

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN102221\  
 Data File : VN069143.D  
 Acq On : 22 Oct 2021 18:58  
 Operator : JC/MD  
 Sample : M4301-03  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 19 Sample Multiplier: 1

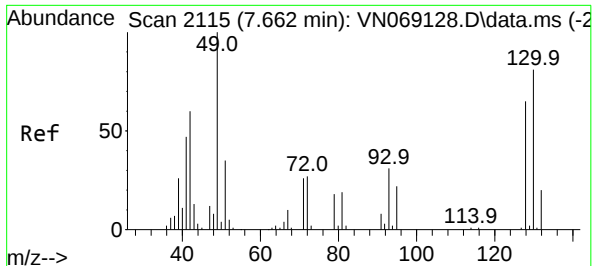
Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Oct 23 07:56:41 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\624N102221W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Fri Oct 22 13:15:19 2021  
 Response via : Initial Calibration

| Compound                    | R.T.           | QIon | Response            | Conc     | Units  | Dev(Min) |
|-----------------------------|----------------|------|---------------------|----------|--------|----------|
| -----                       |                |      |                     |          |        |          |
| Internal Standards          |                |      |                     |          |        |          |
| 1) Bromochloromethane       | 7.659          | 128  | 51391               | 30.000   | ug/l   | 0.00     |
| 28) 1,4-Difluorobenzene     | 8.968          | 114  | 300037              | 30.000   | ug/l   | 0.00     |
| 57) Chlorobenzene-d5        | 11.747         | 117  | 267542              | 30.000   | ug/l   | 0.00     |
|                             |                |      |                     |          |        |          |
| System Monitoring Compounds |                |      |                     |          |        |          |
| 27) 1,2-Dichloroethane-d4   | 8.440          | 65   | 125465              | 31.344   | ug/l   | 0.00     |
| Spiked Amount 30.000        | Range 91 - 110 |      | Recovery = 104.467% |          |        |          |
| 60) 4-Bromofluorobenzene    | 12.734         | 95   | 126051              | 27.477   | ug/l   | 0.00     |
| Spiked Amount 30.000        | Range 63 - 112 |      | Recovery = 91.600%  |          |        |          |
| 63) Toluene-d8              | 10.443         | 98   | 363481              | 30.070   | ug/l   | 0.00     |
| Spiked Amount 30.000        | Range 91 - 112 |      | Recovery = 100.233% |          |        |          |
|                             |                |      |                     |          |        |          |
| Target Compounds            |                |      |                     |          |        |          |
|                             |                |      |                     |          | Qvalue |          |
| 8) Diethyl Ether            | 3.827          | 74   | 984                 | 0.510    | ug/l   | 86       |
| 13) Acrolein                | 4.039          | 56   | 90                  | 0.271    | ug/l # | 77       |
| 14) Acrylonitrile           | 5.361          | 53   | 16800               | 10.756   | ug/l # | 15       |
| 15) Acetone                 | 4.285          | 58   | 82109               | 168.167  | ug/l   | 98       |
| 16) Carbon Disulfide        | 4.545          | 76   | 3954                | 0.509    | ug/l # | 73       |
| 17) Allyl chloride          | 4.795          | 41   | 7823                | 1.572    | ug/l # | 34       |
| 23) tert-Butyl Alcohol      | 5.364          | 59   | 2095331             | 3269.606 | ug/l # | 100      |
| 24) Methyl tert-Butyl Ether | 5.613          | 73   | 4497                | 0.410    | ug/l # | 56       |
| 30) 2-Butanone              | 7.332          | 43   | 551455              | 243.227  | ug/l   | 94       |
| 31) 2,2-Dichloropropane     | 7.311          | 77   | 125643              | 22.211   | ug/l # | 53       |
| 34) Benzene                 | 8.461          | 78   | 16654               | 1.181    | ug/l # | 16       |
| 35) Methacrylonitrile       | 7.686          | 41   | 216690              | 95.899   | ug/l # | 45       |
| 43) Ethyl Acetate           | 7.332          | 43   | 551455              | 124.687  | ug/l # | 1        |
| 44) Isopropyl Acetate       | 8.534          | 43   | 12772               | 1.560    | ug/l # | 63       |
| 45) 1,4-Dioxane             | 9.574          | 88   | 5701                | 86.984   | ug/l # | 81       |
| 47) n-amyl Acetate          | 12.353         | 43   | 6827                | 0.982    | ug/l # | 60       |
| 58) 4-Methyl-2-Pentanone    | 10.331         | 43   | 15674               | 3.473    | ug/l # | 84       |
| 59) 2-Hexanone              | 11.060         | 43   | 59120               | 17.345   | ug/l # | 34       |
| 62) Toluene                 | 10.508         | 91   | 8921                | 0.572    | ug/l # | 68       |
| 64) Chlorobenzene           | 11.773         | 112  | 3619                | 0.383    | ug/l   | 95       |
| 66) Ethyl Benzene           | 11.846         | 91   | 25899               | 1.478    | ug/l   | 95       |
| 67) m/p-Xylenes             | 11.953         | 106  | 10426               | 1.582    | ug/l   | 93       |
| 68) o-Xylene                | 12.280         | 106  | 7405                | 1.122    | ug/l   | 95       |
| 70) Isopropylbenzene        | 12.581         | 105  | 4733                | 0.274    | ug/l   | 89       |
| 77) t-1,4-Dichloro-2-butene | 12.559         | 75   | 894                 | 0.525    | ug/l # | 8        |
| 79) tert-butylbenzene       | 13.619         | 119  | 3873                | 0.306    | ug/l   | 64       |
| 80) 1,2,4-Trimethylbenzene  | 13.369         | 105  | 8109                | 0.573    | ug/l # | 80       |
| 82) p-Isopropyltoluene      | 13.619         | 119  | 3873                | 0.268    | ug/l   | 94       |
| 84) 1,4-Dichlorobenzene     | 13.699         | 146  | 6471                | 0.963    | ug/l   | 97       |
| 89) 1,2,4-Trichlorobenzene  | 15.268         | 180  | 755                 | 0.227    | ug/l   | 98       |
| 91) Naphthalene             | 15.507         | 128  | 105307              | 10.949   | ug/l   | 99       |
| 92) 1,2,3-Trichlorobenzene  | 15.268         | 180  | 755                 | 0.238    | ug/l   | 96       |
| -----                       |                |      |                     |          |        |          |

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

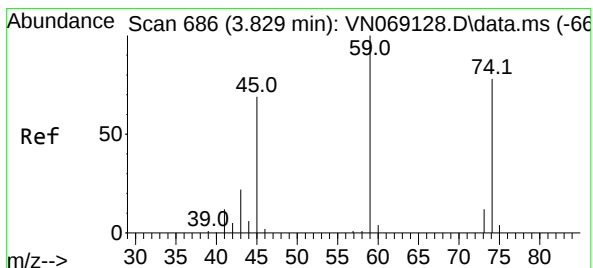
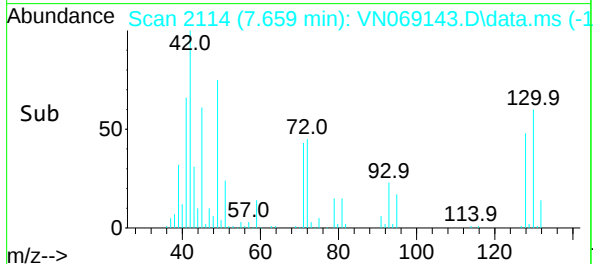
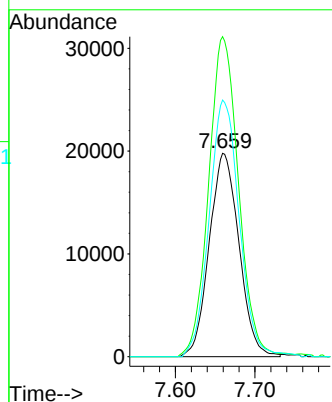
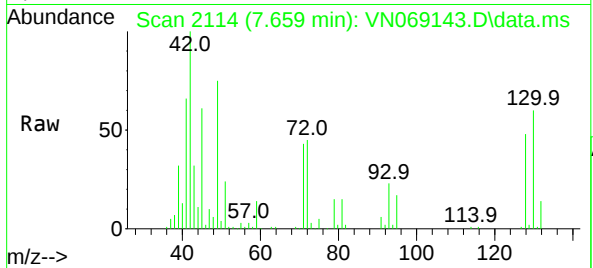




#1  
Bromochloromethane  
Concen: 30.000 ug/l  
RT: 7.659 min Scan# 2114  
Delta R.T. -0.003 min  
Lab File: VN069143.D  
Acq: 22 Oct 2021 18:58

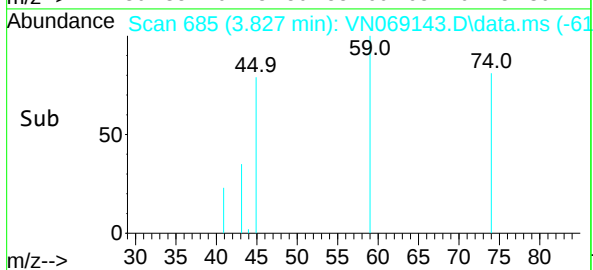
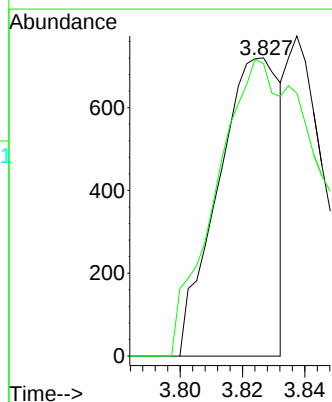
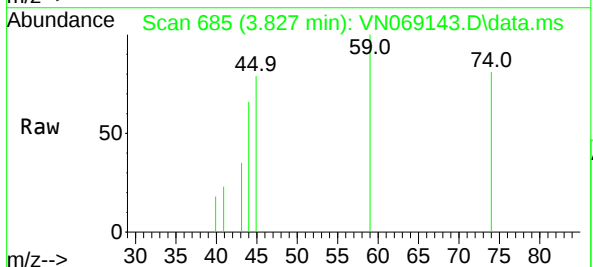
Instrument :  
MSVOA\_N  
ClientSampleId :

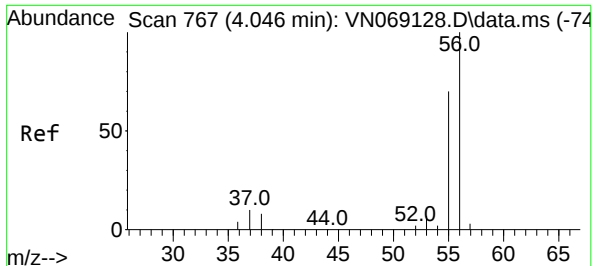
Tgt Ion:128 Resp: 51391  
Ion Ratio Lower Upper  
128 100  
49 157.6 0.0 392.3  
130 127.1 0.0 320.2



#8  
Diethyl Ether  
Concen: 0.510 ug/l  
RT: 3.827 min Scan# 685  
Delta R.T. -0.002 min  
Lab File: VN069143.D  
Acq: 22 Oct 2021 18:58

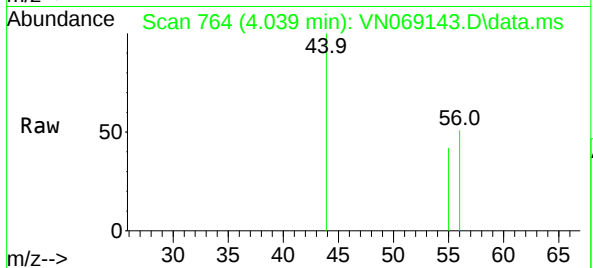
Tgt Ion: 74 Resp: 984  
Ion Ratio Lower Upper  
74 100  
45 101.4 17.6 158.8



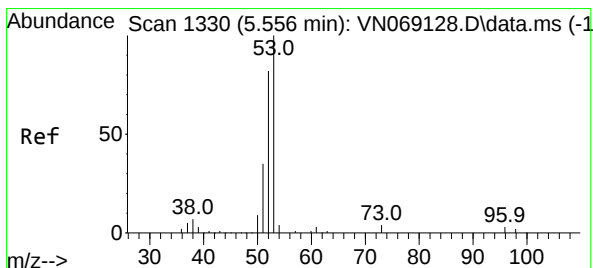
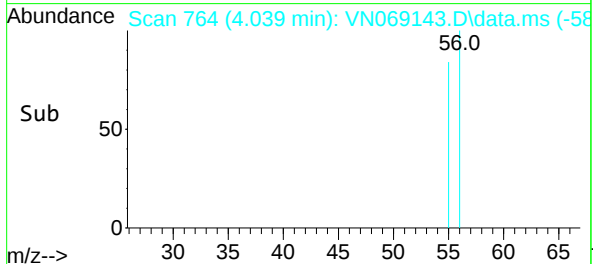
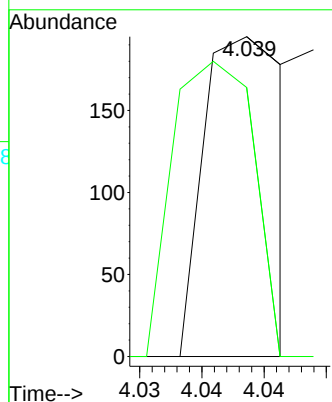


#13  
Acrolein  
Concen: 0.271 ug/l  
RT: 4.039 min Scan# 767  
Delta R.T. -0.008 min  
Lab File: VN069143.D  
Acq: 22 Oct 2021 18:58

Instrument :  
MSVOA\_N  
ClientSampleId :

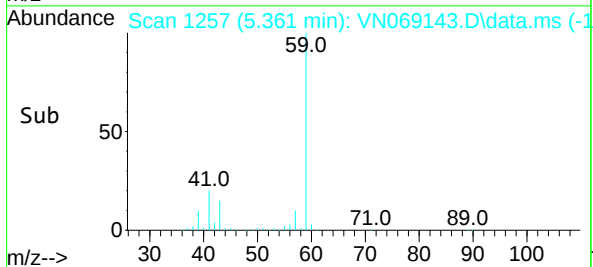
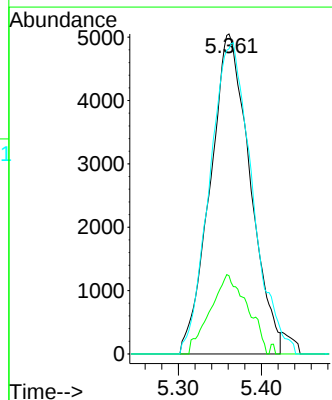
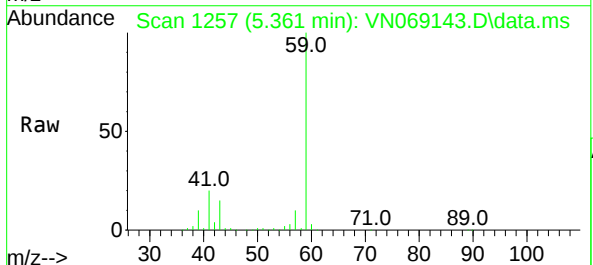


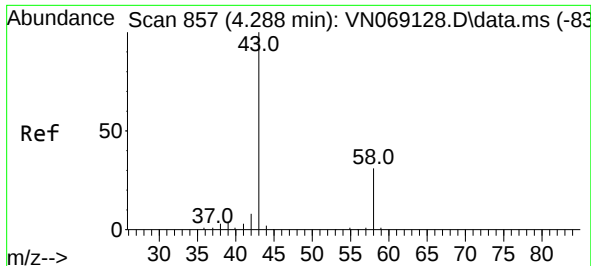
Tgt Ion: 56 Resp: 90  
Ion Ratio Lower Upper  
56 100  
55 91.1 57.6 86.4#



#14  
Acrylonitrile  
Concen: 10.756 ug/l  
RT: 5.361 min Scan# 1257  
Delta R.T. -0.196 min  
Lab File: VN069143.D  
Acq: 22 Oct 2021 18:58

Tgt Ion: 53 Resp: 16800  
Ion Ratio Lower Upper  
53 100  
52 16.9 41.8 125.4#  
51 103.6 19.0 57.0#

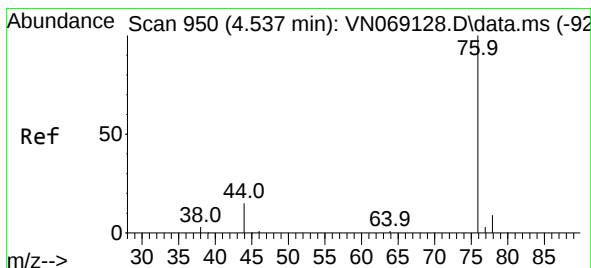
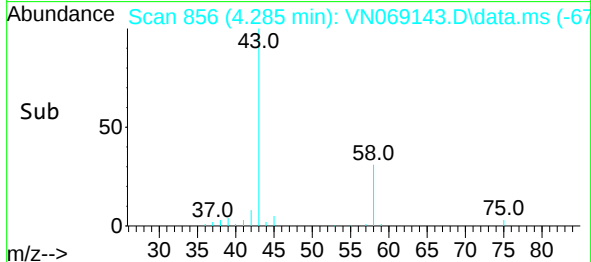
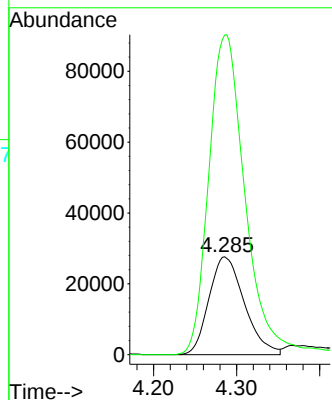
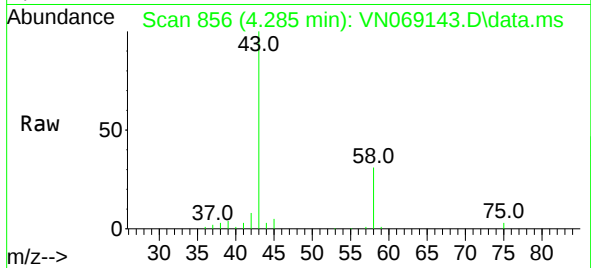




#15  
Acetone  
Concen: 168.167 ug/l  
RT: 4.285 min Scan# 81  
Delta R.T. -0.002 min  
Lab File: VN069143.D  
Acq: 22 Oct 2021 18:58

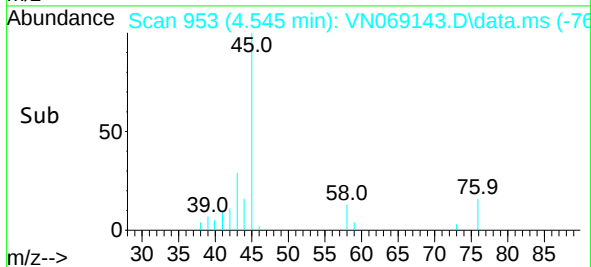
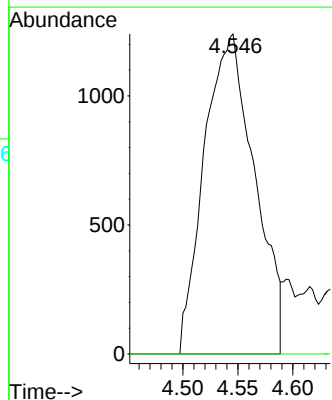
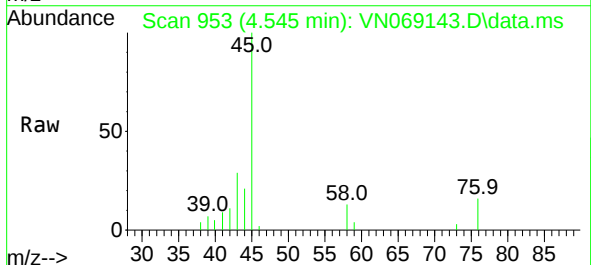
Instrument :  
MSVOA\_N  
ClientSampleId :

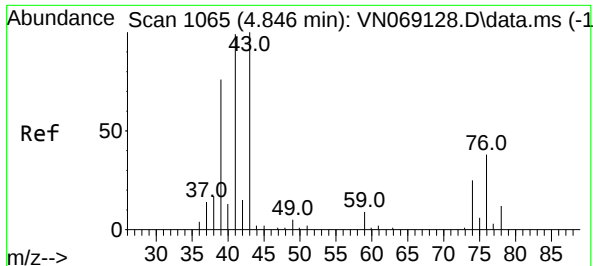
Tgt Ion: 58 Resp: 82109  
Ion Ratio Lower Upper  
58 100  
43 325.4 256.6 384.8



#16  
Carbon Disulfide  
Concen: 0.509 ug/l  
RT: 4.545 min Scan# 953  
Delta R.T. 0.008 min  
Lab File: VN069143.D  
Acq: 22 Oct 2021 18:58

Tgt Ion: 76 Resp: 3954  
Ion Ratio Lower Upper  
76 100  
78 0.0 7.8 11.8#





#17

Allyl chloride

Concen: 1.572 ug/l

RT: 4.795 min Scan# 1065

Delta R.T. -0.051 min

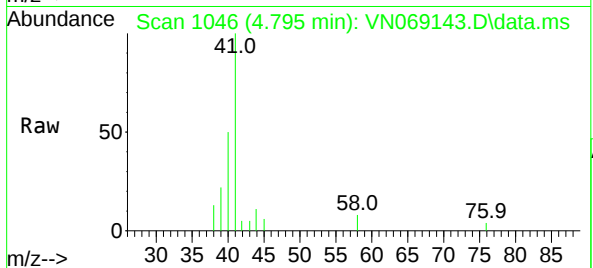
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Acq: 22 Oct 2021 18:58

Instrument :

MSVOA\_N

ClientSampleId :



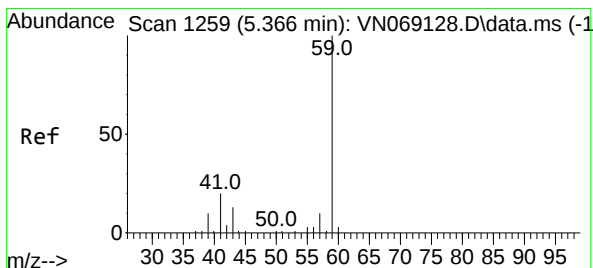
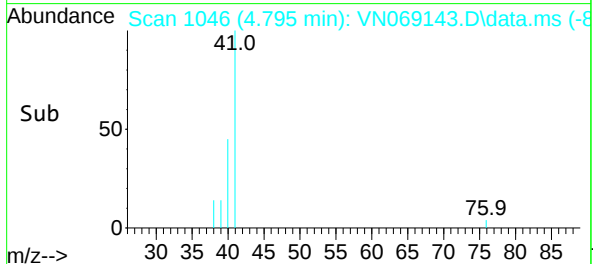
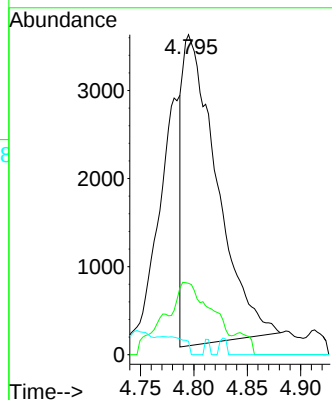
Tgt Ion: 41 Resp: 7823

Ion Ratio Lower Upper

41 100

39 23.9 44.6 134.0#

76 4.5 19.6 58.7#



#23

tert-Butyl Alcohol

Concen: 3269.606 ug/l

RT: 5.364 min Scan# 1258

Delta R.T. -0.002 min

Lab File: VN069143.D

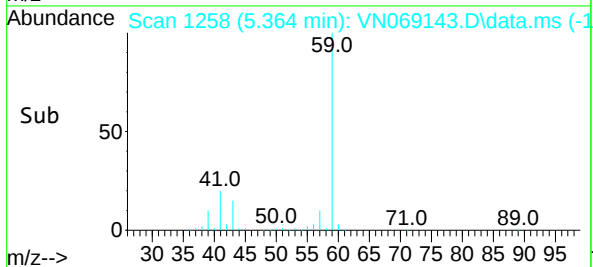
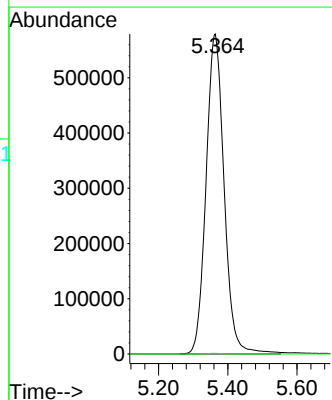
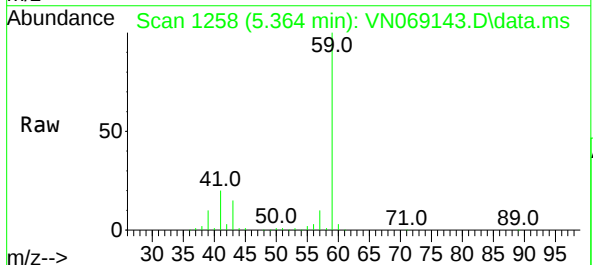
Acq: 22 Oct 2021 18:58

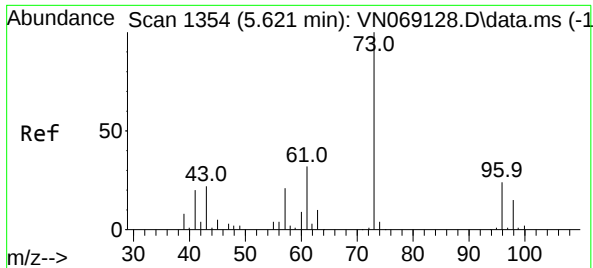
Tgt Ion: 59 Resp: 2095331

Ion Ratio Lower Upper

59 100

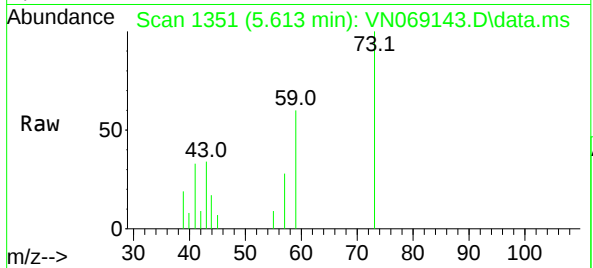
52 0.1 0.0 0.0#



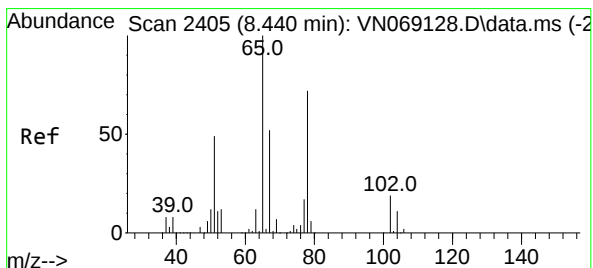
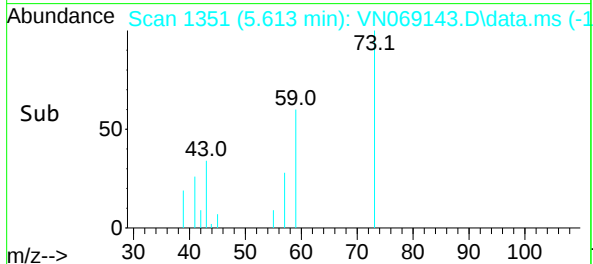
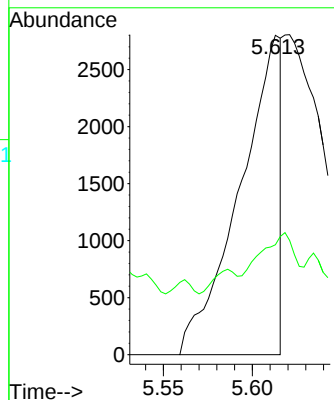


#24  
Methyl tert-Butyl Ether  
Concen: 0.410 ug/l  
RT: 5.613 min Scan# 11  
Delta R.T. -0.008 min  
Lab File: VN069143.D  
Acq: 22 Oct 2021 18:58

Instrument :  
MSVOA\_N  
ClientSampleId :

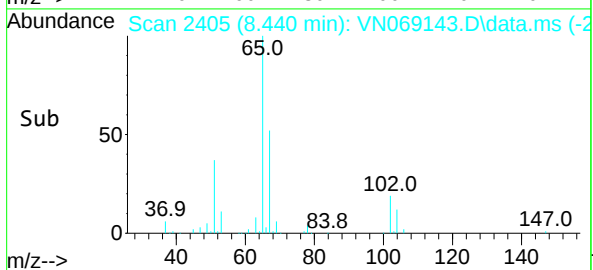
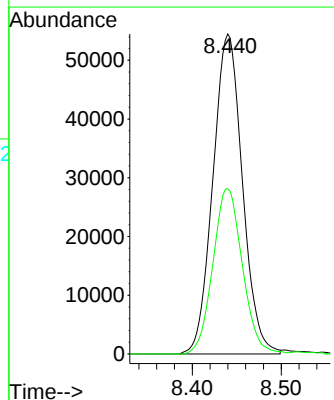
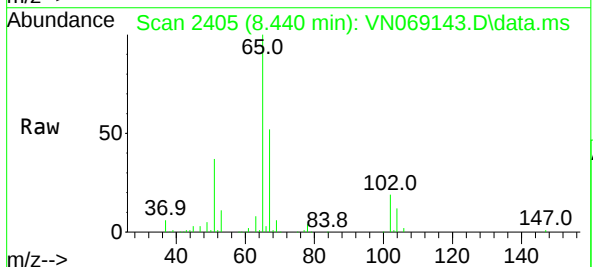


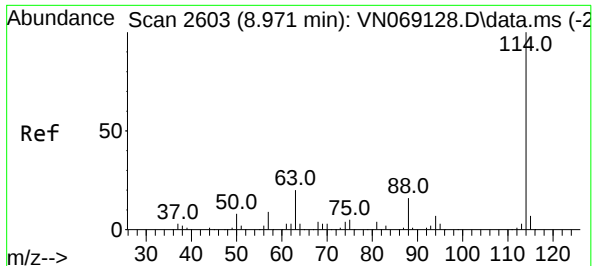
Tgt Ion: 73 Resp: 4497  
Ion Ratio Lower Upper  
73 100  
43 1.6 18.1 27.1#



#27  
1,2-Dichloroethane-d4  
Concen: 31.344 ug/l  
RT: 8.440 min Scan# 2405  
Delta R.T. 0.000 min  
Lab File: VN069143.D  
Acq: 22 Oct 2021 18:58

Tgt Ion: 65 Resp: 125465  
Ion Ratio Lower Upper  
65 100  
67 51.6 40.2 60.2





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 8.968 min Scan# 2

Delta R.T. -0.002 min

Lab File: VN069143.D

Acq: 22 Oct 2021 18:58

Instrument :

MSVOA\_N

ClientSampleId :

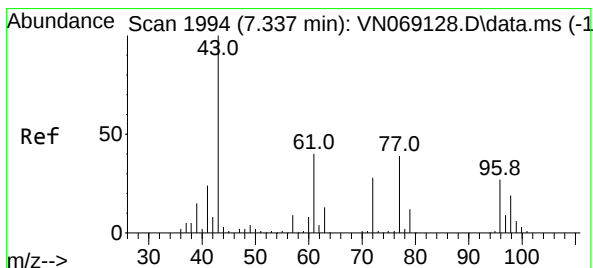
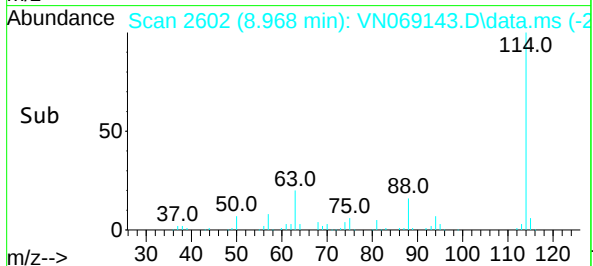
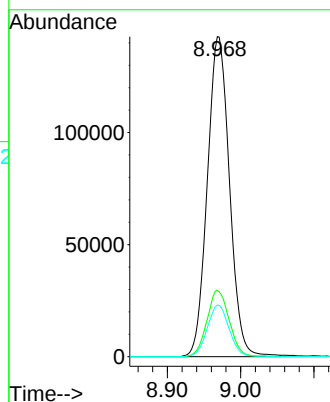
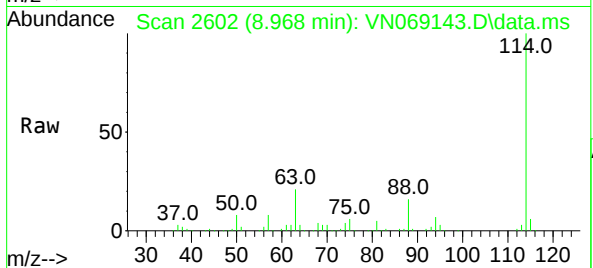
Tgt Ion:114 Resp: 300037

Ion Ratio Lower Upper

114 100

63 20.7 15.8 23.6

88 15.9 11.6 17.4



#30

2-Butanone

Concen: 243.227 ug/l

RT: 7.332 min Scan# 1992

Delta R.T. -0.005 min

Lab File: VN069143.D

Acq: 22 Oct 2021 18:58

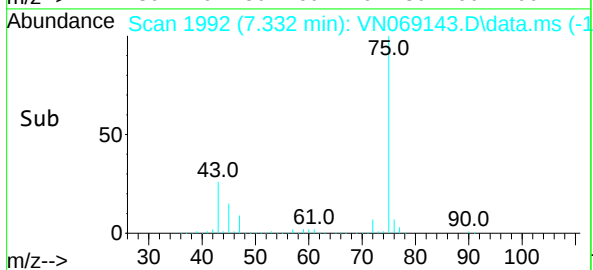
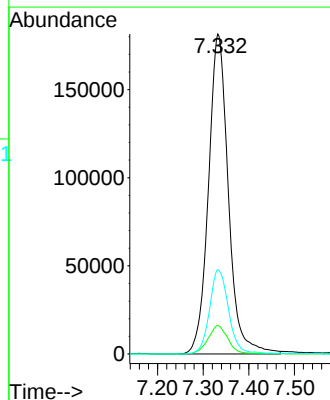
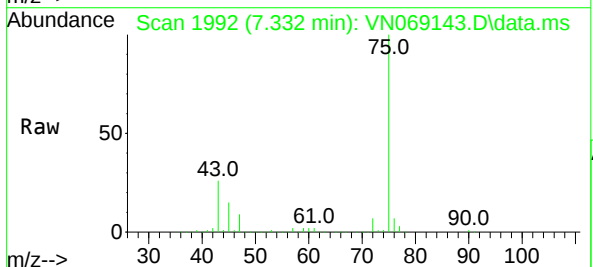
Tgt Ion: 43 Resp: 551455

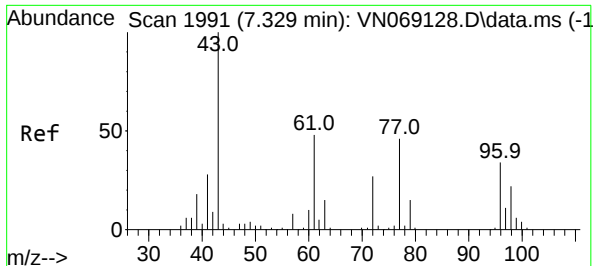
Ion Ratio Lower Upper

43 100

57 8.9 6.7 10.1

72 24.9 23.2 34.8





#31

2,2-Dichloropropane

Concen: 22.211 ug/l

RT: 7.311 min Scan# 1991

Delta R.T. -0.019 min

Lab File: VN069143.D

Acq: 22 Oct 2021 18:58

Instrument :

MSVOA\_N

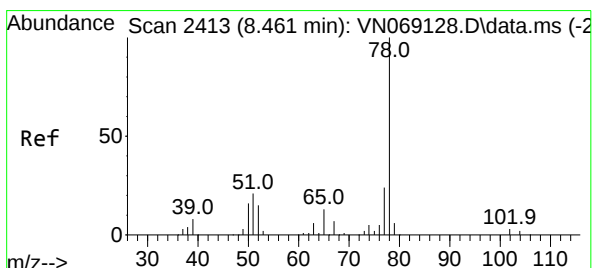
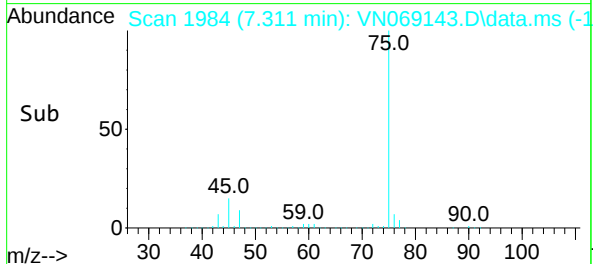
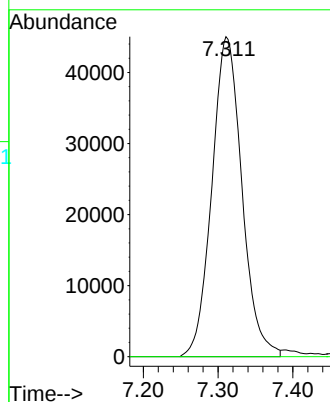
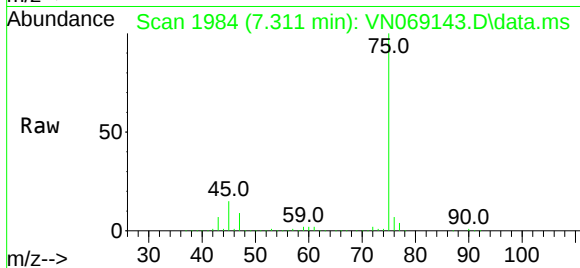
ClientSampleId :

Tgt Ion: 77 Resp: 125643

Ion Ratio Lower Upper

77 100

97 0.0 18.3 27.5#



#34

Benzene

Concen: 1.181 ug/l

RT: 8.461 min Scan# 2413

Delta R.T. 0.000 min

Lab File: VN069143.D

Acq: 22 Oct 2021 18:58

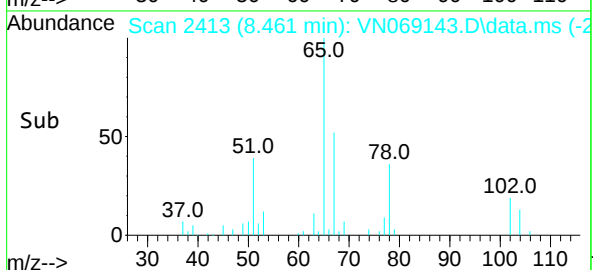
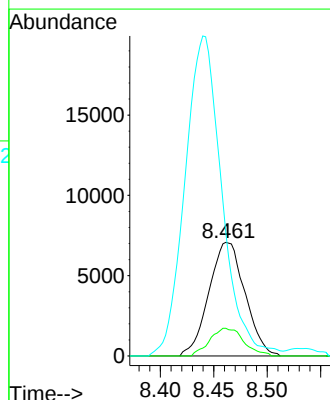
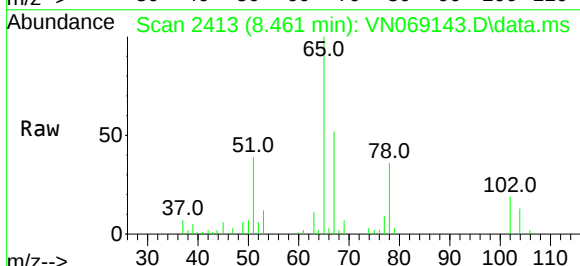
Tgt Ion: 78 Resp: 16654

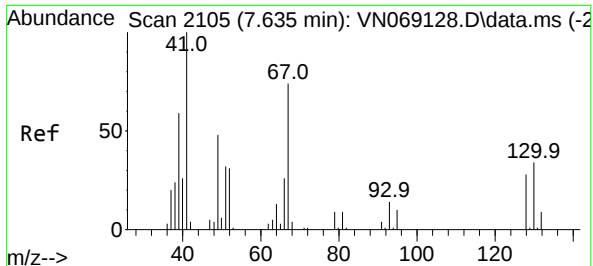
Ion Ratio Lower Upper

78 100

77 24.3 19.1 28.7

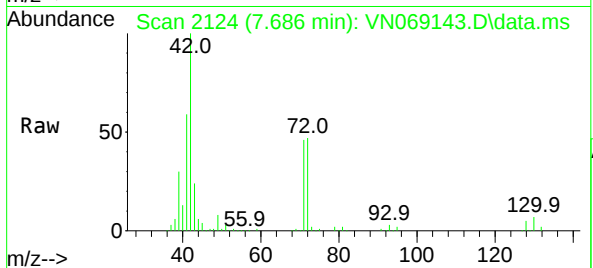
51 104.2 16.0 24.0#



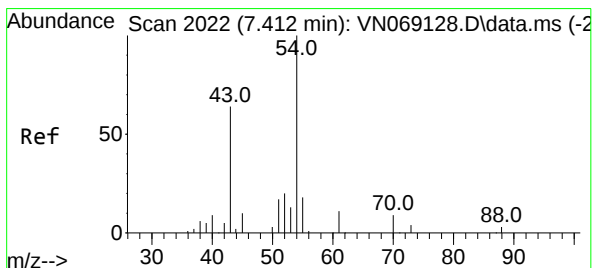
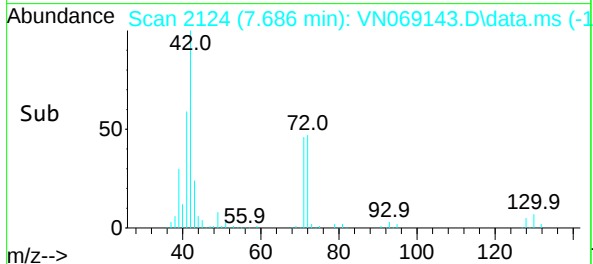
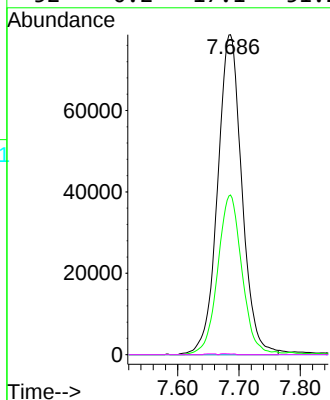


#35  
Methacrylonitrile  
Concen: 95.899 ug/l  
RT: 7.686 min Scan# 2105  
Delta R.T. 0.051 min  
Lab File: VN069143.D  
Acq: 22 Oct 2021 18:58

Instrument :  
MSVOA\_N  
ClientSampleId :

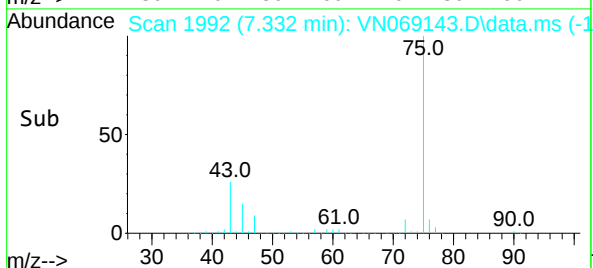
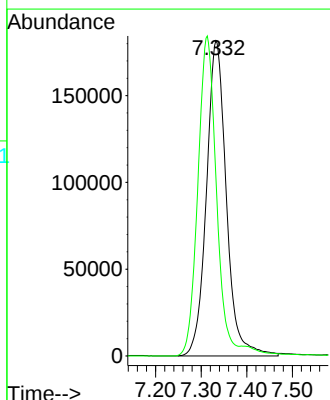
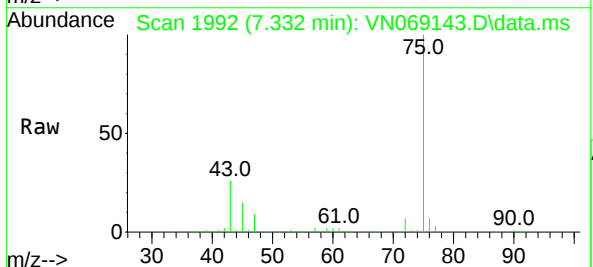


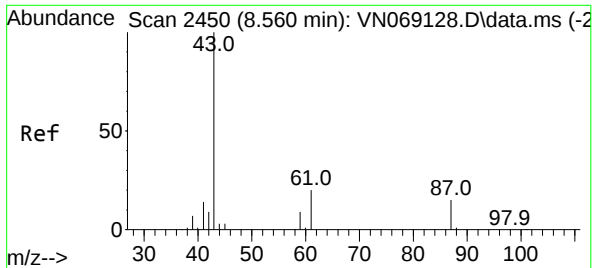
Tgt Ion: 41 Resp: 216690  
Ion Ratio Lower Upper  
41 100  
39 49.9 28.0 83.9  
67 0.0 37.7 113.1#  
52 0.2 17.1 51.2#



#43  
Ethyl Acetate  
Concen: 124.687 ug/l  
RT: 7.332 min Scan# 1992  
Delta R.T. -0.080 min  
Lab File: VN069143.D  
Acq: 22 Oct 2021 18:58

Tgt Ion: 43 Resp: 551455  
Ion Ratio Lower Upper  
43 100  
45 93.4 10.6 16.0#

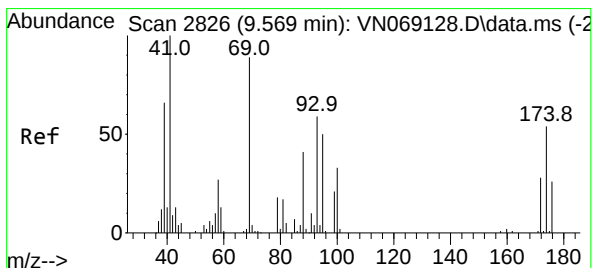
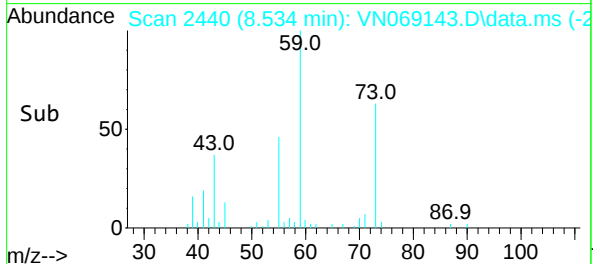
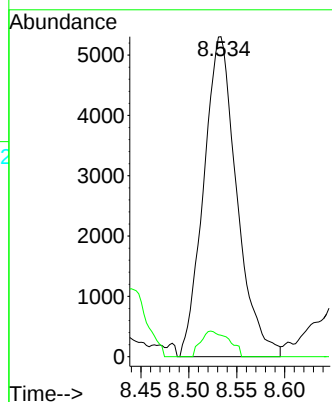
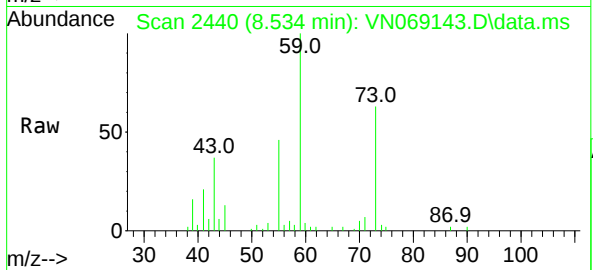




#44  
Isopropyl Acetate  
Concen: 1.560 ug/l  
RT: 8.534 min Scan# 2450  
Delta R.T. -0.027 min  
Lab File: VN069143.D  
Acq: 22 Oct 2021 18:58

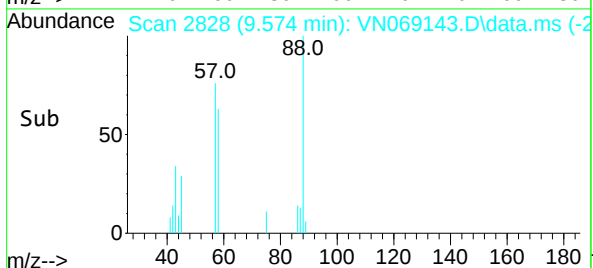
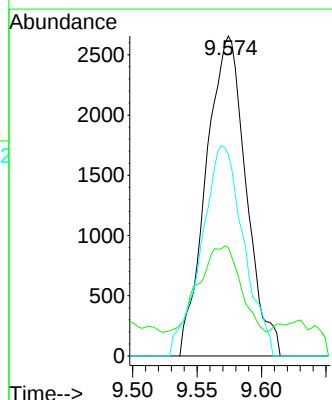
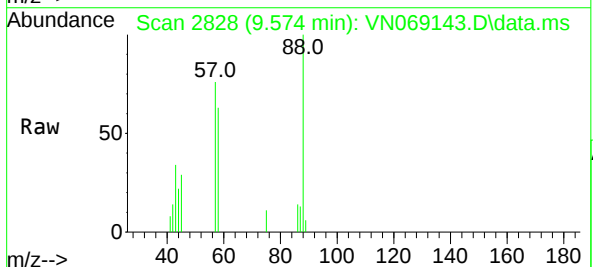
Instrument :  
MSVOA\_N  
ClientSampleId :

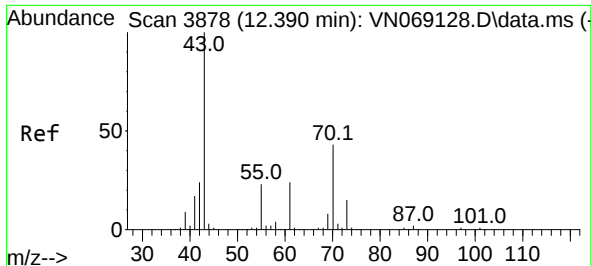
Tgt Ion: 43 Resp: 12772  
Ion Ratio Lower Upper  
43 100  
61 6.3 20.1 30.1#



#45  
1,4-Dioxane  
Concen: 86.984 ug/l  
RT: 9.574 min Scan# 2828  
Delta R.T. 0.006 min  
Lab File: VN069143.D  
Acq: 22 Oct 2021 18:58

Tgt Ion: 88 Resp: 5701  
Ion Ratio Lower Upper  
88 100  
43 11.7 25.0 37.6#  
58 69.7 49.4 74.2

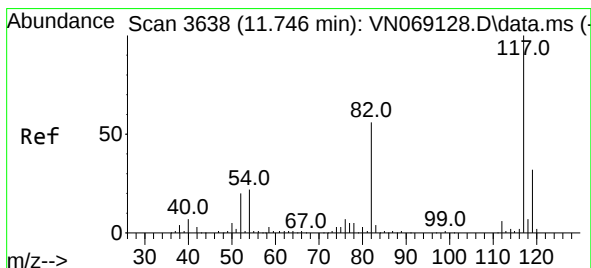
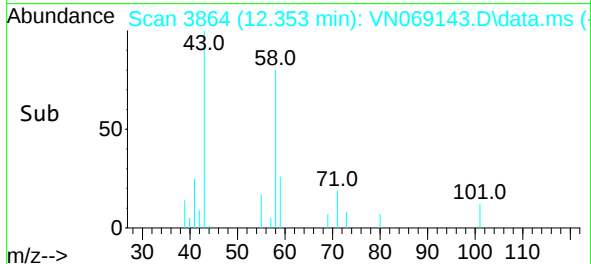
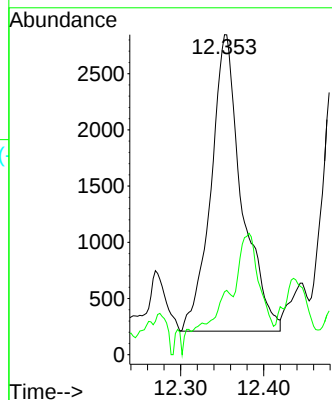
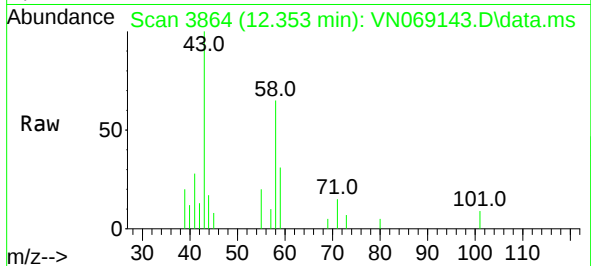




#47  
n-amyl acetate  
Concen: 0.982 ug/l  
RT: 12.353 min Scan# 3864  
Delta R.T. -0.037 min  
Lab File: VN069143.D  
Acq: 22 Oct 2021 18:58

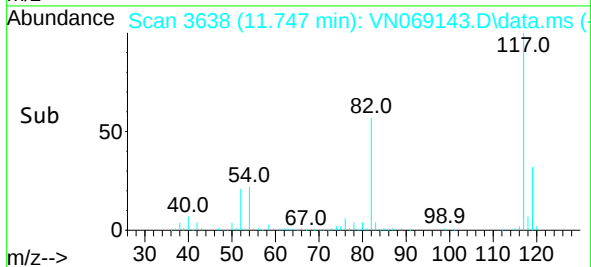
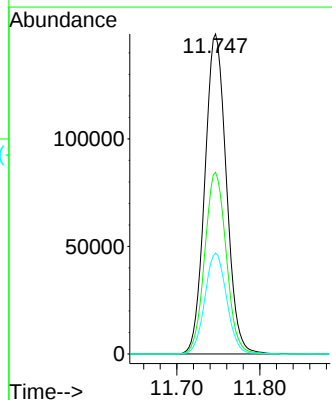
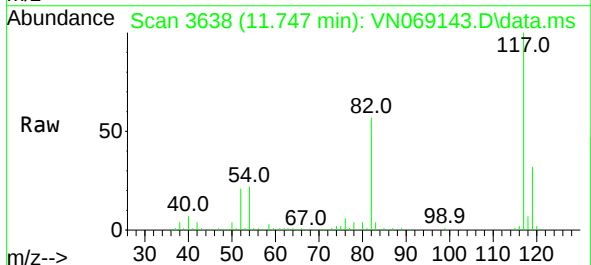
Instrument :  
MSVOA\_N  
ClientSampleId :

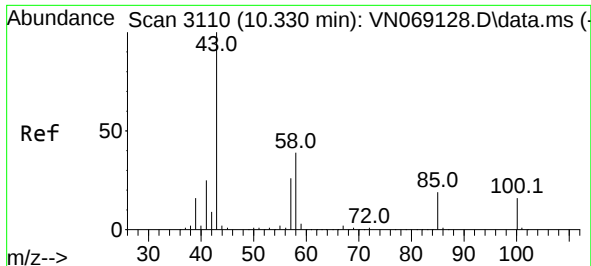
Tgt Ion: 43 Resp: 6827  
Ion Ratio Lower Upper  
43 100  
55 4.1 19.0 28.6#



#57  
Chlorobenzene-d5  
Concen: 30.000 ug/l  
RT: 11.747 min Scan# 3638  
Delta R.T. 0.000 min  
Lab File: VN069143.D  
Acq: 22 Oct 2021 18:58

Tgt Ion: 117 Resp: 267542  
Ion Ratio Lower Upper  
117 100  
82 56.8 43.6 65.4  
119 32.0 25.8 38.6

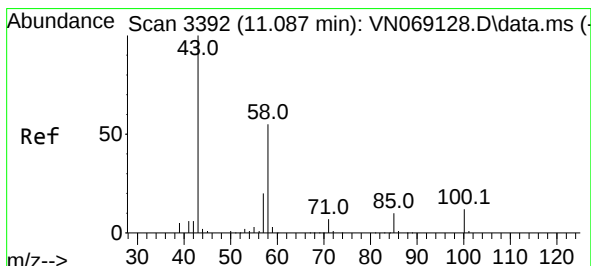
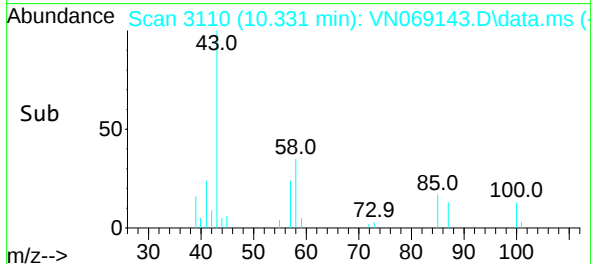
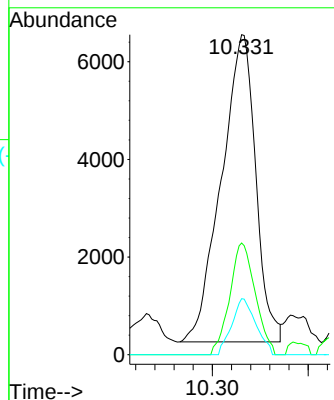
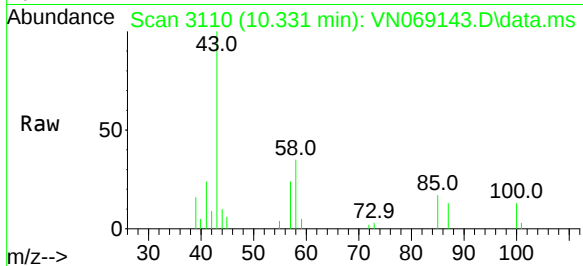




#58  
4-Methyl-2-Pentanone  
Concen: 3.473 ug/l  
RT: 10.331 min Scan# 3110  
Delta R.T. 0.000 min  
Lab File: VN069143.D  
Acq: 22 Oct 2021 18:58

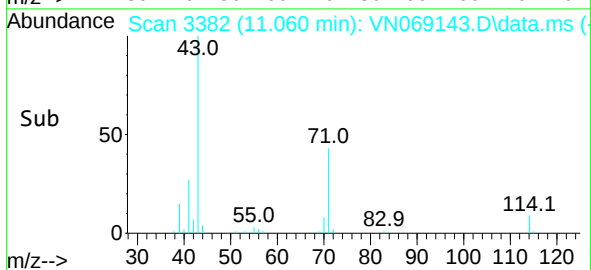
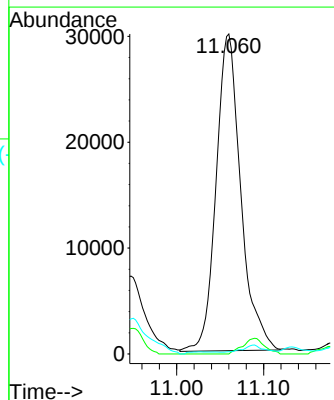
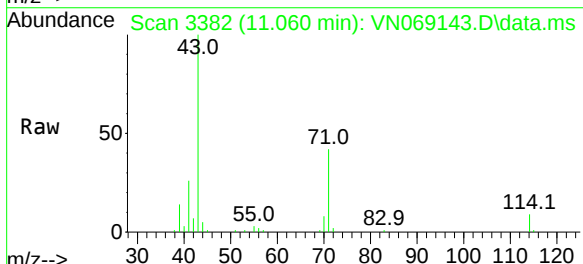
Instrument :  
MSVOA\_N  
ClientSampleId :

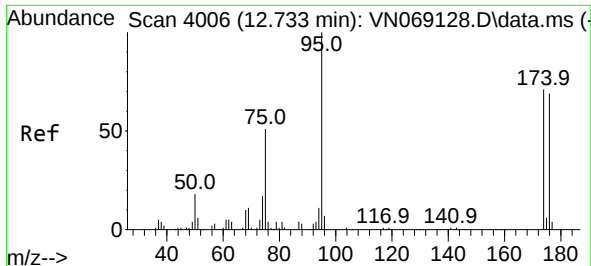
Tgt Ion: 43 Resp: 15674  
Ion Ratio Lower Upper  
43 100  
58 27.0 30.0 45.0#  
85 12.7 15.0 22.6#



#59  
2-Hexanone  
Concen: 17.345 ug/l  
RT: 11.060 min Scan# 3382  
Delta R.T. -0.027 min  
Lab File: VN069143.D  
Acq: 22 Oct 2021 18:58

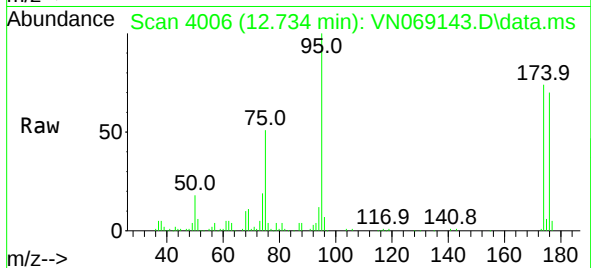
Tgt Ion: 43 Resp: 59120  
Ion Ratio Lower Upper  
43 100  
58 0.0 42.2 63.2#  
57 0.3 15.0 22.4#



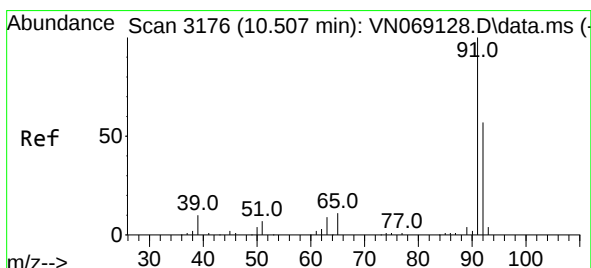
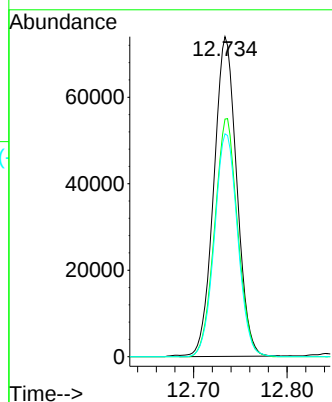
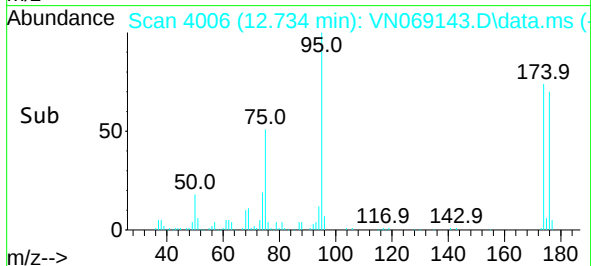


#60  
4-Bromofluorobenzene  
Concen: 27.477 ug/l  
RT: 12.734 min Scan# 4006  
Delta R.T. 0.000 min  
Lab File: VN069143.D  
Acq: 22 Oct 2021 18:58

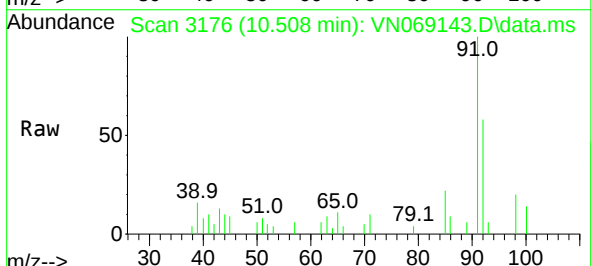
Instrument :  
MSVOA\_N  
ClientSampleId :



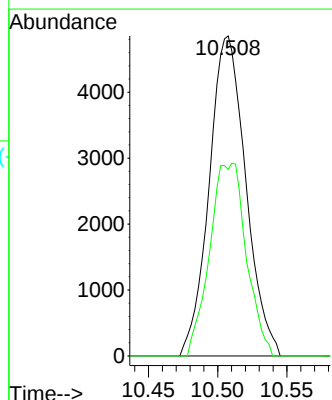
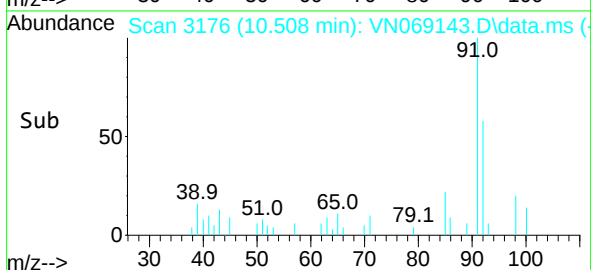
Tgt Ion: 95 Resp: 126051  
Ion Ratio Lower Upper  
95 100  
174 74.8 62.9 94.3  
176 70.6 61.0 91.4

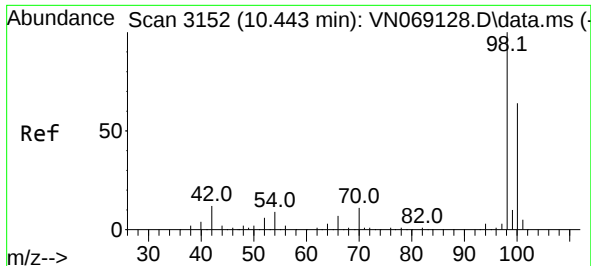


#62  
Toluene  
Concen: 0.572 ug/l  
RT: 10.508 min Scan# 3176  
Delta R.T. 0.000 min  
Lab File: VN069143.D  
Acq: 22 Oct 2021 18:58



Tgt Ion: 91 Resp: 8921  
Ion Ratio Lower Upper  
91 100  
92 32.7 44.6 67.0#

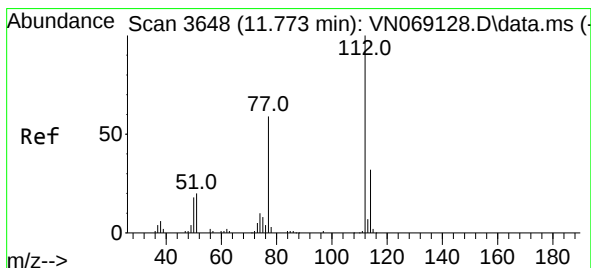
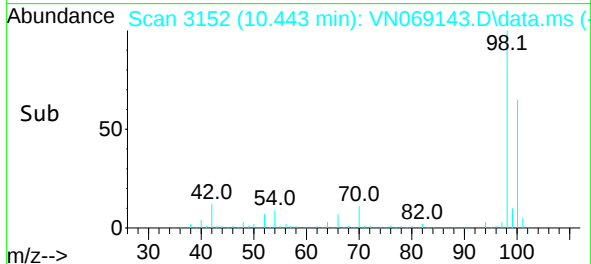
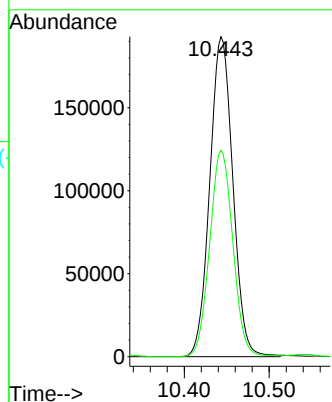
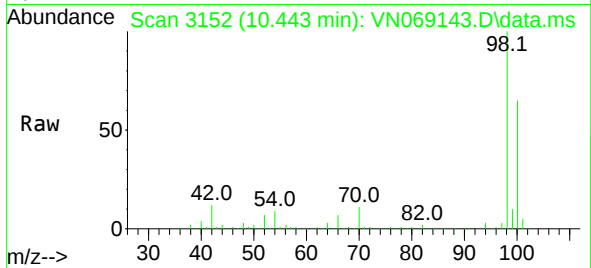




#63  
Toluene-d8  
Concen: 30.070 ug/l  
RT: 10.443 min Scan# 3152  
Delta R.T. 0.000 min  
Lab File: VN069143.D  
Acq: 22 Oct 2021 18:58

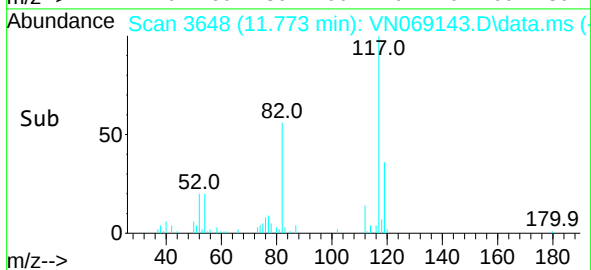
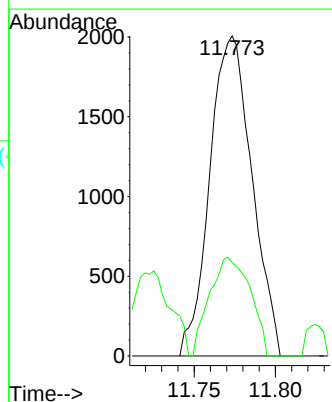
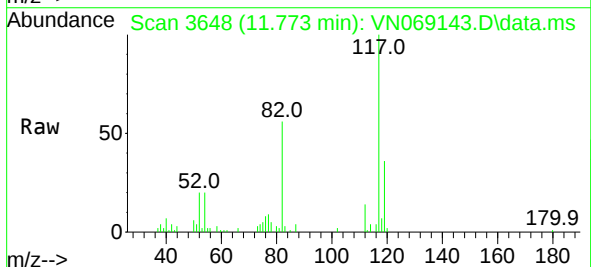
Instrument :  
MSVOA\_N  
ClientSampleId :

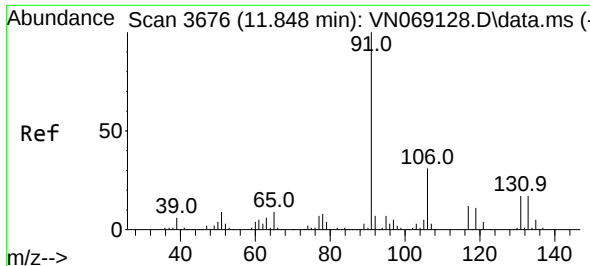
Tgt Ion: 98 Resp: 363481  
Ion Ratio Lower Upper  
98 100  
100 64.7 50.6 76.0



#64  
Chlorobenzene  
Concen: 0.383 ug/l  
RT: 11.773 min Scan# 3648  
Delta R.T. 0.000 min  
Lab File: VN069143.D  
Acq: 22 Oct 2021 18:58

Tgt Ion: 112 Resp: 3619  
Ion Ratio Lower Upper  
112 100  
114 29.1 25.8 38.6

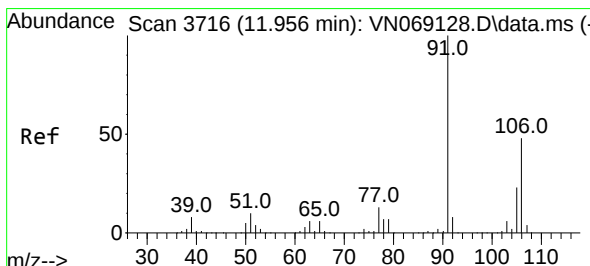
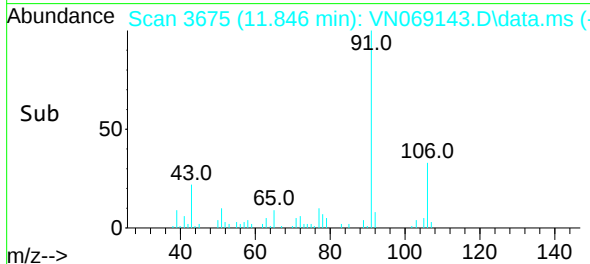
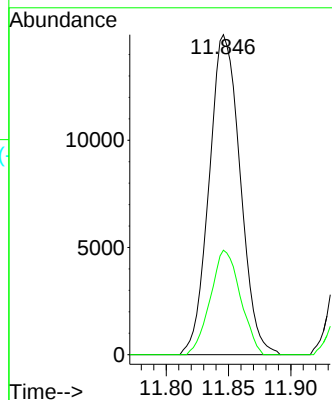
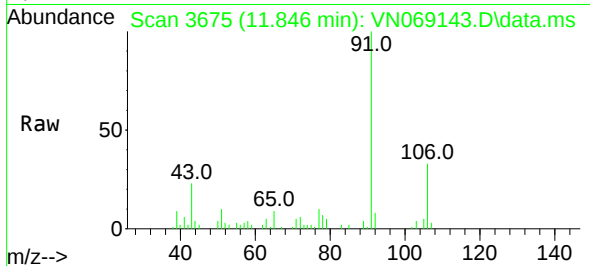




#66  
Ethyl Benzene  
Concen: 1.478 ug/l  
RT: 11.846 min Scan# 3676  
Delta R.T. -0.003 min  
Lab File: VN069143.D  
Acq: 22 Oct 2021 18:58

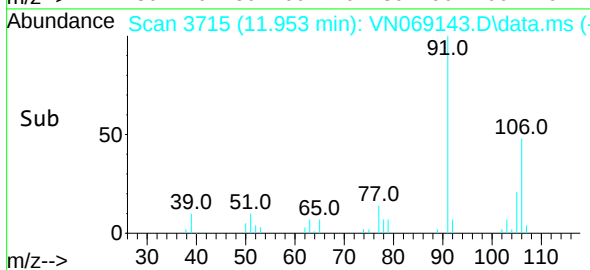
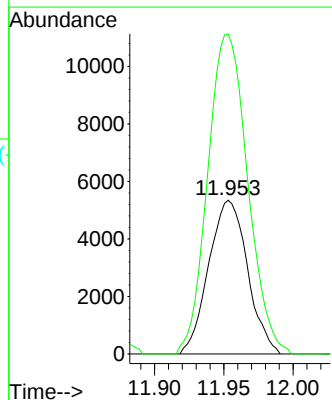
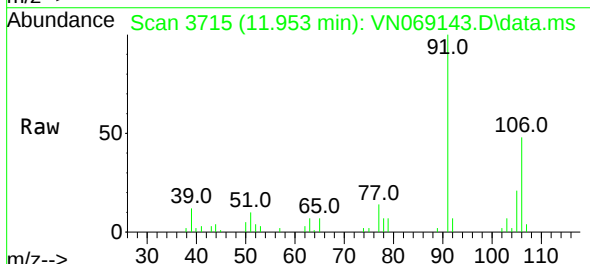
Instrument :  
MSVOA\_N  
ClientSampleId :

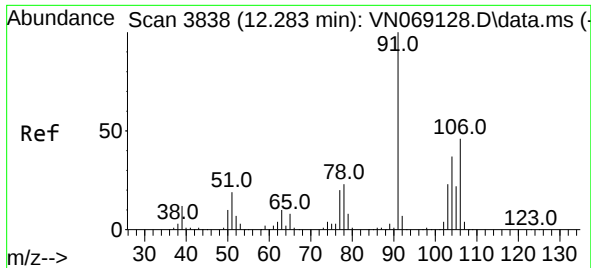
Tgt Ion: 91 Resp: 25899  
Ion Ratio Lower Upper  
91 100  
106 32.6 24.0 36.0



#67  
m/p-Xylenes  
Concen: 1.582 ug/l  
RT: 11.953 min Scan# 3715  
Delta R.T. -0.002 min  
Lab File: VN069143.D  
Acq: 22 Oct 2021 18:58

Tgt Ion:106 Resp: 10426  
Ion Ratio Lower Upper  
106 100  
91 214.1 162.9 244.3

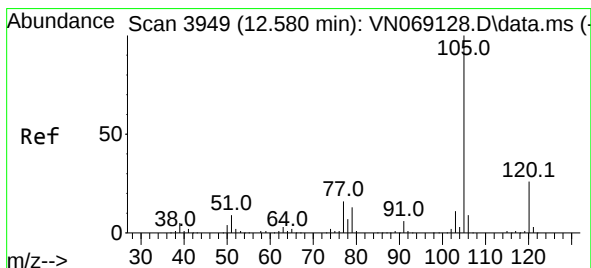
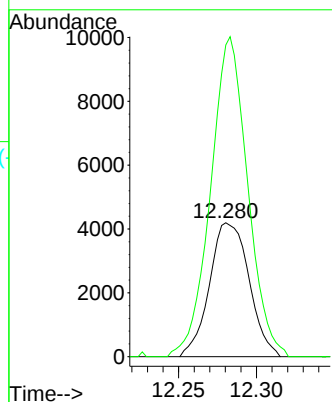
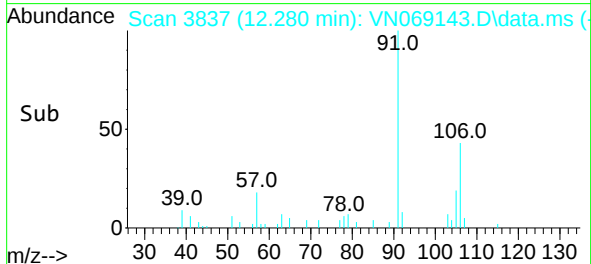
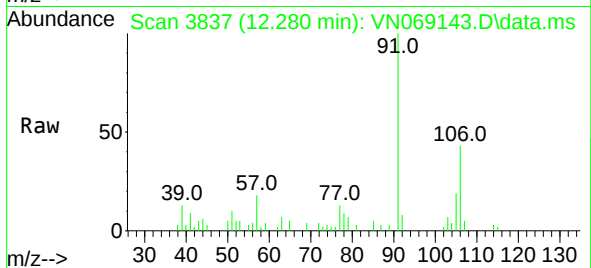




#68  
o-Xylene  
Concen: 1.122 ug/l  
RT: 12.280 min Scan# 3838  
Delta R.T. -0.002 min  
Lab File: VN069143.D  
Acq: 22 Oct 2021 18:58

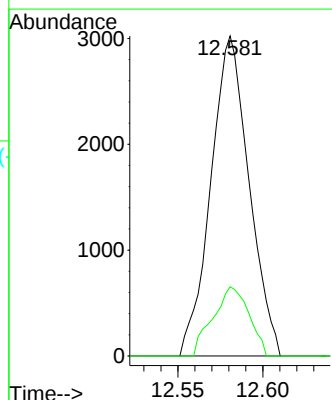
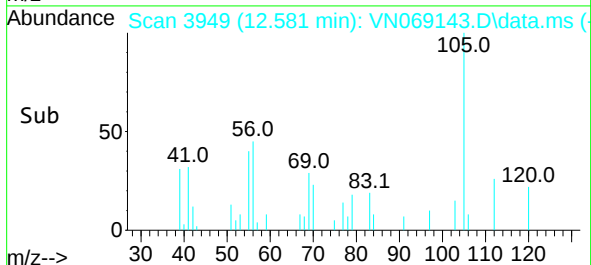
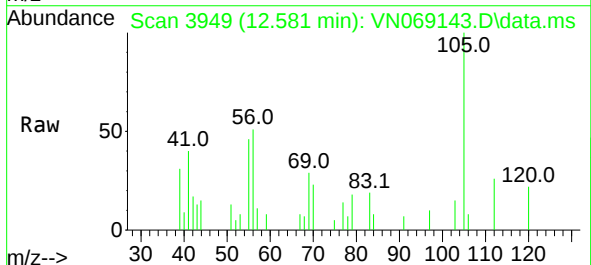
Instrument :  
MSVOA\_N  
ClientSampleId :

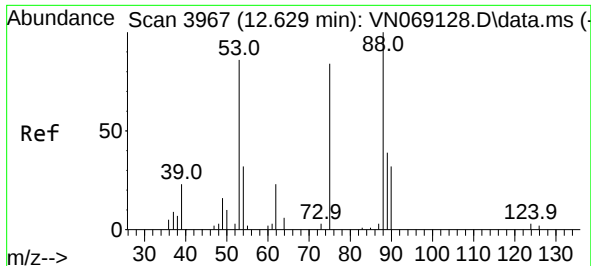
Tgt Ion:106 Resp: 7405  
Ion Ratio Lower Upper  
106 100  
91 224.1 107.7 323.1



#70  
Isopropylbenzene  
Concen: 0.274 ug/l  
RT: 12.581 min Scan# 3949  
Delta R.T. 0.000 min  
Lab File: VN069143.D  
Acq: 22 Oct 2021 18:58

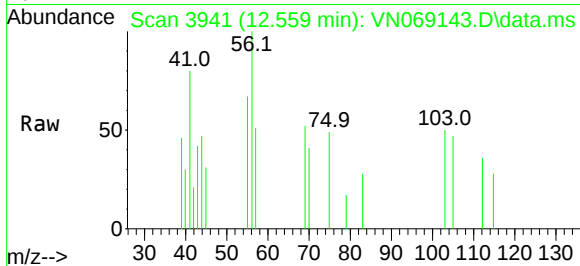
Tgt Ion:105 Resp: 4733  
Ion Ratio Lower Upper  
105 100  
120 20.3 18.3 34.1



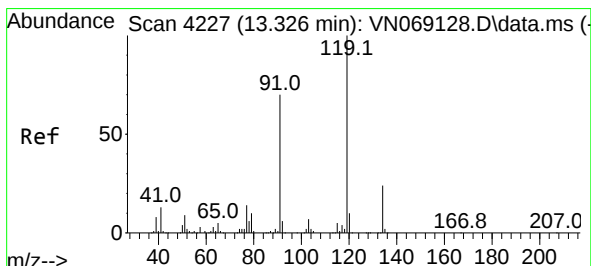
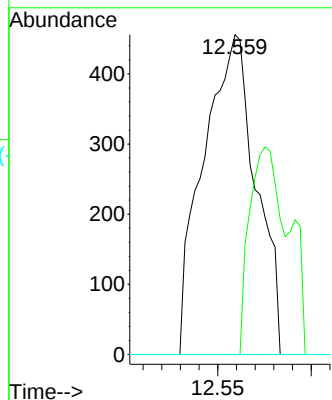
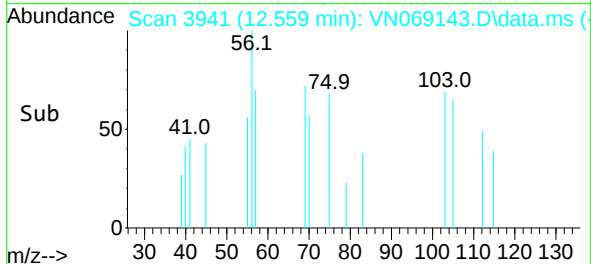


#77  
t-1,4-Dichloro-2-butene  
Concen: 0.525 ug/l  
RT: 12.559 min Scan# 3941  
Delta R.T. -0.070 min  
Lab File: VN069143.D  
Acq: 22 Oct 2021 18:58

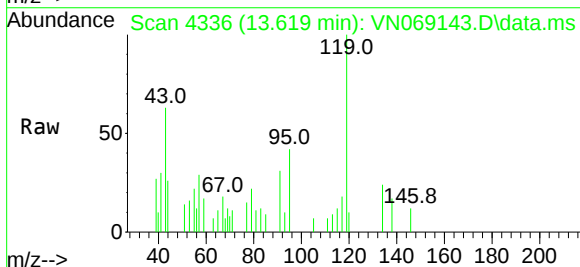
Instrument :  
MSVOA\_N  
ClientSampleId :



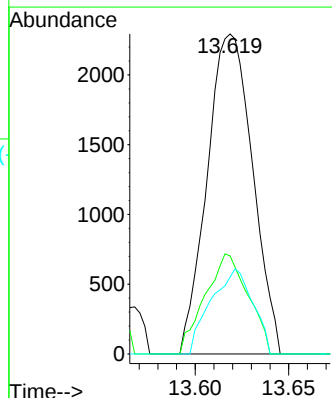
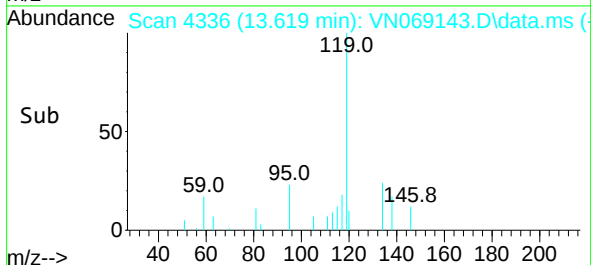
Tgt Ion: 75 Resp: 894  
Ion Ratio Lower Upper  
75 100  
53 0.0 51.8 155.5#  
89 0.0 22.9 68.7#

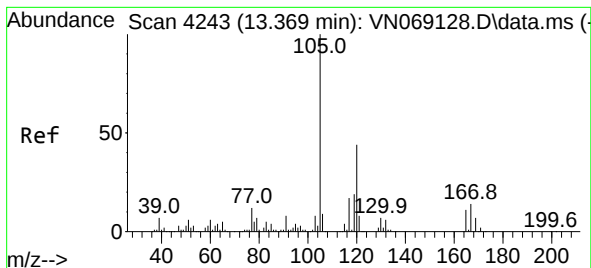


#79  
tert-butylbenzene  
Concen: 0.306 ug/l  
RT: 13.619 min Scan# 4336  
Delta R.T. 0.293 min  
Lab File: VN069143.D  
Acq: 22 Oct 2021 18:58



Tgt Ion: 119 Resp: 3873  
Ion Ratio Lower Upper  
119 100  
91 29.7 0.0 137.0  
134 24.5 0.0 47.6





#80

1,2,4-Trimethylbenzene

Concen: 0.573 ug/l

RT: 13.369 min Scan# 41

Delta R.T. 0.000 min

Lab File: VN069143.D

Acq: 22 Oct 2021 18:58

Instrument :

MSVOA\_N

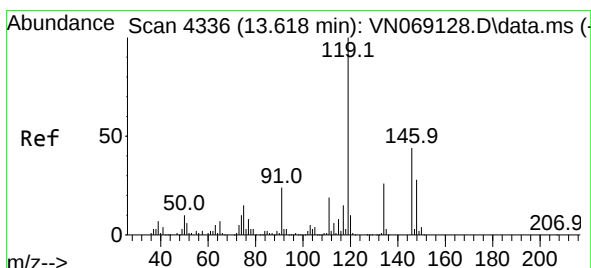
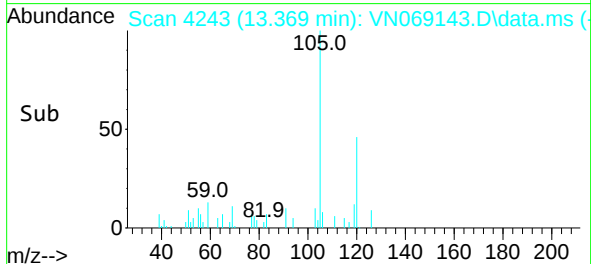
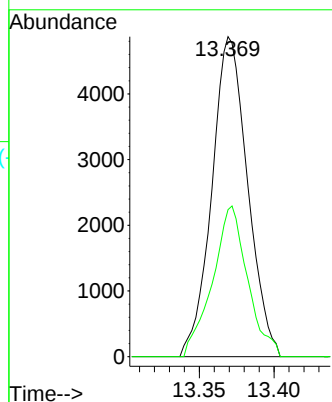
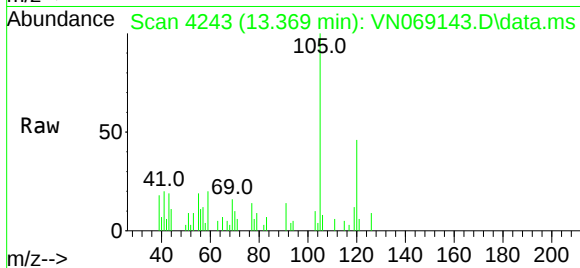
ClientSampleId :

Tgt Ion:105 Resp: 8109

Ion Ratio Lower Upper

105 100

120 46.2 0.0 0.2#



#82

p-Isopropyltoluene

Concen: 0.268 ug/l

RT: 13.619 min Scan# 4336

Delta R.T. 0.000 min

Lab File: VN069143.D

Acq: 22 Oct 2021 18:58

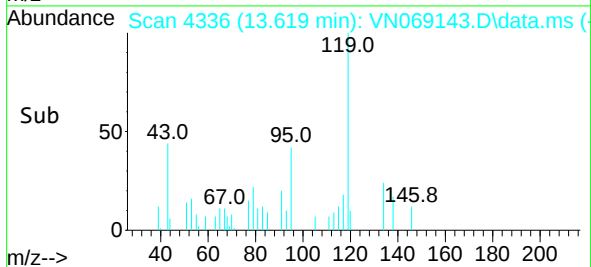
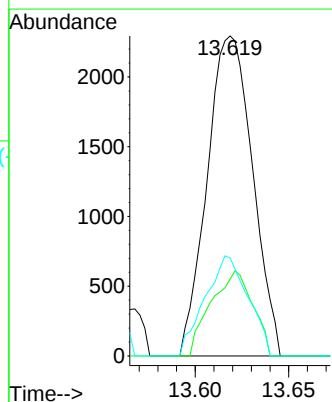
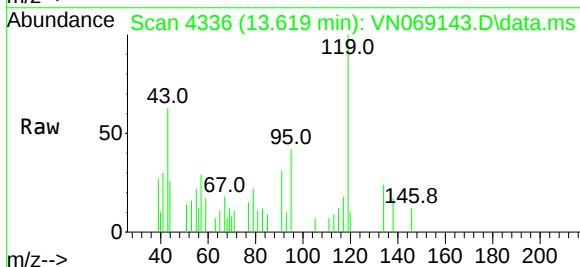
Tgt Ion:119 Resp: 3873

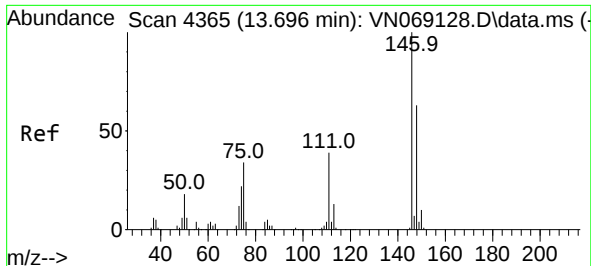
Ion Ratio Lower Upper

119 100

134 24.5 0.0 51.8

91 29.7 0.0 50.4

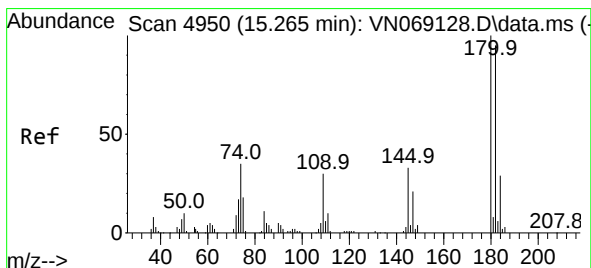
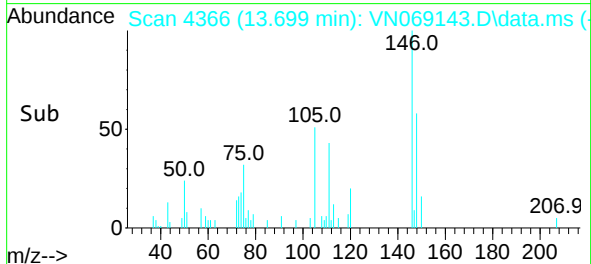
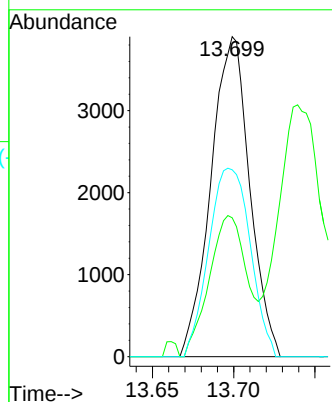
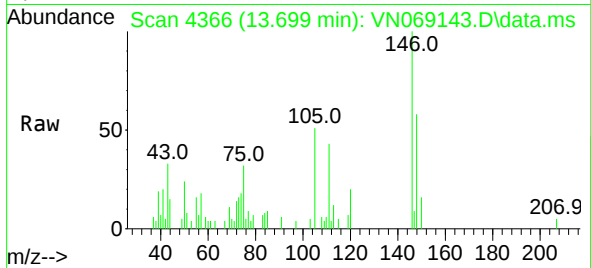




#84  
1,4-Dichlorobenzene  
Concen: 0.963 ug/l  
RT: 13.699 min Scan# 41  
Delta R.T. 0.003 min  
Lab File: VN069143.D  
Acq: 22 Oct 2021 18:58

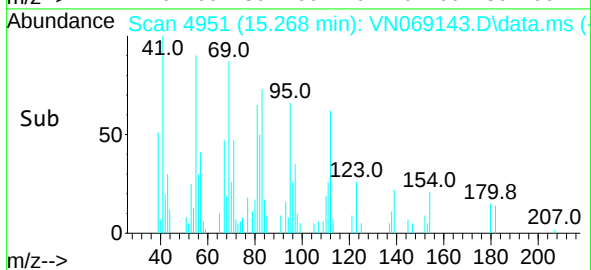
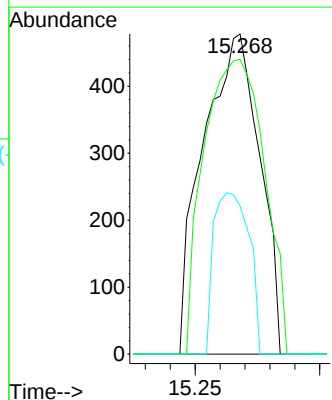
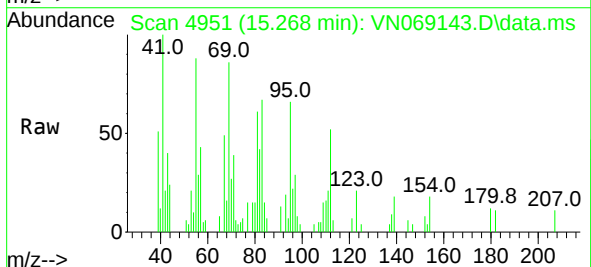
Instrument :  
MSVOA\_N  
ClientSampleId :

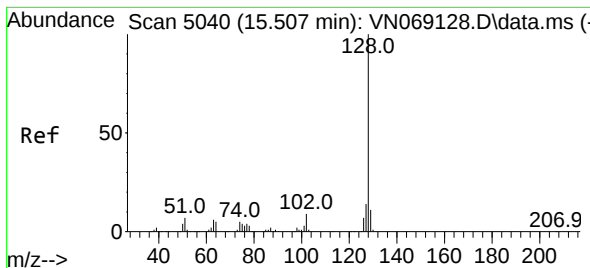
Tgt Ion:146 Resp: 6471  
Ion Ratio Lower Upper  
146 100  
111 43.1 19.5 58.5  
148 63.3 31.1 93.5



#89  
1,2,4-Trichlorobenzene  
Concen: 0.227 ug/l  
RT: 15.268 min Scan# 4951  
Delta R.T. 0.003 min  
Lab File: VN069143.D  
Acq: 22 Oct 2021 18:58

Tgt Ion:180 Resp: 755  
Ion Ratio Lower Upper  
180 100  
182 98.4 77.7 116.5  
145 31.4 26.6 39.8





#91

Naphthalene

Concen: 10.949 ug/l

RT: 15.507 min Scan# 5040

Delta R.T. 0.000 min

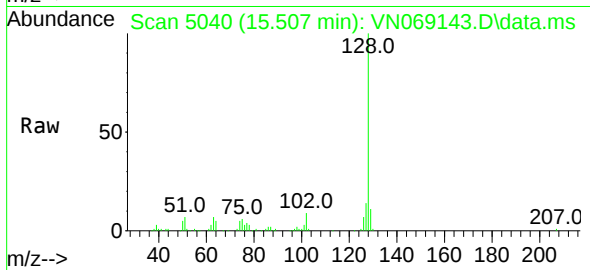
Lab File: VN069143.D

Acq: 22 Oct 2021 18:58

Instrument :

MSVOA\_N

ClientSampleId :



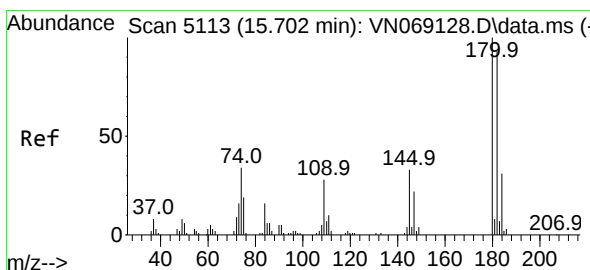
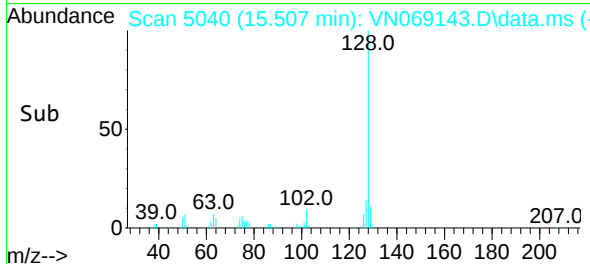
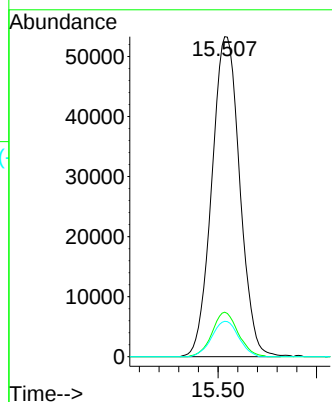
Tgt Ion:128 Resp: 105307

Ion Ratio Lower Upper

128 100

127 13.0 10.7 16.1

129 10.6 9.0 13.6



#92

1,2,3-Trichlorobenzene

Concen: 0.238 ug/l

RT: 15.268 min Scan# 4951

Delta R.T. -0.434 min

Lab File: VN069143.D

Acq: 22 Oct 2021 18:58

Tgt Ion:180 Resp: 755

Ion Ratio Lower Upper

180 100

182 98.4 0.0 190.0

145 31.4 0.0 67.8

