

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN121321\  
 Data File : VN070044.D  
 Acq On : 13 Dec 2021 21:09  
 Operator : JC/MD  
 Sample : VN1213WBL02  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Dec 14 07:28:17 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   | 909213   | 50.000   | ug/l       | 0.00     |
| 34) 1,4-Difluorobenzene       | 8.968  | 114   | 1704993  | 50.000   | ug/l       | 0.00     |
| 63) Chlorobenzene-d5          | 11.744 | 117   | 1975312  | 50.000   | ug/l       | 0.00     |
| 72) 1,4-Dichlorobenzene-d4    | 13.678 | 152   | 784343   | 50.000   | ug/l       | 0.00     |
| System Monitoring Compounds   |        |       |          |          |            |          |
| 33) 1,2-Dichloroethane-d4     | 8.440  | 65    | 732262   | 52.162   | ug/l       | 0.00     |
| Spiked Amount                 | 50.000 | Range | 61 - 141 | Recovery | = 104.320% |          |
| 35) Dibromofluoromethane      | 8.024  | 113   | 535586   | 50.150   | ug/l       | 0.00     |
| Spiked Amount                 | 50.000 | Range | 69 - 133 | Recovery | = 100.300% |          |
| 50) Toluene-d8                | 10.443 | 98    | 2253408  | 52.548   | ug/l       | 0.00     |
| Spiked Amount                 | 50.000 | Range | 65 - 126 | Recovery | = 105.100% |          |
| 62) 4-Bromofluorobenzene      | 12.731 | 95    | 951069   | 61.219   | ug/l       | 0.00     |
| Spiked Amount                 | 50.000 | Range | 58 - 135 | Recovery | = 122.440% |          |
| Target Compounds              |        |       |          |          |            |          |
|                               |        |       |          |          | Qvalue     |          |
| 3) Chloromethane              | 2.306  | 50    | 3937     | 0.296    | ug/l       | 91       |
| 11) Tert butyl alcohol        | 5.326  | 59    | 1093     | 0.412    | ug/l #     | 71       |
| 13) Acrolein                  | 4.044  | 56    | 2870     | 1.270    | ug/l       | 88       |
| 15) Acrylonitrile             | 5.570  | 53    | 4803     | 0.672    | ug/l #     | 81       |
| 16) Acetone                   | 4.299  | 43    | 10812    | 1.280    | ug/l       | 93       |
| 17) Carbon Disulfide          | 4.529  | 76    | 12539    | 0.560    | ug/l       | 99       |
| 20) Methylene Chloride        | 5.095  | 84    | 5952     | 0.530    | ug/l #     | 93       |
| 25) 2-Butanone                | 7.332  | 43    | 2789     | 0.243    | ug/l #     | 86       |
| 29) Tetrahydrofuran           | 7.699  | 42    | 3299     | 0.474    | ug/l #     | 74       |
| 31) Cyclohexane               | 8.088  | 56    | 25654    | 1.313    | ug/l #     | 47       |
| 36) 1,1-Dichloropropene       | 8.086  | 75    | 77635    | 4.783    | ug/l #     | 48       |
| 38) Carbon Tetrachloride      | 8.086  | 117   | 92295    | 5.799    | ug/l #     | 16       |
| 49) 1,4-Dioxane               | 9.574  | 88    | 585      | 1.954    | ug/l #     | 62       |
| 51) 4-Methyl-2-Pentanone      | 10.336 | 43    | 17365    | 0.749    | ug/l       | 92       |
| 53) t-1,3-Dichloropropene     | 10.719 | 75    | 2226     | 2.900    | ug/l       | 97       |
| 54) cis-1,3-Dichloropropene   | 10.194 | 75    | 1777     | 2.080    | ug/l       | 99       |
| 56) Ethyl methacrylate        | 10.762 | 69    | 1829     | 2.355    | ug/l #     | 14       |
| 58) 2-Chloroethyl Vinyl ether | 10.046 | 63    | 423      | 18.452   | ug/l #     | 45       |
| 59) 2-Hexanone                | 11.090 | 43    | 32020    | 1.825    | ug/l       | 89       |
| 60) Dibromochloromethane      | 11.240 | 129   | 400      | 2.405    | ug/l #     | 1        |
| 68) m/p-Xylenes               | 11.961 | 106   | 6816     | 0.257    | ug/l       | 93       |
| 71) Bromoform                 | 12.460 | 173   | 1379     | 2.839    | ug/l #     | 29       |
| 74) N-amyl acetate            | 12.393 | 43    | 17596    | 0.570    | ug/l       | 94       |
| 76) 1,2,3-Trichloropropane    | 12.731 | 75    | 530858   | 23.601   | ug/l #     | 1        |
| 77) Bromobenzene              | 12.857 | 156   | 4346     | 0.265    | ug/l       | 77       |
| 78) n-propylbenzene           | 12.921 | 91    | 17688    | 0.228    | ug/l       | 98       |
| 81) trans-1,4-Dichloro-2-b... | 12.731 | 75    | 530858   | 75.030   | ug/l #     | 5        |
| 84) 1,2,4-Trimethylbenzene    | 13.369 | 105   | 12591    | 0.235    | ug/l       | 97       |
| 86) p-Isopropyltoluene        | 13.621 | 119   | 12715    | 0.241    | ug/l       | 91       |
| 87) 1,3-Dichlorobenzene       | 13.613 | 146   | 11141    | 0.414    | ug/l       | 96       |
| 88) 1,4-Dichlorobenzene       | 13.613 | 146   | 11141    | 0.421    | ug/l       | 96       |
| 89) n-Butylbenzene            | 13.943 | 91    | 25035    | 0.585    | ug/l       | 95       |
| 91) 1,2-Dichlorobenzene       | 13.991 | 146   | 11761    | 0.448    | ug/l       | 96       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.600 | 75    | 4181     | 0.959    | ug/l       | 72       |
| 93) 1,2,4-Trichlorobenzene    | 15.268 | 180   | 20445    | 4.375    | ug/l       | 95       |
| 94) Hexachlorobutadiene       | 15.373 | 225   | 3288     | 0.473    | ug/l       | 85       |

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Sample : VN1213WBL02  
Misc : 5.00mL/MSVOA\_N/WATER  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :

Quant Time: Dec 14 07:28:17 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

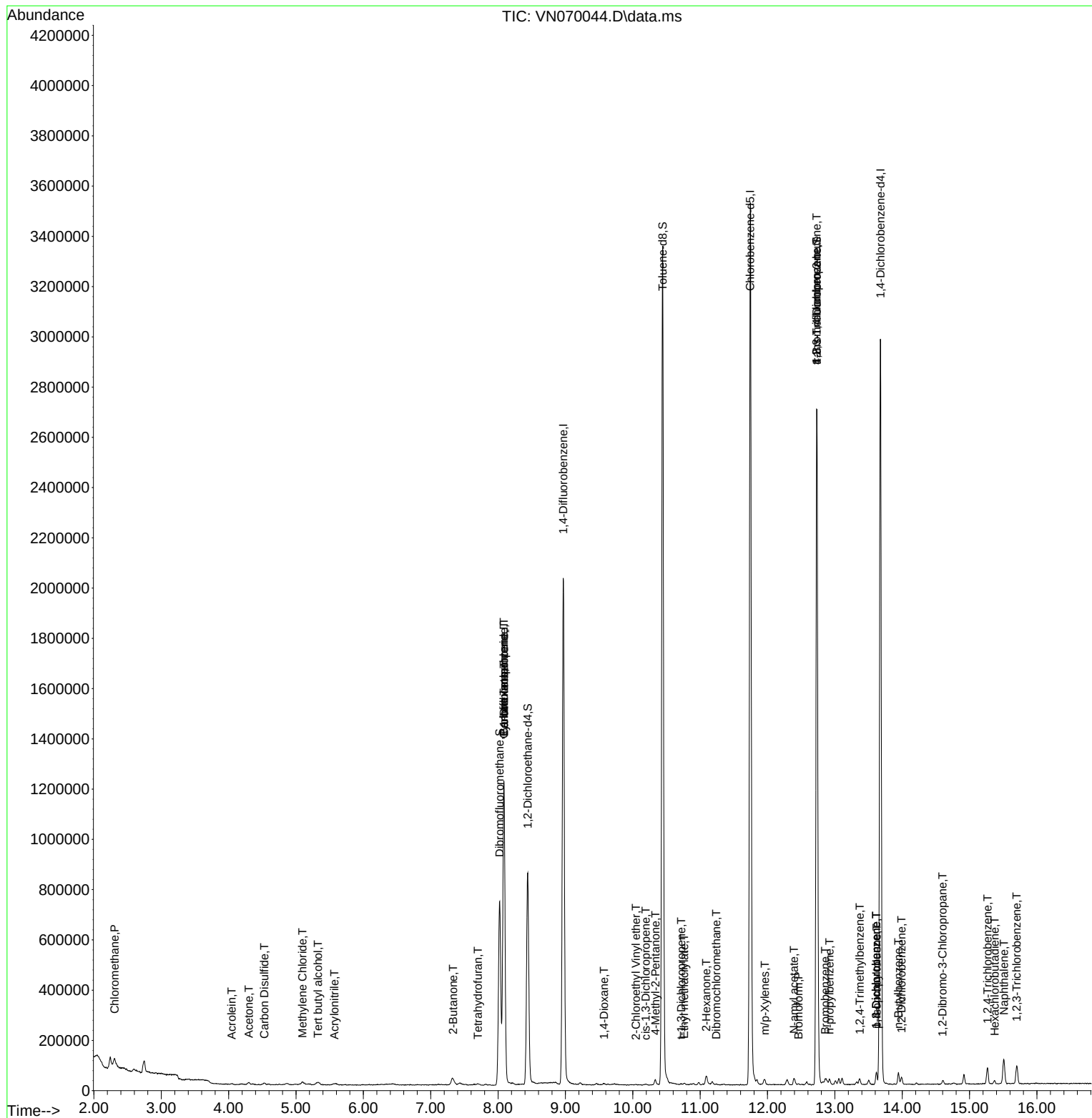
| Compound                   | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|--------|------|----------|-------|-------|----------|
| 95) Naphthalene            | 15.509 | 128  | 95605    | 6.281 | ug/l  | 99       |
| 96) 1,2,3-Trichlorobenzene | 15.700 | 180  | 25998    | 4.408 | ug/l  | 97       |

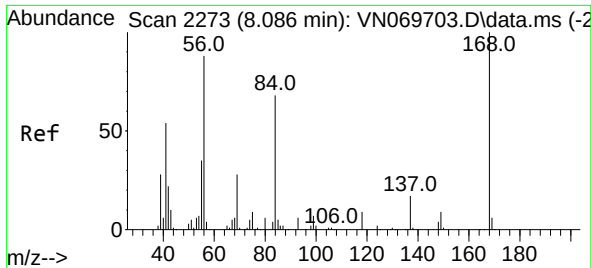
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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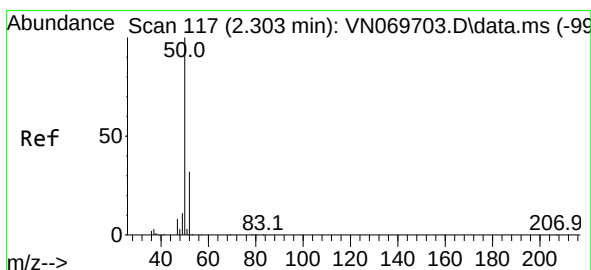
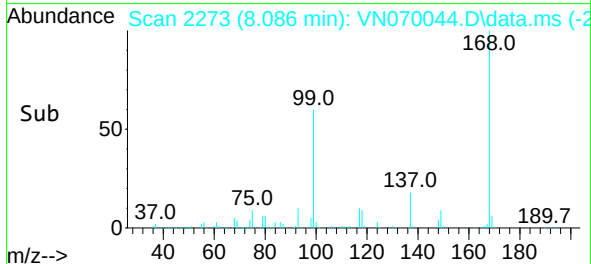
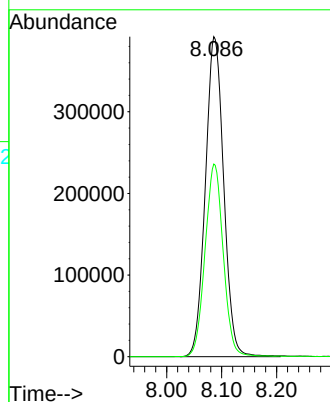
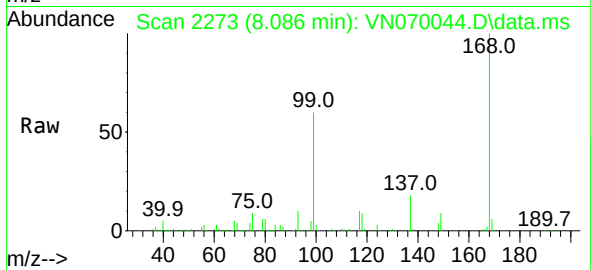




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.086 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: VN070044.D  
Acq: 13 Dec 2021 21:09

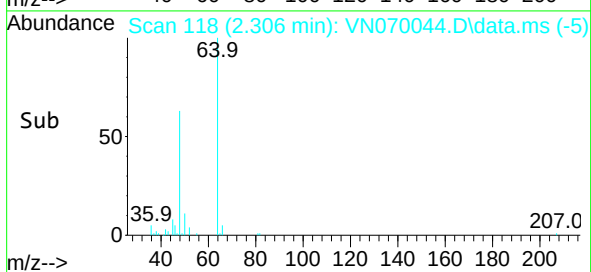
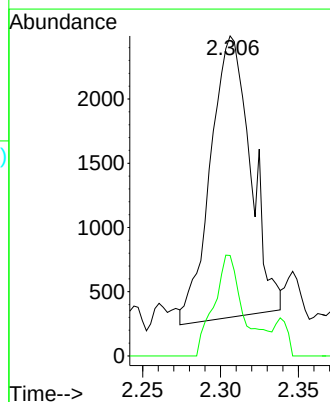
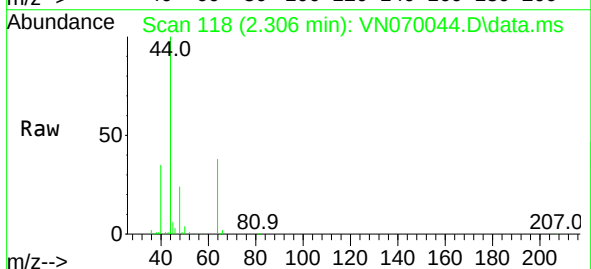
Instrument :  
MSVOA\_N  
ClientSampleId :

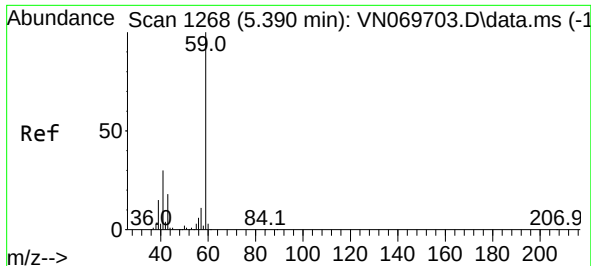
Tgt Ion:168 Resp: 909213  
Ion Ratio Lower Upper  
168 100  
99 60.1 41.3 61.9



#3  
Chloromethane  
Concen: 0.296 ug/l  
RT: 2.306 min Scan# 118  
Delta R.T. 0.003 min  
Lab File: VN070044.D  
Acq: 13 Dec 2021 21:09

Tgt Ion: 50 Resp: 3937  
Ion Ratio Lower Upper  
50 100  
52 36.7 25.4 38.0





#11

Tert butyl alcohol

Concen: 0.412 ug/l

RT: 5.326 min Scan# 11

Delta R.T. -0.064 min

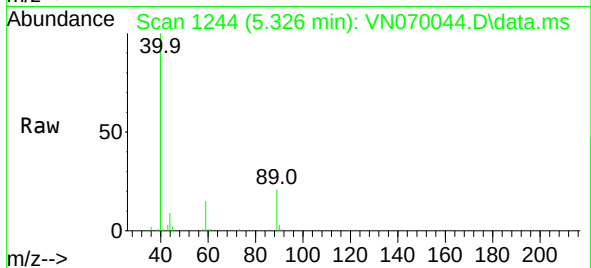
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Acq: 13 Dec 2021 21:09

Instrument :

MSVOA\_N

ClientSampleId :

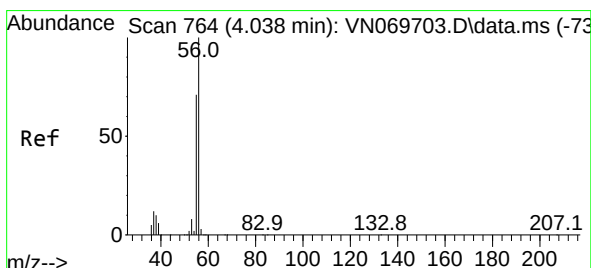
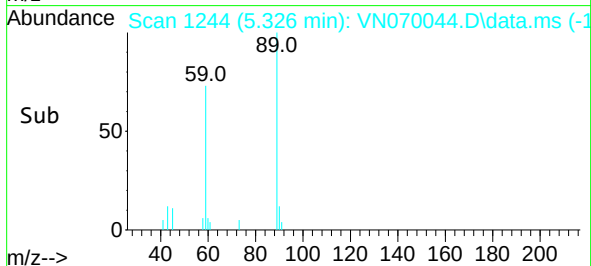
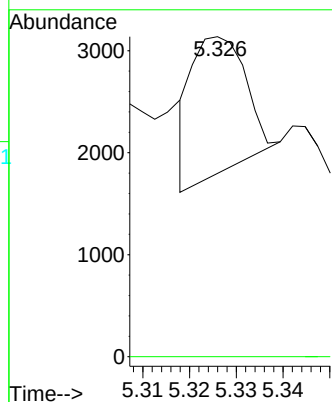


Tgt Ion: 59 Resp: 1093

Ion Ratio Lower Upper

59 100

57 0.0 8.7 13.1#



#13

Acrolein

Concen: 1.270 ug/l

RT: 4.044 min Scan# 766

Delta R.T. 0.006 min

Lab File: VN070044.D

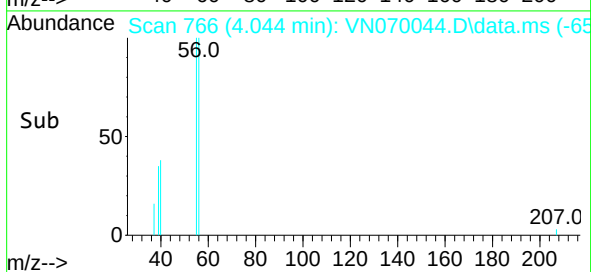
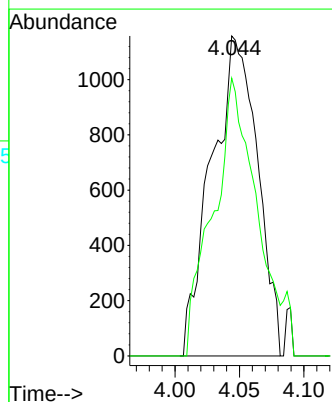
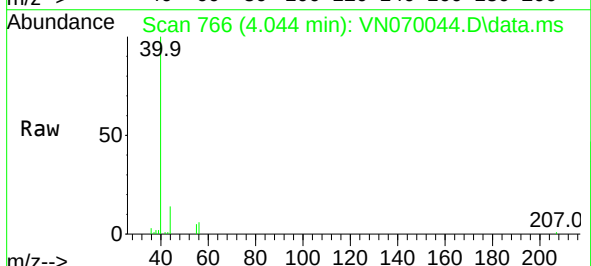
Acq: 13 Dec 2021 21:09

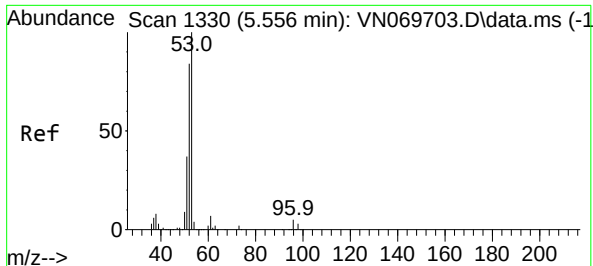
Tgt Ion: 56 Resp: 2870

Ion Ratio Lower Upper

56 100

55 80.5 56.6 85.0

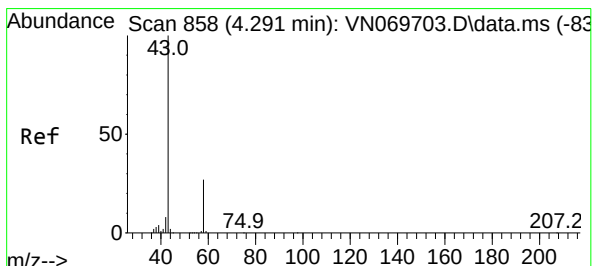
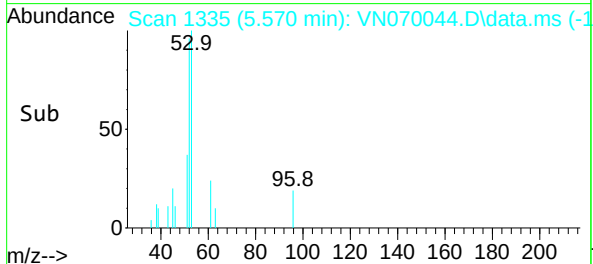
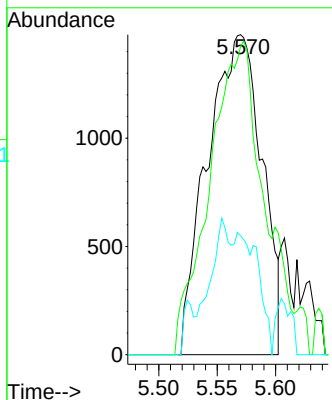
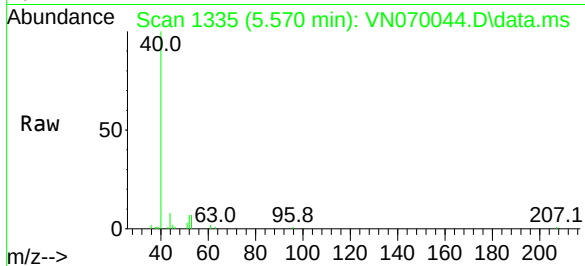




#15  
Acrylonitrile  
Concen: 0.672 ug/l  
RT: 5.570 min Scan# 11  
Delta R.T. 0.014 min  
Lab File: VN070044.D  
Acq: 13 Dec 2021 21:09

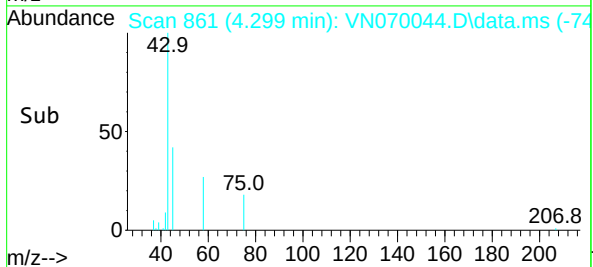
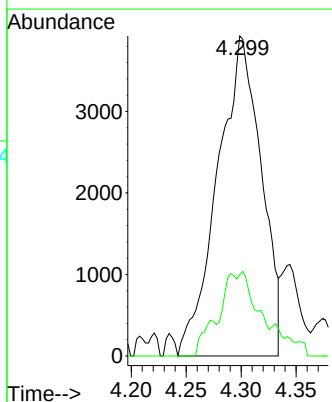
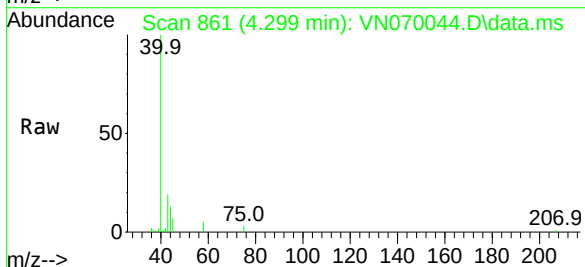
Instrument :  
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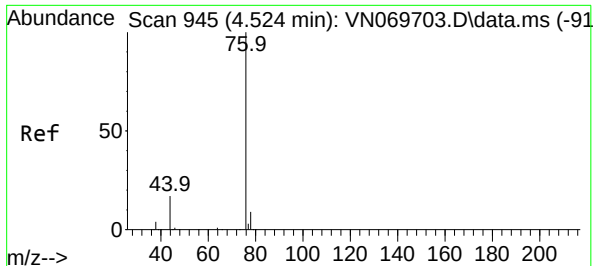
Tgt Ion: 53 Resp: 4803  
Ion Ratio Lower Upper  
53 100  
52 88.0 66.2 99.2  
51 9.1 29.6 44.4#



#16  
Acetone  
Concen: 1.280 ug/l  
RT: 4.299 min Scan# 861  
Delta R.T. 0.008 min  
Lab File: VN070044.D  
Acq: 13 Dec 2021 21:09

Tgt Ion: 43 Resp: 10812  
Ion Ratio Lower Upper  
43 100  
58 25.4 23.1 34.7

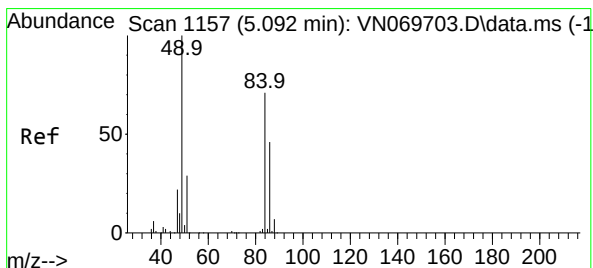
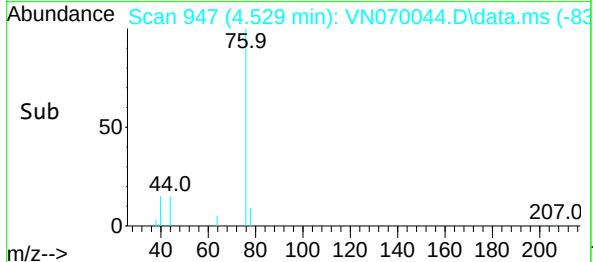
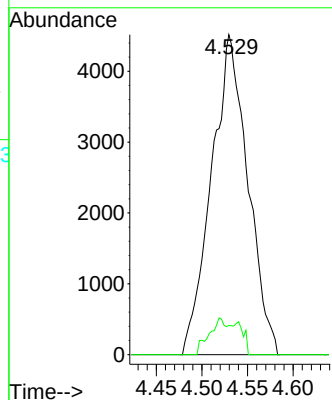
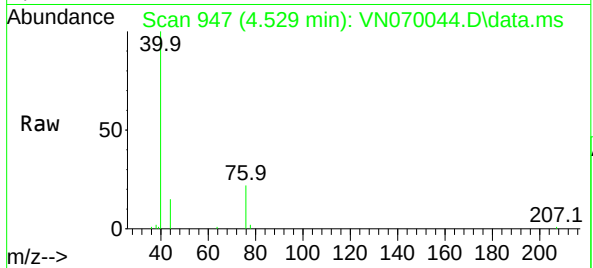




#17  
Carbon Disulfide  
Concen: 0.560 ug/l  
RT: 4.529 min Scan# 945  
Delta R.T. 0.006 min  
Lab File: VN070044.D  
Acq: 13 Dec 2021 21:09

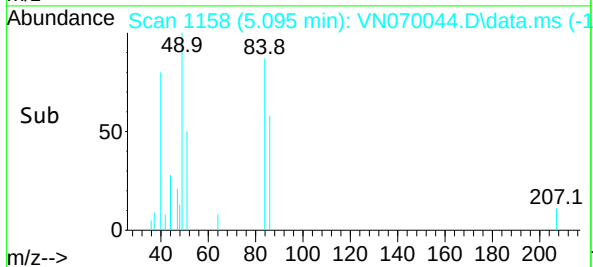
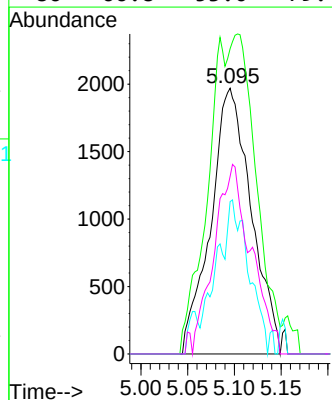
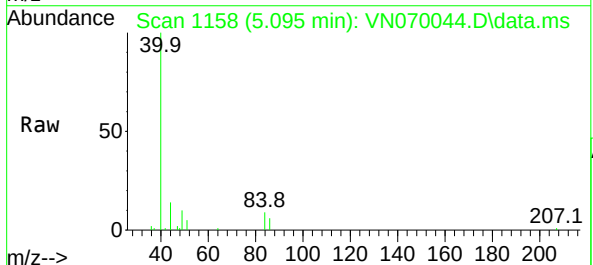
Instrument :  
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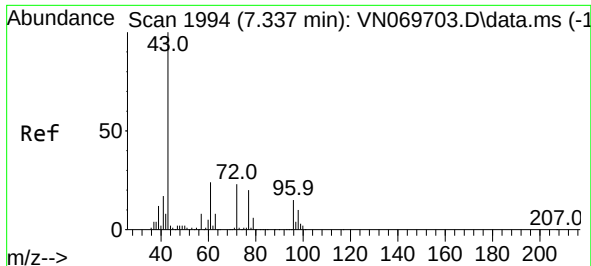
Tgt Ion: 76 Resp: 12539  
Ion Ratio Lower Upper  
76 100  
78 9.1 7.5 11.3



#20  
Methylene Chloride  
Concen: 0.530 ug/l  
RT: 5.095 min Scan# 1158  
Delta R.T. 0.003 min  
Lab File: VN070044.D  
Acq: 13 Dec 2021 21:09

Tgt Ion: 84 Resp: 5952  
Ion Ratio Lower Upper  
84 100  
49 114.9 93.5 140.3  
51 57.3 29.4 44.2#  
86 66.8 53.0 79.4





#25

2-Butanone

Concen: 0.243 ug/l

RT: 7.332 min Scan# 1994

Delta R.T. -0.005 min

Lab File: VN070044.D

Acq: 13 Dec 2021 21:09

Instrument :

MSVOA\_N

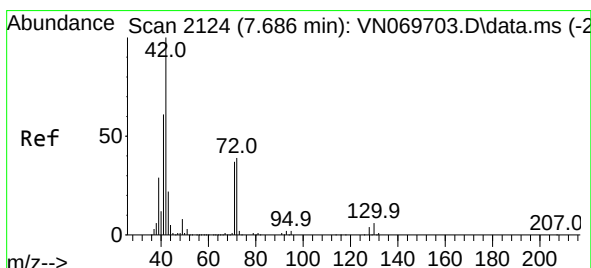
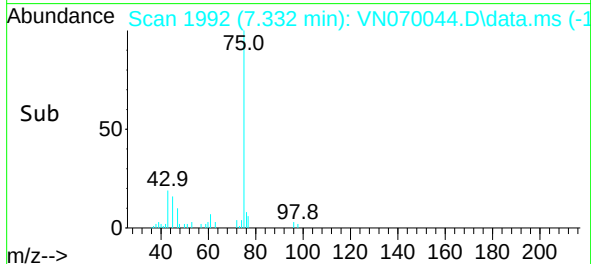
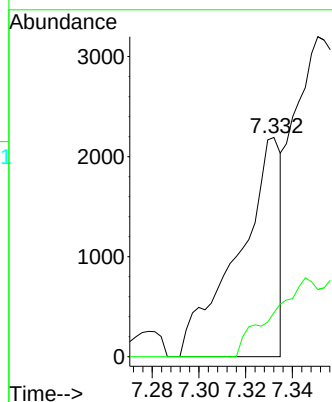
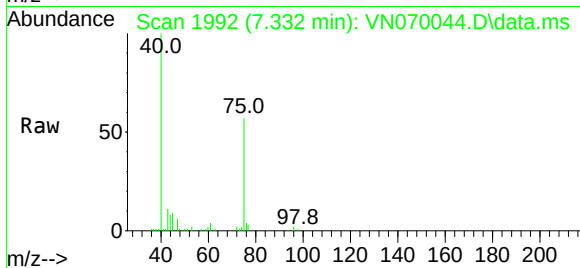
ClientSampleId :

Tgt Ion: 43 Resp: 2789

Ion Ratio Lower Upper

43 100

72 20.1 21.7 32.5#



#29

Tetrahydrofuran

Concen: 0.474 ug/l

RT: 7.699 min Scan# 2129

Delta R.T. 0.014 min

Lab File: VN070044.D

Acq: 13 Dec 2021 21:09

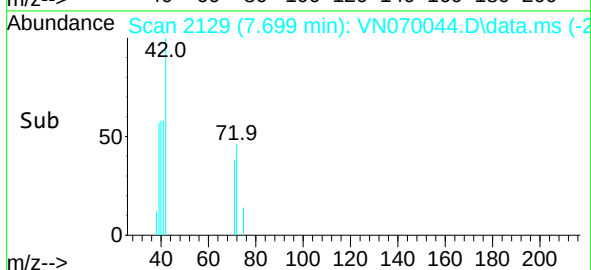
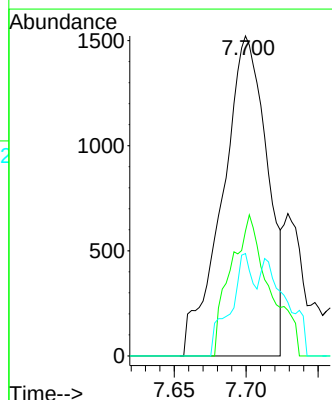
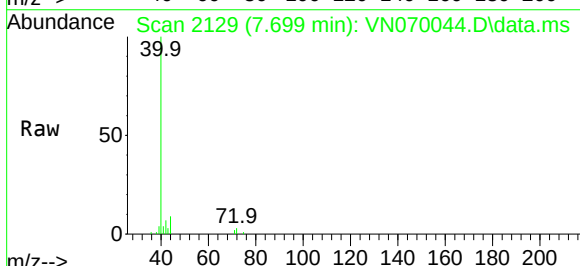
Tgt Ion: 42 Resp: 3299

Ion Ratio Lower Upper

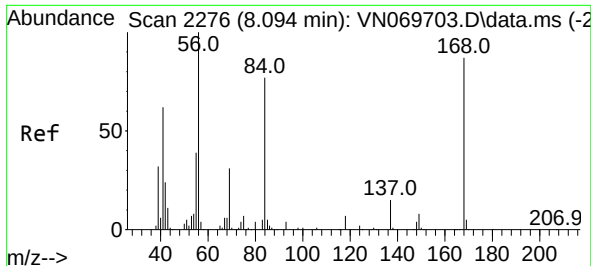
42 100

72 38.3 36.3 54.5

71 17.1 34.7 52.1#

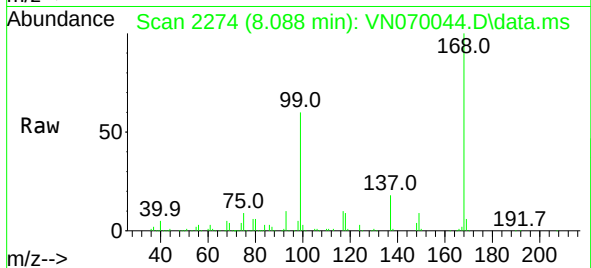




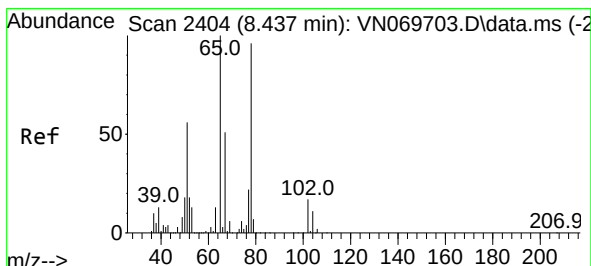
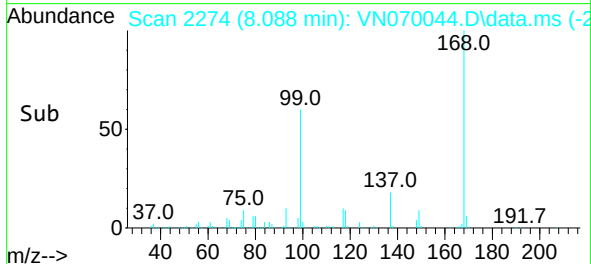
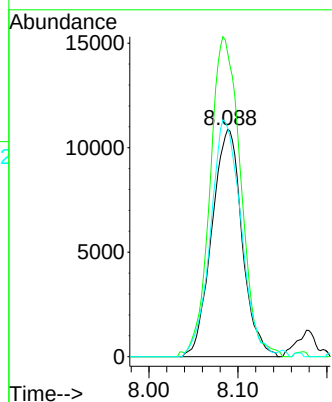


#31  
Cyclohexane  
Concen: 1.313 ug/l  
RT: 8.088 min Scan# 21  
Delta R.T. -0.005 min  
Lab File: VN070044.D  
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ClientSampleId :

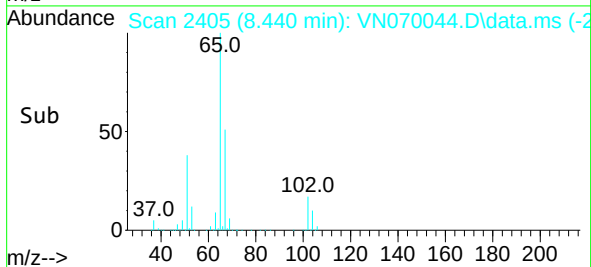
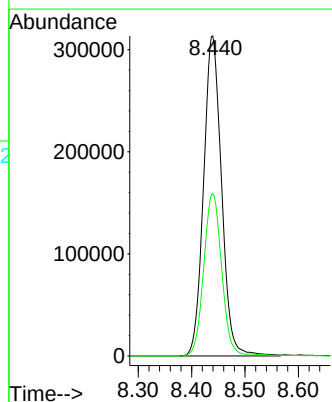
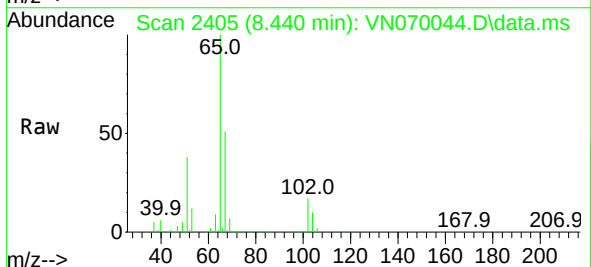


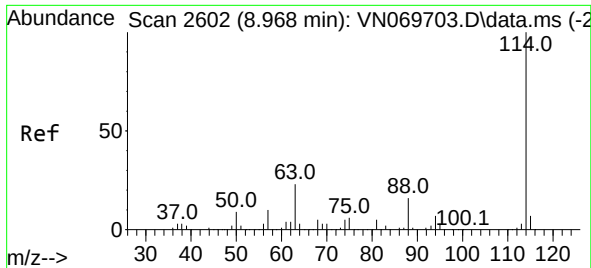
Tgt Ion: 56 Resp: 25654  
Ion Ratio Lower Upper  
56 100  
69 131.6 27.1 40.7#  
84 100.6 73.4 110.0



#33  
1,2-Dichloroethane-d4  
Concen: 52.162 ug/l  
RT: 8.440 min Scan# 2405  
Delta R.T. 0.003 min  
Lab File: VN070044.D  
Acq: 13 Dec 2021 21:09

Tgt Ion: 65 Resp: 732262  
Ion Ratio Lower Upper  
65 100  
67 50.3 0.0 103.0

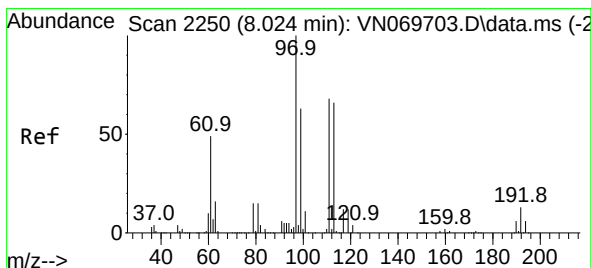
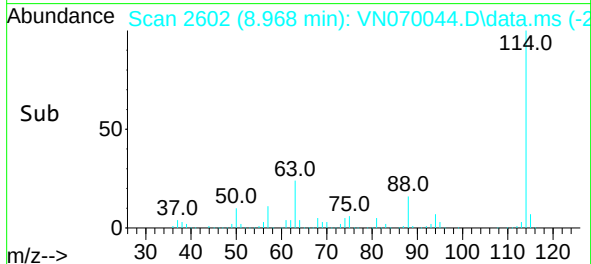
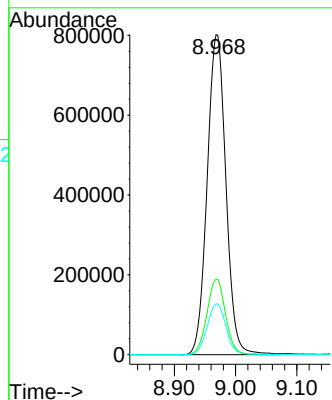
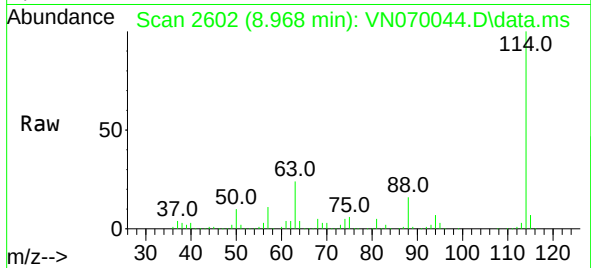




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 8.968 min Scan# 2602  
Delta R.T. 0.000 min  
Lab File: VN070044.D  
Acq: 13 Dec 2021 21:09

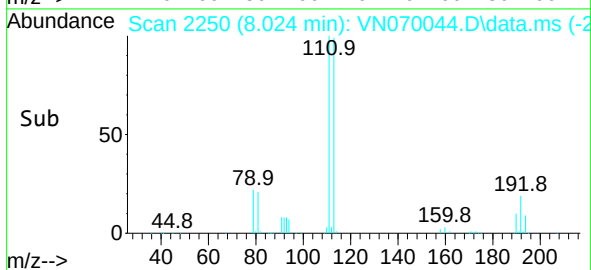
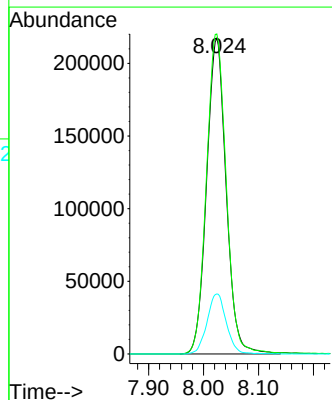
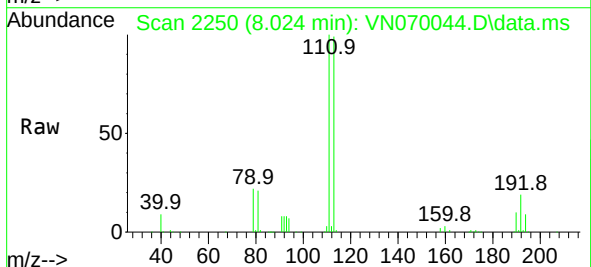
Instrument :  
MSVOA\_N  
ClientSampleId :

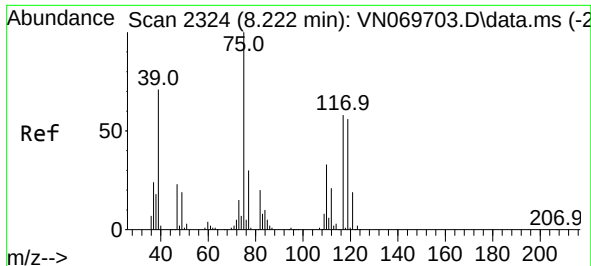
Tgt Ion:114 Resp: 1704993  
Ion Ratio Lower Upper  
114 100  
63 23.6 0.0 37.8  
88 15.9 0.0 27.4



#35  
Dibromofluoromethane  
Concen: 50.150 ug/l  
RT: 8.024 min Scan# 2250  
Delta R.T. 0.000 min  
Lab File: VN070044.D  
Acq: 13 Dec 2021 21:09

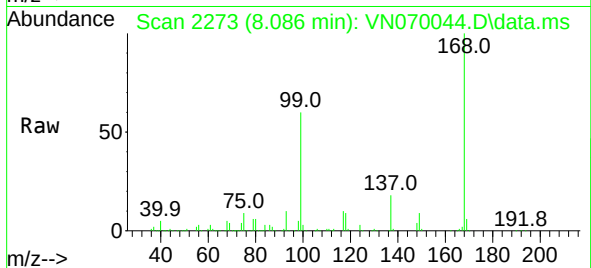
Tgt Ion:113 Resp: 535586  
Ion Ratio Lower Upper  
113 100  
111 102.9 82.2 123.2  
192 18.7 16.9 25.3



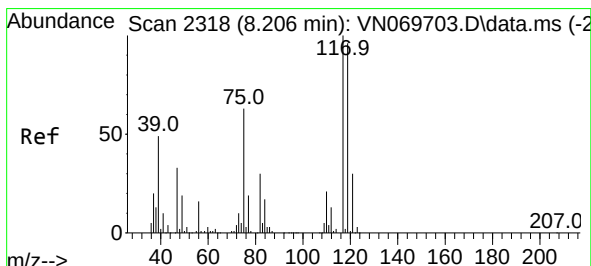
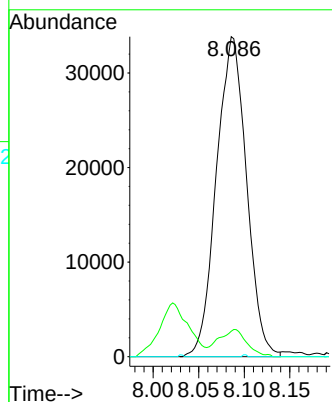
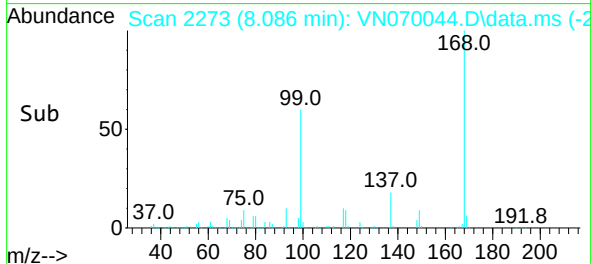


#36  
1,1-Dichloropropene  
Concen: 4.783 ug/l  
RT: 8.086 min Scan# 21  
Delta R.T. -0.137 min  
Lab File: VN070044.D  
Acq: 13 Dec 2021 21:09

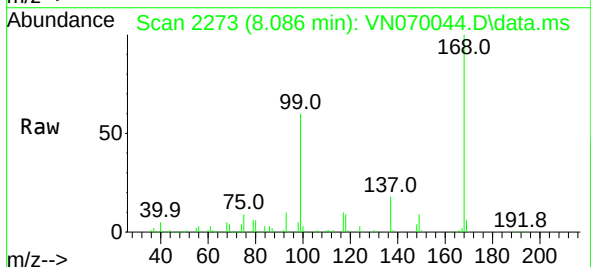
Instrument :  
MSVOA\_N  
ClientSampleId :



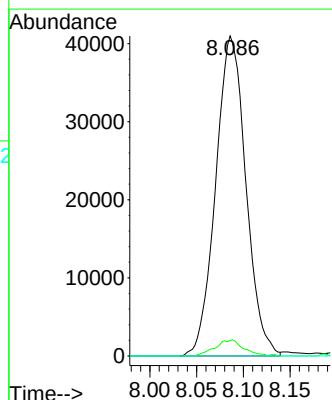
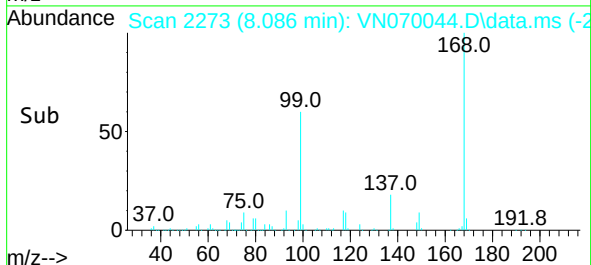
Tgt Ion: 75 Resp: 77635  
Ion Ratio Lower Upper  
75 100  
110 8.1 18.4 55.2#  
77 0.1 24.4 36.6#

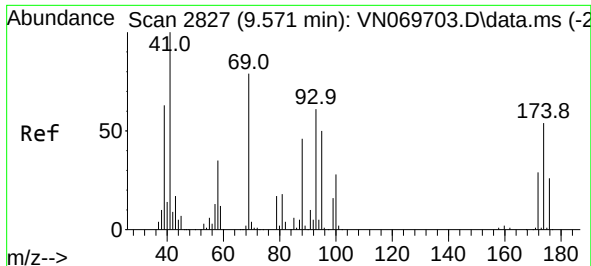


#38  
Carbon Tetrachloride  
Concen: 5.799 ug/l  
RT: 8.086 min Scan# 2273  
Delta R.T. -0.120 min  
Lab File: VN070044.D  
Acq: 13 Dec 2021 21:09



Tgt Ion: 117 Resp: 92295  
Ion Ratio Lower Upper  
117 100  
119 4.8 76.1 114.1#  
121 0.0 24.2 36.2#





#49

1,4-Dioxane

Concen: 1.954 ug/l

RT: 9.574 min Scan# 21

Delta R.T. 0.003 min

Lab File: VN070044.D

Acq: 13 Dec 2021 21:09

Instrument :

MSVOA\_N

ClientSampleId :

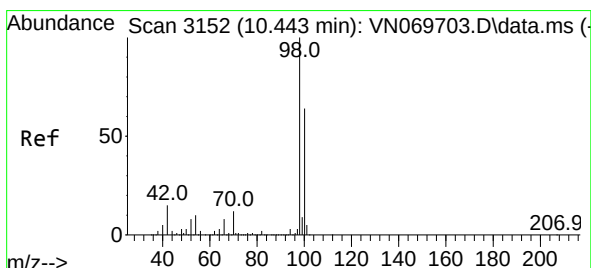
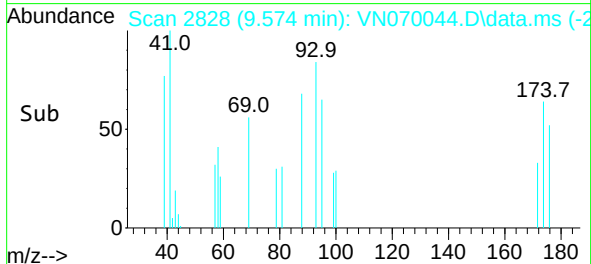
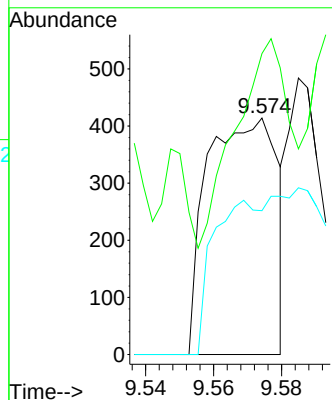
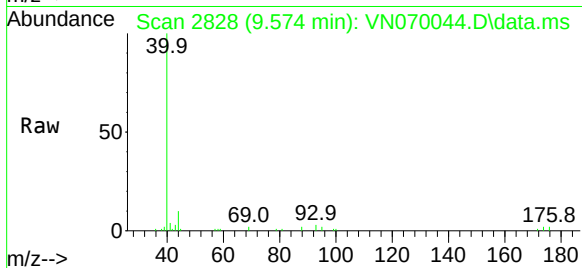
Tgt Ion: 88 Resp: 585

Ion Ratio Lower Upper

88 100

43 68.5 23.4 35.2#

58 46.2 50.6 75.8#



#50

Toluene-d8

Concen: 52.548 ug/l

RT: 10.443 min Scan# 3152

Delta R.T. 0.000 min

Lab File: VN070044.D

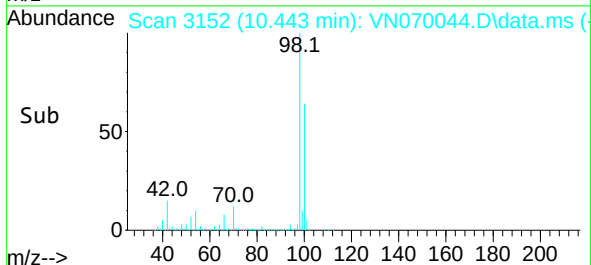
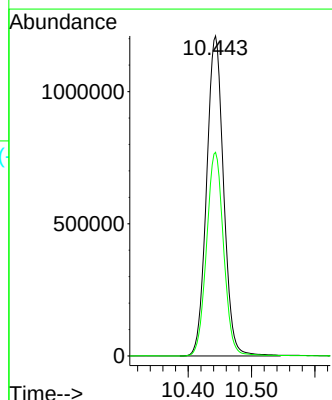
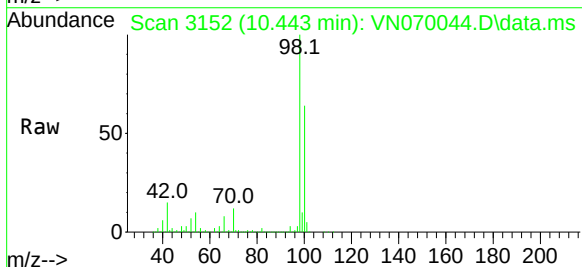
Acq: 13 Dec 2021 21:09

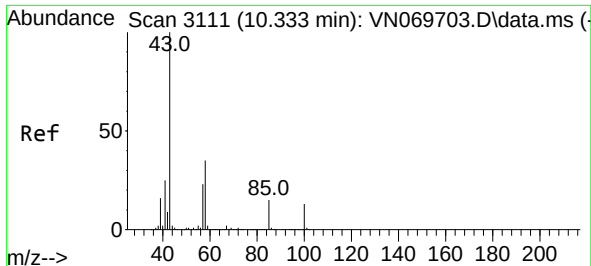
Tgt Ion: 98 Resp: 2253408

Ion Ratio Lower Upper

98 100

100 63.9 50.4 75.6

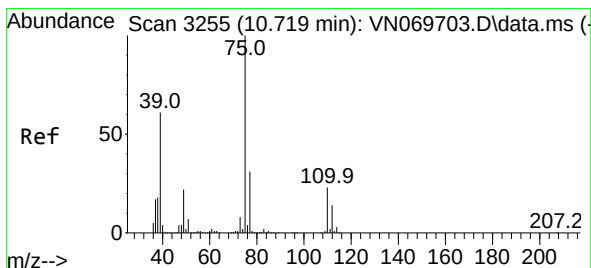
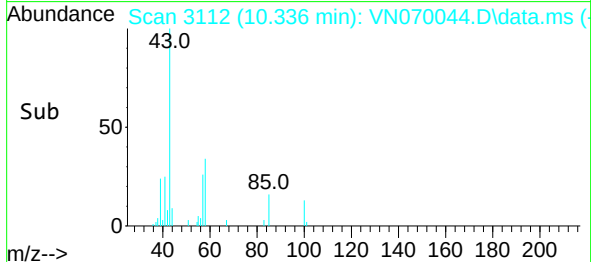
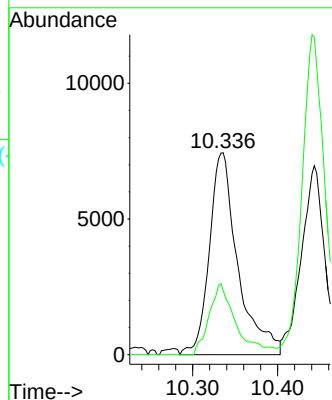
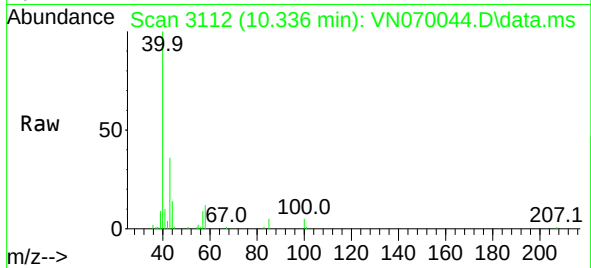




#51  
4-Methyl-2-Pentanone  
Concen: 0.749 ug/l  
RT: 10.336 min Scan# 3111  
Delta R.T. 0.003 min  
Lab File: VN070044.D  
Acq: 13 Dec 2021 21:09

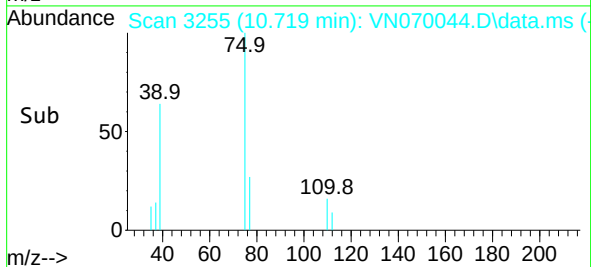
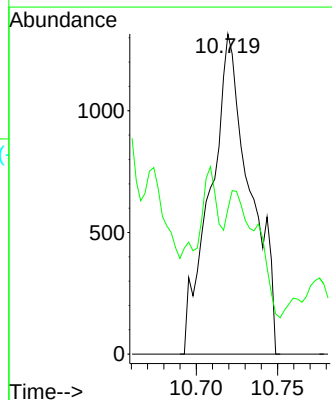
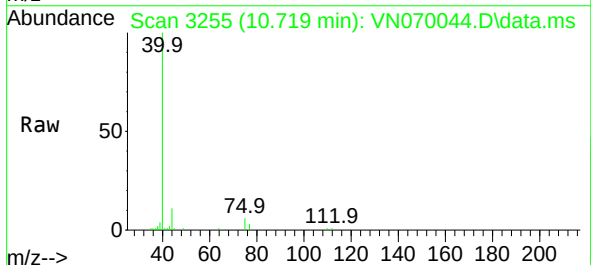
Instrument :  
MSVOA\_N  
ClientSampleId :

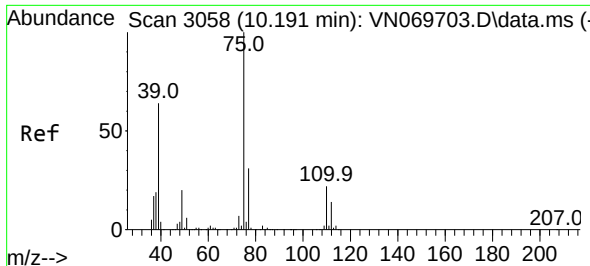
Tgt Ion: 43 Resp: 17365  
Ion Ratio Lower Upper  
43 100  
58 33.1 30.4 45.6



#53  
t-1,3-Dichloropropene  
Concen: 2.900 ug/l  
RT: 10.719 min Scan# 3255  
Delta R.T. 0.000 min  
Lab File: VN070044.D  
Acq: 13 Dec 2021 21:09

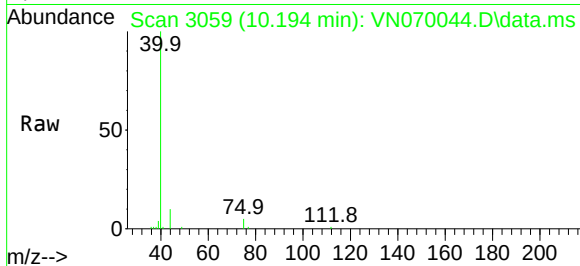
Tgt Ion: 75 Resp: 2226  
Ion Ratio Lower Upper  
75 100  
77 33.8 25.6 38.4



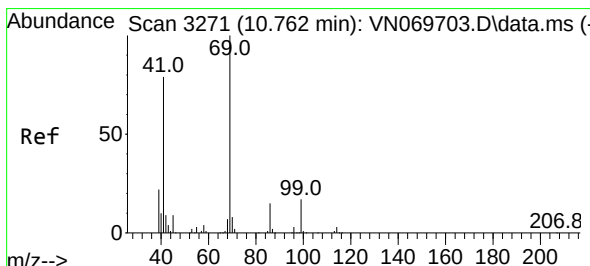
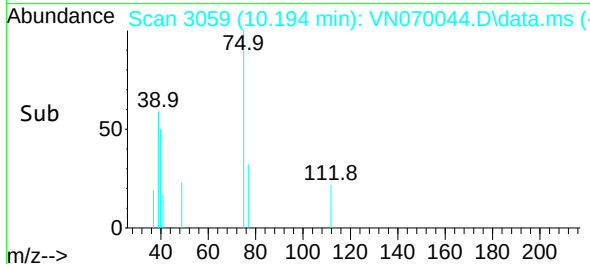
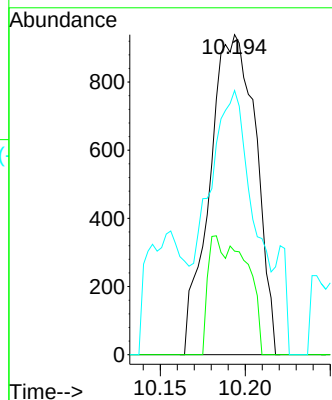


#54  
cis-1,3-Dichloropropene  
Concen: 2.080 ug/l  
RT: 10.194 min Scan# 3058  
Delta R.T. 0.003 min  
Lab File: VN070044.D  
Acq: 13 Dec 2021 21:09

Instrument :  
MSVOA\_N  
ClientSampleId :

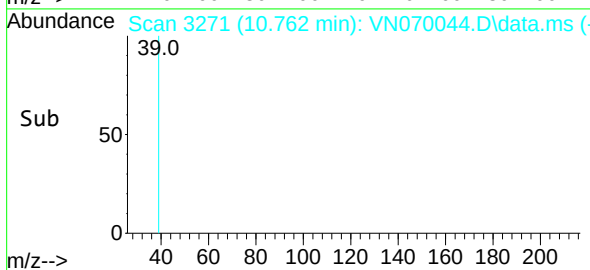
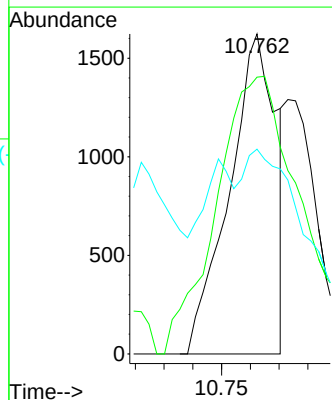
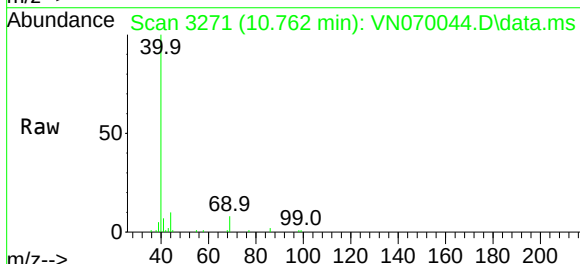


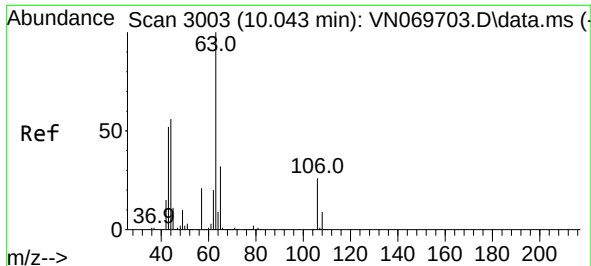
Tgt Ion: 75 Resp: 1777  
Ion Ratio Lower Upper  
75 100  
77 32.4 26.4 39.6  
39 51.9 42.5 63.7



#56  
Ethyl methacrylate  
Concen: 2.355 ug/l  
RT: 10.762 min Scan# 3271  
Delta R.T. 0.000 min  
Lab File: VN070044.D  
Acq: 13 Dec 2021 21:09

Tgt Ion: 69 Resp: 1829  
Ion Ratio Lower Upper  
69 100  
41 151.8 51.4 77.0#  
39 13.1 34.6 52.0#

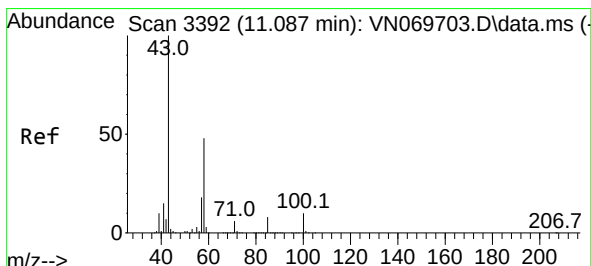
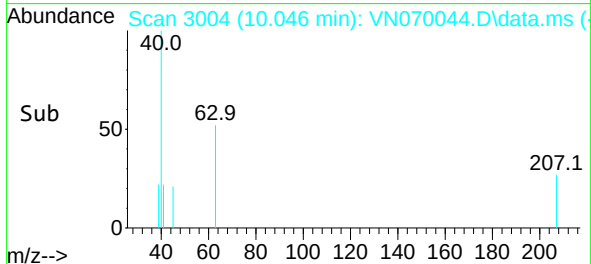
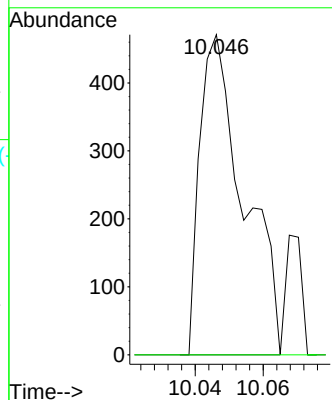
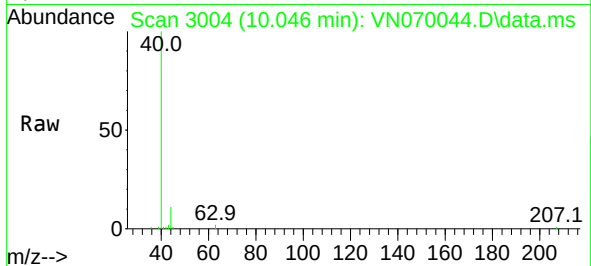




#58  
2-Chloroethyl Vinyl ether  
Concen: 18.452 ug/l  
RT: 10.046 min Scan# 3003  
Delta R.T. 0.003 min  
Lab File: VN070044.D  
Acq: 13 Dec 2021 21:09

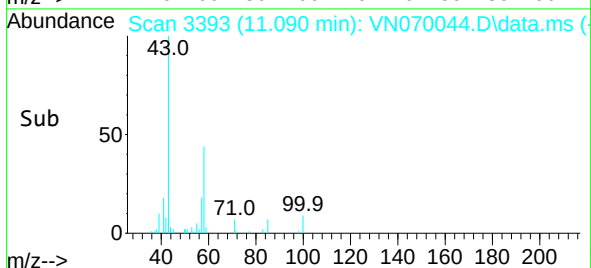
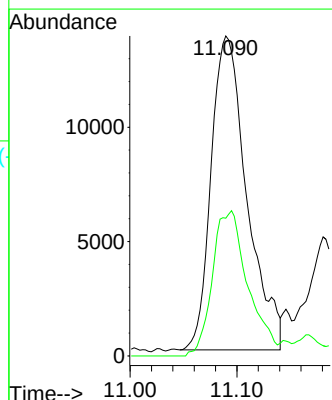
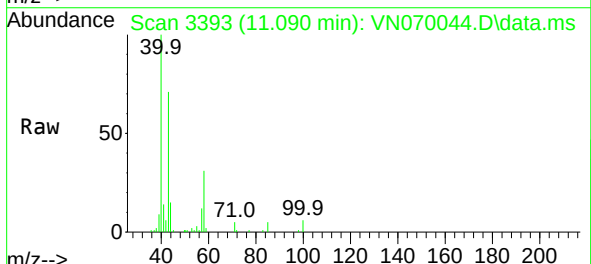
Instrument :  
MSVOA\_N  
ClientSampleId :

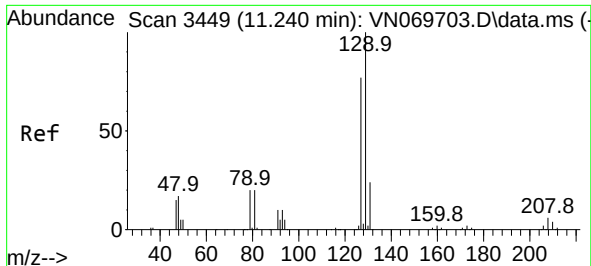
Tgt Ion: 63 Resp: 423  
Ion Ratio Lower Upper  
63 100  
106 0.0 23.9 35.9#



#59  
2-Hexanone  
Concen: 1.825 ug/l  
RT: 11.090 min Scan# 3393  
Delta R.T. 0.003 min  
Lab File: VN070044.D  
Acq: 13 Dec 2021 21:09

Tgt Ion: 43 Resp: 32020  
Ion Ratio Lower Upper  
43 100  
58 45.7 26.9 80.7

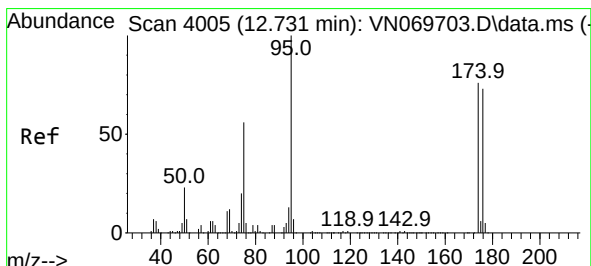
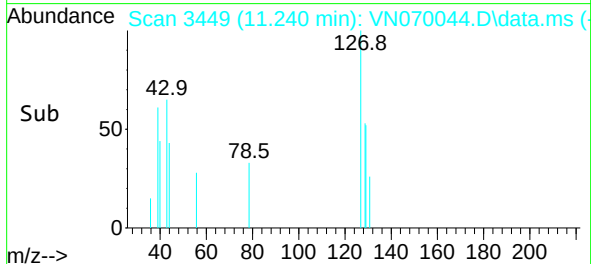
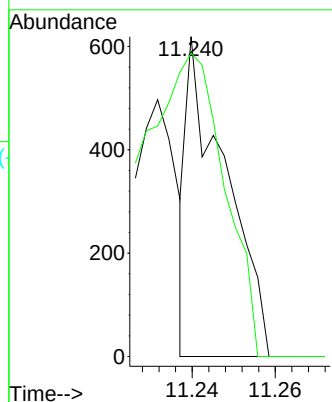
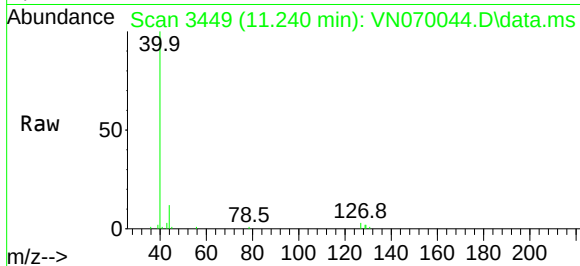




#60  
Dibromochloromethane  
Concen: 2.405 ug/l  
RT: 11.240 min Scan# 3449  
Delta R.T. -0.000 min  
Lab File: VN070044.D  
Acq: 13 Dec 2021 21:09

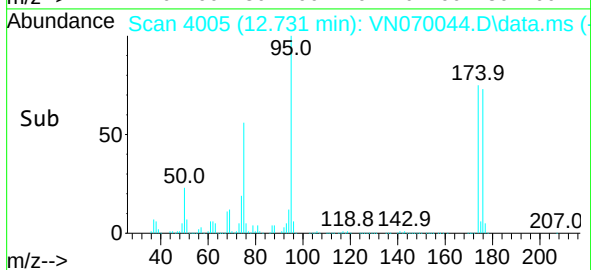
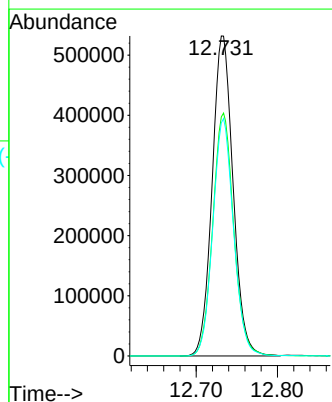
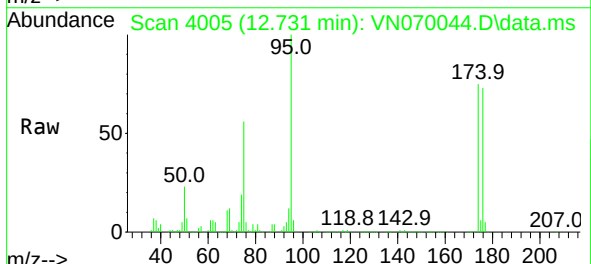
Instrument :  
MSVOA\_N  
ClientSampleId :

Tgt Ion:129 Resp: 400  
Ion Ratio Lower Upper  
129 100  
127 209.2 38.6 116.0#

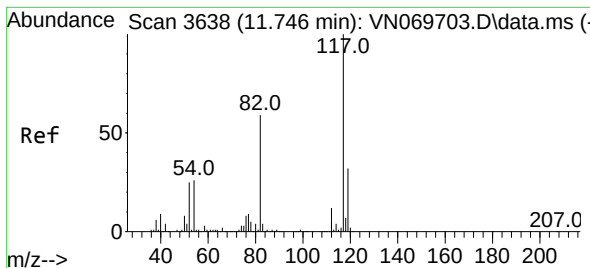


#62  
4-Bromofluorobenzene  
Concen: 61.219 ug/l  
RT: 12.731 min Scan# 4005  
Delta R.T. -0.000 min  
Lab File: VN070044.D  
Acq: 13 Dec 2021 21:09

Tgt Ion: 95 Resp: 951069  
Ion Ratio Lower Upper  
95 100  
174 76.1 0.0 187.2  
176 73.5 0.0 181.4







#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.744 min Scan# 3638

Delta R.T. -0.002 min

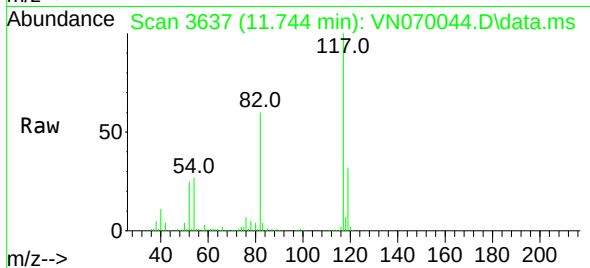
Lab File: VN070044.D

Acq: 13 Dec 2021 21:09

Instrument :

MSVOA\_N

ClientSampleId :



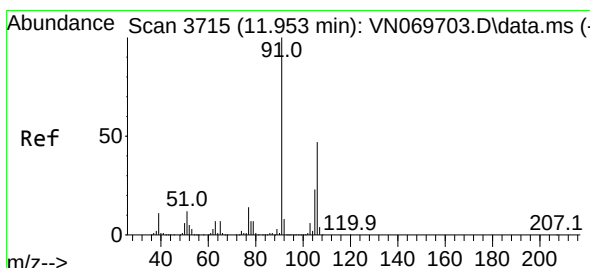
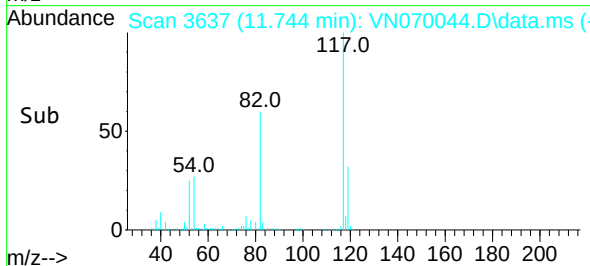
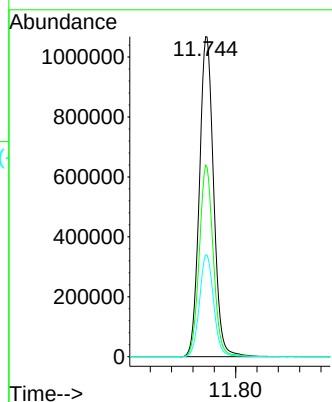
Tgt Ion:117 Resp: 1975312

Ion Ratio Lower Upper

117 100

82 59.8 42.4 63.6

119 31.8 25.4 38.2



#68

m/p-Xylenes

Concen: 0.257 ug/l

RT: 11.961 min Scan# 3718

Delta R.T. 0.008 min

Lab File: VN070044.D

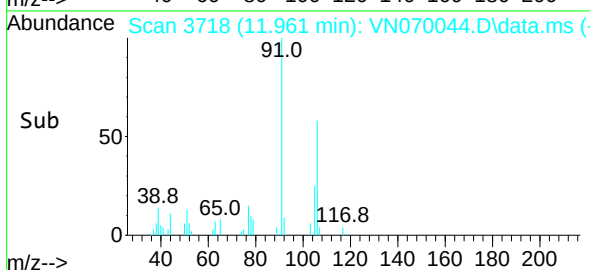
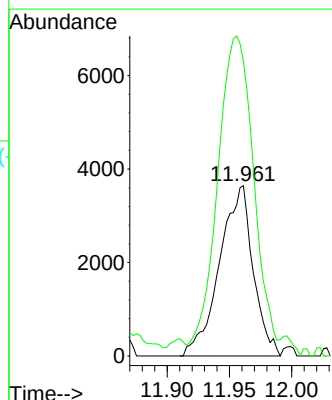
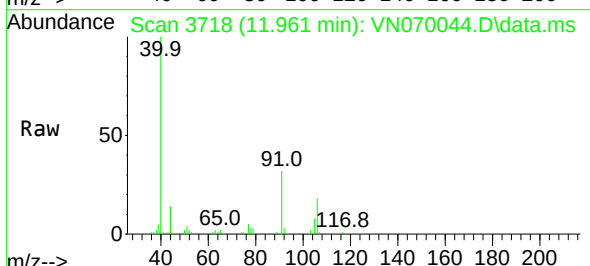
Acq: 13 Dec 2021 21:09

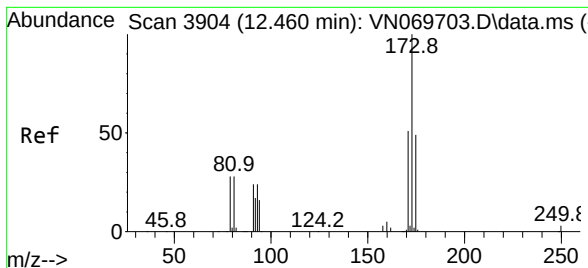
Tgt Ion:106 Resp: 6816

Ion Ratio Lower Upper

106 100

91 189.3 160.6 240.8





#71

Bromoform

Concen: 2.839 ug/l

RT: 12.460 min Scan# 3904

Delta R.T. 0.000 min

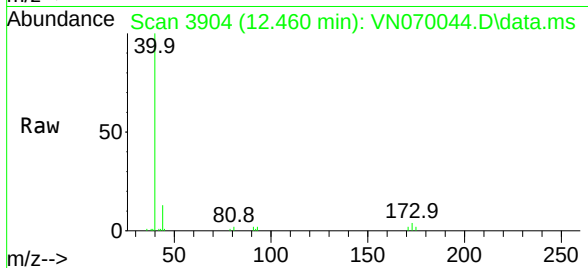
Lab File: VN070044.D

Acq: 13 Dec 2021 21:09

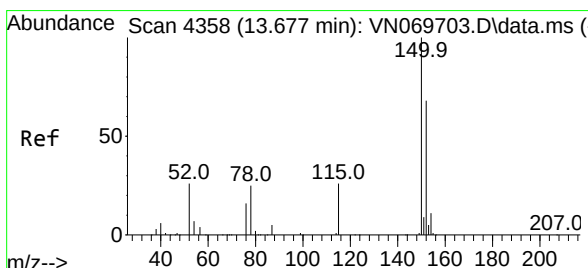
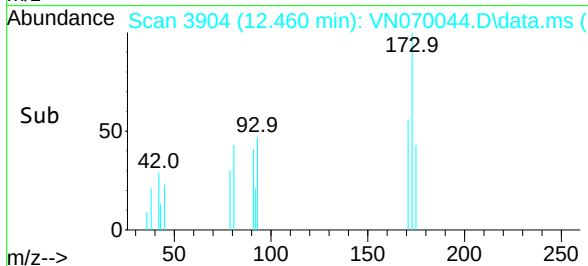
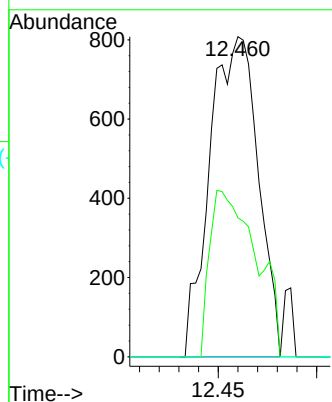
Instrument :

MSVOA\_N

ClientSampleId :



|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 173   | Resp: | 1379  |
| Ion Ratio | Lower | Upper |       |
| 173       | 100   |       |       |
| 175       | 0.0   | 24.2  | 72.6# |
| 254       | 0.0   | 0.0   | 0.0   |



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

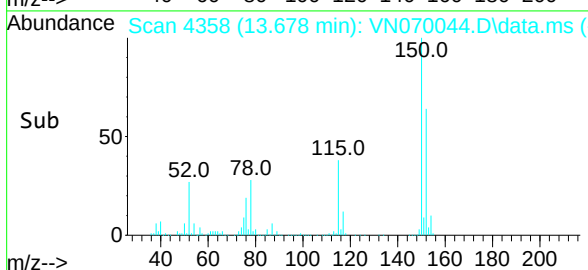
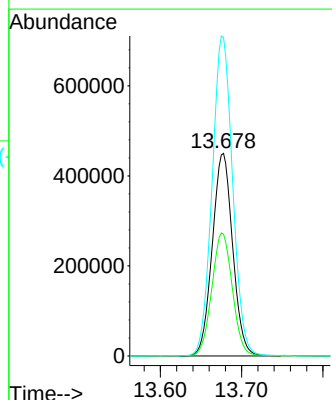
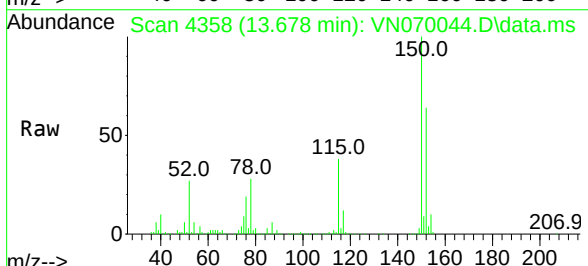
RT: 13.678 min Scan# 4358

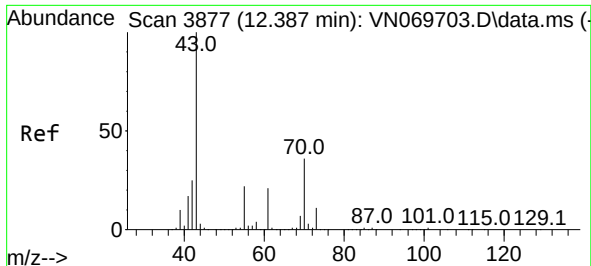
Delta R.T. 0.000 min

Lab File: VN070044.D

Acq: 13 Dec 2021 21:09

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 152   | Resp: | 784343 |
| Ion Ratio | Lower | Upper |        |
| 152       | 100   |       |        |
| 115       | 61.1  | 27.5  | 82.5   |
| 150       | 158.5 | 0.0   | 344.4  |

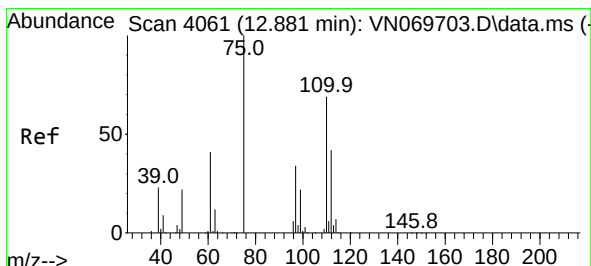
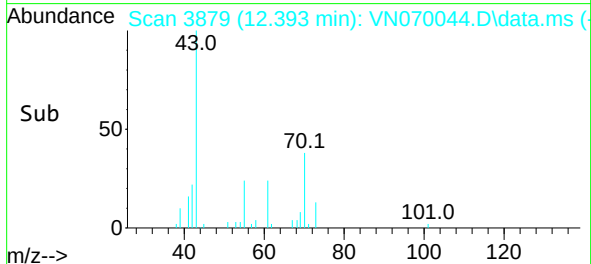
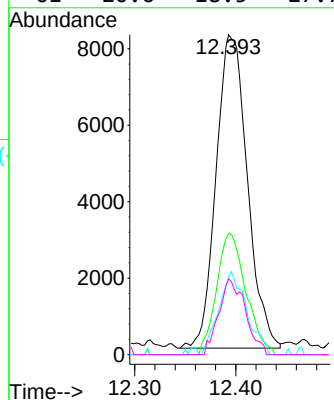
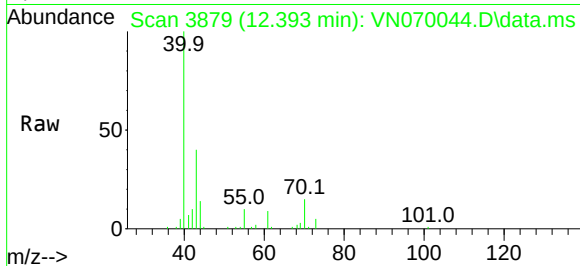




#74  
N-amy1 acetate  
Concen: 0.570 ug/l  
RT: 12.393 min Scan# 3879  
Delta R.T. 0.006 min  
Lab File: VN070044.D  
Acq: 13 Dec 2021 21:09

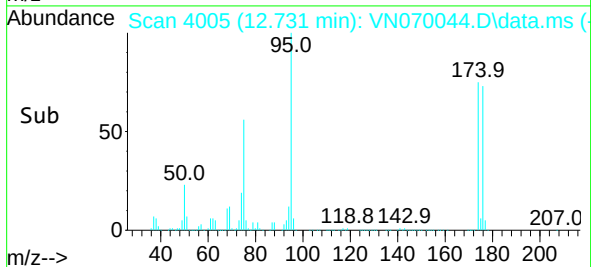
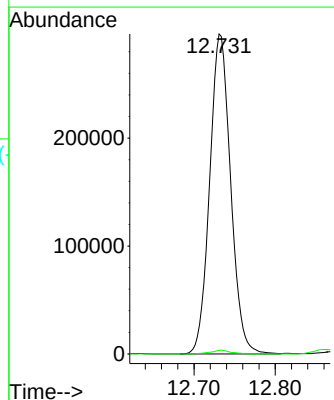
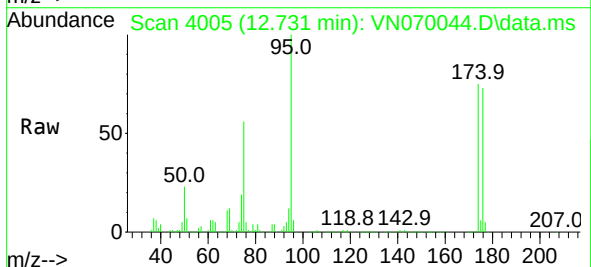
Instrument :  
MSVOA\_N  
ClientSampleId :

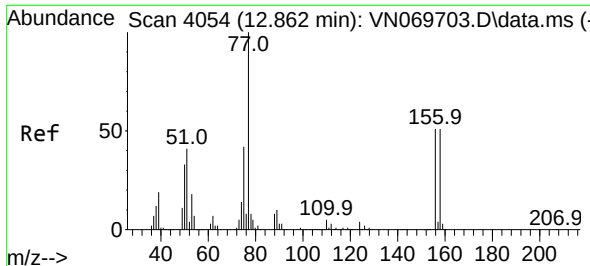
|             |             |
|-------------|-------------|
| Tgt Ion: 43 | Resp: 17596 |
| Ion Ratio   | Lower Upper |
| 43 100      |             |
| 70 36.4     | 33.4 50.0   |
| 55 23.5     | 19.3 28.9   |
| 61 20.6     | 18.5 27.7   |



#76  
1,2,3-Trichloropropane  
Concen: 23.601 ug/l  
RT: 12.731 min Scan# 4005  
Delta R.T. -0.150 min  
Lab File: VN070044.D  
Acq: 13 Dec 2021 21:09

|             |              |
|-------------|--------------|
| Tgt Ion: 75 | Resp: 530858 |
| Ion Ratio   | Lower Upper  |
| 75 100      |              |
| 77 1.1      | 82.6 247.8#  |

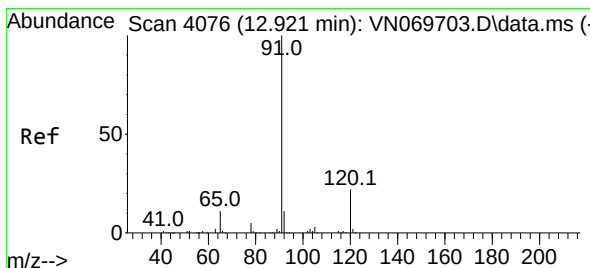
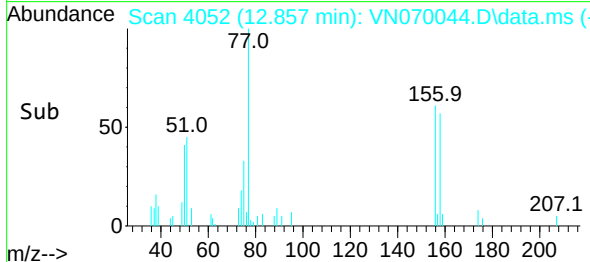
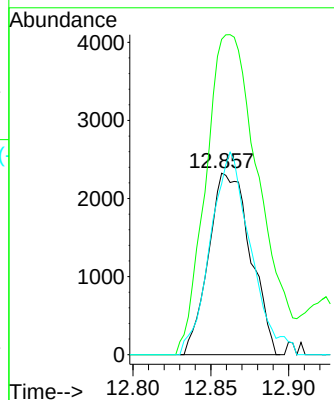
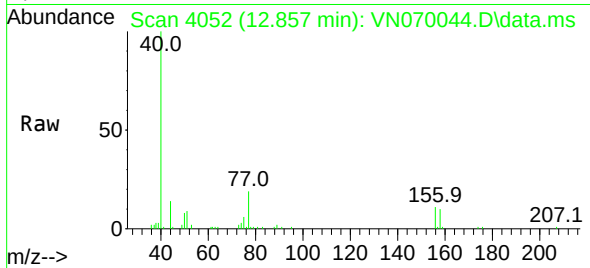




#77  
Bromobenzene  
Concen: 0.265 ug/l  
RT: 12.857 min Scan# 4052  
Delta R.T. -0.005 min  
Lab File: VN070044.D  
Acq: 13 Dec 2021 21:09

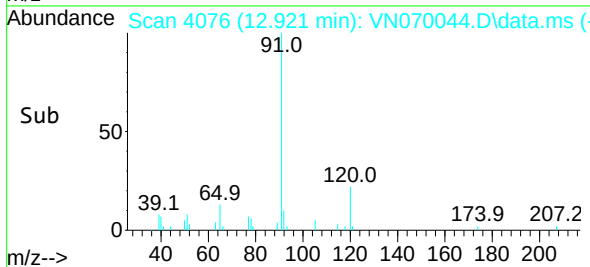
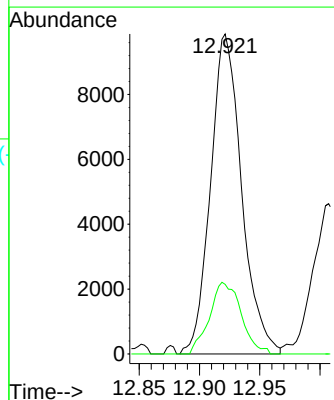
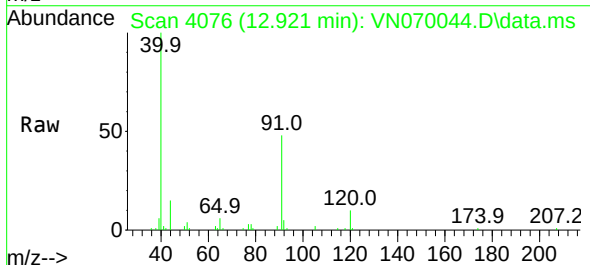
Instrument :  
MSVOA\_N  
ClientSampleId :

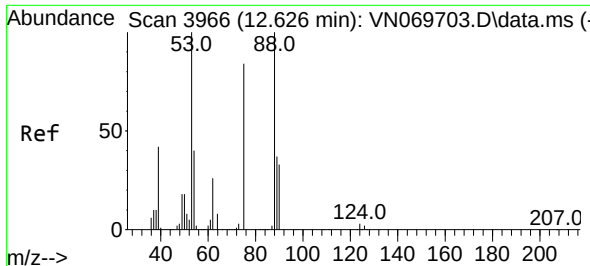
Tgt Ion:156 Resp: 4346  
Ion Ratio Lower Upper  
156 100  
77 223.6 90.6 271.8  
158 107.4 48.9 146.7



#78  
n-propylbenzene  
Concen: 0.228 ug/l  
RT: 12.921 min Scan# 4076  
Delta R.T. 0.000 min  
Lab File: VN070044.D  
Acq: 13 Dec 2021 21:09

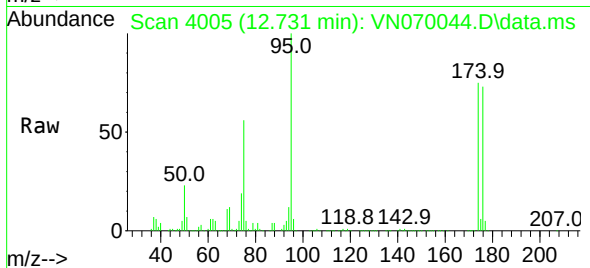
Tgt Ion: 91 Resp: 17688  
Ion Ratio Lower Upper  
91 100  
120 22.8 11.9 35.9



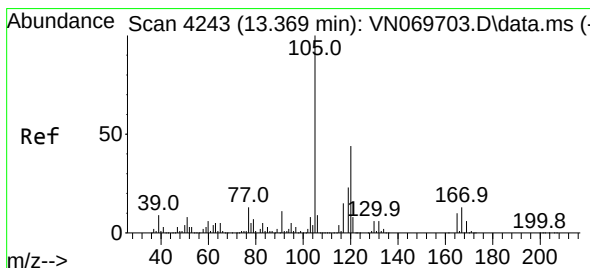
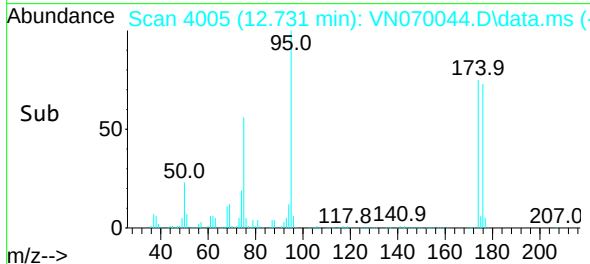
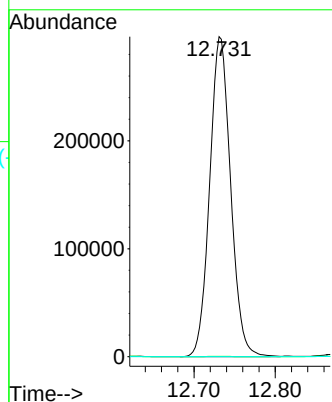


#81  
 trans-1,4-Dichloro-2-butene  
 Concen: 75.030 ug/l  
 RT: 12.731 min Scan# 4005  
 Delta R.T. 0.105 min  
 Lab File: VN070044.D  
 Acq: 13 Dec 2021 21:09

Instrument :  
 MSVOA\_N  
 ClientSampleId :

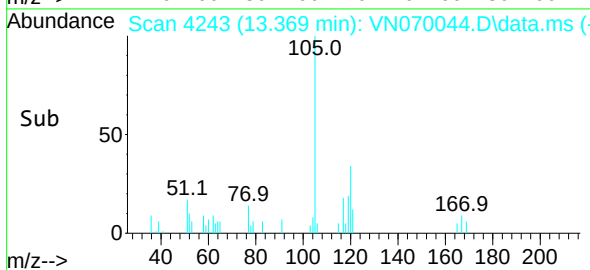
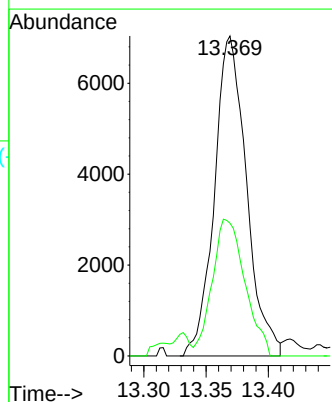
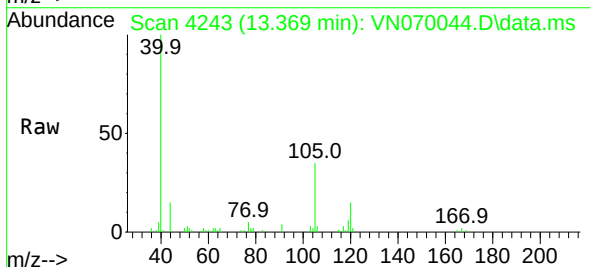


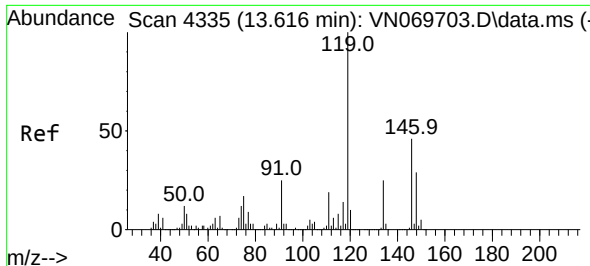
Tgt Ion: 75 Resp: 530858  
 Ion Ratio Lower Upper  
 75 100  
 53 0.0 90.5 135.7#  
 89 0.0 38.2 57.4#



#84  
 1,2,4-Trimethylbenzene  
 Concen: 0.235 ug/l  
 RT: 13.369 min Scan# 4243  
 Delta R.T. 0.000 min  
 Lab File: VN070044.D  
 Acq: 13 Dec 2021 21:09

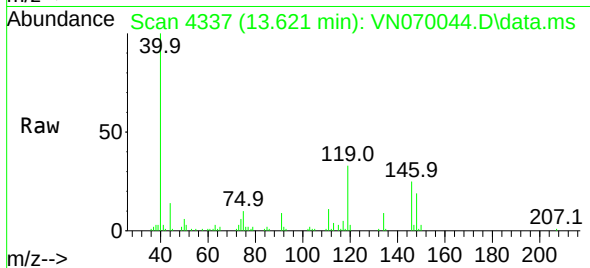
Tgt Ion: 105 Resp: 12591  
 Ion Ratio Lower Upper  
 105 100  
 120 43.6 22.8 68.4



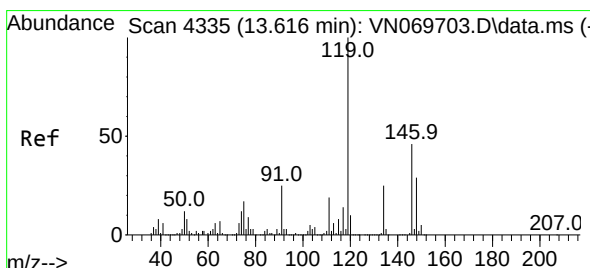
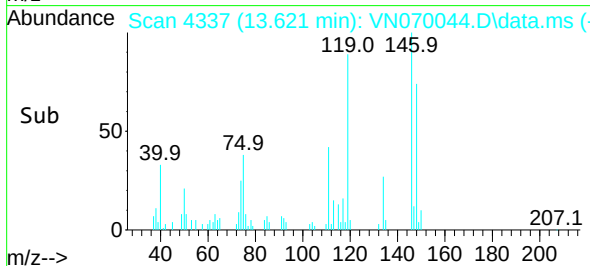
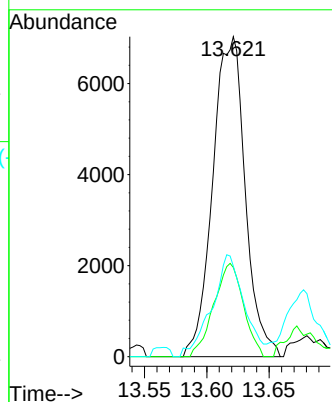


#86  
 p-Isopropyltoluene  
 Concen: 0.241 ug/l  
 RT: 13.621 min Scan# 41  
 Delta R.T. 0.006 min  
 Lab File: VN070044.D  
 Acq: 13 Dec 2021 21:09

Instrument :  
 MSVOA\_N  
 ClientSampleId :

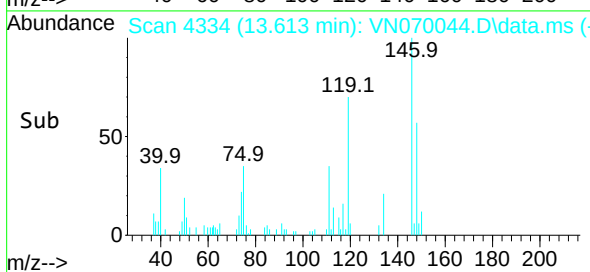
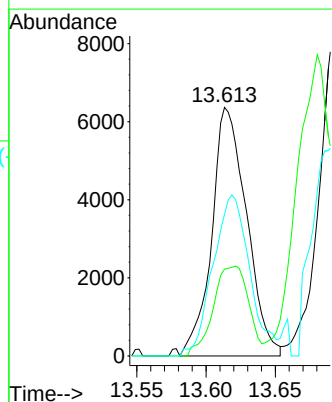
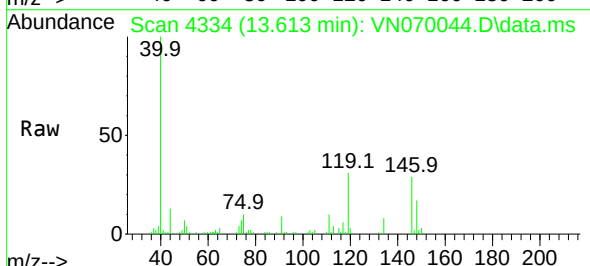


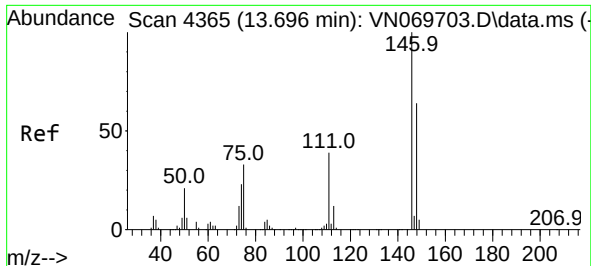
Tgt Ion:119 Resp: 12715  
 Ion Ratio Lower Upper  
 119 100  
 134 26.7 13.6 40.7  
 91 31.7 11.4 34.1



#87  
 1,3-Dichlorobenzene  
 Concen: 0.414 ug/l  
 RT: 13.613 min Scan# 4334  
 Delta R.T. -0.002 min  
 Lab File: VN070044.D  
 Acq: 13 Dec 2021 21:09

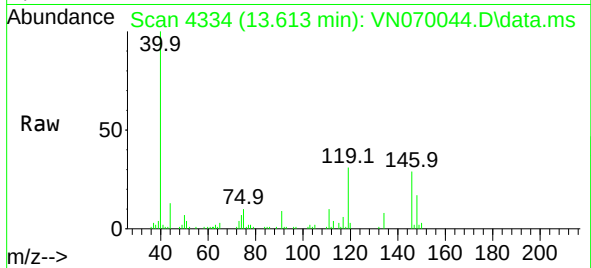
Tgt Ion:146 Resp: 11141  
 Ion Ratio Lower Upper  
 146 100  
 111 36.6 18.6 55.6  
 148 68.1 31.6 95.0



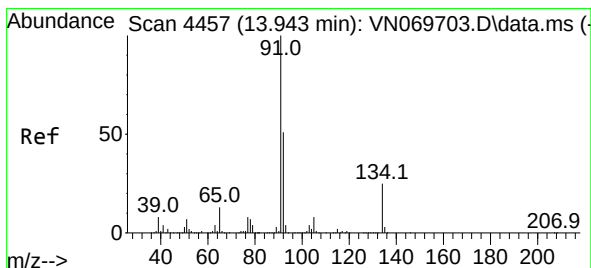
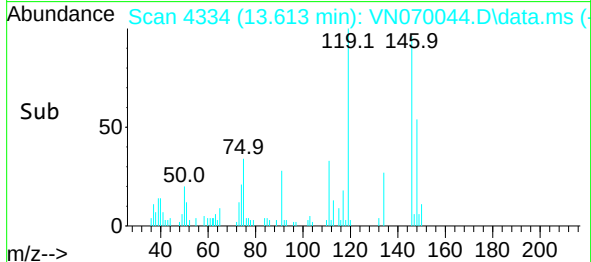
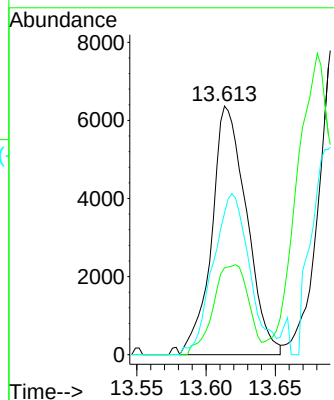


#88  
1,4-Dichlorobenzene  
Concen: 0.421 ug/l  
RT: 13.613 min Scan# 411  
Delta R.T. -0.083 min  
Lab File: VN070044.D  
Acq: 13 Dec 2021 21:09

Instrument :  
MSVOA\_N  
ClientSampleId :

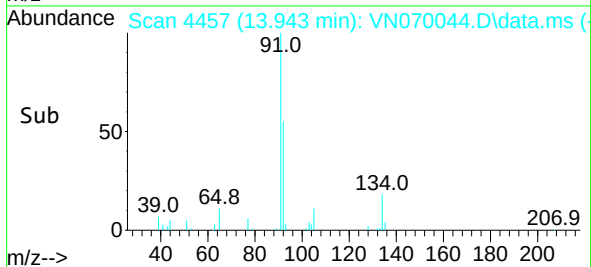
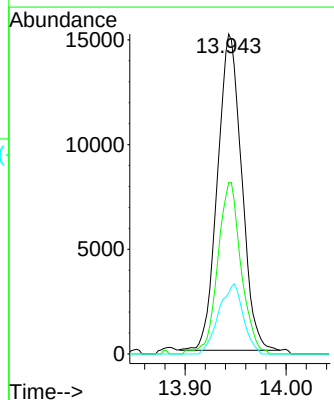
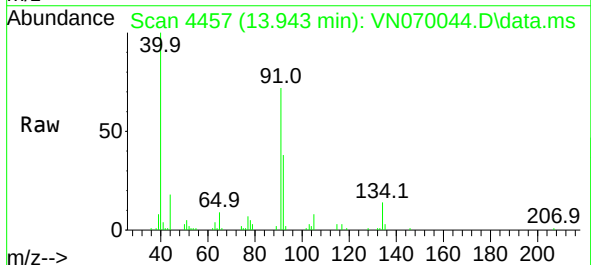


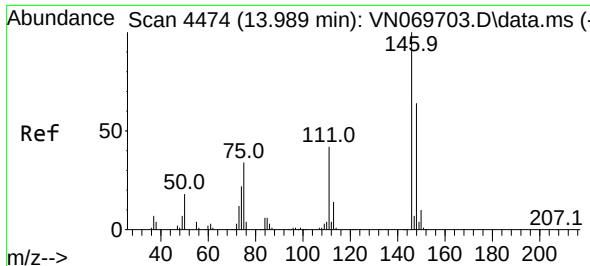
Tgt Ion:146 Resp: 11141  
Ion Ratio Lower Upper  
146 100  
111 36.6 18.3 54.8  
148 68.1 31.8 95.4



#89  
n-Butylbenzene  
Concen: 0.585 ug/l  
RT: 13.943 min Scan# 4457  
Delta R.T. 0.000 min  
Lab File: VN070044.D  
Acq: 13 Dec 2021 21:09

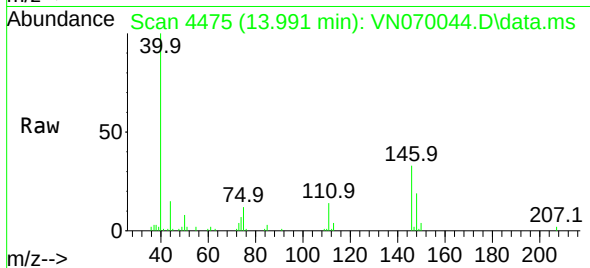
Tgt Ion: 91 Resp: 25035  
Ion Ratio Lower Upper  
91 100  
92 52.4 25.4 76.0  
134 22.4 13.6 40.8



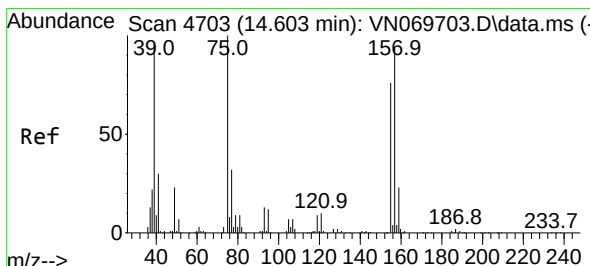
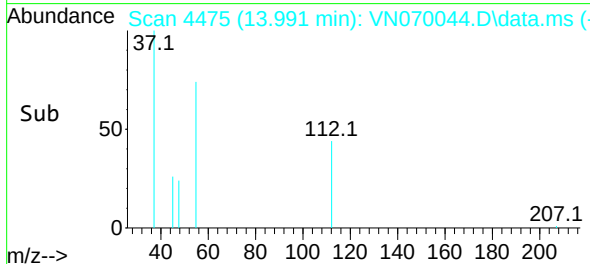
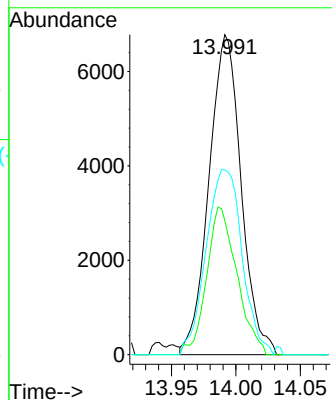


#91  
1,2-Dichlorobenzene  
Concen: 0.448 ug/l  
RT: 13.991 min Scan# 4475  
Delta R.T. 0.003 min  
Lab File: VN070044.D  
Acq: 13 Dec 2021 21:09

Instrument :  
MSVOA\_N  
ClientSampleId :

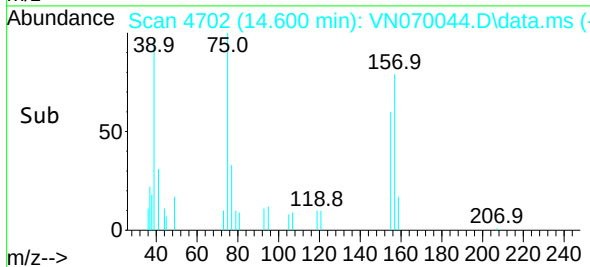
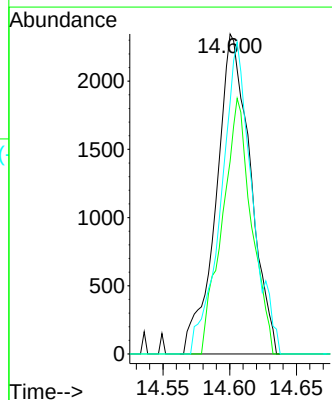
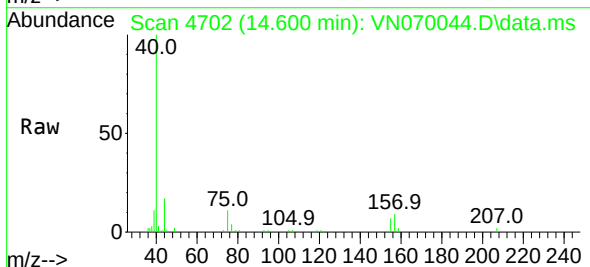


Tgt Ion:146 Resp: 11761  
Ion Ratio Lower Upper  
146 100  
111 43.6 19.1 57.3  
148 64.9 32.1 96.3

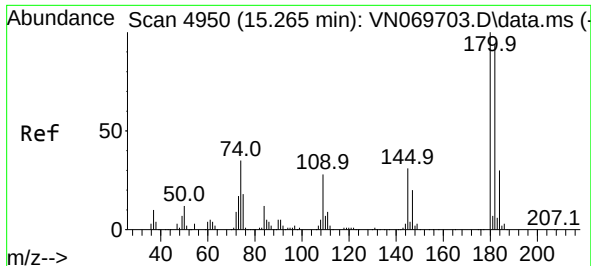


#92  
1,2-Dibromo-3-Chloropropane  
Concen: 0.959 ug/l  
RT: 14.600 min Scan# 4702  
Delta R.T. -0.002 min  
Lab File: VN070044.D  
Acq: 13 Dec 2021 21:09

Tgt Ion: 75 Resp: 4181  
Ion Ratio Lower Upper  
75 100  
155 67.8 46.9 140.7  
157 88.3 60.6 181.7

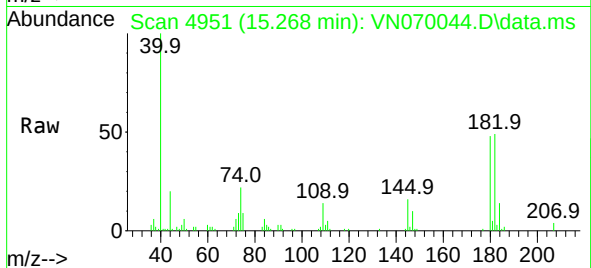




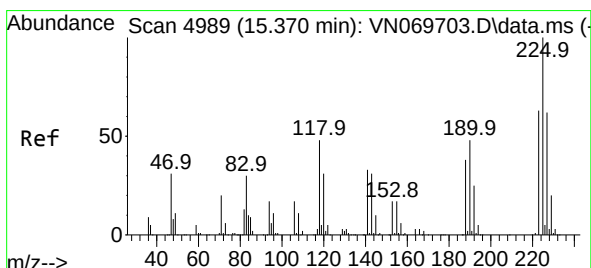
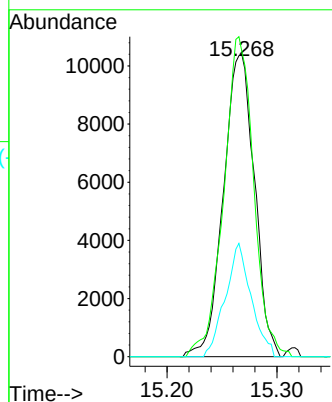
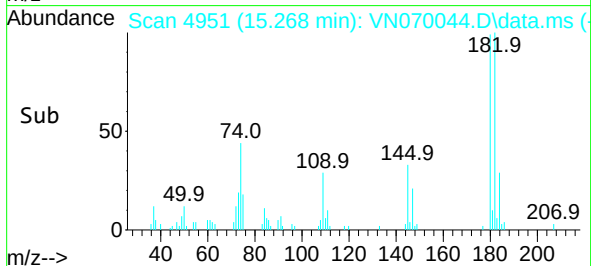


#93  
 1,2,4-Trichlorobenzene  
 Concen: 4.375 ug/l  
 RT: 15.268 min Scan# 4950  
 Delta R.T. 0.003 min  
 Lab File: VN070044.D  
 Acq: 13 Dec 2021 21:09

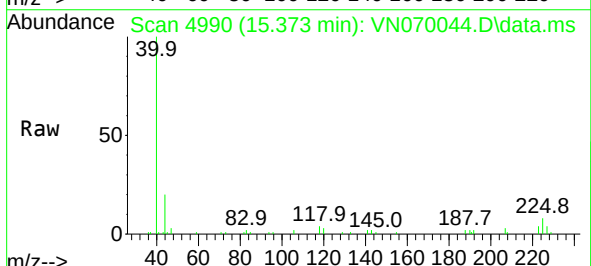
Instrument :  
 MSVOA\_N  
 ClientSampleId :



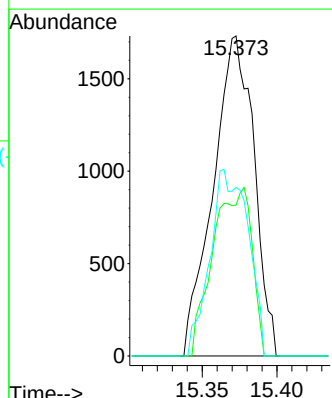
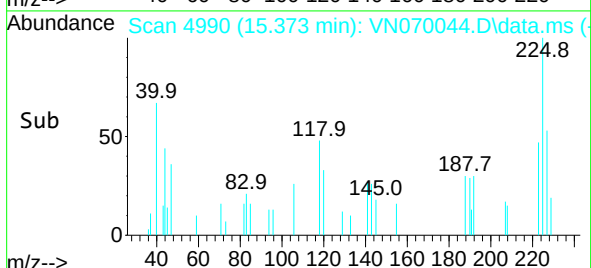
Tgt Ion:180 Resp: 20445  
 Ion Ratio Lower Upper  
 180 100  
 182 102.0 48.3 144.9  
 145 31.1 14.5 43.5

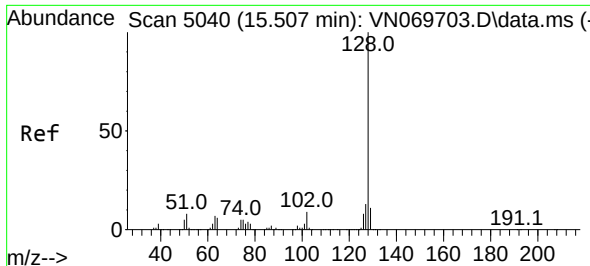


#94  
 Hexachlorobutadiene  
 Concen: 0.473 ug/l  
 RT: 15.373 min Scan# 4990  
 Delta R.T. 0.003 min  
 Lab File: VN070044.D  
 Acq: 13 Dec 2021 21:09



Tgt Ion:225 Resp: 3288  
 Ion Ratio Lower Upper  
 225 100  
 223 50.5 31.9 95.7  
 227 54.4 32.1 96.3

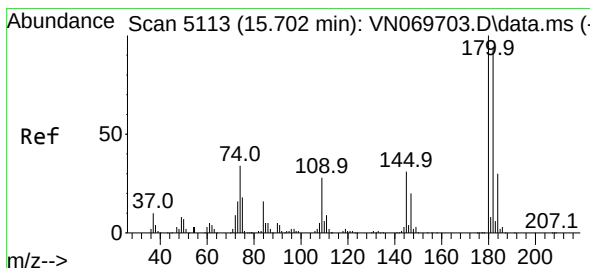
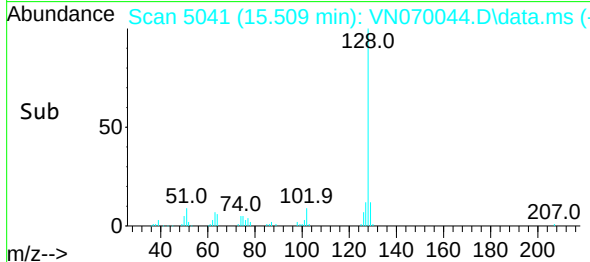
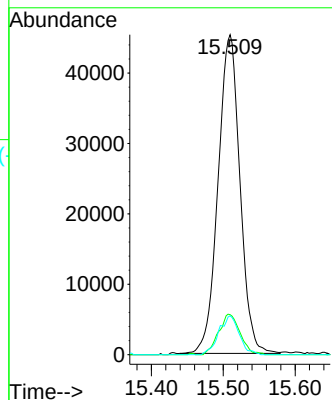
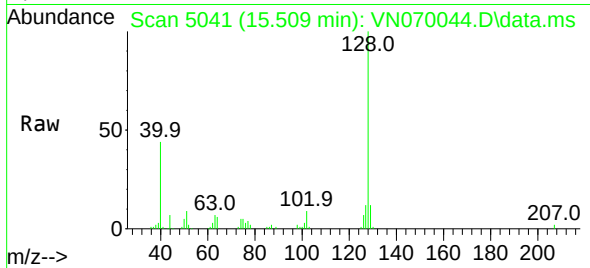




#95  
Naphthalene  
Concen: 6.281 ug/l  
RT: 15.509 min Scan# 5040  
Delta R.T. 0.002 min  
Lab File: VN070044.D  
Acq: 13 Dec 2021 21:09

Instrument :  
MSVOA\_N  
ClientSampleId :

Tgt Ion:128 Resp: 95605  
Ion Ratio Lower Upper  
128 100  
127 12.4 10.5 15.7  
129 11.3 8.7 13.1



#96  
1,2,3-Trichlorobenzene  
Concen: 4.408 ug/l  
RT: 15.700 min Scan# 5112  
Delta R.T. -0.002 min  
Lab File: VN070044.D  
Acq: 13 Dec 2021 21:09

Tgt Ion:180 Resp: 25998  
Ion Ratio Lower Upper  
180 100  
182 93.8 47.4 142.2  
145 34.1 15.0 45.1

