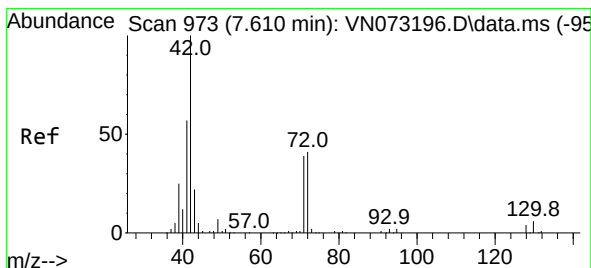
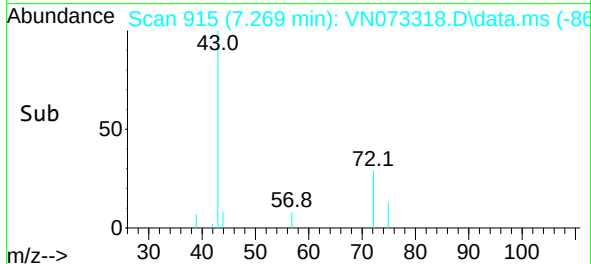
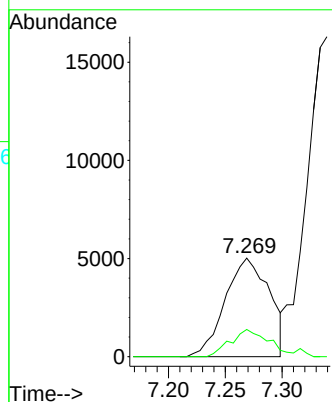
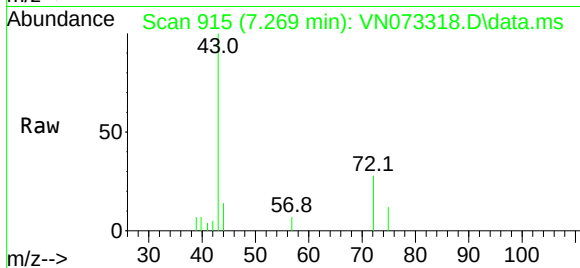




#25  
2-Butanone  
Concen: 3.815 ug/l  
RT: 7.269 min Scan# 913  
Delta R.T. 0.012 min  
Lab File: VN073318.D  
Acq: 05 Jul 2022 16:23

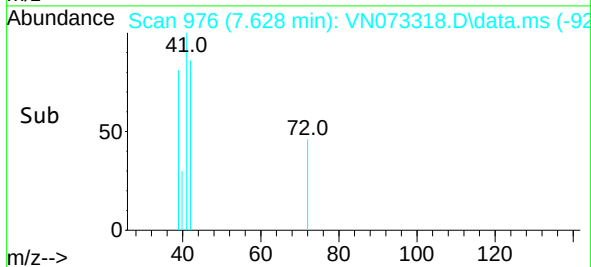
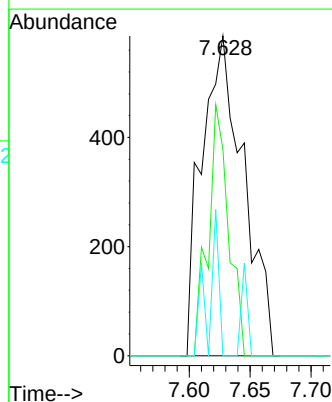
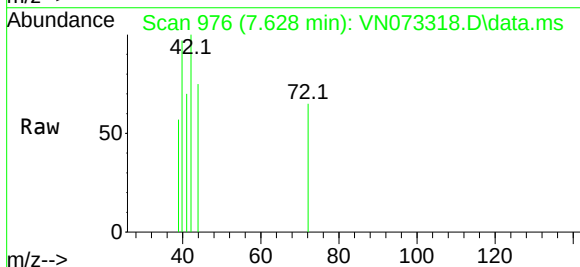
Instrument :  
MSVOA\_N  
ClientSampleId :

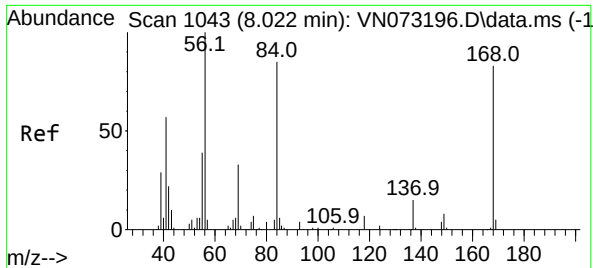
Tgt Ion: 43 Resp: 13627  
Ion Ratio Lower Upper  
43 100  
72 27.6 23.7 35.5



#29  
Tetrahydrofuran  
Concen: 0.571 ug/l  
RT: 7.628 min Scan# 976  
Delta R.T. 0.018 min  
Lab File: VN073318.D  
Acq: 05 Jul 2022 16:23

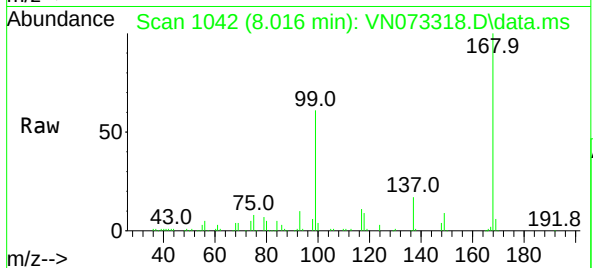
Tgt Ion: 42 Resp: 1397  
Ion Ratio Lower Upper  
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72 38.6 39.7 59.5#  
71 11.0 36.6 55.0#



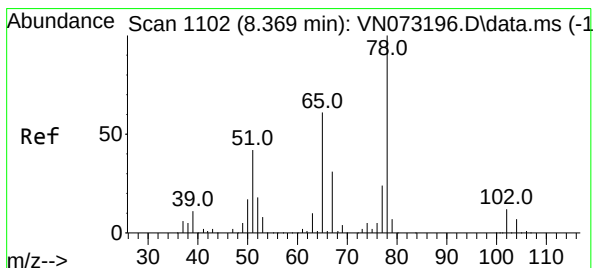
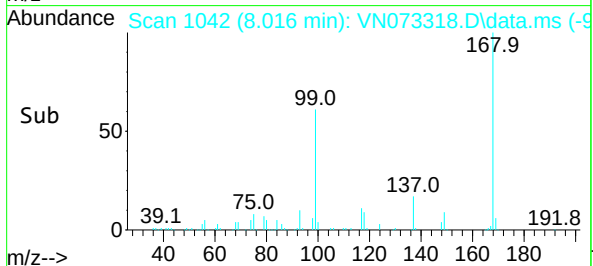
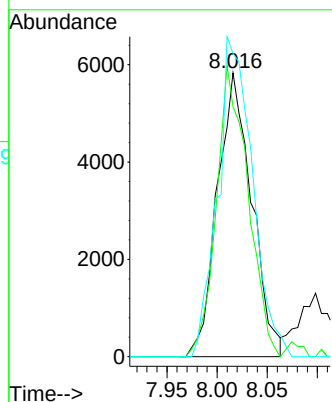


#31  
Cyclohexane  
Concen: 2.127 ug/l  
RT: 8.016 min Scan# 1103  
Delta R.T. -0.006 min  
Lab File: VN073318.D  
Acq: 05 Jul 2022 16:23

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MSVOA\_N  
ClientSampleId :

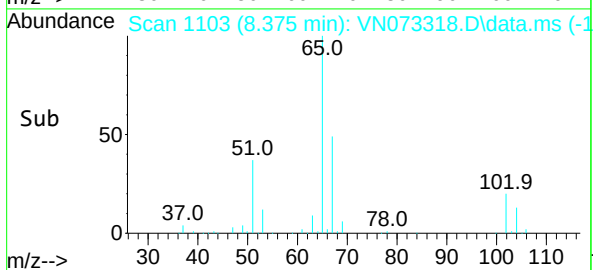
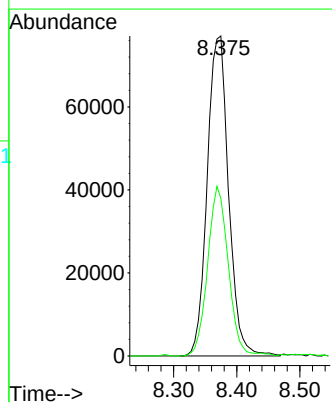
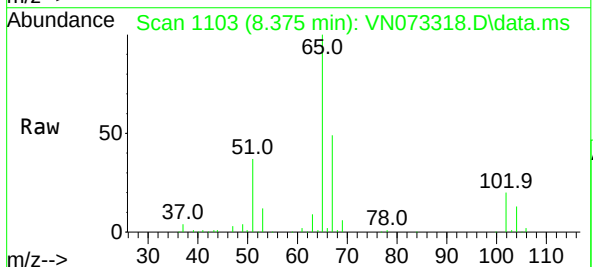


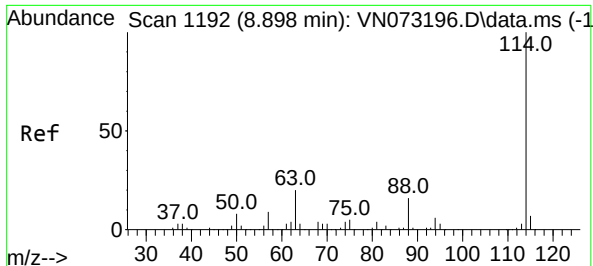
Tgt Ion: 56 Resp: 13925  
Ion Ratio Lower Upper  
56 100  
69 88.2 27.8 41.8#  
84 106.9 76.9 115.3



#33  
1,2-Dichloroethane-d4  
Concen: 45.315 ug/l  
RT: 8.375 min Scan# 1103  
Delta R.T. 0.006 min  
Lab File: VN073318.D  
Acq: 05 Jul 2022 16:23

Tgt Ion: 65 Resp: 181138  
Ion Ratio Lower Upper  
65 100  
67 51.4 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1192

Delta R.T. 0.006 min

Lab File: VN073318.D

Acq: 05 Jul 2022 16:23

Instrument :

MSVOA\_N

ClientSampleId :

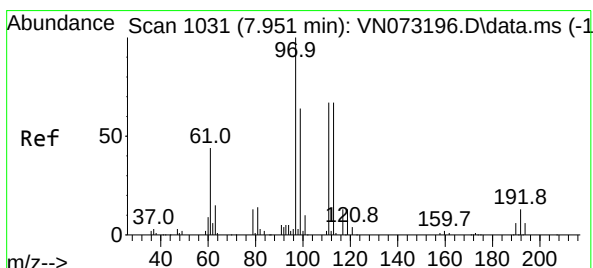
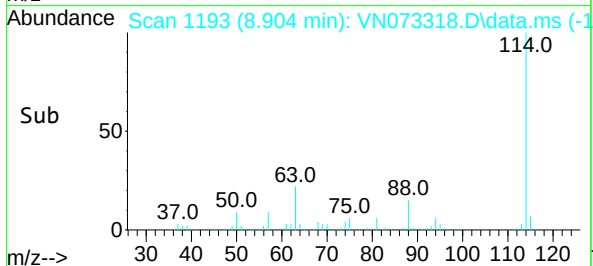
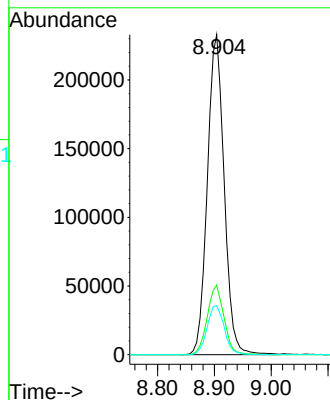
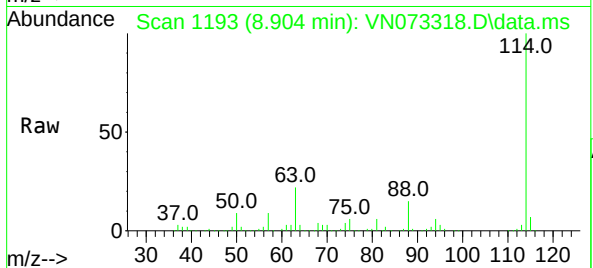
Tgt Ion:114 Resp: 477043

Ion Ratio Lower Upper

114 100

63 21.7 0.0 40.0

88 15.4 0.0 32.6



#35

Dibromofluoromethane

Concen: 47.848 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN073318.D

Acq: 05 Jul 2022 16:23

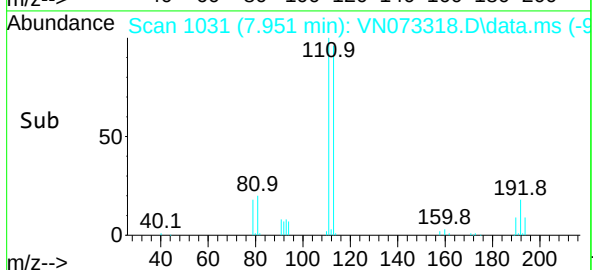
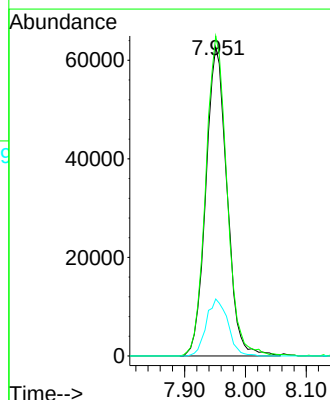
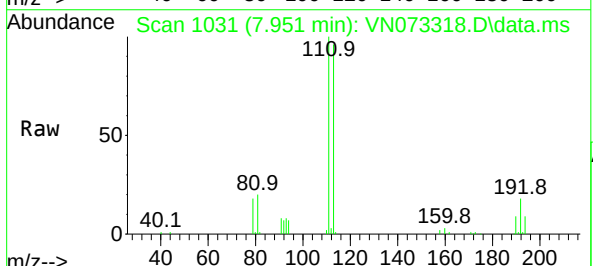
Tgt Ion:113 Resp: 151862

Ion Ratio Lower Upper

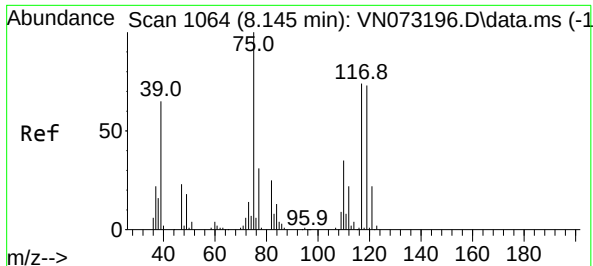
113 100

111 104.3 81.4 122.0

192 18.8 17.0 25.6







#36

1,1-Dichloropropene

Concen: 4.830 ug/l

RT: 8.016 min Scan# 1

Delta R.T. -0.129 min

Lab File: VN073318.D

Acq: 05 Jul 2022 16:23

Instrument :

MSVOA\_N

ClientSampleId :

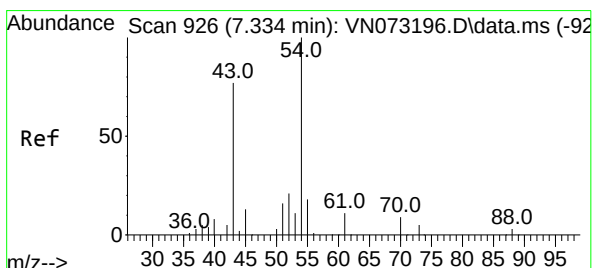
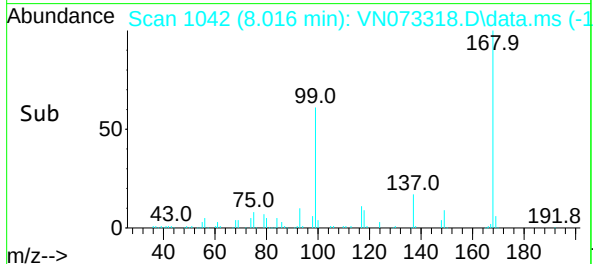
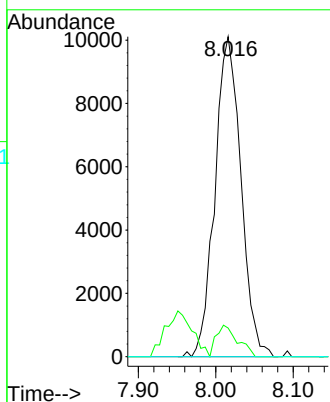
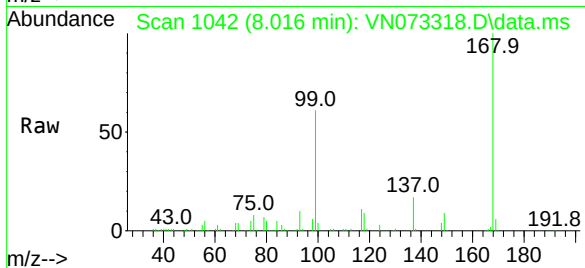
Tgt Ion: 75 Resp: 23588

Ion Ratio Lower Upper

75 100

110 8.1 18.3 54.8#

77 0.0 25.1 37.7#



#37

Ethyl Acetate

Concen: 6.053 ug/l

RT: 7.345 min Scan# 928

Delta R.T. 0.011 min

Lab File: VN073318.D

Acq: 05 Jul 2022 16:23

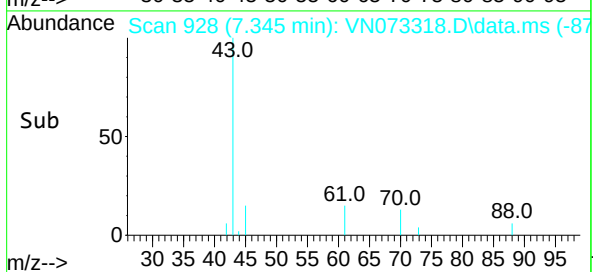
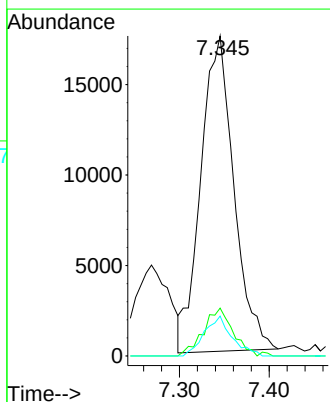
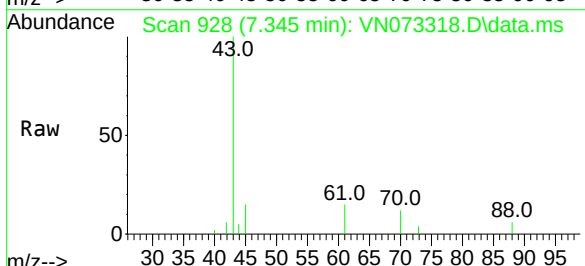
Tgt Ion: 43 Resp: 44662

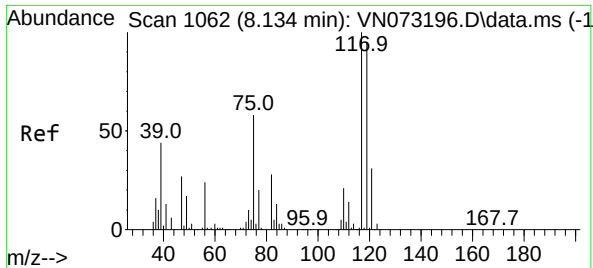
Ion Ratio Lower Upper

43 100

61 13.7 11.8 17.6

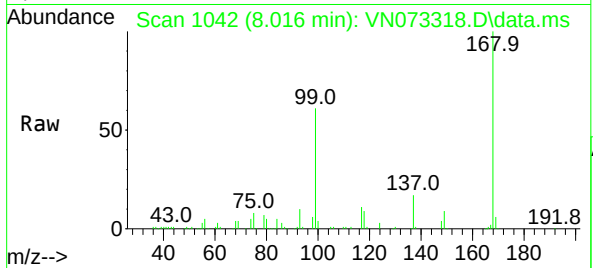
70 10.6 9.3 13.9



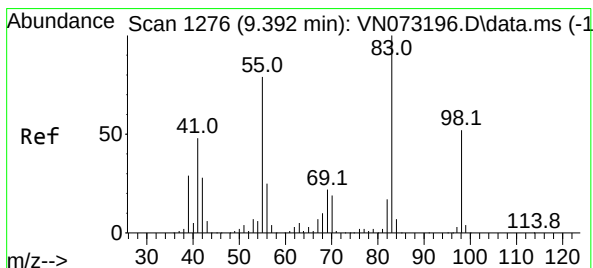
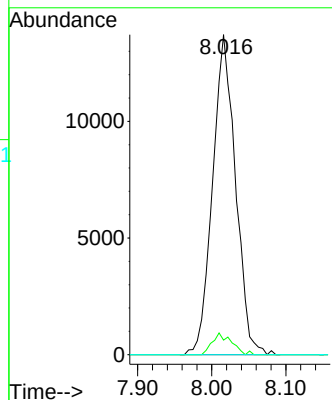
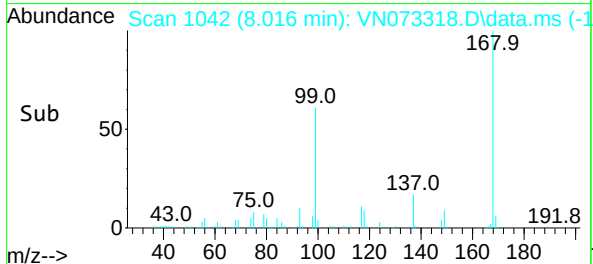


#38  
Carbon Tetrachloride  
Concen: 5.850 ug/l  
RT: 8.016 min Scan# 1042  
Delta R.T. -0.118 min  
Lab File: VN073318.D  
Acq: 05 Jul 2022 16:23

Instrument :  
MSVOA\_N  
ClientSampleId :

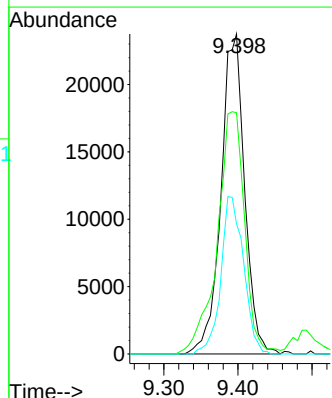
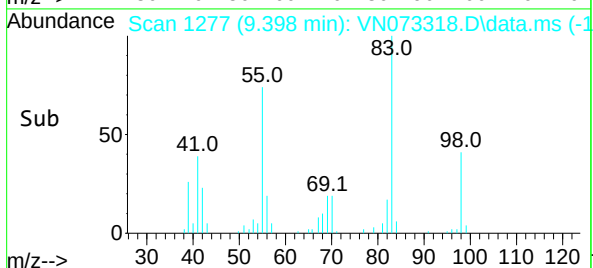
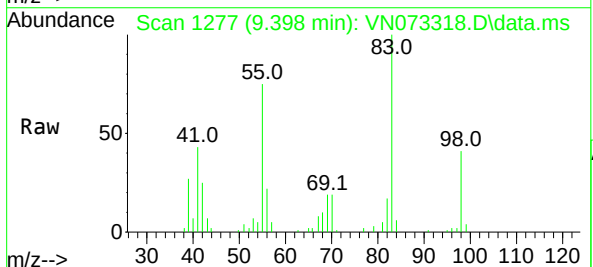


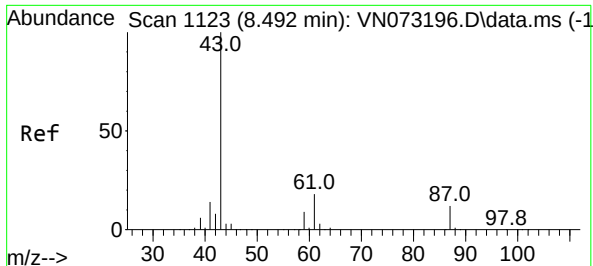
Tgt Ion:117 Resp: 29544  
Ion Ratio Lower Upper  
117 100  
119 4.5 75.8 113.8#  
121 0.0 24.6 37.0#



#39  
Methylcyclohexane  
Concen: 8.640 ug/l  
RT: 9.398 min Scan# 1277  
Delta R.T. 0.006 min  
Lab File: VN073318.D  
Acq: 05 Jul 2022 16:23

Tgt Ion: 83 Resp: 52532  
Ion Ratio Lower Upper  
83 100  
55 74.7 57.8 86.8  
98 40.7 39.4 59.2

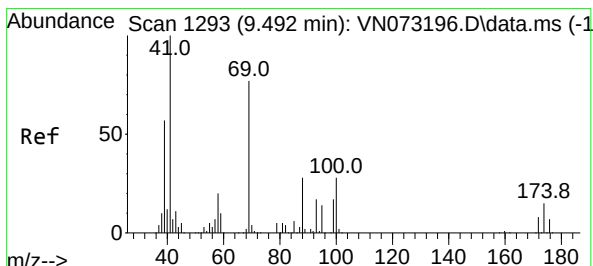
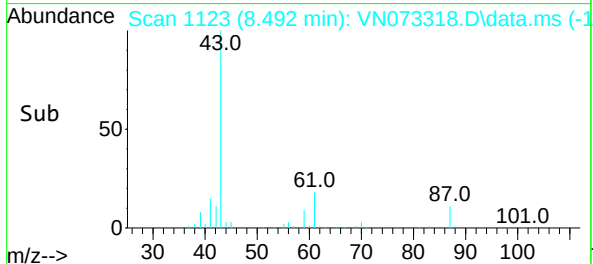
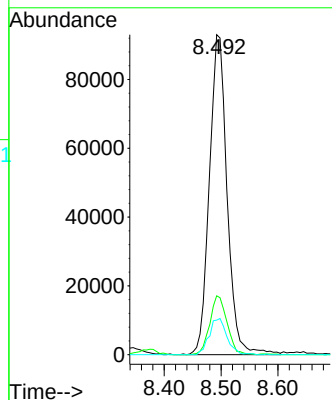
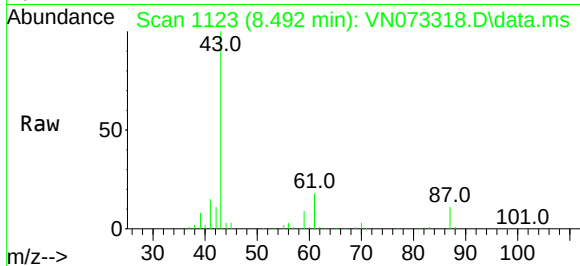




#43  
Isopropyl Acetate  
Concen: 18.985 ug/l  
RT: 8.492 min Scan# 1123  
Delta R.T. 0.000 min  
Lab File: VN073318.D  
Acq: 05 Jul 2022 16:23

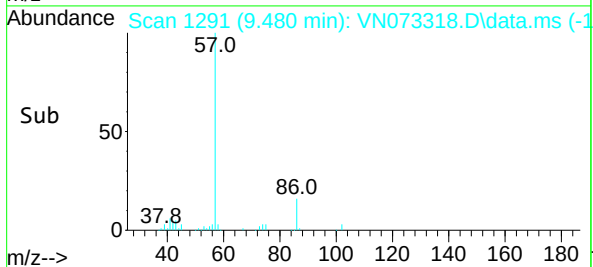
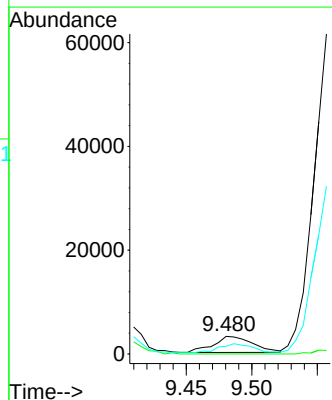
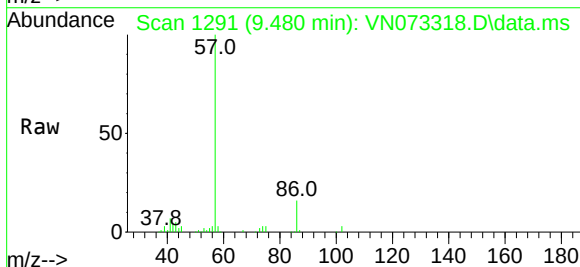
Instrument :  
MSVOA\_N  
ClientSampleId :

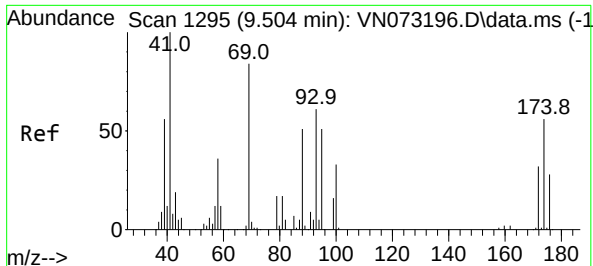
Tgt Ion: 43 Resp: 201333  
Ion Ratio Lower Upper  
43 100  
61 17.9 21.9 32.9#  
87 11.3 12.0 18.0#



#48  
Methyl methacrylate  
Concen: 1.326 ug/l  
RT: 9.480 min Scan# 1291  
Delta R.T. -0.012 min  
Lab File: VN073318.D  
Acq: 05 Jul 2022 16:23

Tgt Ion: 41 Resp: 6510  
Ion Ratio Lower Upper  
41 100  
69 0.0 74.7 112.1#  
39 50.9 45.6 68.4





#49

1,4-Dioxane

Concen: 0.687 ug/l

RT: 9.551 min Scan# 11

Delta R.T. 0.047 min

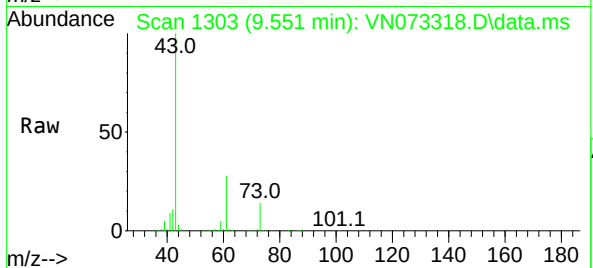
Lab File: VN073318.D

Acq: 05 Jul 2022 16:23

Instrument :

MSVOA\_N

ClientSampleId :



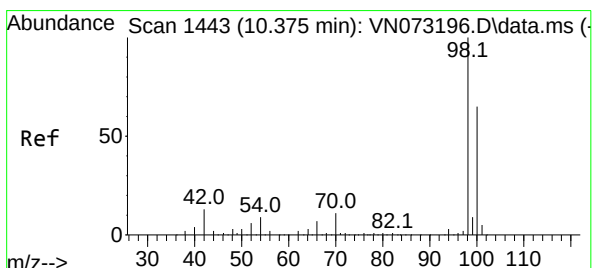
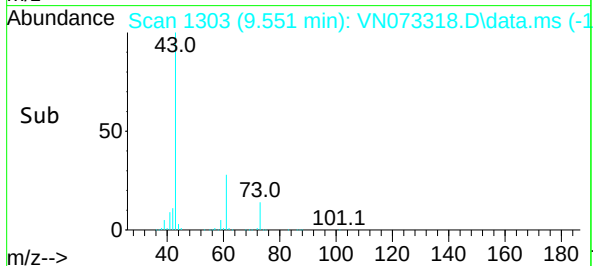
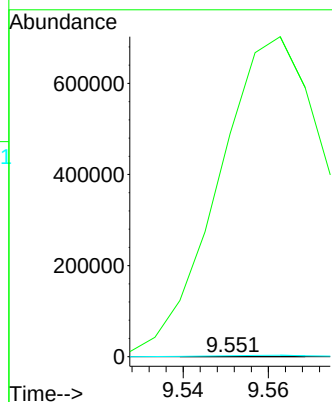
Tgt Ion: 88 Resp: 64

Ion Ratio Lower Upper

88 100

43 2061385.9 20.2 30.4#

58 8781.3 54.2 81.4#



#50

Toluene-d8

Concen: 45.444 ug/l

RT: 10.380 min Scan# 1444

Delta R.T. 0.005 min

Lab File: VN073318.D

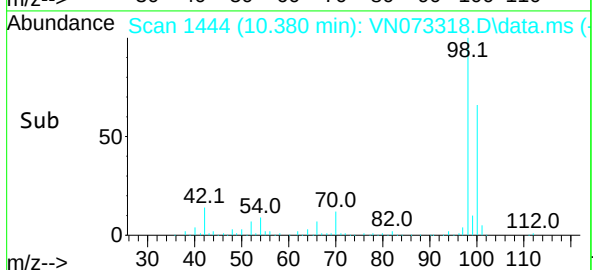
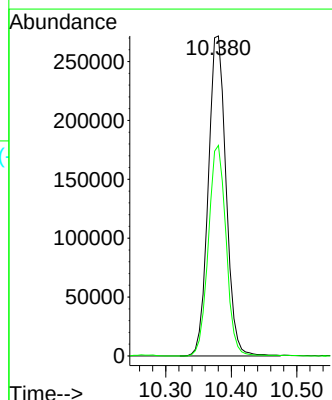
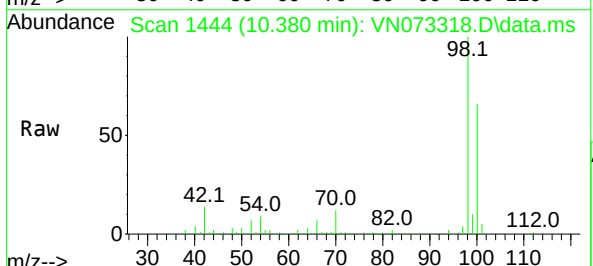
Acq: 05 Jul 2022 16:23

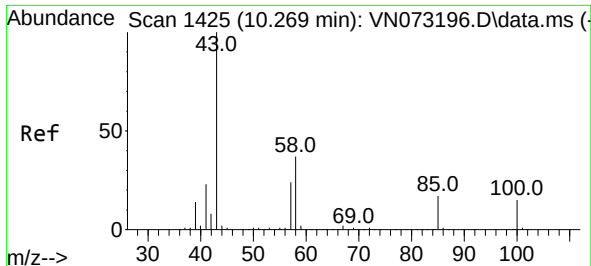
Tgt Ion: 98 Resp: 512268

Ion Ratio Lower Upper

98 100

100 65.7 52.6 78.8

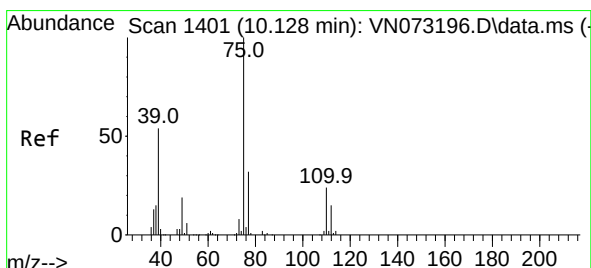
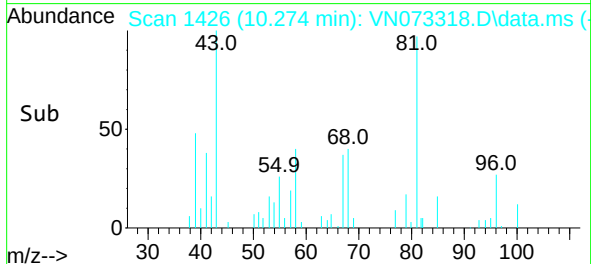
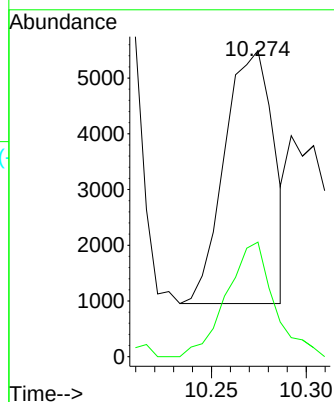
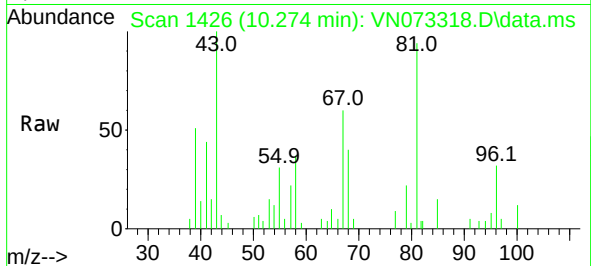




#51  
4-Methyl-2-Pentanone  
Concen: 1.216 ug/l  
RT: 10.274 min Scan# 1425  
Delta R.T. 0.005 min  
Lab File: VN073318.D  
Acq: 05 Jul 2022 16:23

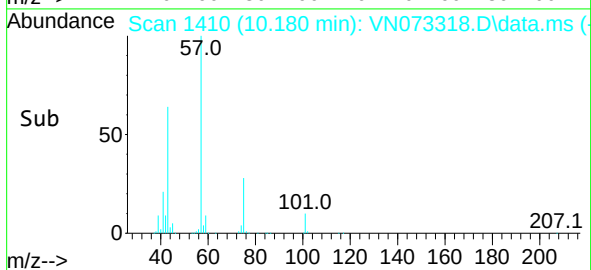
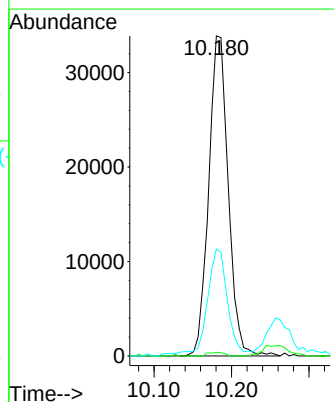
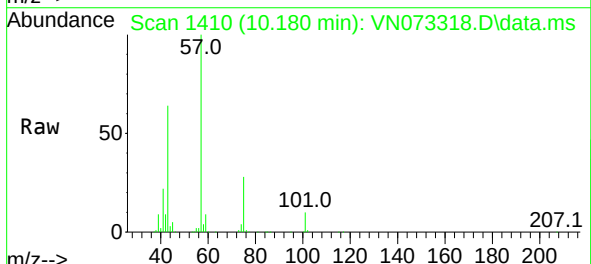
Instrument :  
MSVOA\_N  
ClientSampleId :

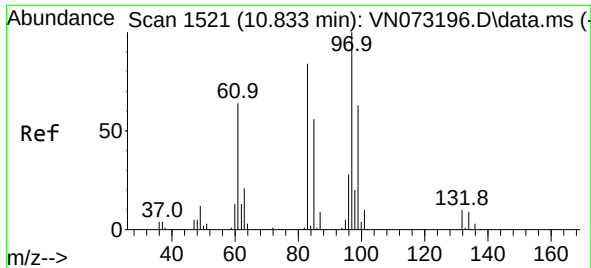
Tgt Ion: 43 Resp: 8178  
Ion Ratio Lower Upper  
43 100  
58 43.6 34.1 51.1



#54  
cis-1,3-Dichloropropene  
Concen: 9.890 ug/l  
RT: 10.180 min Scan# 1410  
Delta R.T. 0.052 min  
Lab File: VN073318.D  
Acq: 05 Jul 2022 16:23

Tgt Ion: 75 Resp: 59381  
Ion Ratio Lower Upper  
75 100  
77 1.2 25.2 37.8#  
39 32.3 35.7 53.5#

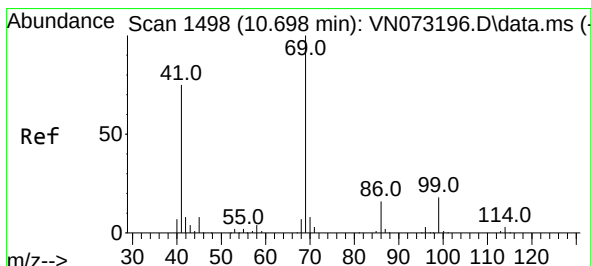
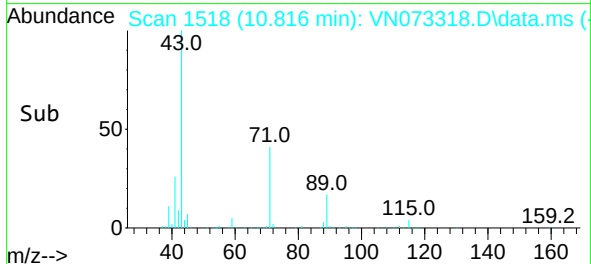
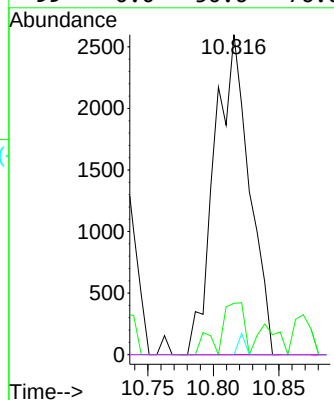
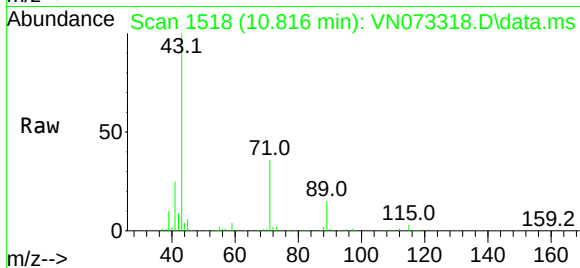




#55  
1,1,2-Trichloroethane  
Concen: 1.254 ug/l  
RT: 10.816 min Scan# 1502  
Delta R.T. -0.017 min  
Lab File: VN073318.D  
Acq: 05 Jul 2022 16:23

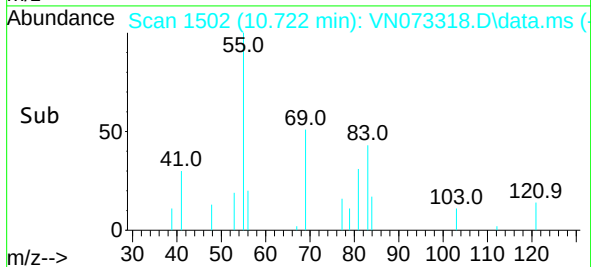
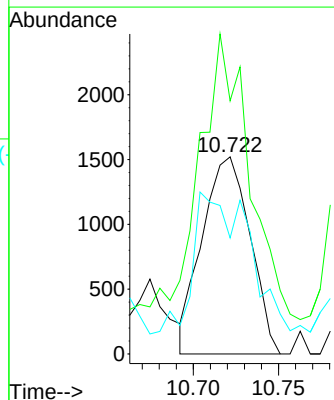
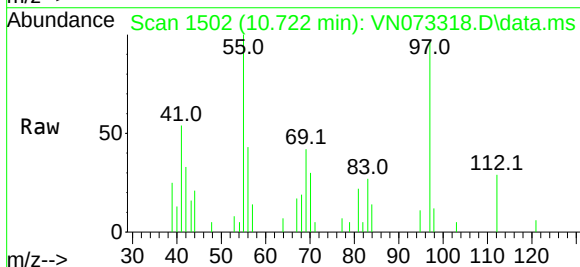
Instrument :  
MSVOA\_N  
ClientSampleId :

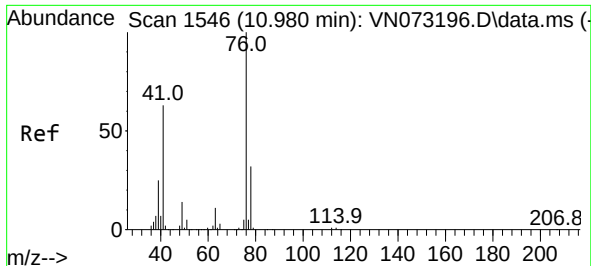
|             |             |
|-------------|-------------|
| Tgt Ion: 97 | Resp: 4808  |
| Ion Ratio   | Lower Upper |
| 97 100      |             |
| 83 16.0     | 66.2 99.4#  |
| 85 0.0      | 43.9 65.9#  |
| 99 0.0      | 50.6 76.0#  |



#56  
Ethyl methacrylate  
Concen: 0.481 ug/l  
RT: 10.722 min Scan# 1502  
Delta R.T. 0.024 min  
Lab File: VN073318.D  
Acq: 05 Jul 2022 16:23

|             |             |
|-------------|-------------|
| Tgt Ion: 69 | Resp: 2979  |
| Ion Ratio   | Lower Upper |
| 69 100      |             |
| 41 149.5    | 47.8 71.6#  |
| 39 84.0     | 27.3 40.9#  |





#57

1,3-Dichloropropane

Concen: 0.619 ug/l

RT: 11.027 min Scan# 1

Delta R.T. 0.047 min

Lab File: VN073318.D

Acq: 05 Jul 2022 16:23

Instrument :

MSVOA\_N

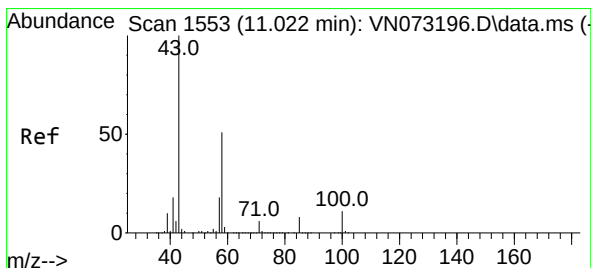
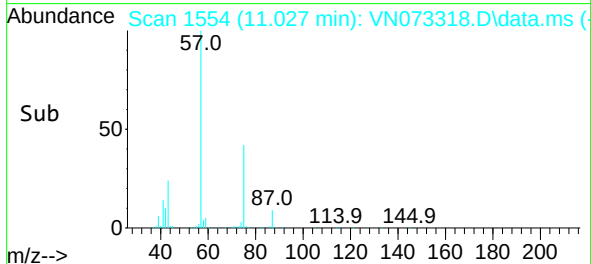
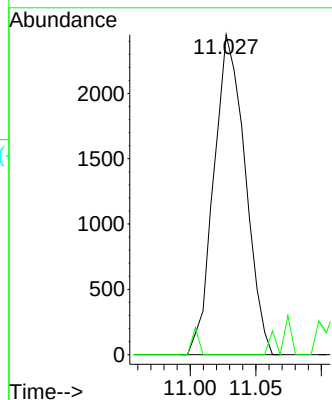
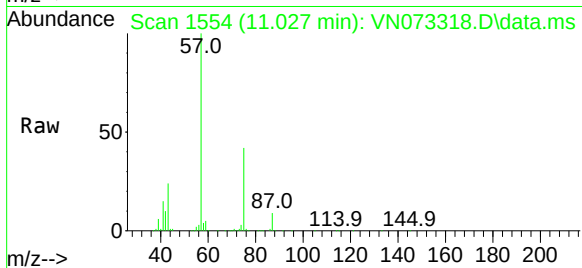
ClientSampleId :

Tgt Ion: 76 Resp: 4068

Ion Ratio Lower Upper

76 100

78 0.0 26.2 39.2#



#59

2-Hexanone

Concen: 31.539 ug/l

RT: 10.998 min Scan# 1549

Delta R.T. -0.024 min

Lab File: VN073318.D

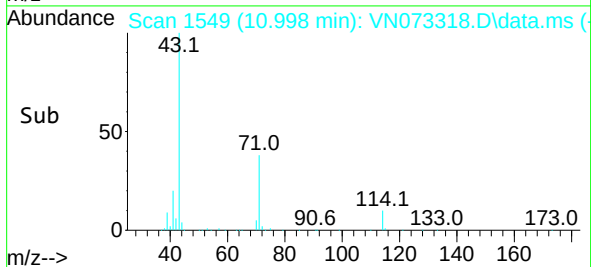
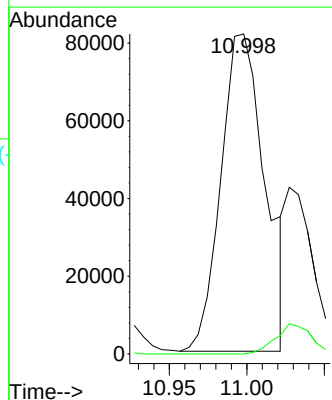
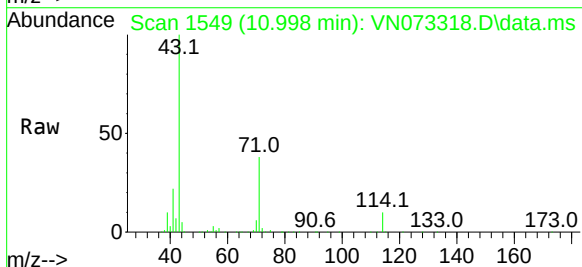
Acq: 05 Jul 2022 16:23

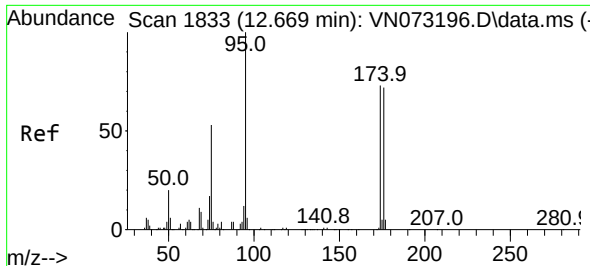
Tgt Ion: 43 Resp: 161678

Ion Ratio Lower Upper

43 100

58 0.0 29.7 89.1#

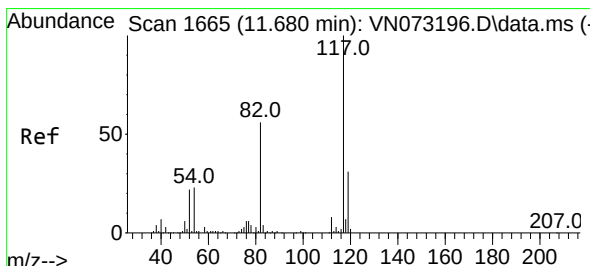
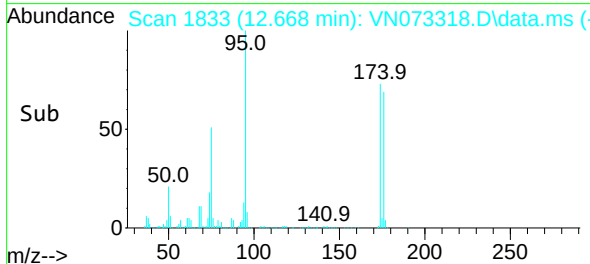
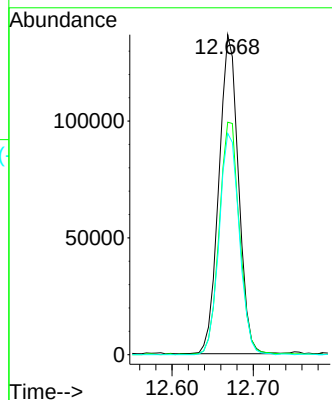
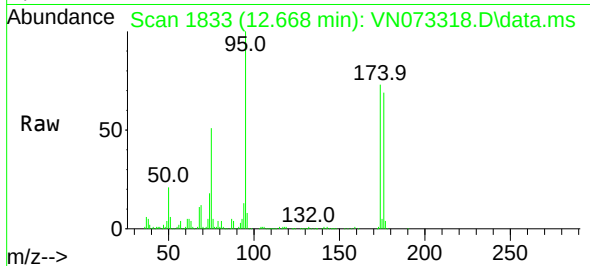




#62  
4-Bromofluorobenzene  
Concen: 52.885 ug/l  
RT: 12.668 min Scan# 1833  
Delta R.T. -0.001 min  
Lab File: VN073318.D  
Acq: 05 Jul 2022 16:23

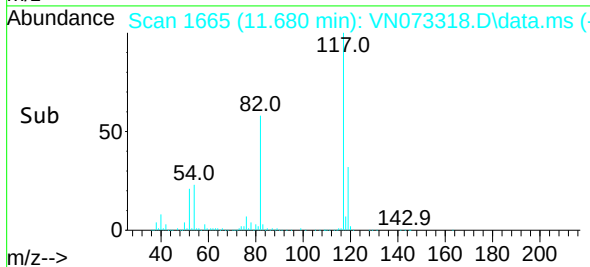
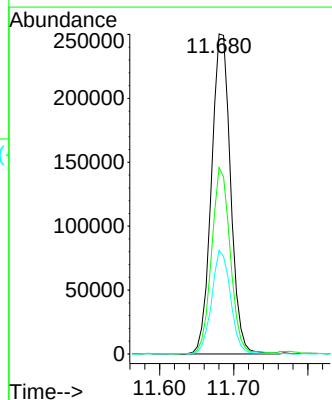
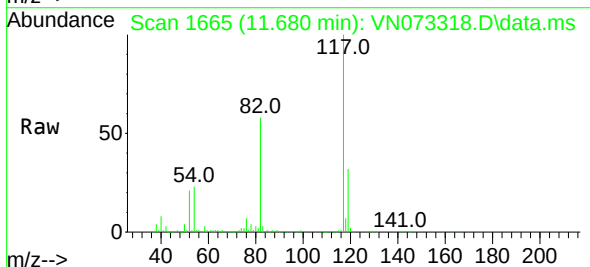
Instrument :  
MSVOA\_N  
ClientSampleId :

Tgt Ion: 95 Resp: 229096  
Ion Ratio Lower Upper  
95 100  
174 75.8 0.0 167.6  
176 71.5 0.0 163.4

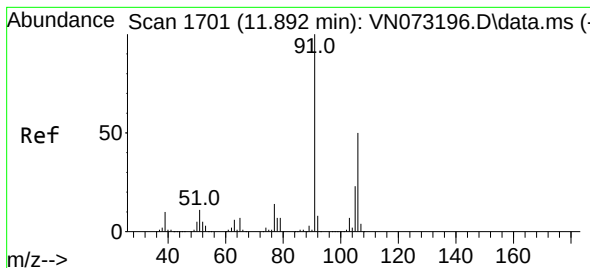


#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.680 min Scan# 1665  
Delta R.T. 0.000 min  
Lab File: VN073318.D  
Acq: 05 Jul 2022 16:23

Tgt Ion: 117 Resp: 449222  
Ion Ratio Lower Upper  
117 100  
82 58.2 44.2 66.2  
119 32.3 25.4 38.0







#68

m/p-Xylenes

Concen: 0.211 ug/l

RT: 11.886 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN073318.D

Acq: 05 Jul 2022 16:23

Instrument :

MSVOA\_N

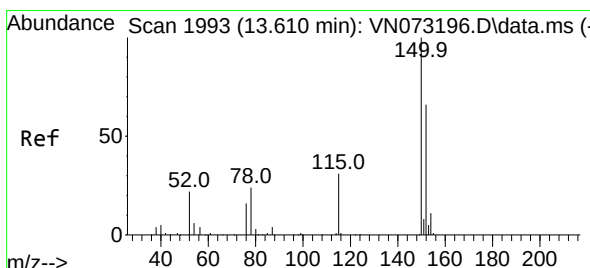
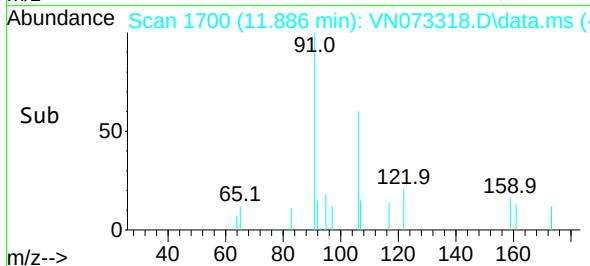
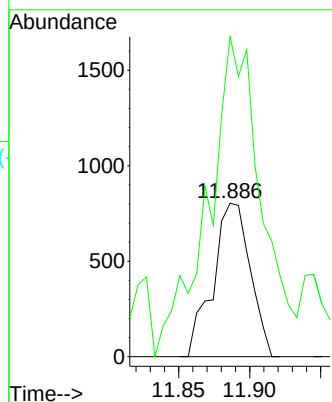
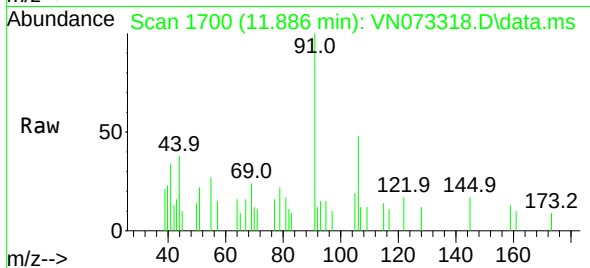
ClientSampleId :

Tgt Ion:106 Resp: 1470

Ion Ratio Lower Upper

106 100

91 297.4 158.9 238.3#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.610 min Scan# 1993

Delta R.T. -0.000 min

Lab File: VN073318.D

Acq: 05 Jul 2022 16:23

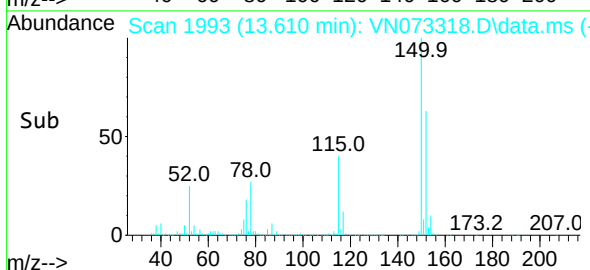
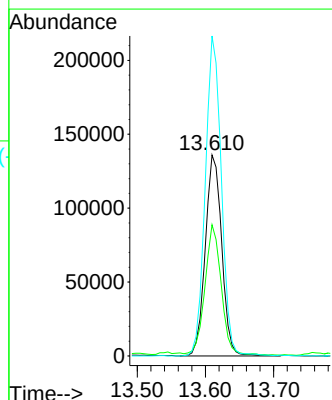
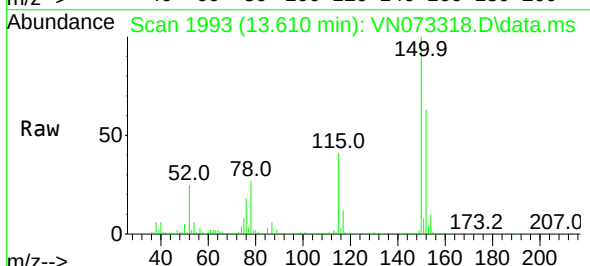
Tgt Ion:152 Resp: 228985

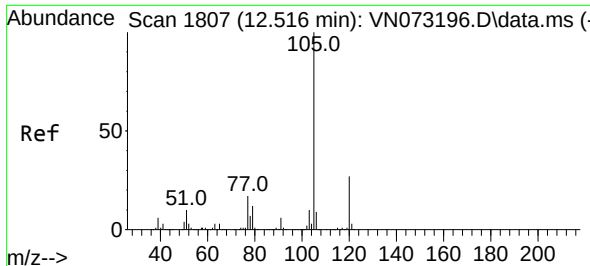
Ion Ratio Lower Upper

152 100

115 63.8 28.9 86.7

150 155.2 0.0 356.2

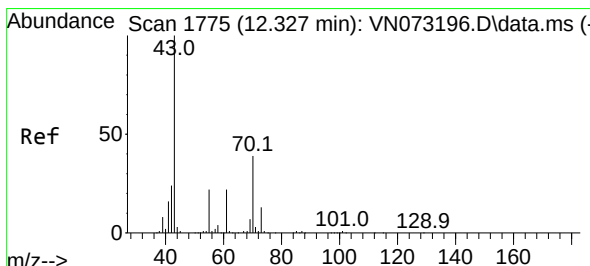
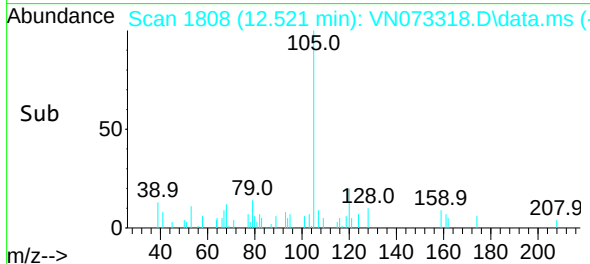
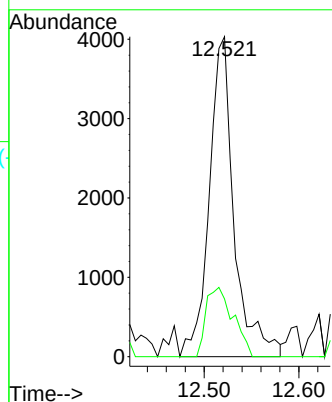
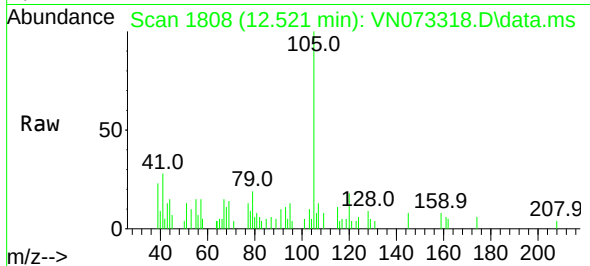




#73  
Isopropylbenzene  
Concen: 0.370 ug/l  
RT: 12.521 min Scan# 11  
Delta R.T. 0.005 min  
Lab File: VN073318.D  
Acq: 05 Jul 2022 16:23

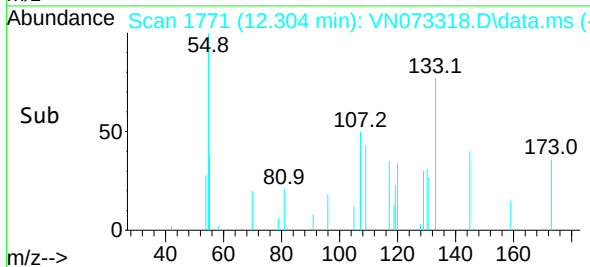
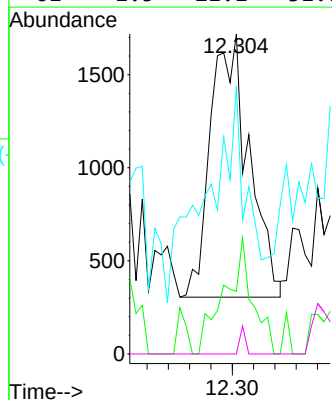
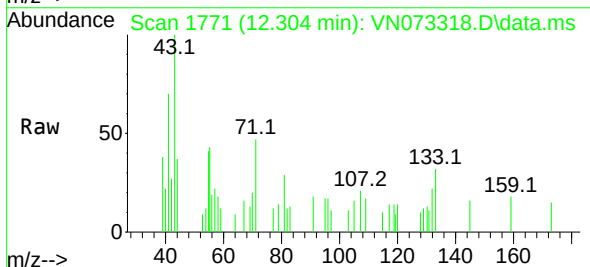
Instrument :  
MSVOA\_N  
ClientSampleId :

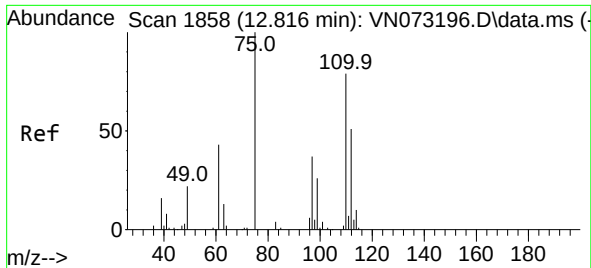
Tgt Ion:105 Resp: 7321  
Ion Ratio Lower Upper  
105 100  
120 23.7 13.5 40.4



#74  
N-ethyl acetate  
Concen: 0.357 ug/l  
RT: 12.304 min Scan# 1771  
Delta R.T. -0.023 min  
Lab File: VN073318.D  
Acq: 05 Jul 2022 16:23

Tgt Ion: 43 Resp: 3539  
Ion Ratio Lower Upper  
43 100  
70 32.1 39.0 58.4#  
55 84.5 21.1 31.7#  
61 1.5 21.1 31.7#

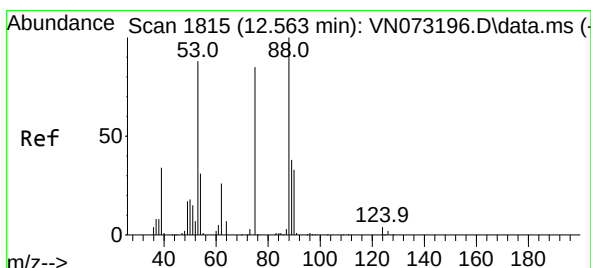
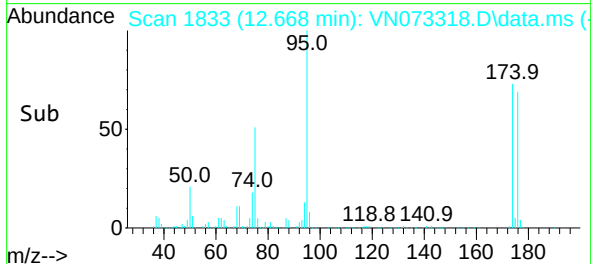
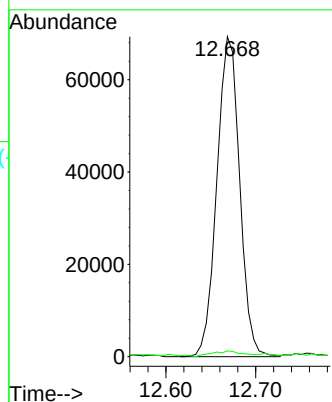
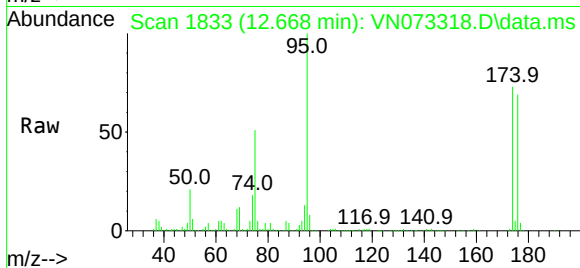




#76  
1,2,3-Trichloropropane  
Concen: 20.414 ug/l  
RT: 12.668 min Scan# 1833  
Delta R.T. -0.148 min  
Lab File: VN073318.D  
Acq: 05 Jul 2022 16:23

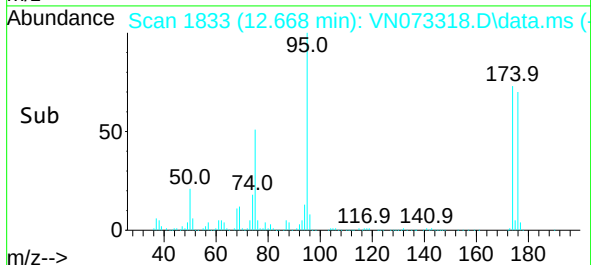
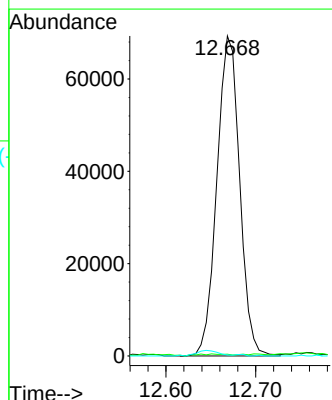
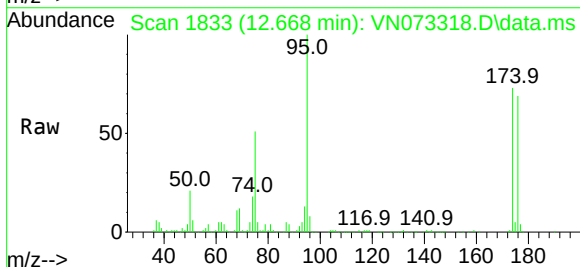
Instrument :  
MSVOA\_N  
ClientSampleId :

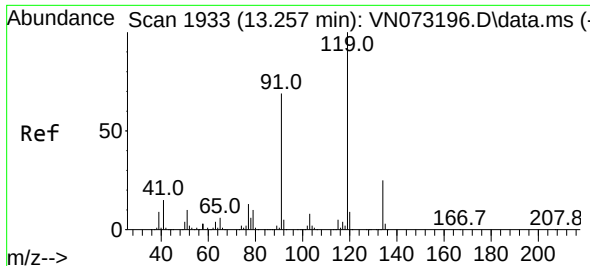
Tgt Ion: 75 Resp: 122226  
Ion Ratio Lower Upper  
75 100  
77 2.5 98.5 295.5#



#81  
trans-1,4-Dichloro-2-butene  
Concen: 55.983 ug/l  
RT: 12.668 min Scan# 1833  
Delta R.T. 0.105 min  
Lab File: VN073318.D  
Acq: 05 Jul 2022 16:23

Tgt Ion: 75 Resp: 122226  
Ion Ratio Lower Upper  
75 100  
53 0.0 78.0 117.0#  
89 0.0 37.2 55.8#

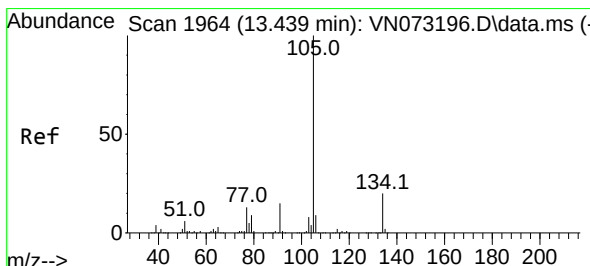
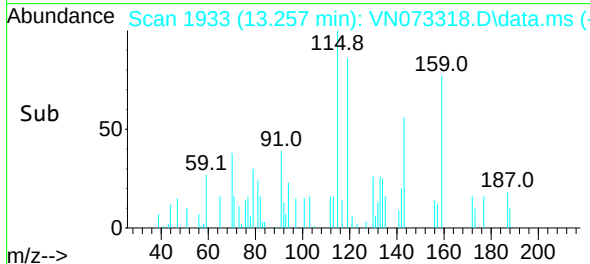
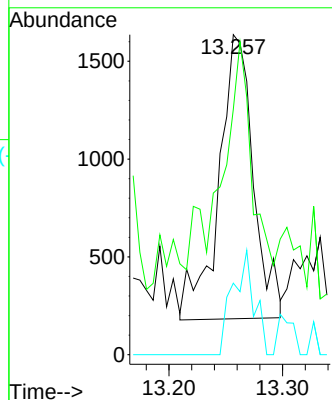
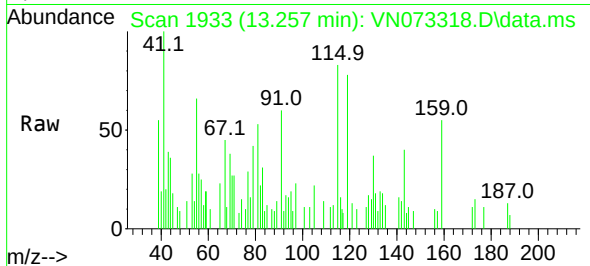




#83  
tert-Butylbenzene  
Concen: 0.213 ug/l  
RT: 13.257 min Scan# 1933  
Delta R.T. -0.000 min  
Lab File: VN073318.D  
Acq: 05 Jul 2022 16:23

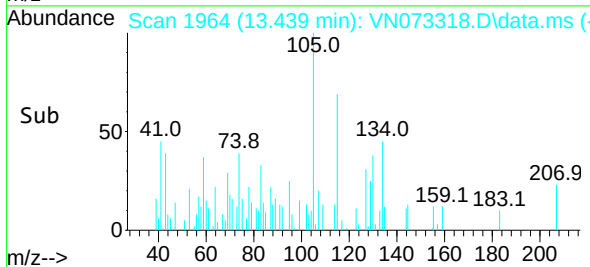
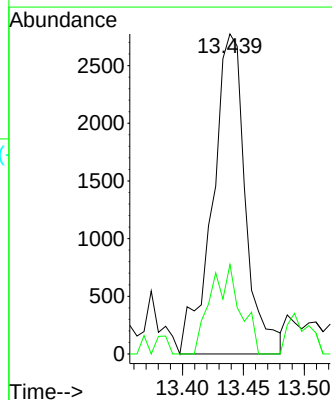
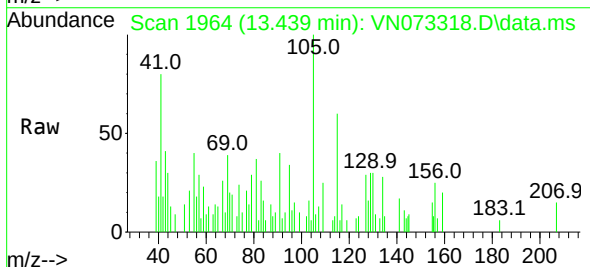
Instrument :  
MSVOA\_N  
ClientSampleId :

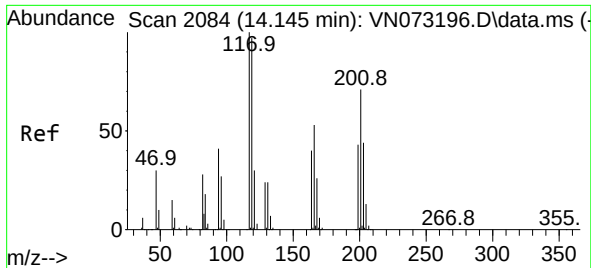
Tgt Ion:119 Resp: 3074  
Ion Ratio Lower Upper  
119 100  
91 56.2 31.6 94.8  
134 22.8 13.7 41.1



#85  
sec-Butylbenzene  
Concen: 0.268 ug/l  
RT: 13.439 min Scan# 1964  
Delta R.T. -0.000 min  
Lab File: VN073318.D  
Acq: 05 Jul 2022 16:23

Tgt Ion:105 Resp: 5206  
Ion Ratio Lower Upper  
105 100  
134 25.2 10.4 31.1

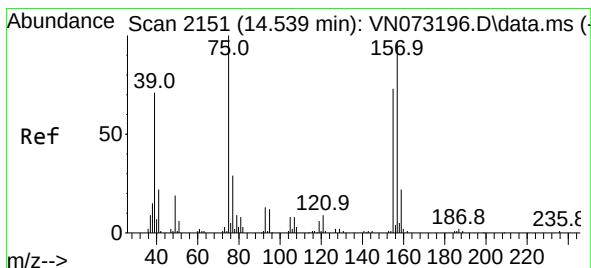
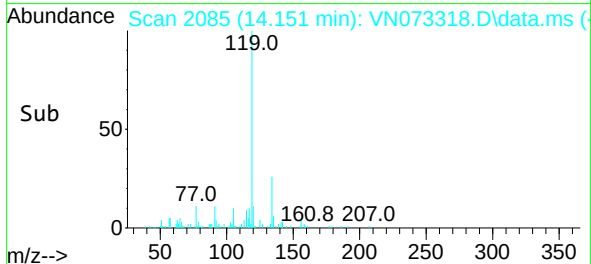
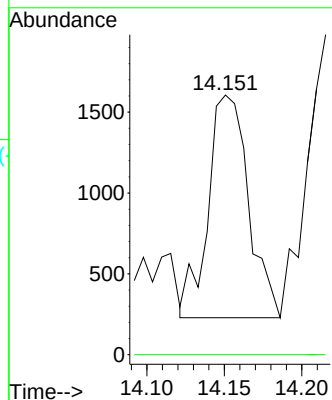
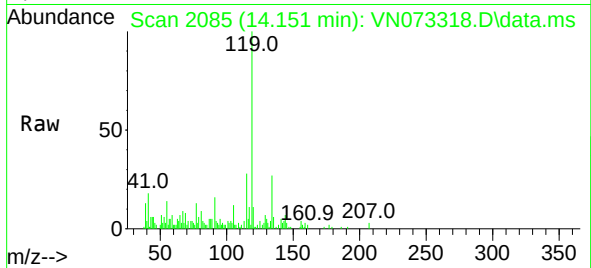




#90  
Hexachloroethane  
Concen: 0.853 ug/l  
RT: 14.151 min Scan# 2085  
Delta R.T. 0.006 min  
Lab File: VN073318.D  
Acq: 05 Jul 2022 16:23

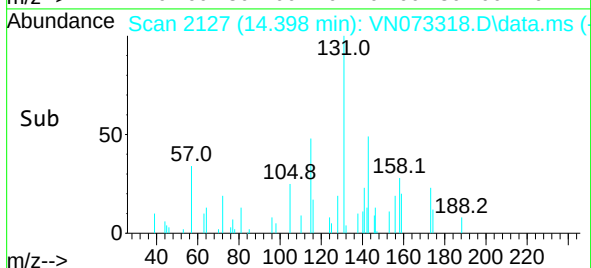
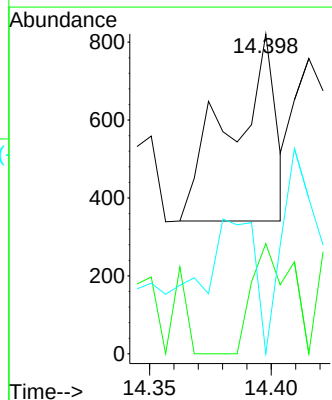
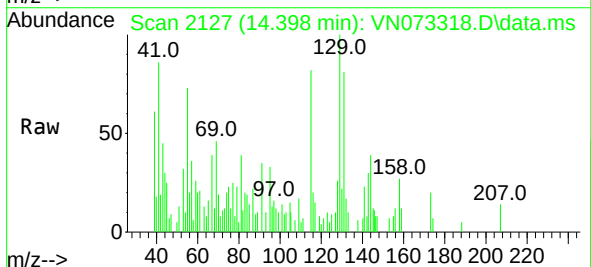
Instrument :  
MSVOA\_N  
ClientSampleId :

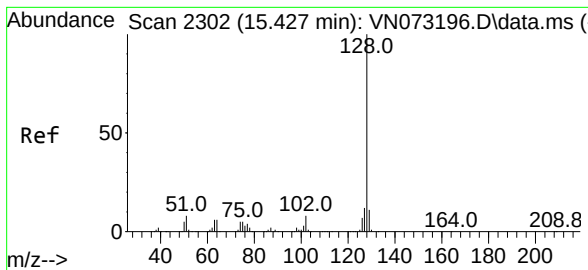
Tgt Ion:117 Resp: 2492  
Ion Ratio Lower Upper  
117 100  
201 0.0 40.6 122.0#



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 0.387 ug/l  
RT: 14.398 min Scan# 2127  
Delta R.T. -0.141 min  
Lab File: VN073318.D  
Acq: 05 Jul 2022 16:23

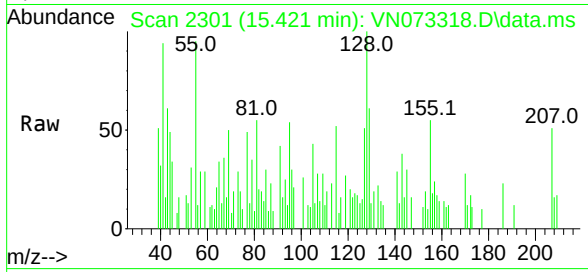
Tgt Ion: 75 Resp: 618  
Ion Ratio Lower Upper  
75 100  
155 50.3 44.9 134.5  
157 84.6 59.0 176.8





#95  
 Naphthalene  
 Concen: 0.254 ug/l  
 RT: 15.421 min Scan# 21  
 Delta R.T. -0.006 min  
 Lab File: VN073318.D  
 Acq: 05 Jul 2022 16:23

Instrument :  
 MSVOA\_N  
 ClientSampleId :



|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 128   | Resp: | 4487  |
| Ion Ratio | Lower | Upper |       |
| 128       | 100   |       |       |
| 127       | 7.1   | 10.3  | 15.5# |
| 129       | 10.4  | 8.6   | 13.0  |

