

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN122121\  
 Data File : VN070270.D  
 Acq On : 21 Dec 2021 16:18  
 Operator : JC/MD  
 Sample : M5039-09DL 50X  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Dec 21 20:11:39 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N120221W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Dec 03 08:46:47 2021  
 Response via : Initial Calibration

| Compound                      | R.T. QIon      |     | Response   | Conc     | Units  | Dev(Min) |
|-------------------------------|----------------|-----|------------|----------|--------|----------|
| -----                         |                |     |            |          |        |          |
| Internal Standards            |                |     |            |          |        |          |
| 1) Pentafluorobenzene         | 8.086          | 168 | 839447     | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene       | 8.968          | 114 | 1417746    | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5          | 11.744         | 117 | 1249843    | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4    | 13.672         | 152 | 472832     | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds   |                |     |            |          |        |          |
| 33) 1,2-Dichloroethane-d4     | 8.437          | 65  | 708012     | 54.626   | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 61 - 141 |     | Recovery = | 109.260% |        |          |
| 35) Dibromofluoromethane      | 8.024          | 113 | 463299     | 52.171   | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 69 - 133 |     | Recovery = | 104.340% |        |          |
| 50) Toluene-d8                | 10.440         | 98  | 1812687    | 50.835   | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 65 - 126 |     | Recovery = | 101.680% |        |          |
| 62) 4-Bromofluorobenzene      | 12.731         | 95  | 623262     | 48.247   | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 58 - 135 |     | Recovery = | 96.500%  |        |          |
| Target Compounds              |                |     |            |          |        |          |
|                               |                |     |            |          | Qvalue |          |
| 3) Chloromethane              | 2.306          | 50  | 2715       | 0.221    | ug/l   | 96       |
| 11) Tert butyl alcohol        | 5.377          | 59  | 108778     | 44.400   | ug/l   | 99       |
| 13) Acrolein                  | 4.049          | 56  | 1040       | 0.498    | ug/l # | 54       |
| 15) Acrylonitrile             | 5.618          | 53  | 6914       | 1.047    | ug/l # | 39       |
| 16) Acetone                   | 4.293          | 43  | 33146      | 4.251    | ug/l   | 93       |
| 19) Methyl tert-butyl Ether   | 5.618          | 73  | 508373     | 16.351   | ug/l # | 89       |
| 20) Methylene Chloride        | 5.101          | 84  | 3956       | 0.382    | ug/l # | 90       |
| 22) Diisopropyl ether         | 6.509          | 45  | 11699      | 0.332    | ug/l # | 85       |
| 25) 2-Butanone                | 7.348          | 43  | 27614      | 2.607    | ug/l # | 86       |
| 31) Cyclohexane               | 8.091          | 56  | 50285      | 2.788    | ug/l # | 64       |
| 36) 1,1-Dichloropropene       | 8.088          | 75  | 69828      | 5.174    | ug/l # | 49       |
| 37) Ethyl Acetate             | 7.348          | 43  | 27614      | 1.375    | ug/l # | 69       |
| 38) Carbon Tetrachloride      | 8.086          | 117 | 85062      | 6.427    | ug/l # | 15       |
| 39) Methylcyclohexane         | 9.461          | 83  | 22032      | 1.372    | ug/l   | 94       |
| 40) Benzene                   | 8.461          | 78  | 358134     | 8.681    | ug/l   | 99       |
| 43) Isopropyl Acetate         | 8.536          | 43  | 15903      | 0.535    | ug/l # | 55       |
| 51) 4-Methyl-2-Pentanone      | 10.328         | 43  | 3984       | 0.207    | ug/l   | 97       |
| 52) Toluene                   | 10.505         | 92  | 96613      | 3.836    | ug/l   | 98       |
| 53) t-1,3-Dichloropropene     | 10.507         | 75  | 978        | 2.850    | ug/l # | 1        |
| 54) cis-1,3-Dichloropropene   | 10.202         | 75  | 174        | 2.008    | ug/l # | 63       |
| 56) Ethyl methacrylate        | 10.762         | 69  | 204        | 2.289    | ug/l # | 47       |
| 58) 2-Chloroethyl Vinyl ether | 10.038         | 63  | 820        | 18.536   | ug/l # | 57       |
| 59) 2-Hexanone                | 11.092         | 43  | 4535       | 0.311    | ug/l   | 75       |
| 60) Dibromochloromethane      | 10.979         | 129 | 432        | 2.414    | ug/l # | 11       |
| 67) Ethyl Benzene             | 11.843         | 91  | 1273205    | 27.644   | ug/l   | 95       |
| 68) m/p-Xylenes               | 11.953         | 106 | 1154404    | 68.837   | ug/l   | 92       |
| 69) o-Xylene                  | 12.280         | 106 | 240540     | 14.240   | ug/l   | 91       |
| 70) Styrene                   | 12.278         | 104 | 13327      | 0.498    | ug/l # | 1        |
| 71) Bromoform                 | 12.731         | 173 | 2577       | 3.050    | ug/l # | 1        |
| 73) Isopropylbenzene          | 12.575         | 105 | 110782     | 2.633    | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane    | 12.731         | 75  | 343217     | 25.311   | ug/l # | 1        |
| 78) n-propylbenzene           | 12.919         | 91  | 282127     | 6.027    | ug/l   | 95       |
| 79) 2-Chlorotoluene           | 13.015         | 91  | 51367      | 1.737    | ug/l # | 39       |
| 80) 1,3,5-Trimethylbenzene    | 13.058         | 105 | 564027     | 16.657   | ug/l   | 98       |
| 81) trans-1,4-Dichloro-2-b... | 12.731         | 75  | 343217     | 80.174   | ug/l # | 5        |
| 82) 4-Chlorotoluene           | 13.058         | 91  | 61425      | 2.208    | ug/l # | 38       |

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 Operator : JC/MD  
 Sample : M5039-09DL 50X  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 15 Sample Multiplier: 1

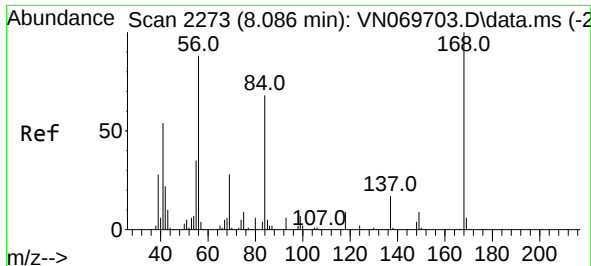
Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Dec 21 20:11:39 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N120221W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Dec 03 08:46:47 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| 83) tert-Butylbenzene         | 13.369 | 119  | 253161   | 8.444  | ug/l # | 61       |
| 84) 1,2,4-Trimethylbenzene    | 13.366 | 105  | 2086277  | 64.696 | ug/l   | 98       |
| 85) sec-Butylbenzene          | 13.366 | 105  | 2086277  | 51.300 | ug/l # | 56       |
| 86) p-Isopropyltoluene        | 13.560 | 119  | 16566    | 0.521  | ug/l # | 75       |
| 89) n-Butylbenzene            | 13.876 | 91   | 110590   | 4.289  | ug/l # | 50       |
| 90) Hexachloroethane          | 14.217 | 117  | 11109    | 1.990  | ug/l # | 6        |
| 92) 1,2-Dibromo-3-Chloropr... | 14.571 | 75   | 1031     | 0.392  | ug/l # | 1        |
| 93) 1,2,4-Trichlorobenzene    | 15.265 | 180  | 396      | 2.926  | ug/l # | 58       |
| 95) Naphthalene               | 15.504 | 128  | 396669   | 19.783 | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 15.705 | 180  | 817      | 2.538  | ug/l # | 72       |

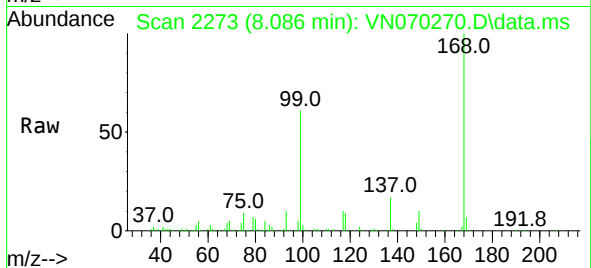
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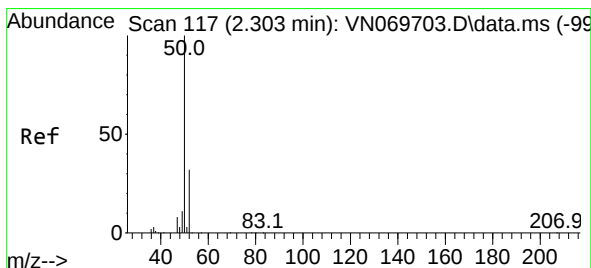
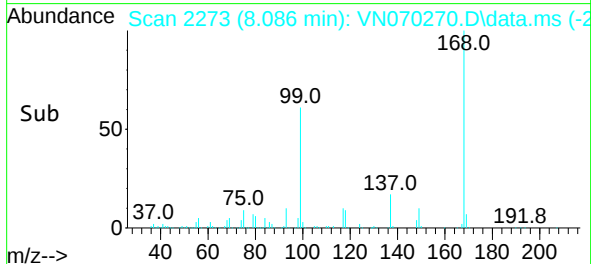
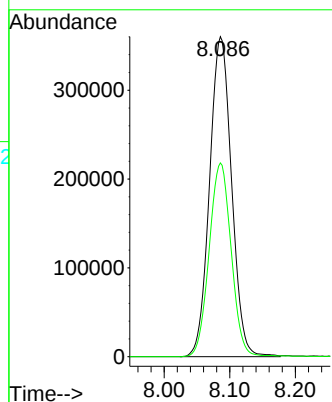


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.086 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: VN070270.D  
Acq: 21 Dec 2021 16:18

Instrument :  
MSVOA\_N  
ClientSampleId :

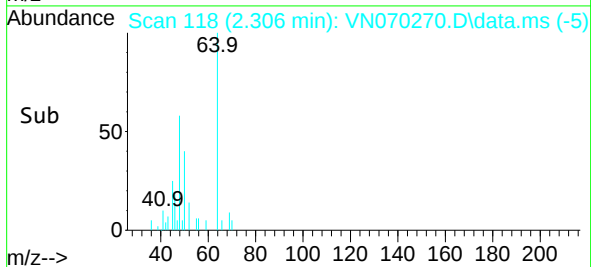
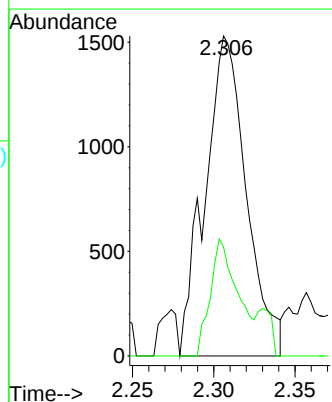
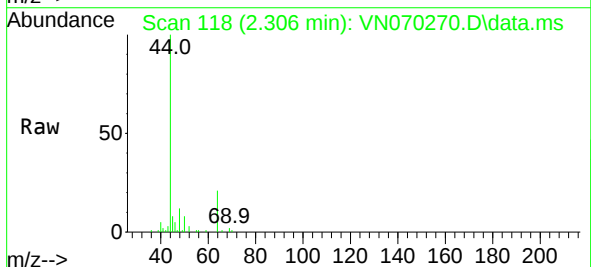


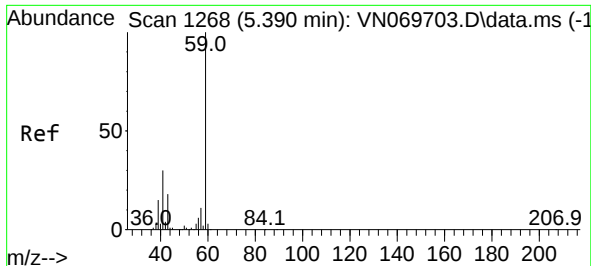
Tgt Ion:168 Resp: 839447  
Ion Ratio Lower Upper  
168 100  
99 60.5 41.3 61.9



#3  
Chloromethane  
Concen: 0.221 ug/l  
RT: 2.306 min Scan# 118  
Delta R.T. 0.003 min  
Lab File: VN070270.D  
Acq: 21 Dec 2021 16:18

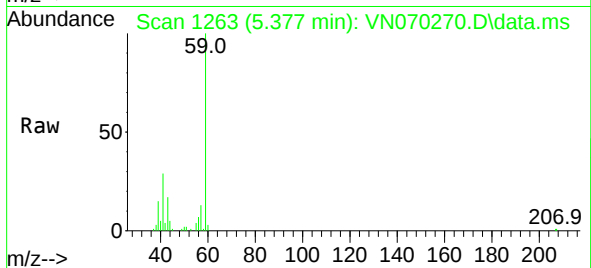
Tgt Ion: 50 Resp: 2715  
Ion Ratio Lower Upper  
50 100  
52 34.1 25.4 38.0



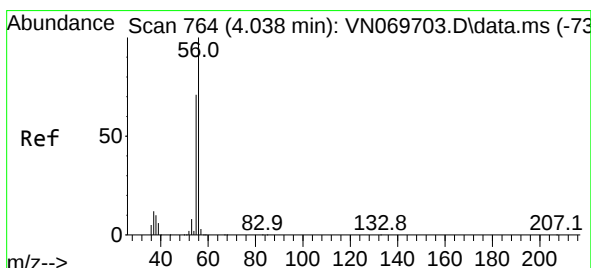
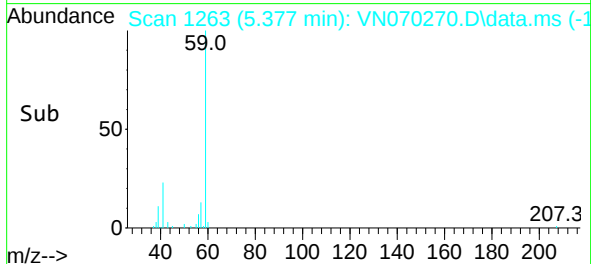
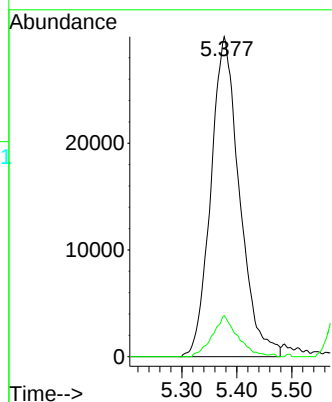


#11  
Tert butyl alcohol  
Concen: 44.400 ug/l  
RT: 5.377 min Scan# 11  
Delta R.T. -0.013 min  
Lab File: VN070270.D  
Acq: 21 Dec 2021 16:18

Instrument :  
MSVOA\_N  
ClientSampleId :

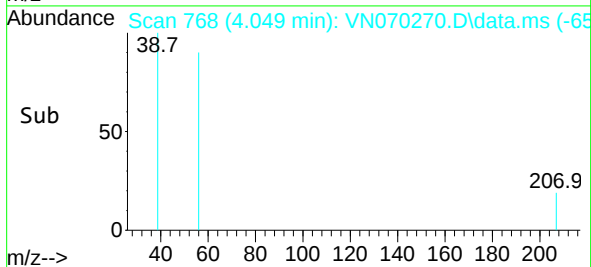
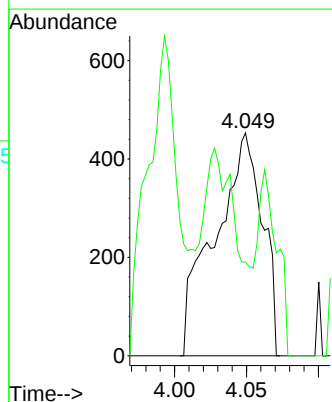
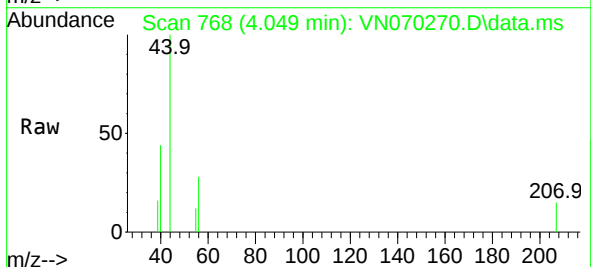


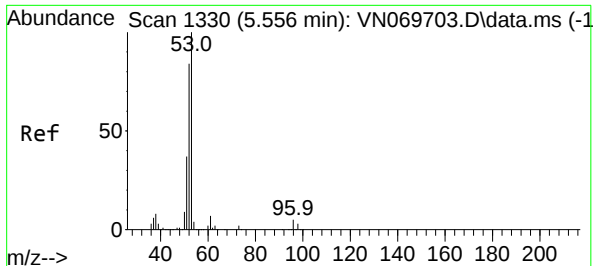
Tgt Ion: 59 Resp: 108778  
Ion Ratio Lower Upper  
59 100  
57 11.2 8.7 13.1



#13  
Acrolein  
Concen: 0.498 ug/l  
RT: 4.049 min Scan# 768  
Delta R.T. 0.011 min  
Lab File: VN070270.D  
Acq: 21 Dec 2021 16:18

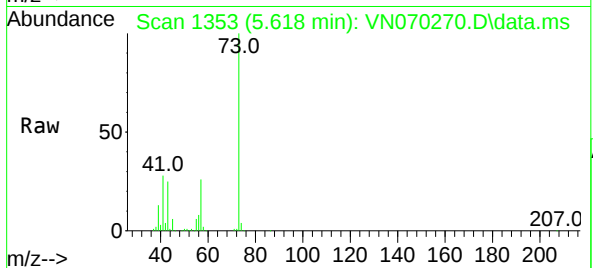
Tgt Ion: 56 Resp: 1040  
Ion Ratio Lower Upper  
56 100  
55 33.1 56.6 85.0#



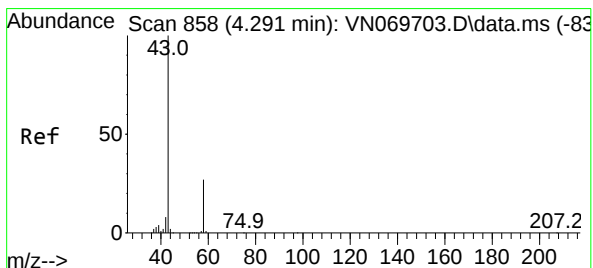
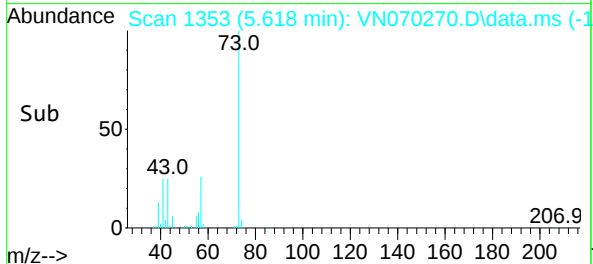
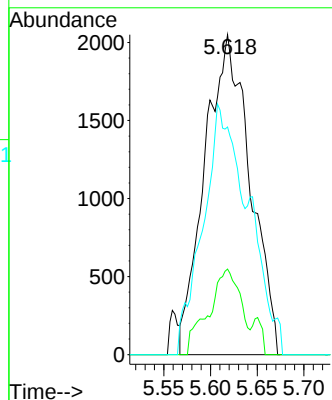


#15  
Acrylonitrile  
Concen: 1.047 ug/l  
RT: 5.618 min Scan# 11  
Delta R.T. 0.062 min  
Lab File: VN070270.D  
Acq: 21 Dec 2021 16:18

Instrument :  
MSVOA\_N  
ClientSampleId :

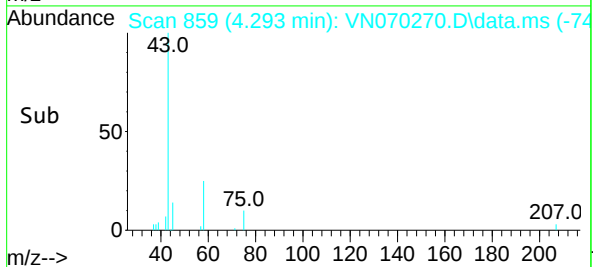
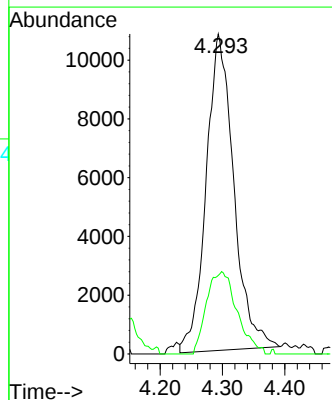
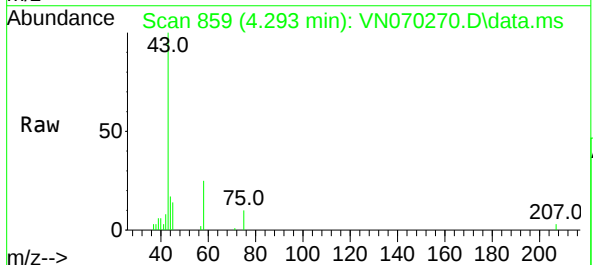


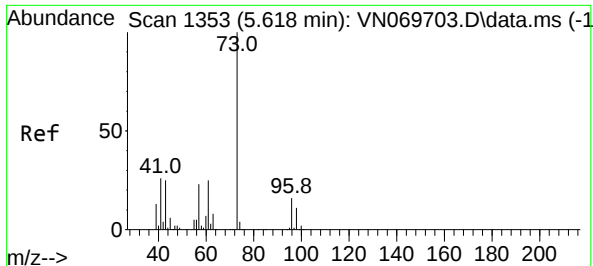
Tgt Ion: 53 Resp: 6914  
Ion Ratio Lower Upper  
53 100  
52 19.1 66.2 99.2#  
51 60.7 29.6 44.4#



#16  
Acetone  
Concen: 4.251 ug/l  
RT: 4.293 min Scan# 859  
Delta R.T. 0.003 min  
Lab File: VN070270.D  
Acq: 21 Dec 2021 16:18

Tgt Ion: 43 Resp: 33146  
Ion Ratio Lower Upper  
43 100  
58 25.1 23.1 34.7





#19

Methyl tert-butyl Ether

Concen: 16.351 ug/l

RT: 5.618 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN070270.D

Acq: 21 Dec 2021 16:18

Instrument :

MSVOA\_N

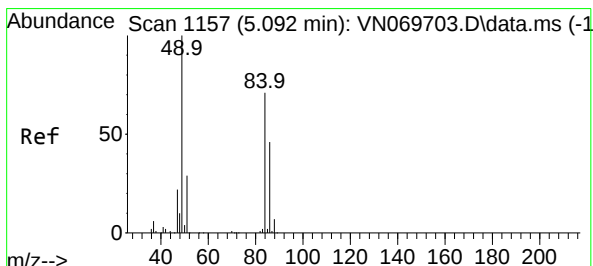
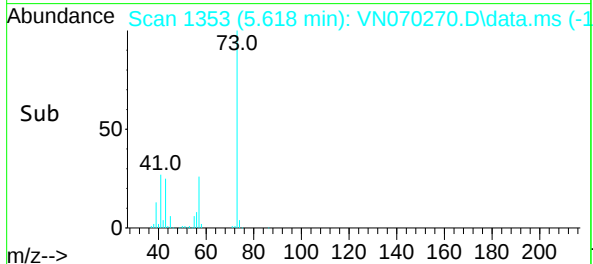
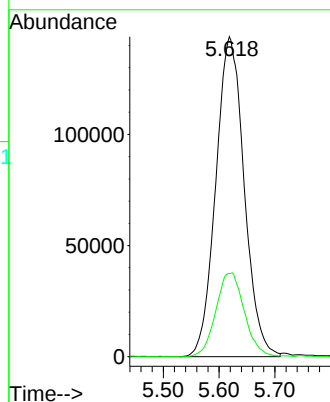
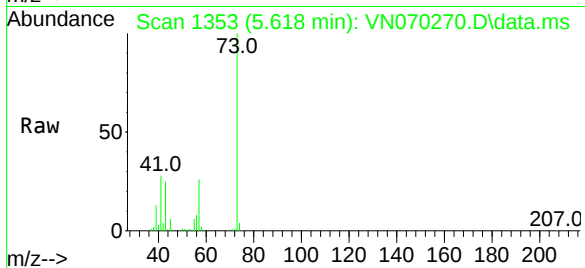
ClientSampleId :

Tgt Ion: 73 Resp: 508373

Ion Ratio Lower Upper

73 100

57 26.0 16.8 25.2#



#20

Methylene Chloride

Concen: 0.382 ug/l

RT: 5.101 min Scan# 1160

Delta R.T. 0.008 min

Lab File: VN070270.D

Acq: 21 Dec 2021 16:18

Tgt Ion: 84 Resp: 3956

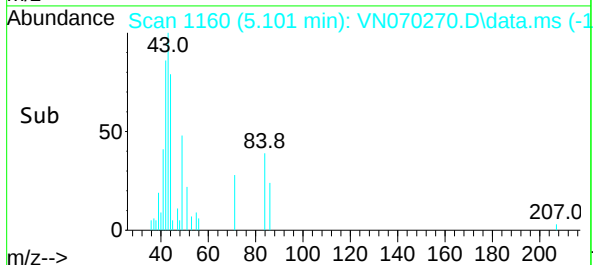
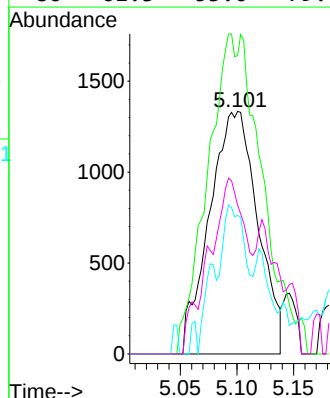
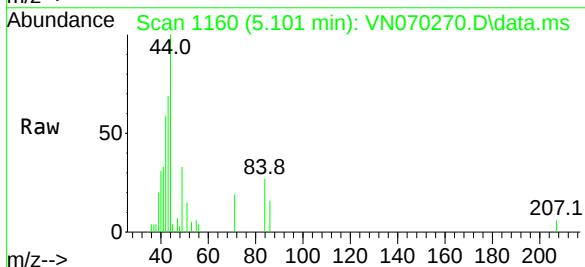
Ion Ratio Lower Upper

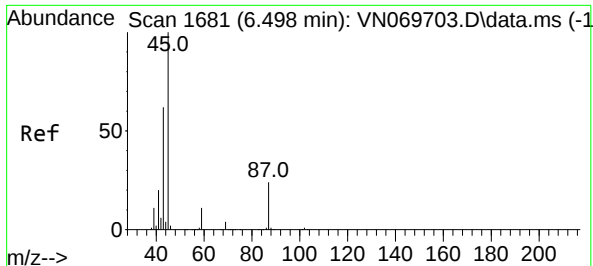
84 100

49 111.2 93.5 140.3

51 57.1 29.4 44.2#

86 61.3 53.0 79.4





#22

Diisopropyl ether

Concen: 0.332 ug/l

RT: 6.509 min Scan# 1

Delta R.T. 0.011 min

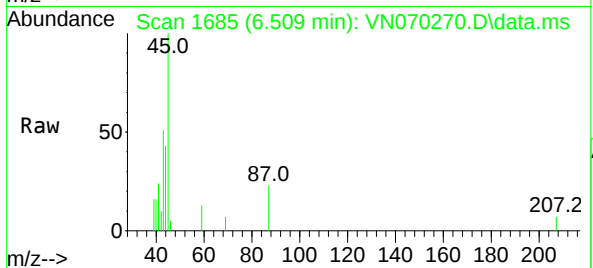
Lab File: VN070270.D

Acq: 21 Dec 2021 16:18

Instrument :

MSVOA\_N

ClientSampleId :



Tgt Ion: 45 Resp: 11699

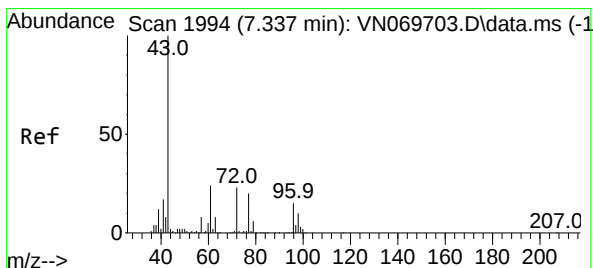
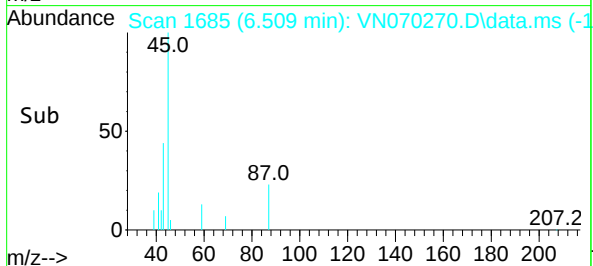
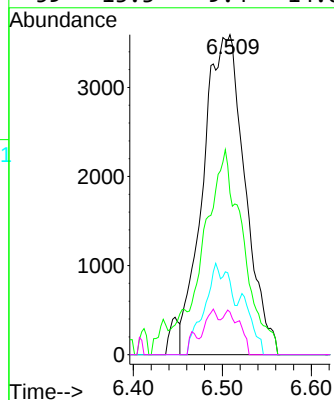
Ion Ratio Lower Upper

45 100

43 50.6 51.7 77.5#

87 22.9 23.2 34.8#

59 13.3 9.4 14.0



#25

2-Butanone

Concen: 2.607 ug/l

RT: 7.348 min Scan# 1998

Delta R.T. 0.011 min

Lab File: VN070270.D

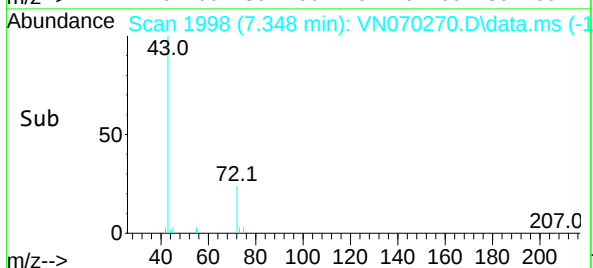
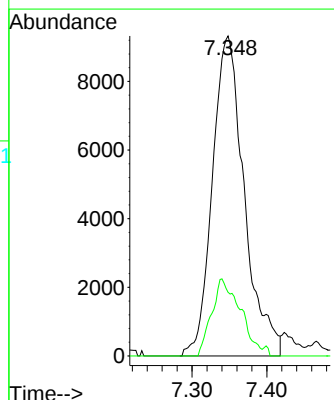
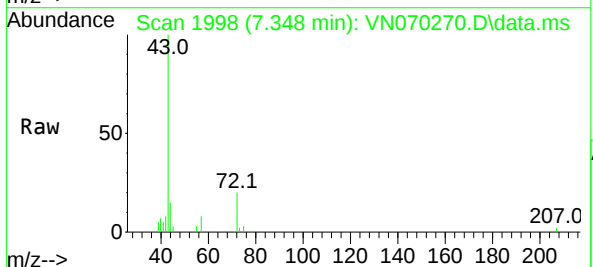
Acq: 21 Dec 2021 16:18

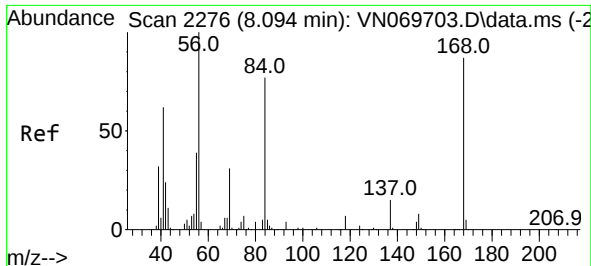
Tgt Ion: 43 Resp: 27614

Ion Ratio Lower Upper

43 100

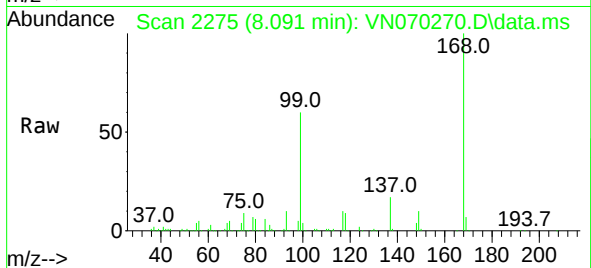
72 19.9 21.7 32.5#



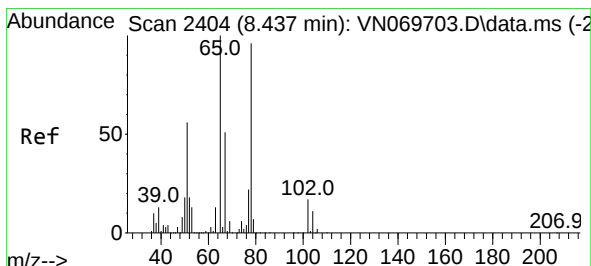
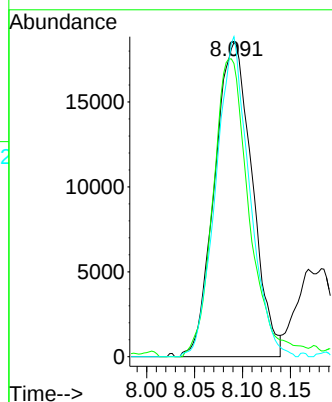
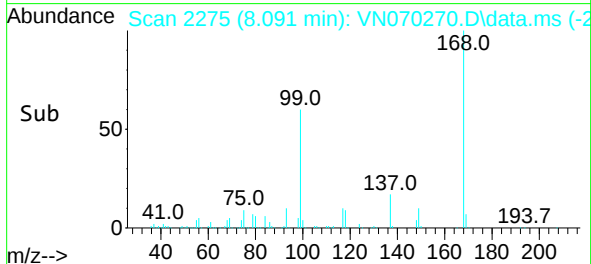


#31  
Cyclohexane  
Concen: 2.788 ug/l  
RT: 8.091 min Scan# 21  
Delta R.T. -0.003 min  
Lab File: VN070270.D  
Acq: 21 Dec 2021 16:18

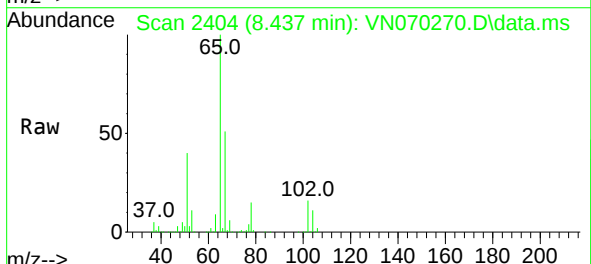
Instrument :  
MSVOA\_N  
ClientSampleId :



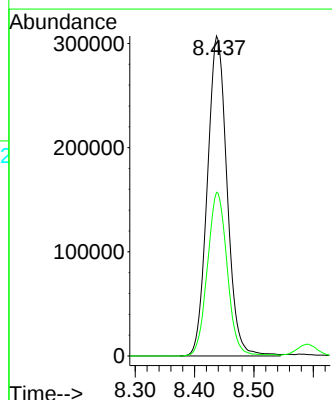
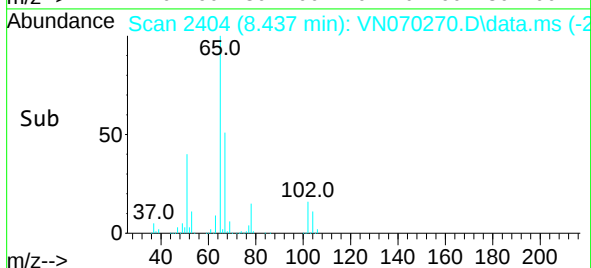
Tgt Ion: 56 Resp: 50285  
Ion Ratio Lower Upper  
56 100  
69 93.3 27.1 40.7#  
84 101.9 73.4 110.0

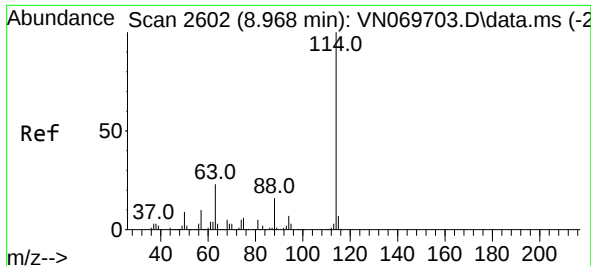


#33  
1,2-Dichloroethane-d4  
Concen: 54.626 ug/l  
RT: 8.437 min Scan# 2404  
Delta R.T. 0.000 min  
Lab File: VN070270.D  
Acq: 21 Dec 2021 16:18



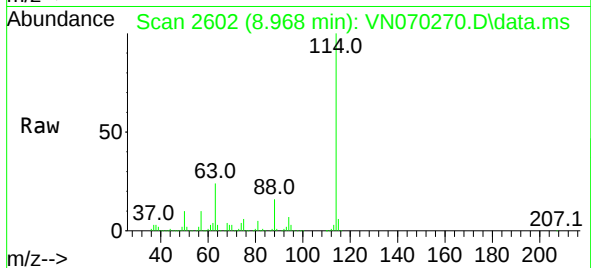
Tgt Ion: 65 Resp: 708012  
Ion Ratio Lower Upper  
65 100  
67 51.4 0.0 103.0



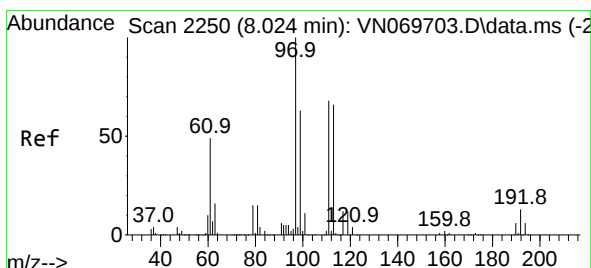
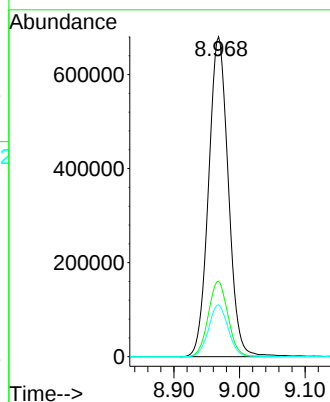
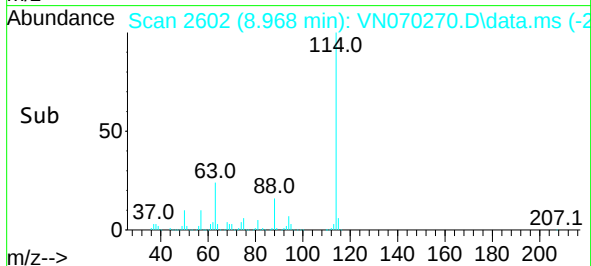


#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 8.968 min Scan# 2602  
Delta R.T. -0.000 min  
Lab File: VN070270.D  
Acq: 21 Dec 2021 16:18

Instrument :  
MSVOA\_N  
ClientSampleId :

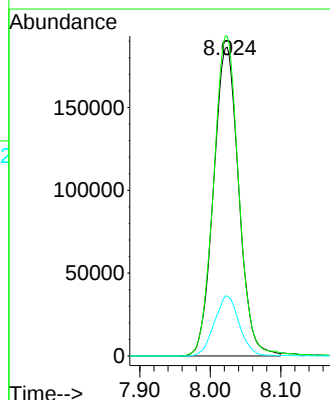
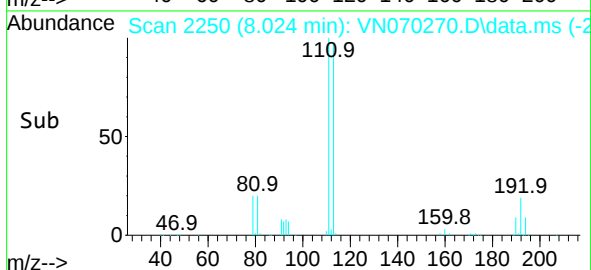
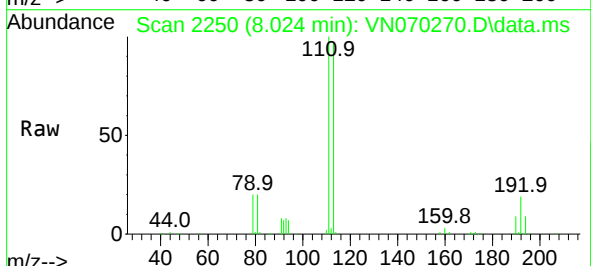


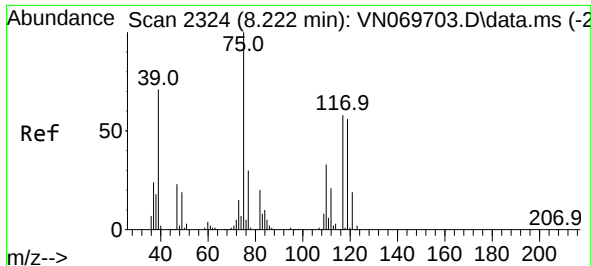
Tgt Ion:114 Resp: 1417746  
Ion Ratio Lower Upper  
114 100  
63 23.6 0.0 37.8  
88 16.2 0.0 27.4



#35  
Dibromofluoromethane  
Concen: 52.171 ug/l  
RT: 8.024 min Scan# 2250  
Delta R.T. 0.000 min  
Lab File: VN070270.D  
Acq: 21 Dec 2021 16:18

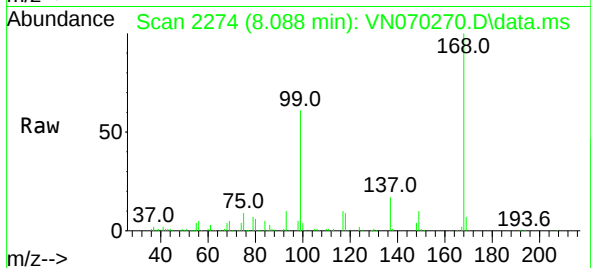
Tgt Ion:113 Resp: 463299  
Ion Ratio Lower Upper  
113 100  
111 103.8 82.2 123.2  
192 19.2 16.9 25.3



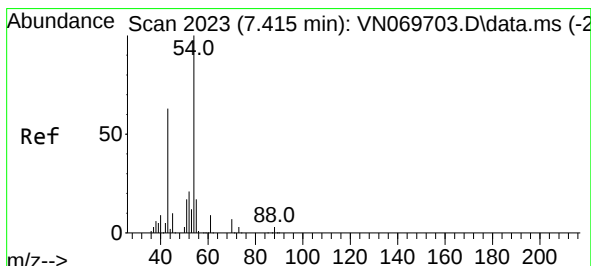
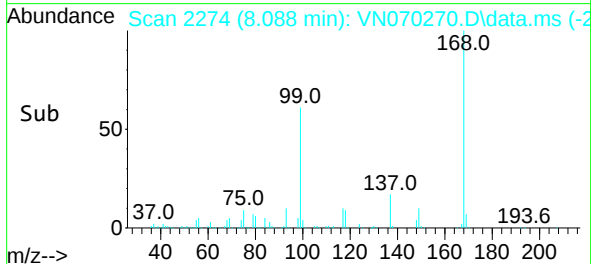
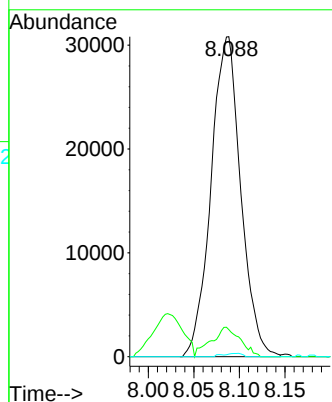


#36  
 1,1-Dichloropropene  
 Concen: 5.174 ug/l  
 RT: 8.088 min Scan# 21  
 Delta R.T. -0.134 min  
 Lab File: VN070270.D  
 Acq: 21 Dec 2021 16:18

Instrument :  
 MSVOA\_N  
 ClientSampleId :

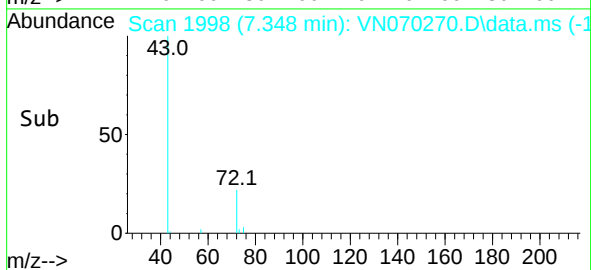
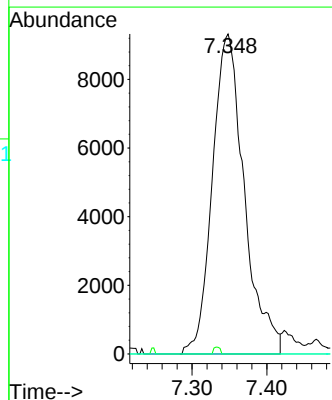
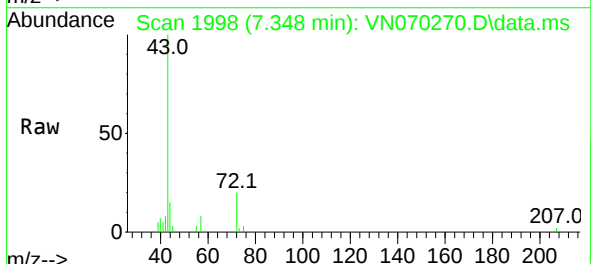


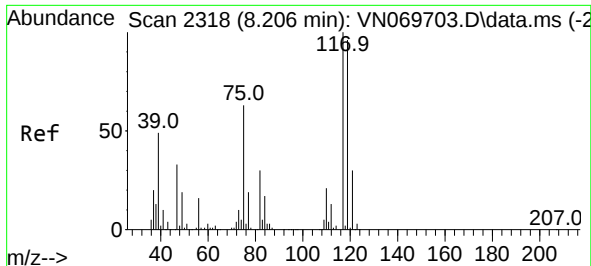
Tgt Ion: 75 Resp: 69828  
 Ion Ratio Lower Upper  
 75 100  
 110 8.9 18.4 55.2#  
 77 0.0 24.4 36.6#



#37  
 Ethyl Acetate  
 Concen: 1.375 ug/l  
 RT: 7.348 min Scan# 1998  
 Delta R.T. -0.067 min  
 Lab File: VN070270.D  
 Acq: 21 Dec 2021 16:18

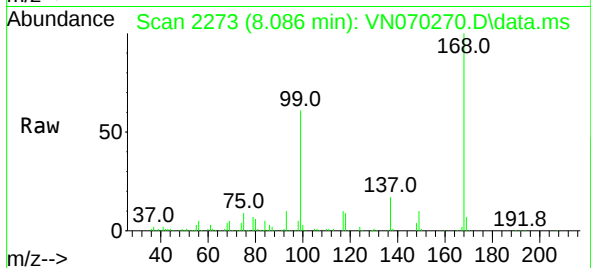
Tgt Ion: 43 Resp: 27614  
 Ion Ratio Lower Upper  
 43 100  
 61 0.4 11.5 17.3#  
 70 0.0 7.9 11.9#



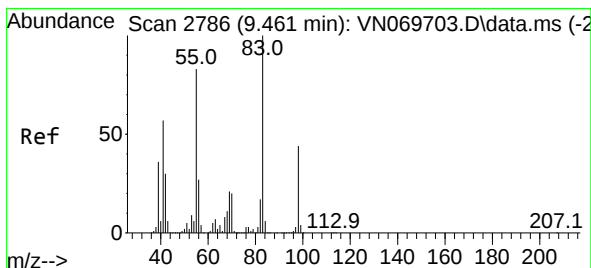
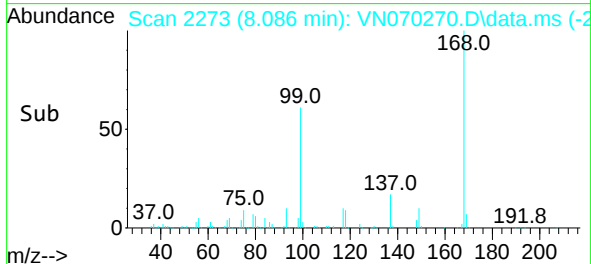
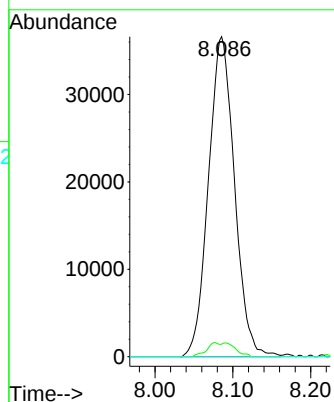


#38  
Carbon Tetrachloride  
Concen: 6.427 ug/l  
RT: 8.086 min Scan# 21  
Delta R.T. -0.121 min  
Lab File: VN070270.D  
Acq: 21 Dec 2021 16:18

Instrument :  
MSVOA\_N  
ClientSampleId :

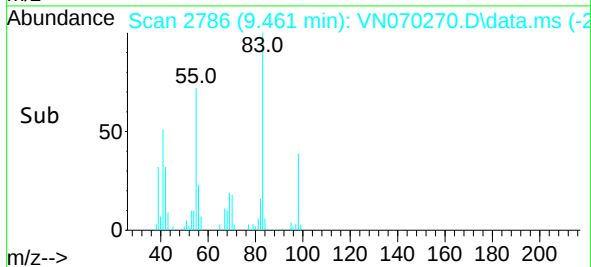
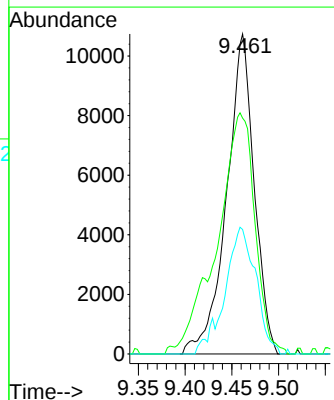
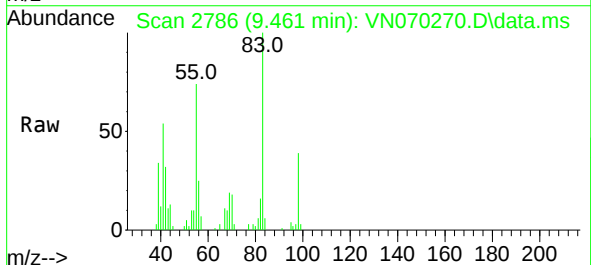


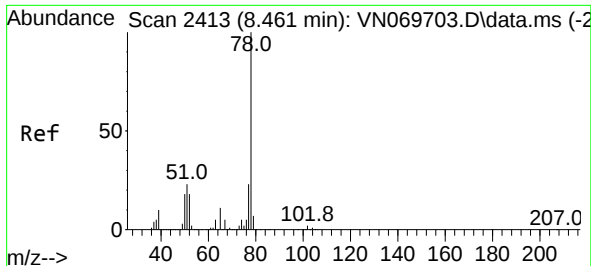
Tgt Ion:117 Resp: 85062  
Ion Ratio Lower Upper  
117 100  
119 3.9 76.1 114.1#  
121 0.0 24.2 36.2#



#39  
Methylcyclohexane  
Concen: 1.372 ug/l  
RT: 9.461 min Scan# 2786  
Delta R.T. 0.000 min  
Lab File: VN070270.D  
Acq: 21 Dec 2021 16:18

Tgt Ion: 83 Resp: 22032  
Ion Ratio Lower Upper  
83 100  
55 71.7 58.1 87.1  
98 38.9 38.4 57.6

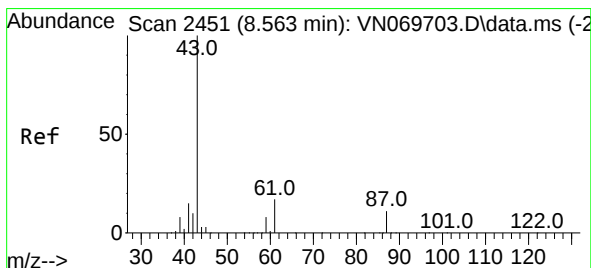
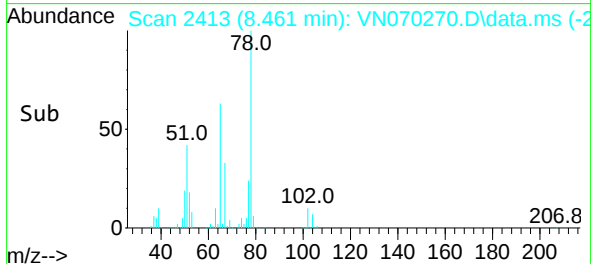
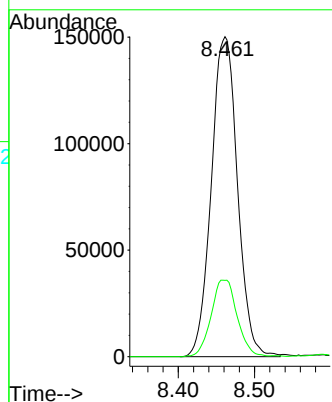
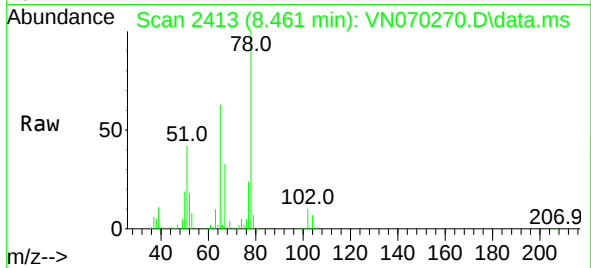




#40  
Benzene  
Concen: 8.681 ug/l  
RT: 8.461 min Scan# 2413  
Delta R.T. 0.000 min  
Lab File: VN070270.D  
Acq: 21 Dec 2021 16:18

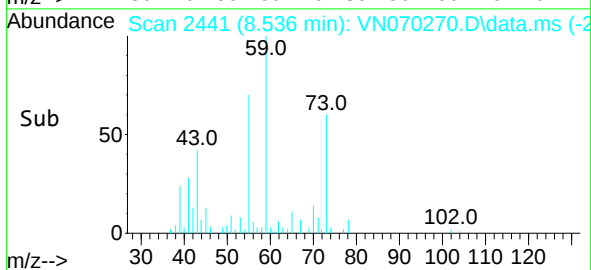
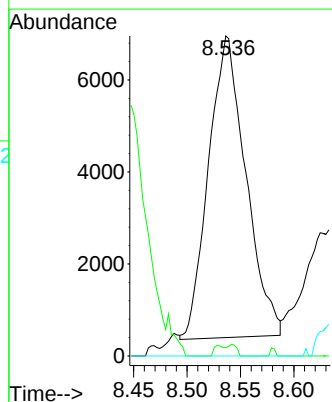
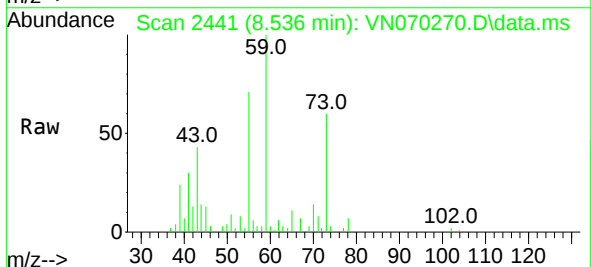
Instrument :  
MSVOA\_N  
ClientSampleId :

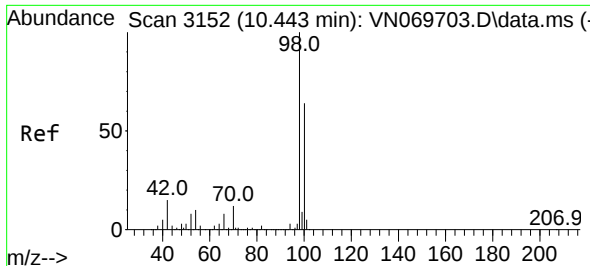
Tgt Ion: 78 Resp: 358134  
Ion Ratio Lower Upper  
78 100  
77 23.8 18.6 27.8



#43  
Isopropyl Acetate  
Concen: 0.535 ug/l  
RT: 8.536 min Scan# 2441  
Delta R.T. -0.027 min  
Lab File: VN070270.D  
Acq: 21 Dec 2021 16:18

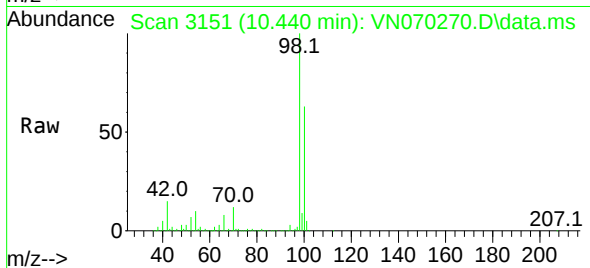
Tgt Ion: 43 Resp: 15903  
Ion Ratio Lower Upper  
43 100  
61 0.0 20.4 30.6#  
87 0.0 11.2 16.8#



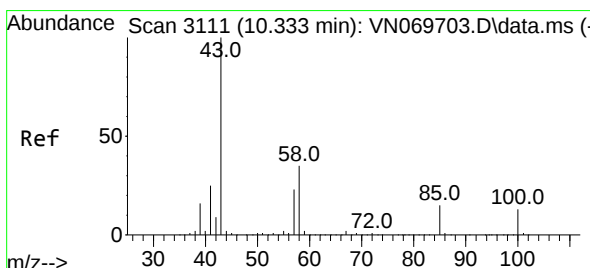
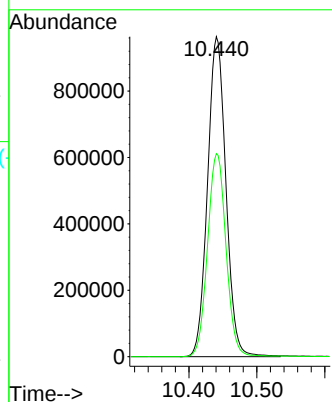
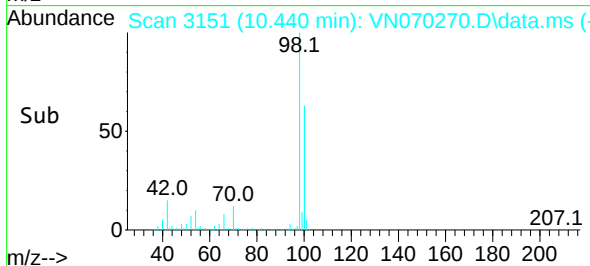


#50  
Toluene-d8  
Concen: 50.835 ug/l  
RT: 10.440 min Scan# 3151  
Delta R.T. -0.003 min  
Lab File: VN070270.D  
Acq: 21 Dec 2021 16:18

Instrument :  
MSVOA\_N  
ClientSampleId :

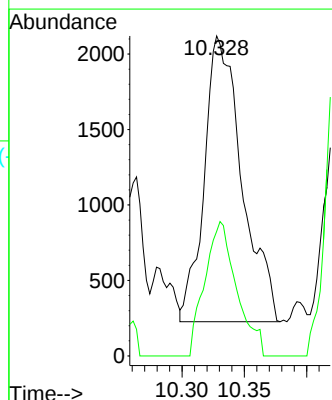
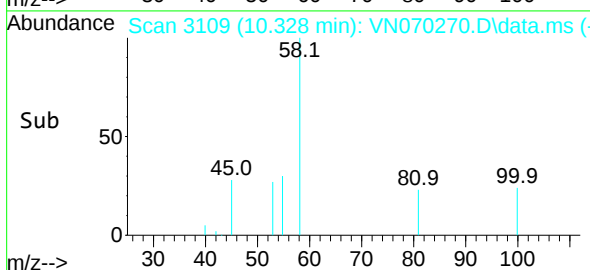
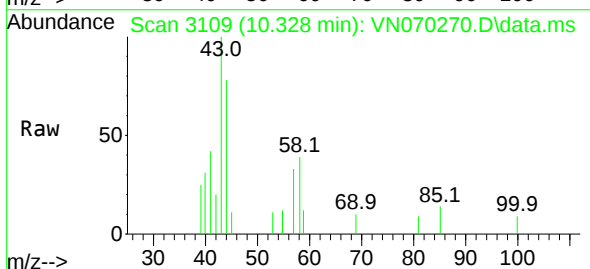


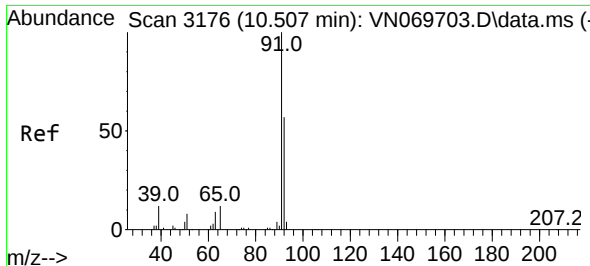
Tgt Ion: 98 Resp: 1812687  
Ion Ratio Lower Upper  
98 100  
100 63.8 50.4 75.6



#51  
4-Methyl-2-Pentanone  
Concen: 0.207 ug/l  
RT: 10.328 min Scan# 3109  
Delta R.T. -0.005 min  
Lab File: VN070270.D  
Acq: 21 Dec 2021 16:18

Tgt Ion: 43 Resp: 3984  
Ion Ratio Lower Upper  
43 100  
58 39.7 30.4 45.6

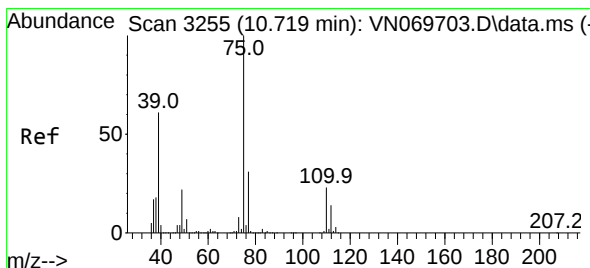
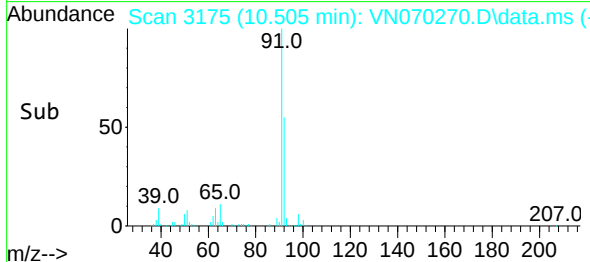
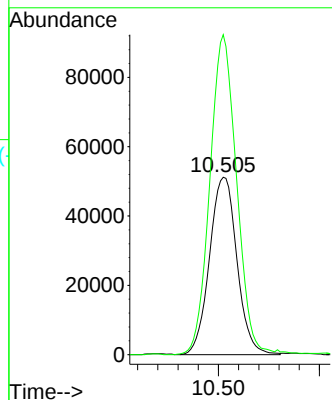
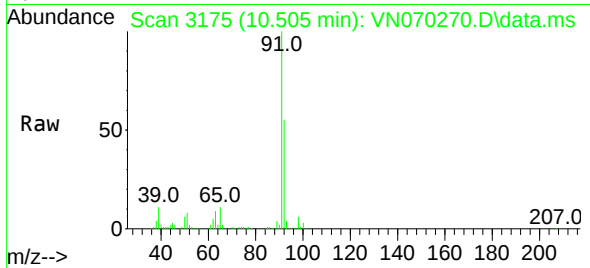




#52  
Toluene  
Concen: 3.836 ug/l  
RT: 10.505 min Scan# 3175  
Delta R.T. -0.003 min  
Lab File: VN070270.D  
Acq: 21 Dec 2021 16:18

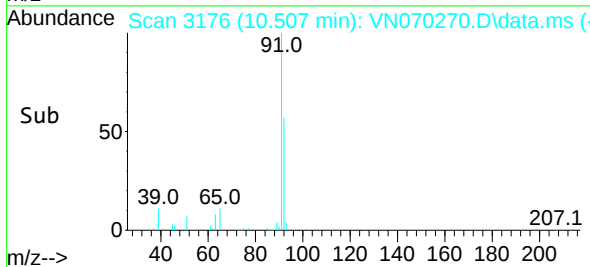
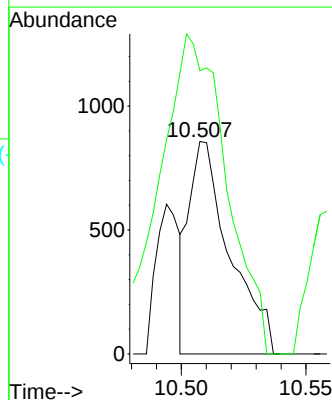
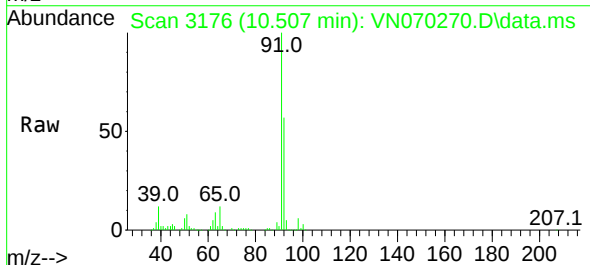
Instrument :  
MSVOA\_N  
ClientSampleId :

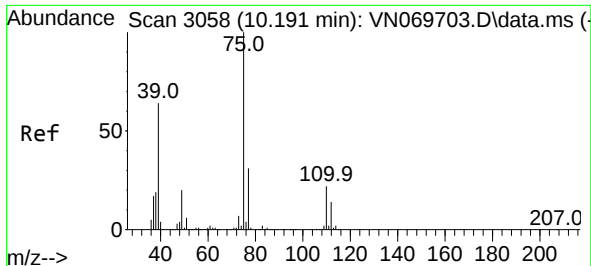
Tgt Ion: 92 Resp: 96613  
Ion Ratio Lower Upper  
92 100  
91 175.0 142.0 213.0



#53  
t-1,3-Dichloropropene  
Concen: 2.850 ug/l  
RT: 10.507 min Scan# 3176  
Delta R.T. -0.212 min  
Lab File: VN070270.D  
Acq: 21 Dec 2021 16:18

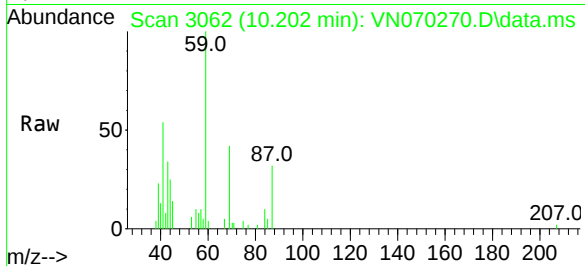
Tgt Ion: 75 Resp: 978  
Ion Ratio Lower Upper  
75 100  
77 133.4 25.6 38.4#



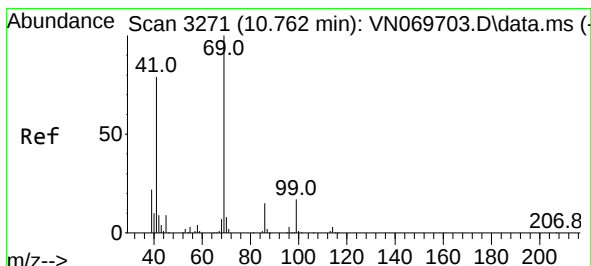
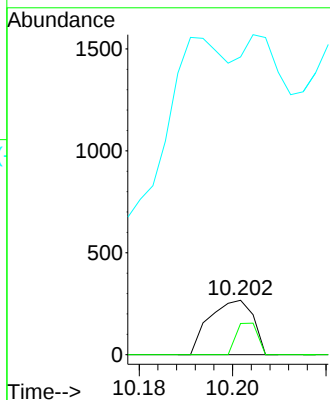
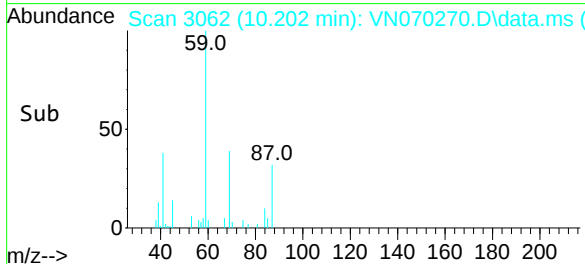


#54  
 cis-1,3-Dichloropropene  
 Concen: 2.008 ug/l  
 RT: 10.202 min Scan# 3058  
 Delta R.T. 0.011 min  
 Lab File: VN070270.D  
 Acq: 21 Dec 2021 16:18

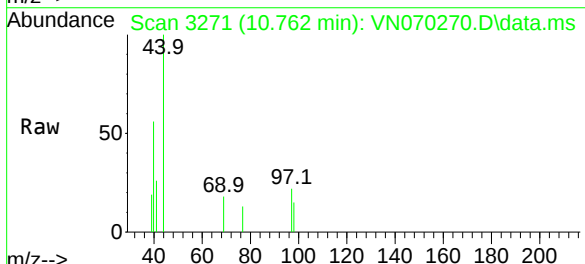
Instrument :  
 MSVOA\_N  
 ClientSampleId :



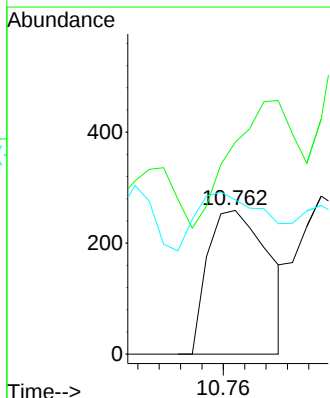
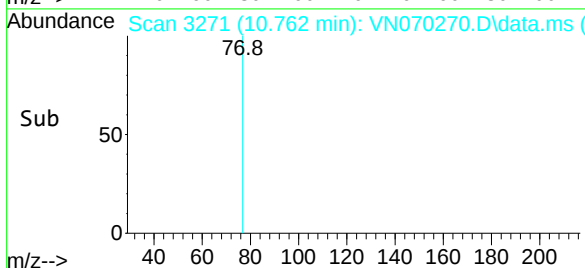
Tgt Ion: 75 Resp: 174  
 Ion Ratio Lower Upper  
 75 100  
 77 57.3 26.4 39.6#  
 39 29.6 42.5 63.7#

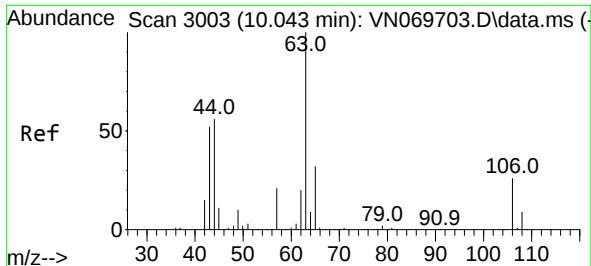


#56  
 Ethyl methacrylate  
 Concen: 2.289 ug/l  
 RT: 10.762 min Scan# 3271  
 Delta R.T. 0.000 min  
 Lab File: VN070270.D  
 Acq: 21 Dec 2021 16:18



Tgt Ion: 69 Resp: 204  
 Ion Ratio Lower Upper  
 69 100  
 41 97.5 51.4 77.0#  
 39 0.0 34.6 52.0#

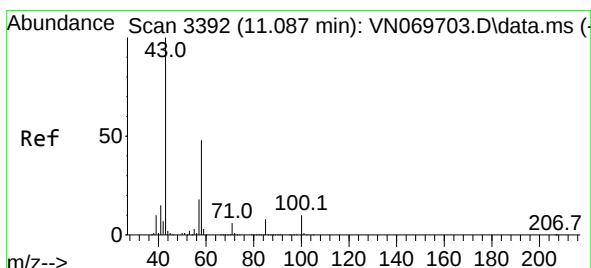
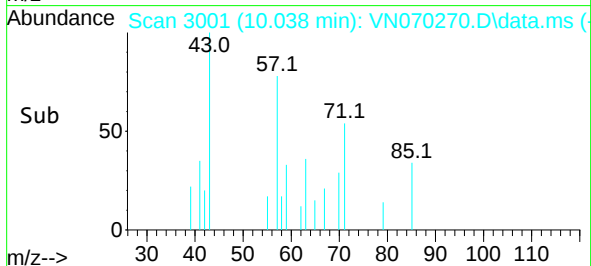
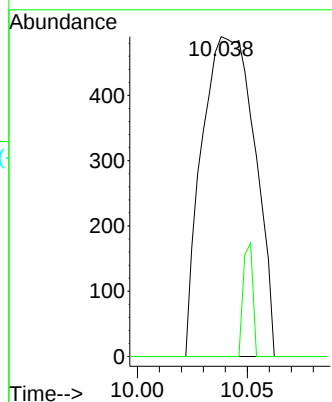
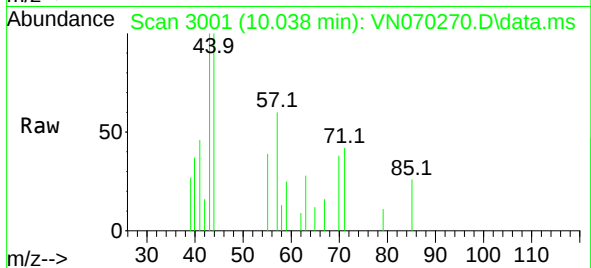




#58  
2-Chloroethyl Vinyl ether  
Concen: 18.536 ug/l  
RT: 10.038 min Scan# 3003  
Delta R.T. -0.005 min  
Lab File: VN070270.D  
Acq: 21 Dec 2021 16:18

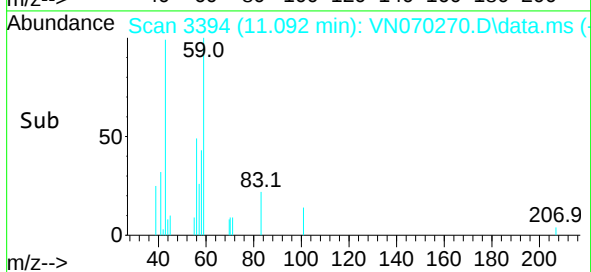
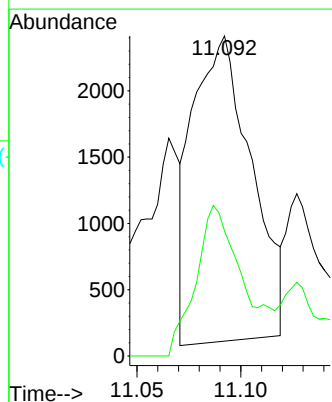
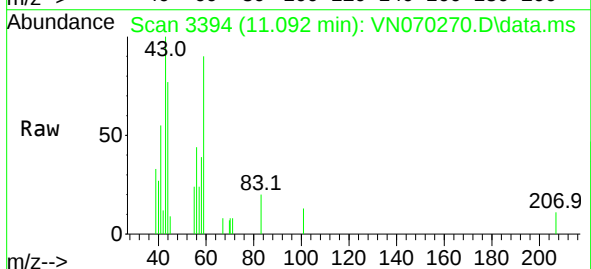
Instrument :  
MSVOA\_N  
ClientSampleId :

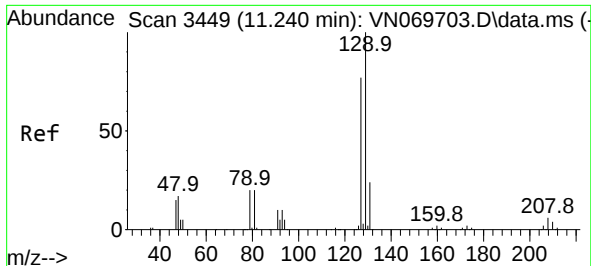
Tgt Ion: 63 Resp: 820  
Ion Ratio Lower Upper  
63 100  
106 6.5 23.9 35.9#



#59  
2-Hexanone  
Concen: 0.311 ug/l  
RT: 11.092 min Scan# 3394  
Delta R.T. 0.005 min  
Lab File: VN070270.D  
Acq: 21 Dec 2021 16:18

Tgt Ion: 43 Resp: 4535  
Ion Ratio Lower Upper  
43 100  
58 36.0 26.9 80.7

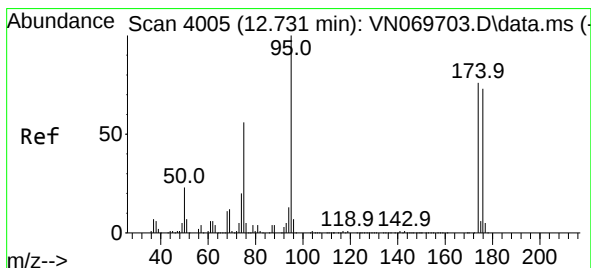
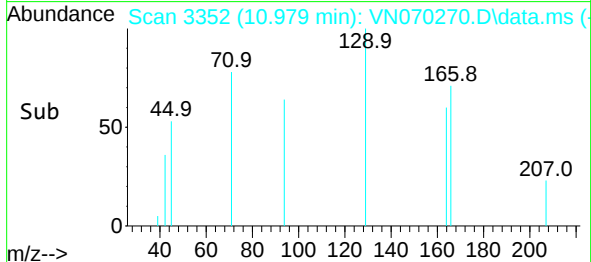
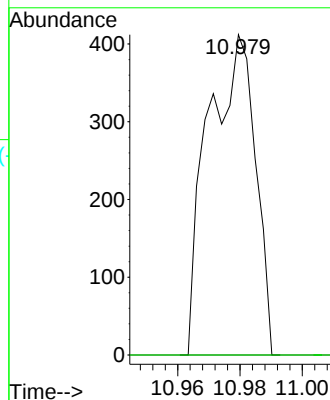
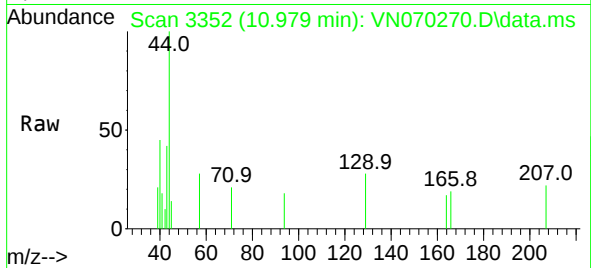




#60  
Dibromochloromethane  
Concen: 2.414 ug/l  
RT: 10.979 min Scan# 311  
Delta R.T. -0.261 min  
Lab File: VN070270.D  
Acq: 21 Dec 2021 16:18

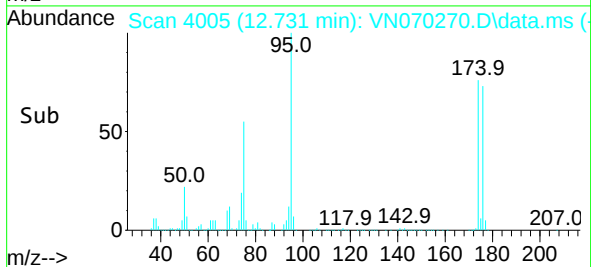
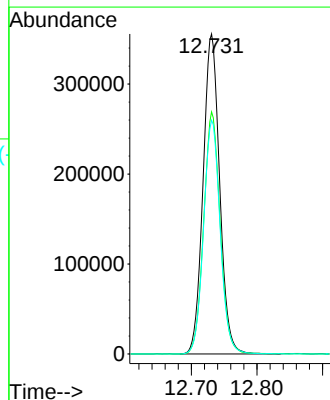
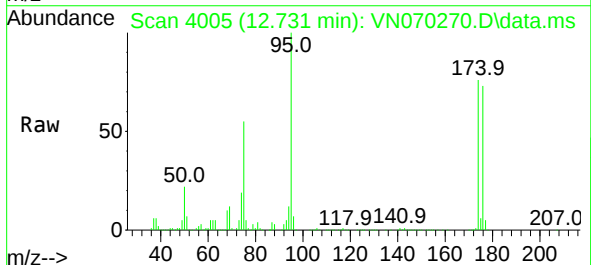
Instrument :  
MSVOA\_N  
ClientSampleId :

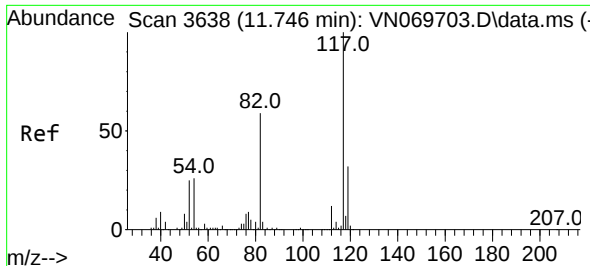
Tgt Ion:129 Resp: 432  
Ion Ratio Lower Upper  
129 100  
127 0.0 38.6 116.0#



#62  
4-Bromofluorobenzene  
Concen: 48.247 ug/l  
RT: 12.731 min Scan# 4005  
Delta R.T. -0.000 min  
Lab File: VN070270.D  
Acq: 21 Dec 2021 16:18

Tgt Ion: 95 Resp: 623262  
Ion Ratio Lower Upper  
95 100  
174 75.3 0.0 187.2  
176 73.1 0.0 181.4

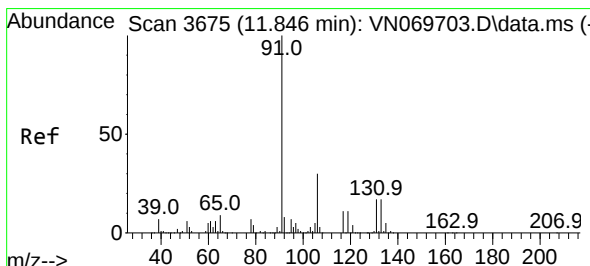
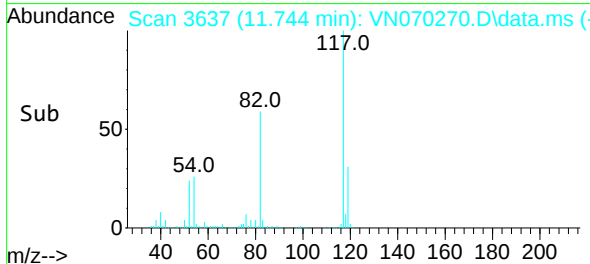
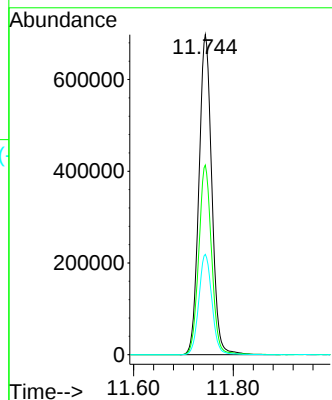
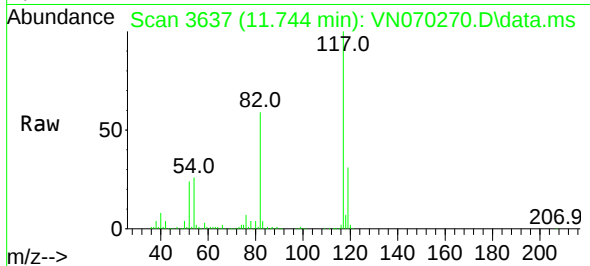




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.744 min Scan# 3638  
Delta R.T. -0.002 min  
Lab File: VN070270.D  
Acq: 21 Dec 2021 16:18

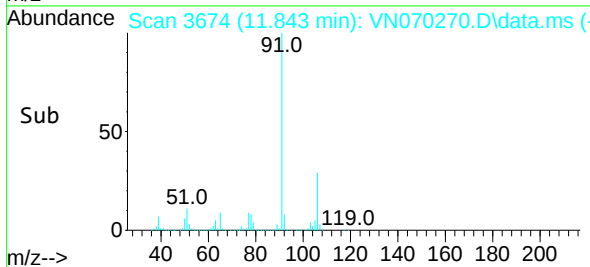
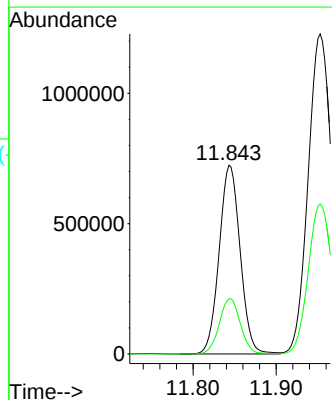
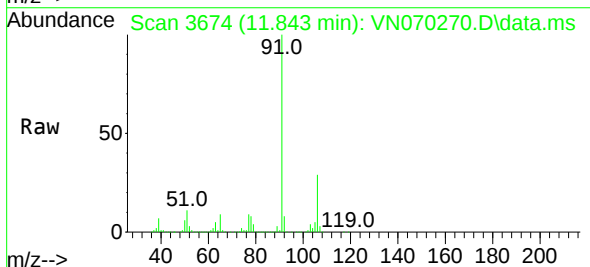
Instrument :  
MSVOA\_N  
ClientSampleId :

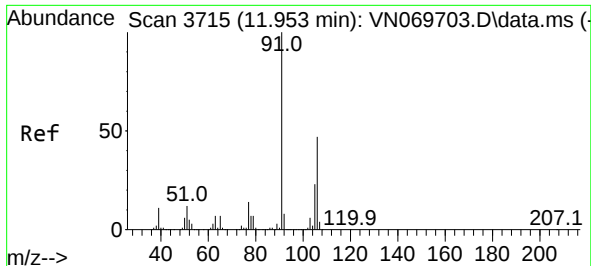
Tgt Ion:117 Resp: 1249843  
Ion Ratio Lower Upper  
117 100  
82 59.2 42.4 63.6  
119 31.4 25.4 38.2



#67  
Ethyl Benzene  
Concen: 27.644 ug/l  
RT: 11.843 min Scan# 3674  
Delta R.T. -0.003 min  
Lab File: VN070270.D  
Acq: 21 Dec 2021 16:18

Tgt Ion: 91 Resp: 1273205  
Ion Ratio Lower Upper  
91 100  
106 29.1 25.7 38.5

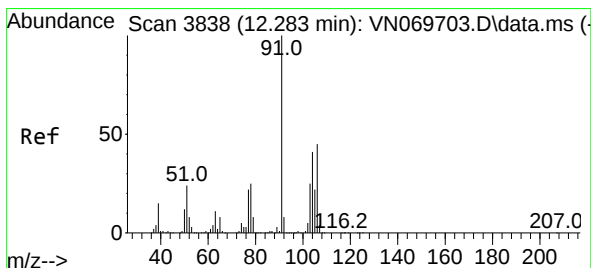
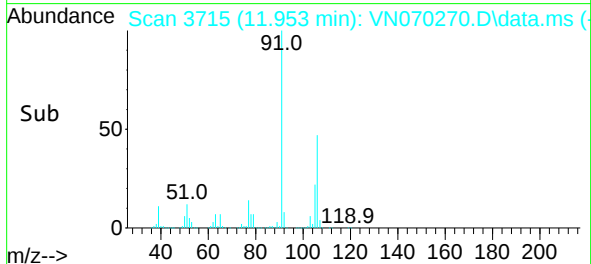
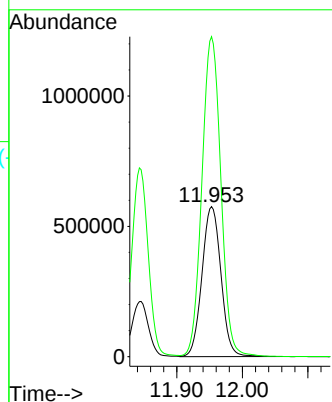
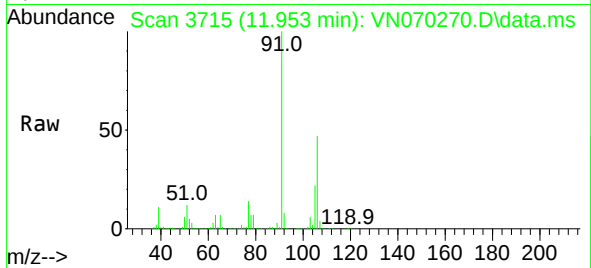




#68  
m/p-Xylenes  
Concen: 68.837 ug/l  
RT: 11.953 min Scan# 31  
Delta R.T. 0.000 min  
Lab File: VN070270.D  
Acq: 21 Dec 2021 16:18

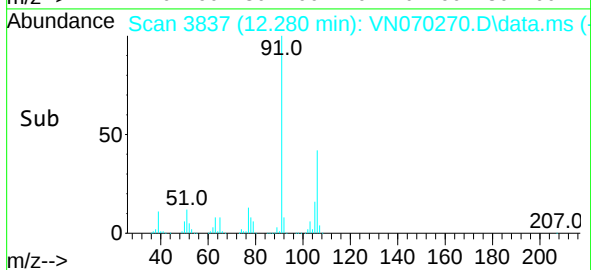
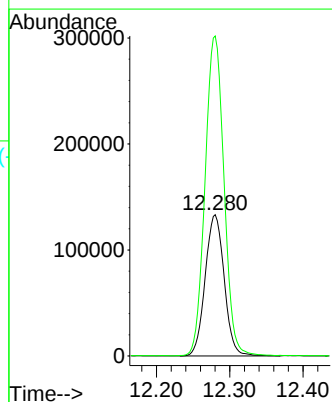
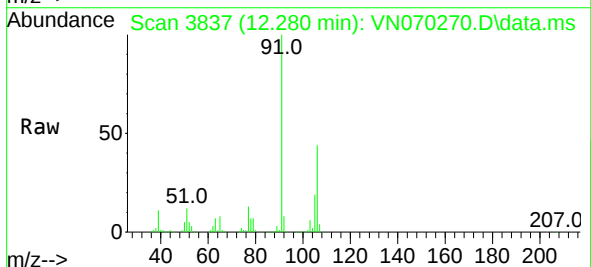
Instrument :  
MSVOA\_N  
ClientSampleId :

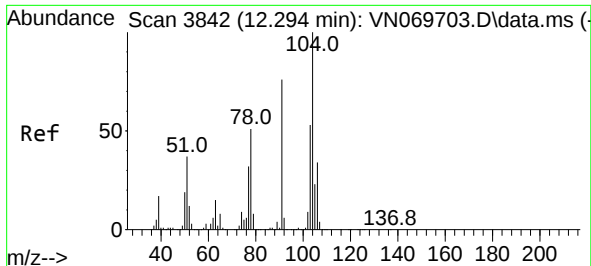
Tgt Ion:106 Resp: 1154404  
Ion Ratio Lower Upper  
106 100  
91 213.2 160.6 240.8



#69  
o-Xylene  
Concen: 14.240 ug/l  
RT: 12.280 min Scan# 3837  
Delta R.T. -0.003 min  
Lab File: VN070270.D  
Acq: 21 Dec 2021 16:18

Tgt Ion:106 Resp: 240540  
Ion Ratio Lower Upper  
106 100  
91 225.3 105.8 317.3

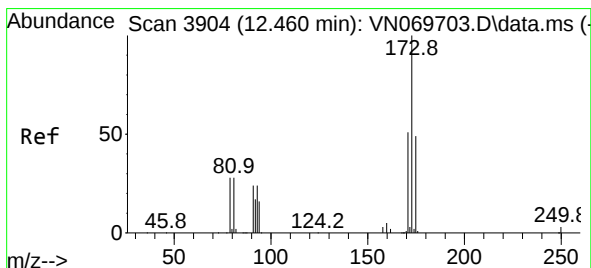
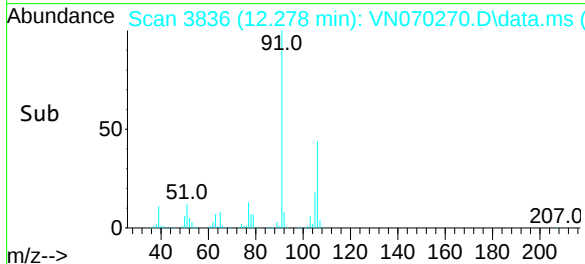
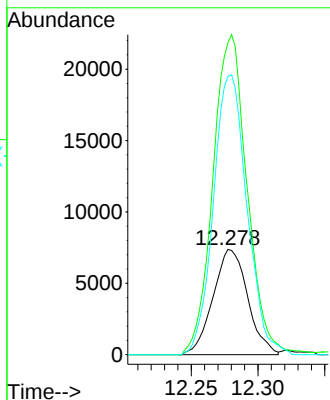
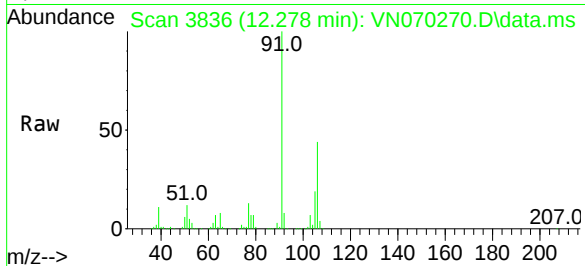




#70  
Styrene  
Concen: 0.498 ug/l  
RT: 12.278 min Scan# 31  
Delta R.T. -0.016 min  
Lab File: VN070270.D  
Acq: 21 Dec 2021 16:18

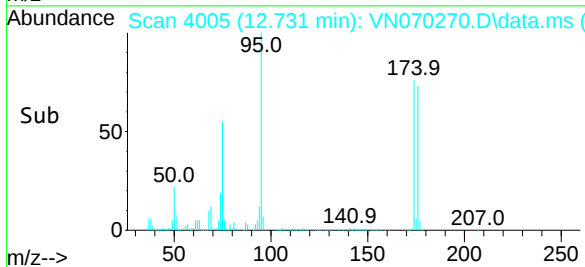
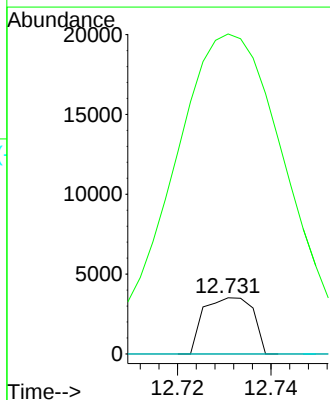
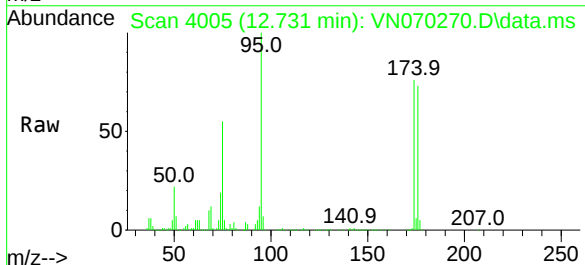
Instrument :  
MSVOA\_N  
ClientSampleId :

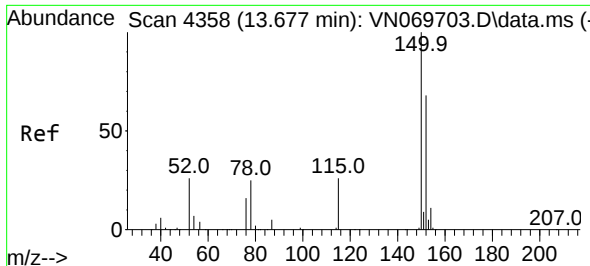
Tgt Ion:104 Resp: 13327  
Ion Ratio Lower Upper  
104 100  
78 299.4 38.7 58.1#  
103 257.2 45.0 67.6#



#71  
Bromoform  
Concen: 3.050 ug/l  
RT: 12.731 min Scan# 4005  
Delta R.T. 0.271 min  
Lab File: VN070270.D  
Acq: 21 Dec 2021 16:18

Tgt Ion:173 Resp: 2577  
Ion Ratio Lower Upper  
173 100  
175 1299.1 24.2 72.6#  
254 0.0 0.0 0.0

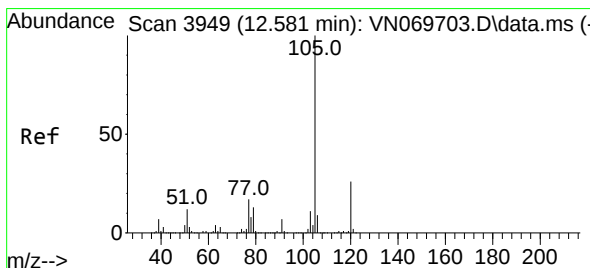
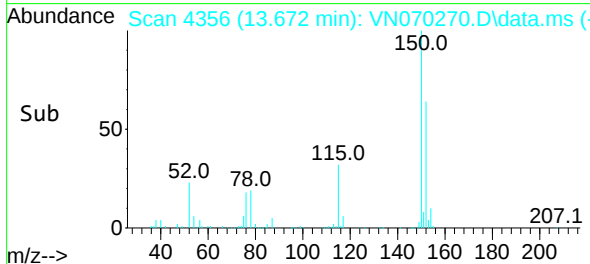
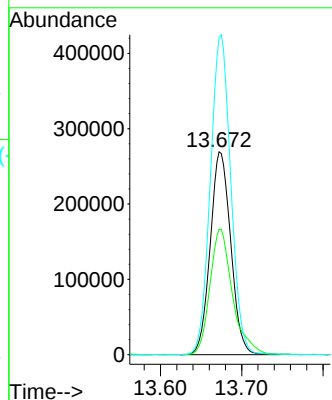
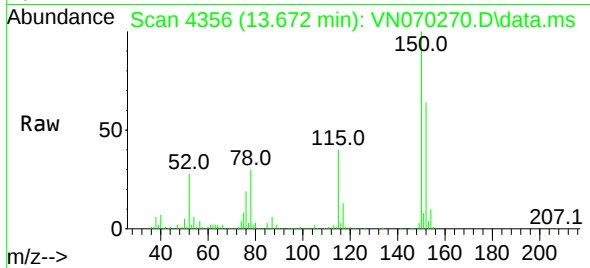




#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.672 min Scan# 41  
Delta R.T. -0.005 min  
Lab File: VN070270.D  
Acq: 21 Dec 2021 16:18

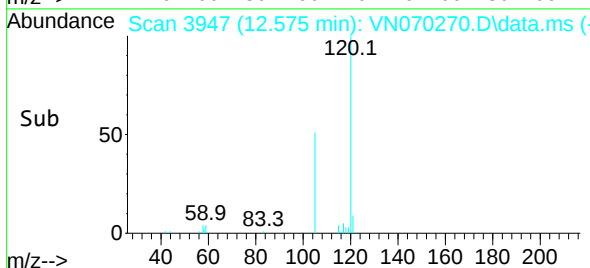
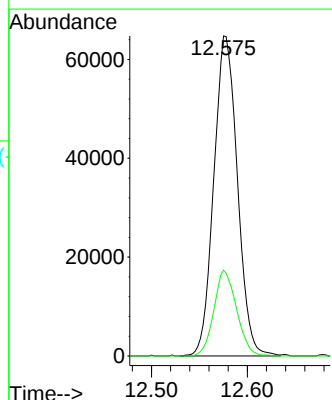
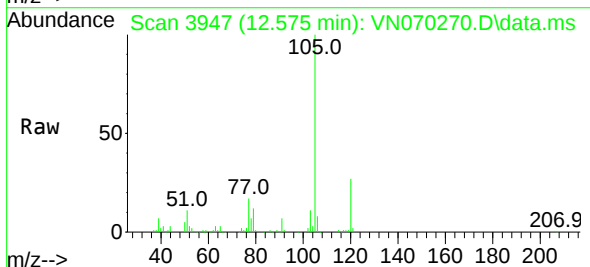
Instrument :  
MSVOA\_N  
ClientSampleId :

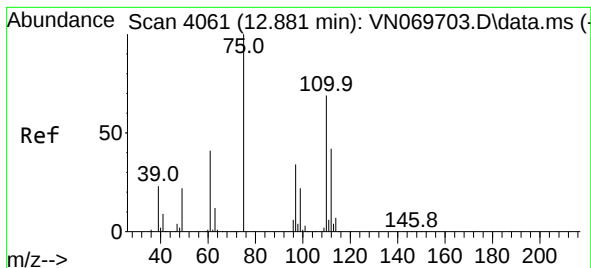
Tgt Ion:152 Resp: 472832  
Ion Ratio Lower Upper  
152 100  
115 67.8 27.5 82.5  
150 156.4 0.0 344.4



#73  
Isopropylbenzene  
Concen: 2.633 ug/l  
RT: 12.575 min Scan# 3947  
Delta R.T. -0.005 min  
Lab File: VN070270.D  
Acq: 21 Dec 2021 16:18

Tgt Ion:105 Resp: 110782  
Ion Ratio Lower Upper  
105 100  
120 25.7 13.4 40.1





#76

1,2,3-Trichloropropane

Concen: 25.311 ug/l

RT: 12.731 min Scan# 4061

Delta R.T. -0.150 min

Lab File: VN070270.D

Acq: 21 Dec 2021 16:18

Instrument :

MSVOA\_N

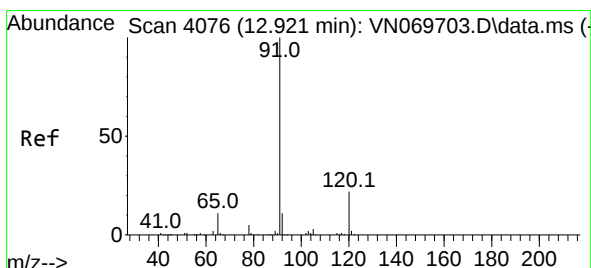
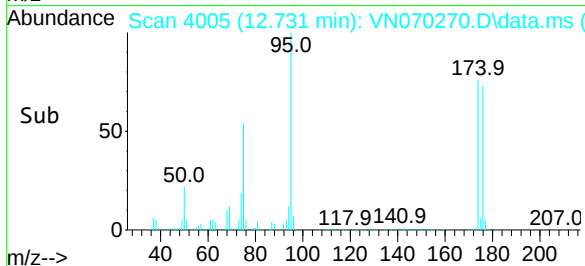
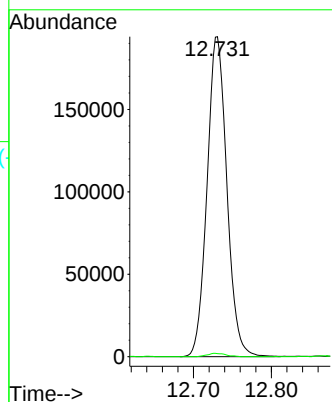
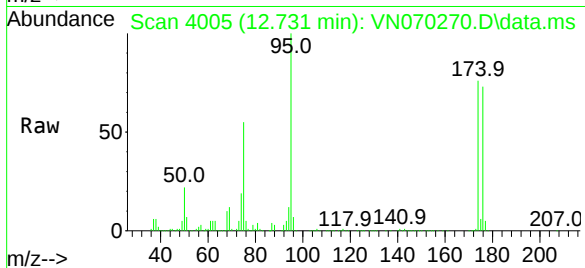
ClientSampleId :

Tgt Ion: 75 Resp: 343217

Ion Ratio Lower Upper

75 100

77 1.0 82.6 247.8#



#78

n-propylbenzene

Concen: 6.027 ug/l

RT: 12.919 min Scan# 4075

Delta R.T. -0.003 min

Lab File: VN070270.D

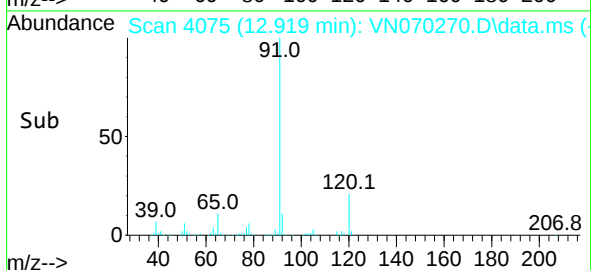
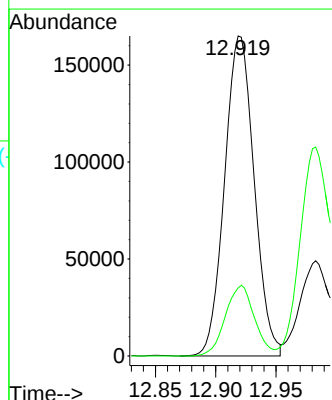
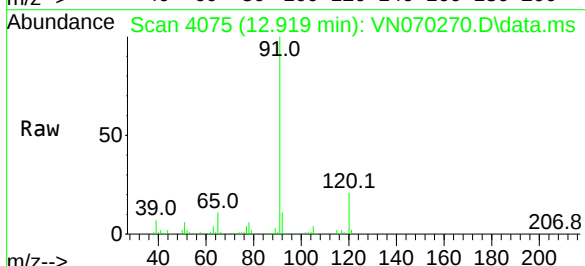
Acq: 21 Dec 2021 16:18

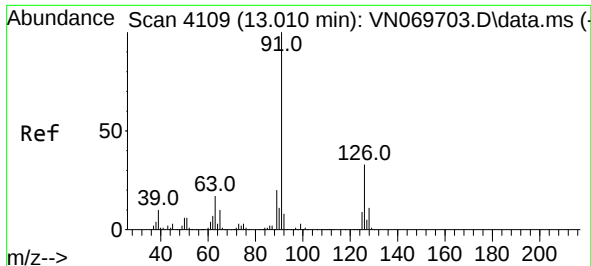
Tgt Ion: 91 Resp: 282127

Ion Ratio Lower Upper

91 100

120 21.7 11.9 35.9





#79

2-Chlorotoluene

Concen: 1.737 ug/l

RT: 13.015 min Scan# 4109

Delta R.T. 0.005 min

Lab File: VN070270.D

Acq: 21 Dec 2021 16:18

Instrument :

MSVOA\_N

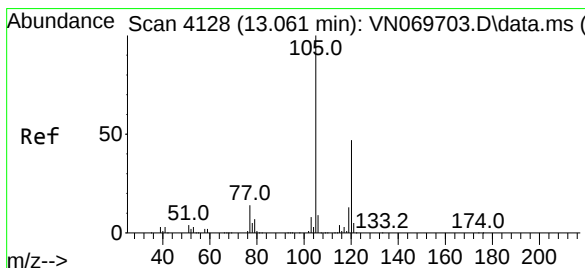
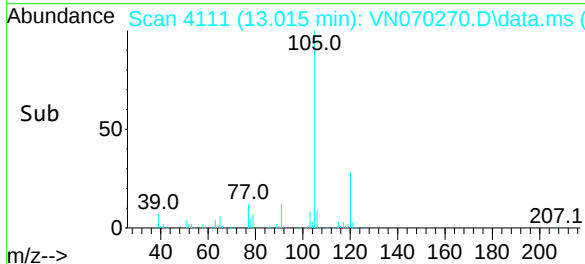
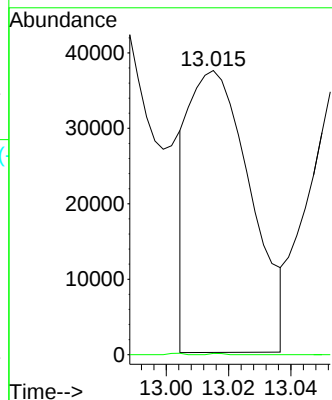
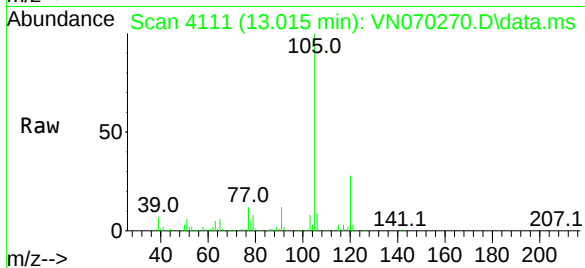
ClientSampleId :

Tgt Ion: 91 Resp: 51367

Ion Ratio Lower Upper

91 100

126 0.1 18.3 54.8#



#80

1,3,5-Trimethylbenzene

Concen: 16.657 ug/l

RT: 13.058 min Scan# 4127

Delta R.T. -0.003 min

Lab File: VN070270.D

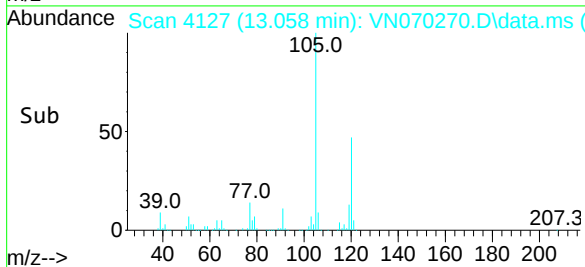
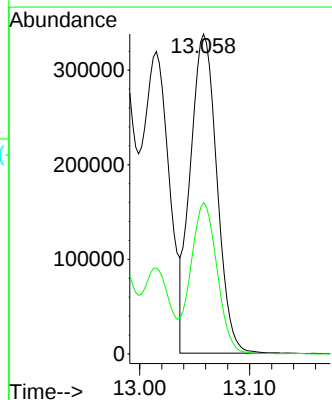
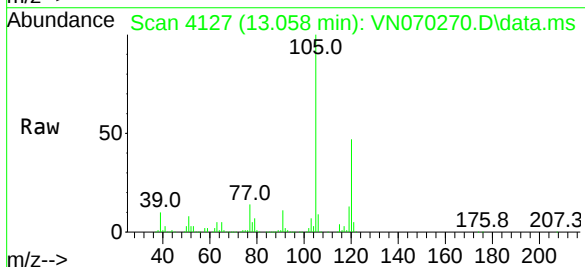
Acq: 21 Dec 2021 16:18

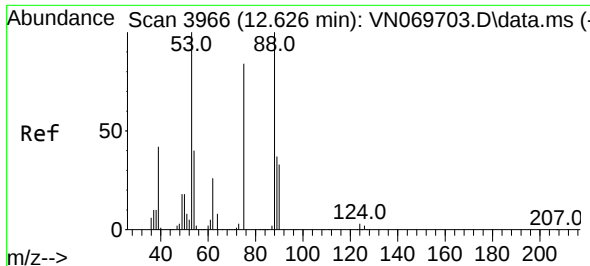
Tgt Ion: 105 Resp: 564027

Ion Ratio Lower Upper

105 100

120 47.8 24.6 73.6

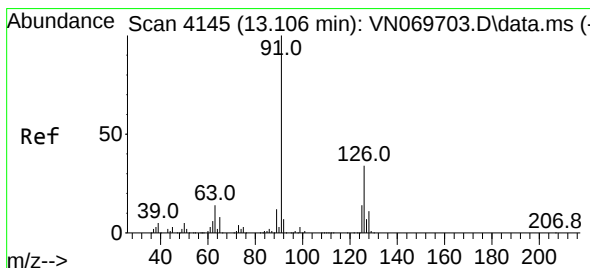
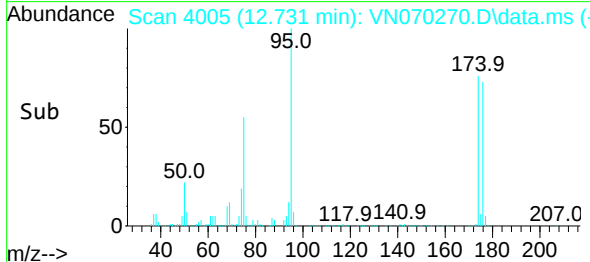
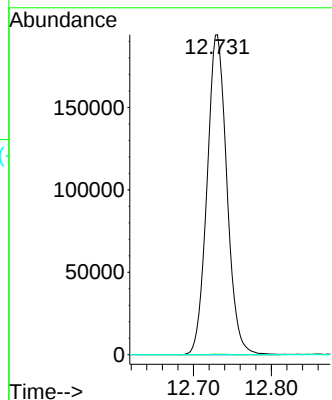
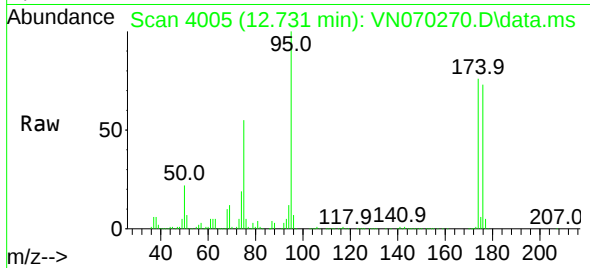




#81  
trans-1,4-Dichloro-2-butene  
Concen: 80.174 ug/l  
RT: 12.731 min Scan# 4005  
Delta R.T. 0.105 min  
Lab File: VN070270.D  
Acq: 21 Dec 2021 16:18

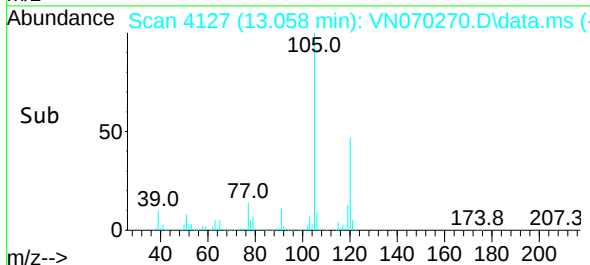
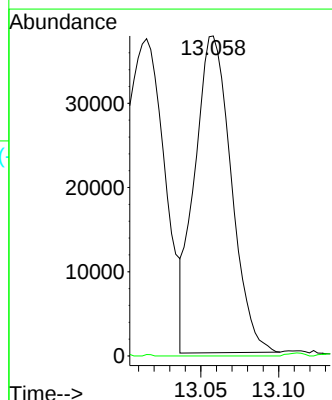
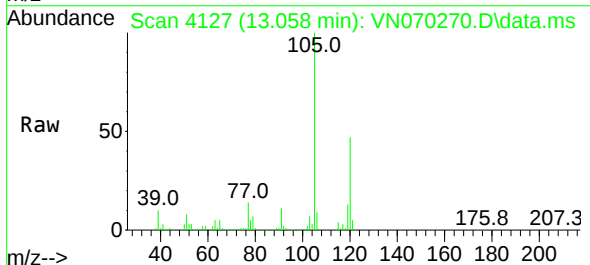
Instrument :  
MSVOA\_N  
ClientSampleId :

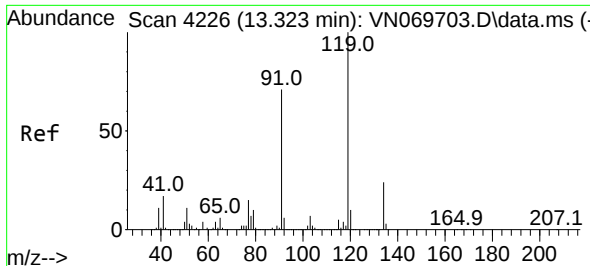
Tgt Ion: 75 Resp: 343217  
Ion Ratio Lower Upper  
75 100  
53 0.1 90.5 135.7#  
89 0.0 38.2 57.4#



#82  
4-Chlorotoluene  
Concen: 2.208 ug/l  
RT: 13.058 min Scan# 4127  
Delta R.T. -0.048 min  
Lab File: VN070270.D  
Acq: 21 Dec 2021 16:18

Tgt Ion: 91 Resp: 61425  
Ion Ratio Lower Upper  
91 100  
126 0.0 18.2 54.6#

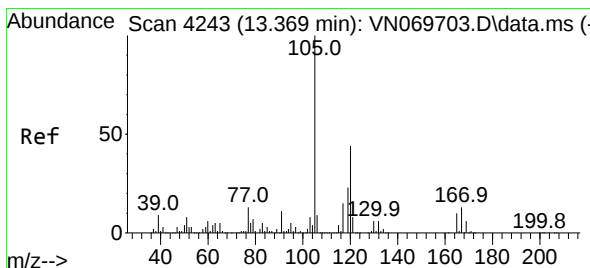
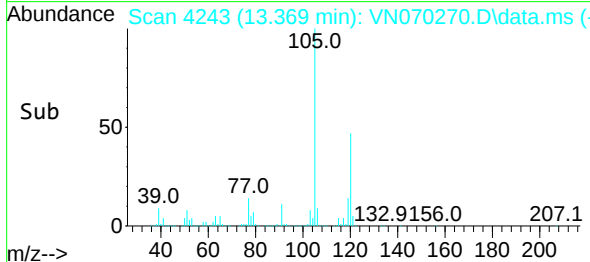
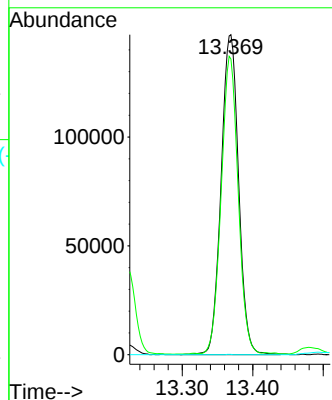
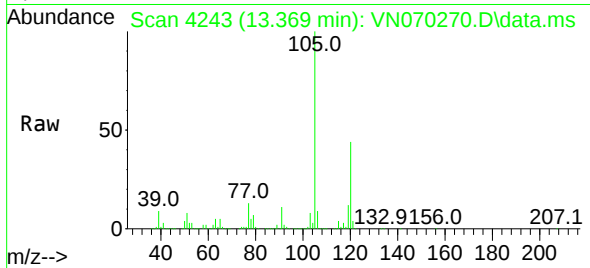




#83  
tert-Butylbenzene  
Concen: 8.444 ug/l  
RT: 13.369 min Scan# 41  
Delta R.T. 0.046 min  
Lab File: VN070270.D  
Acq: 21 Dec 2021 16:18

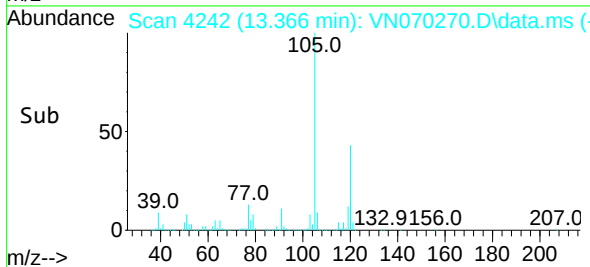
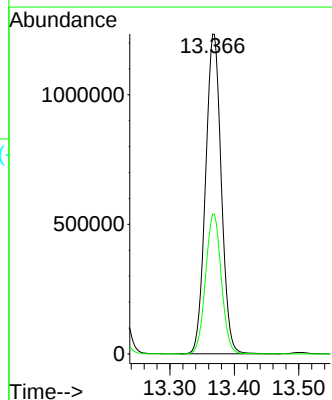
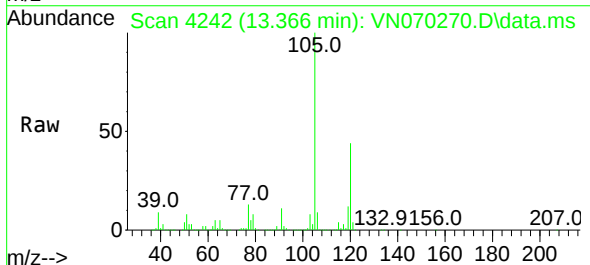
Instrument :  
MSVOA\_N  
ClientSampleId :

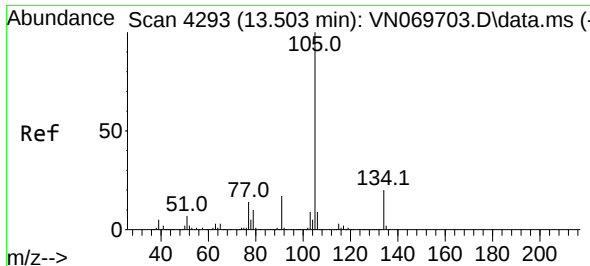
Tgt Ion:119 Resp: 253161  
Ion Ratio Lower Upper  
119 100  
91 89.8 31.5 94.5  
134 0.0 12.4 37.4#



#84  
1,2,4-Trimethylbenzene  
Concen: 64.696 ug/l  
RT: 13.366 min Scan# 4242  
Delta R.T. -0.003 min  
Lab File: VN070270.D  
Acq: 21 Dec 2021 16:18

Tgt Ion:105 Resp: 2086277  
Ion Ratio Lower Upper  
105 100  
120 44.0 22.8 68.4

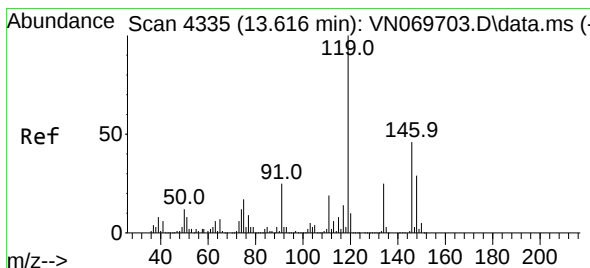
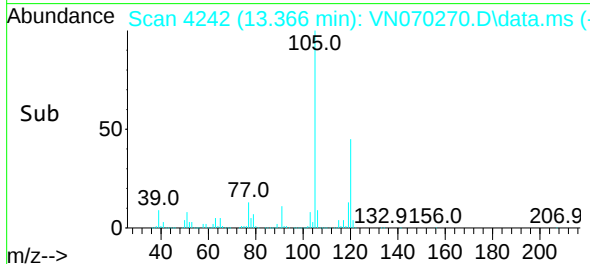
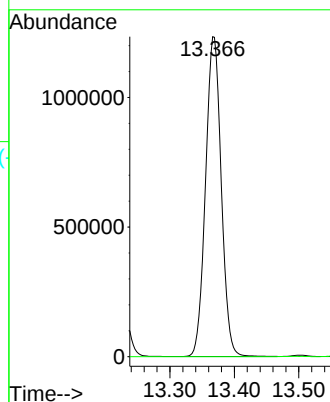
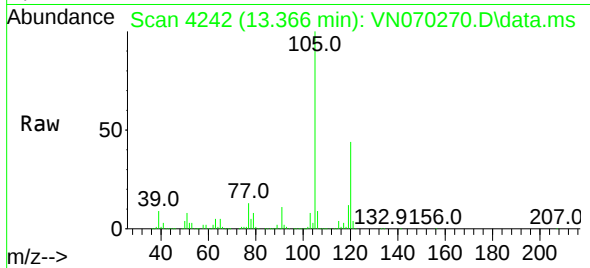




#85  
 sec-Butylbenzene  
 Concen: 51.300 ug/l  
 RT: 13.366 min Scan# 4314  
 Delta R.T. -0.137 min  
 Lab File: VN070270.D  
 Acq: 21 Dec 2021 16:18

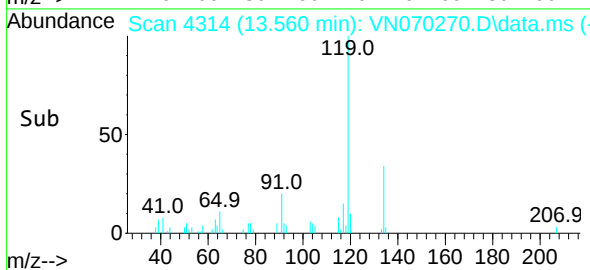
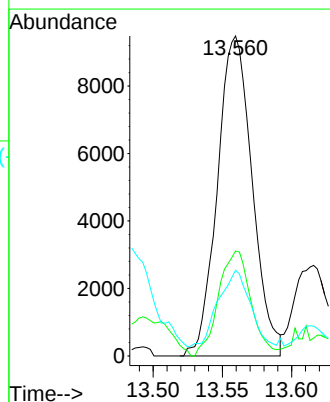
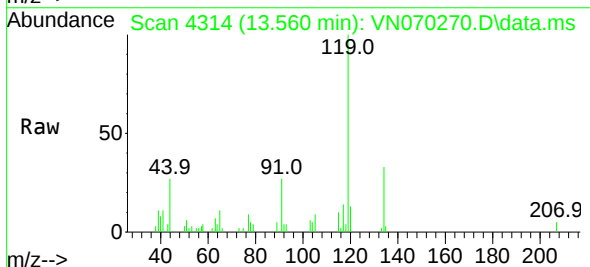
Instrument :  
 MSVOA\_N  
 ClientSampleId :

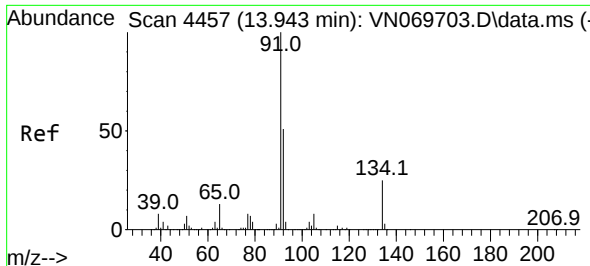
Tgt Ion:105 Resp: 2086277  
 Ion Ratio Lower Upper  
 105 100  
 134 0.0 10.4 31.1#



#86  
 p-Isopropyltoluene  
 Concen: 0.521 ug/l  
 RT: 13.560 min Scan# 4314  
 Delta R.T. -0.056 min  
 Lab File: VN070270.D  
 Acq: 21 Dec 2021 16:18

Tgt Ion:119 Resp: 16566  
 Ion Ratio Lower Upper  
 119 100  
 134 30.4 13.6 40.7  
 91 0.0 11.4 34.1#





#89

n-Butylbenzene

Concen: 4.289 ug/l

RT: 13.876 min Scan# 4457

Delta R.T. -0.067 min

Lab File: VN070270.D

Acq: 21 Dec 2021 16:18

Instrument :

MSVOA\_N

ClientSampleId :

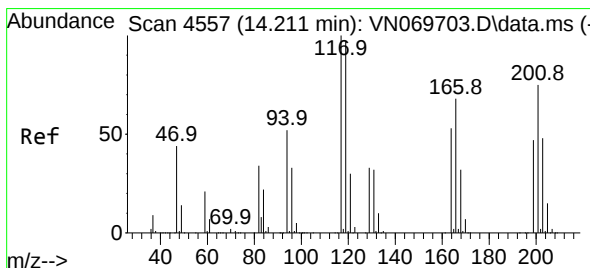
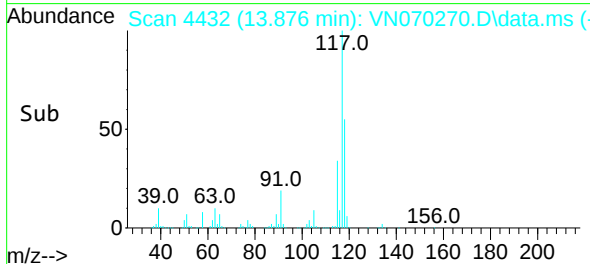
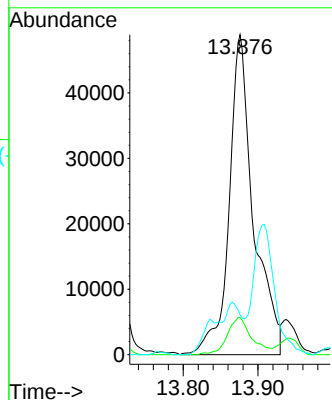
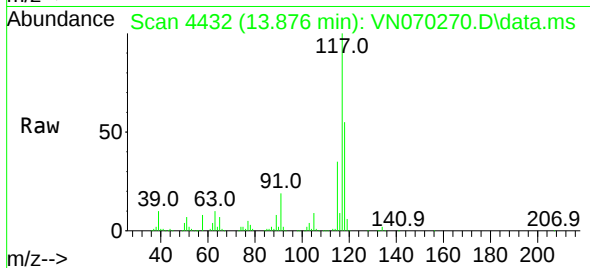
Tgt Ion: 91 Resp: 110590

Ion Ratio Lower Upper

91 100

92 11.8 25.4 76.0#

134 7.4 13.6 40.8#



#90

Hexachloroethane

Concen: 1.990 ug/l

RT: 14.217 min Scan# 4559

Delta R.T. 0.005 min

Lab File: VN070270.D

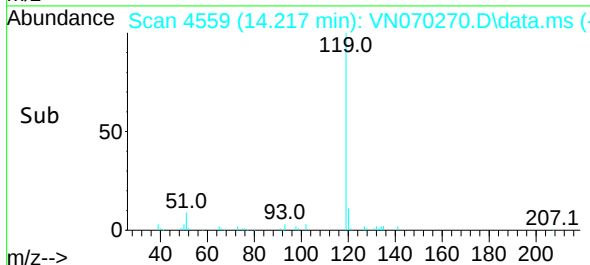
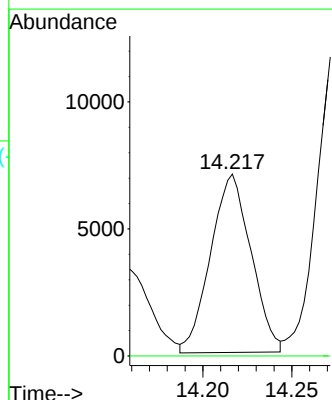
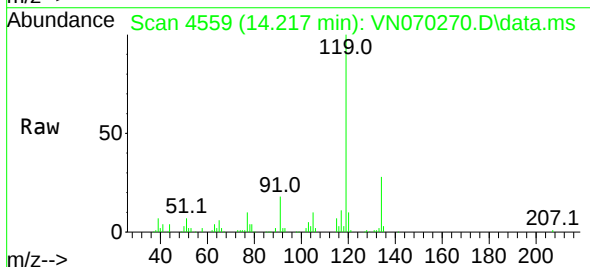
Acq: 21 Dec 2021 16:18

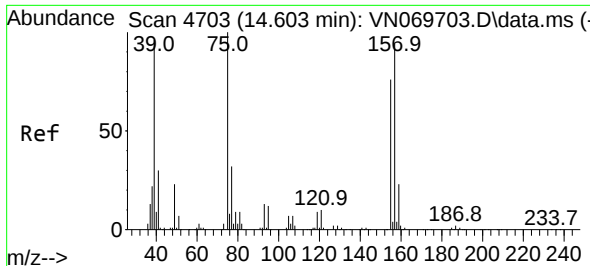
Tgt Ion: 117 Resp: 11109

Ion Ratio Lower Upper

117 100

201 0.0 43.9 131.6#

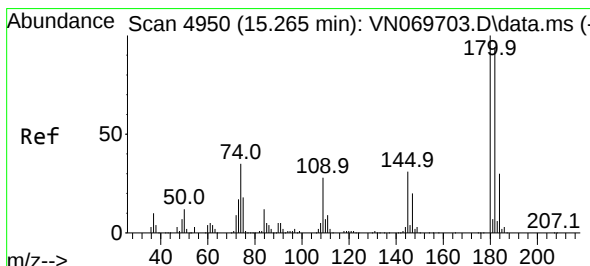
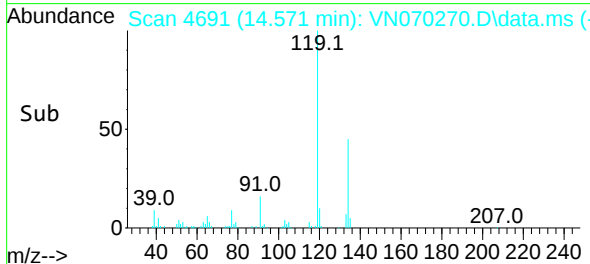
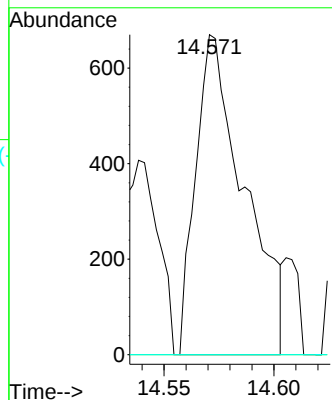
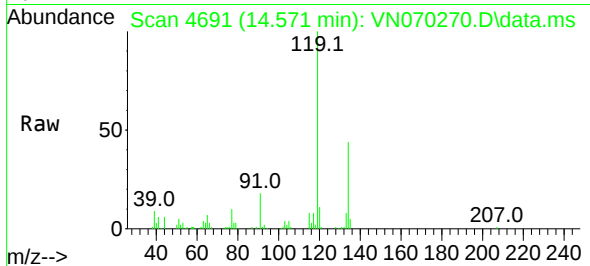




#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 0.392 ug/l  
 RT: 14.571 min Scan# 4703  
 Delta R.T. -0.032 min  
 Lab File: VN070270.D  
 Acq: 21 Dec 2021 16:18

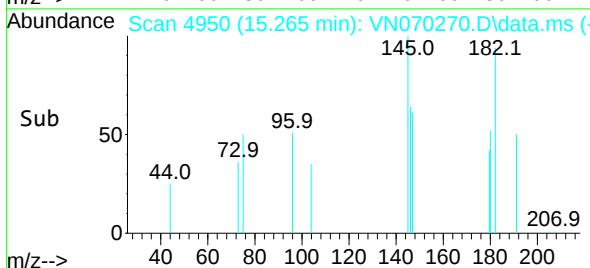
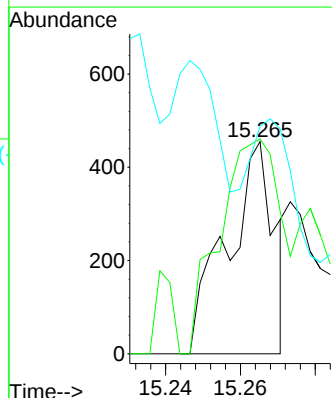
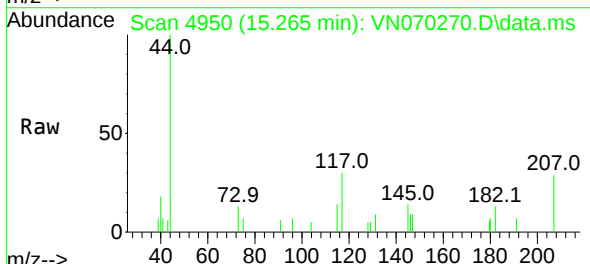
Instrument :  
 MSVOA\_N  
 ClientSampleId :

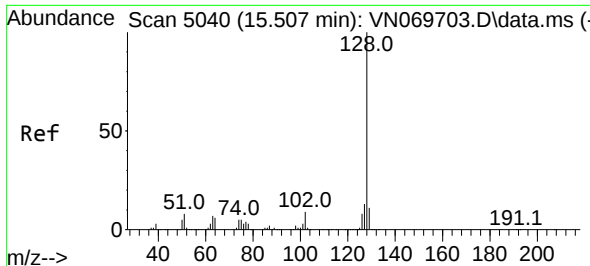
Tgt Ion: 75 Resp: 1031  
 Ion Ratio Lower Upper  
 75 100  
 155 0.0 46.9 140.7#  
 157 0.0 60.6 181.7#



#93  
 1,2,4-Trichlorobenzene  
 Concen: 2.926 ug/l  
 RT: 15.265 min Scan# 4950  
 Delta R.T. 0.000 min  
 Lab File: VN070270.D  
 Acq: 21 Dec 2021 16:18

Tgt Ion:180 Resp: 396  
 Ion Ratio Lower Upper  
 180 100  
 182 133.3 48.3 144.9  
 145 59.1 14.5 43.5#

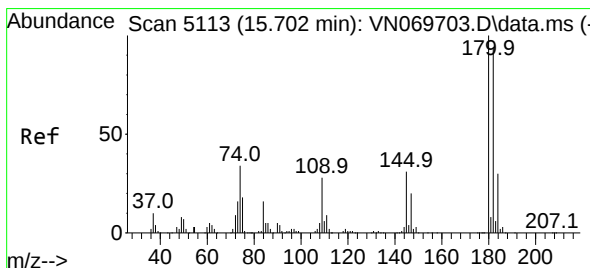
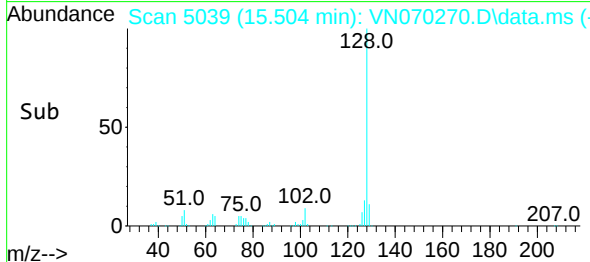
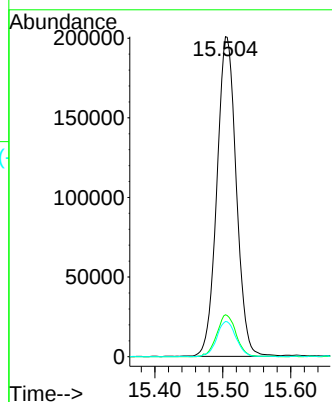
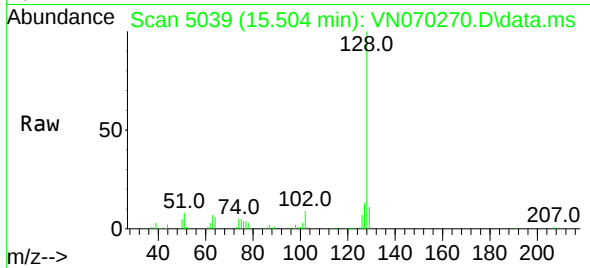




#95  
Naphthalene  
Concen: 19.783 ug/l  
RT: 15.504 min Scan# 5040  
Delta R.T. -0.003 min  
Lab File: VN070270.D  
Acq: 21 Dec 2021 16:18

Instrument :  
MSVOA\_N  
ClientSampleId :

Tgt Ion:128 Resp: 396669  
Ion Ratio Lower Upper  
128 100  
127 13.1 10.5 15.7  
129 11.0 8.7 13.1



#96  
1,2,3-Trichlorobenzene  
Concen: 2.538 ug/l  
RT: 15.705 min Scan# 5114  
Delta R.T. 0.003 min  
Lab File: VN070270.D  
Acq: 21 Dec 2021 16:18

Tgt Ion:180 Resp: 817  
Ion Ratio Lower Upper  
180 100  
182 78.9 47.4 142.2  
145 65.9 15.0 45.1#

