

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN102621\  
 Data File : VN069169.D  
 Acq On : 25 Oct 2021 22:46  
 Operator : JC/MD  
 Sample : M4284-15  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Oct 26 01:37:46 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N101221W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Oct 13 05:44:40 2021  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 8.088  | 168  | 768815   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.971  | 114  | 1350034  | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.746 | 117  | 1195449  | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.675 | 152  | 484866   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |          |
|-----------------------------|--------|-------|----------|----------|------|----------|
| System Monitoring Compounds |        |       |          |          |      |          |
| 33) 1,2-Dichloroethane-d4   | 8.442  | 65    | 497970   | 49.126   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 61 - 141 | Recovery | =    | 98.260%  |
| 35) Dibromofluoromethane    | 8.029  | 113   | 374679   | 47.702   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 69 - 133 | Recovery | =    | 95.400%  |
| 50) Toluene-d8              | 10.443 | 98    | 1608233  | 51.173   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 65 - 126 | Recovery | =    | 102.340% |
| 62) 4-Bromofluorobenzene    | 12.733 | 95    | 644172   | 54.327   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 58 - 135 | Recovery | =    | 108.660% |

|                               |        |     |         |         |        |    |
|-------------------------------|--------|-----|---------|---------|--------|----|
| Target Compounds              |        |     |         | Qvalue  |        |    |
| 2) Dichlorodifluoromethane    | 2.300  | 85  | 1264    | 1.372   | ug/l   | 95 |
| 3) Chloromethane              | 2.276  | 50  | 2776    | 0.295   | ug/l # | 78 |
| 5) Bromomethane               | 2.850  | 94  | 1387    | 0.264   | ug/l   | 94 |
| 6) Chloroethane               | 3.000  | 64  | 539279  | 95.872  | ug/l   | 98 |
| 8) Diethyl Ether              | 3.802  | 74  | 610052  | 122.371 | ug/l   | 77 |
| 11) Tert butyl alcohol        | 5.369  | 59  | 1373    | 0.741   | ug/l # | 9  |
| 13) Acrolein                  | 4.226  | 56  | 250208  | 305.366 | ug/l # | 13 |
| 16) Acetone                   | 4.339  | 43  | 877235  | 231.903 | ug/l # | 1  |
| 20) Methylene Chloride        | 5.103  | 84  | 2745    | 0.315   | ug/l # | 77 |
| 22) Diisopropyl ether         | 6.723  | 45  | 2744623 | 99.106  | ug/l # | 1  |
| 23) Vinyl Acetate             | 6.723  | 43  | 5708252 | 272.649 | ug/l # | 72 |
| 25) 2-Butanone                | 7.345  | 43  | 954557  | 166.875 | ug/l   | 98 |
| 26) 2,2-Dichloropropane       | 7.324  | 77  | 3979    | 0.277   | ug/l # | 53 |
| 29) Tetrahydrofuran           | 7.699  | 42  | 3859    | 1.040   | ug/l # | 33 |
| 31) Cyclohexane               | 8.088  | 56  | 16497   | 1.047   | ug/l # | 1  |
| 36) 1,1-Dichloropropene       | 8.088  | 75  | 60551   | 5.251   | ug/l # | 50 |
| 37) Ethyl Acetate             | 7.345  | 43  | 954557  | 80.150  | ug/l # | 68 |
| 38) Carbon Tetrachloride      | 8.088  | 117 | 79141   | 6.249   | ug/l # | 15 |
| 45) 1,2-Dichloropropane       | 9.480  | 63  | 22817   | 2.504   | ug/l # | 1  |
| 48) Methyl methacrylate       | 9.558  | 41  | 657835  | 66.627  | ug/l # | 21 |
| 49) 1,4-Dioxane               | 9.561  | 88  | 18147   | 126.576 | ug/l # | 1  |
| 51) 4-Methyl-2-Pentanone      | 10.607 | 43  | 1044316 | 85.710  | ug/l # | 1  |
| 52) Toluene                   | 10.507 | 92  | 11960   | 0.529   | ug/l   | 96 |
| 56) Ethyl methacrylate        | 10.580 | 69  | 357509  | 23.906  | ug/l # | 23 |
| 57) 1,3-Dichloropropane       | 11.092 | 76  | 20662   | 1.407   | ug/l # | 42 |
| 58) 2-Chloroethyl Vinyl ether | 10.076 | 63  | 143     | 18.788  | ug/l # | 47 |
| 59) 2-Hexanone                | 10.829 | 43  | 16295   | 1.865   | ug/l   | 86 |
| 68) m/p-Xylenes               | 11.956 | 106 | 8053    | 0.506   | ug/l   | 96 |
| 74) N-amyl acetate            | 12.353 | 43  | 15154   | 0.991   | ug/l # | 34 |
| 75) 1,1,2,2-Tetrachloroethane | 12.881 | 83  | 58869   | 5.047   | ug/l # | 26 |
| 76) 1,2,3-Trichloropropane    | 12.733 | 75  | 291079  | 28.215  | ug/l # | 1  |
| 81) trans-1,4-Dichloro-2-b... | 12.733 | 75  | 291079  | 67.502  | ug/l # | 64 |
| 84) 1,2,4-Trimethylbenzene    | 13.377 | 105 | 22811   | 0.704   | ug/l   | 89 |
| 85) sec-Butylbenzene          | 13.484 | 105 | 9038    | 0.223   | ug/l # | 57 |
| 93) 1,2,4-Trichlorobenzene    | 15.262 | 180 | 564     | 2.667   | ug/l   | 94 |
| 95) Naphthalene               | 15.507 | 128 | 5492    | 4.037   | ug/l # | 92 |

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ClientSampleId :

Quant Time: Oct 26 01:37:46 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N101221W.M  
Quant Title : SW846 8260  
QLast Update : Wed Oct 13 05:44:40 2021  
Response via : Initial Calibration

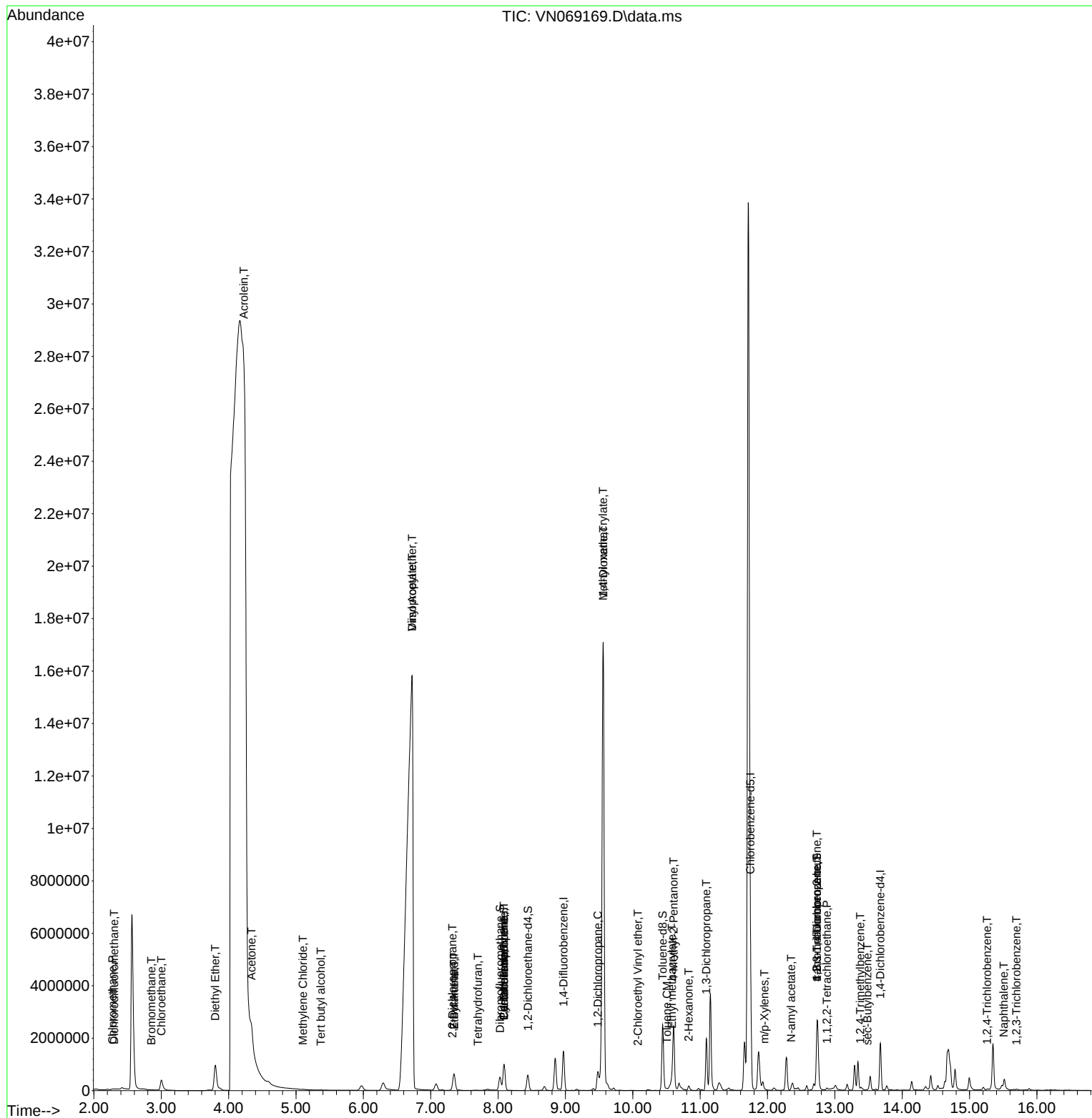
| Compound                   | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|----------------------------|--------|------|----------|-------|--------|----------|
| 96) 1,2,3-Trichlorobenzene | 15.697 | 180  | 319      | 2.553 | ug/l # | 50       |

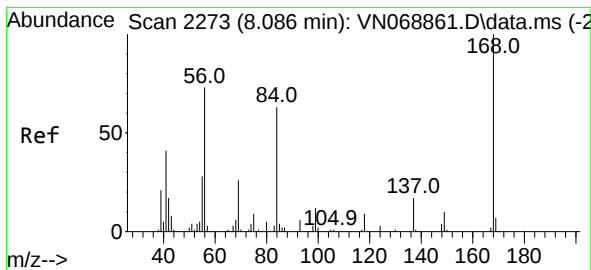
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.088 min Scan# 2274

Delta R.T. 0.002 min

Lab File: VN069169.D

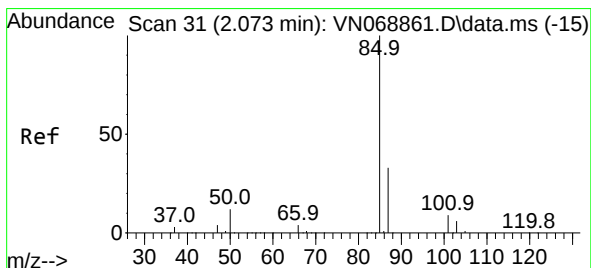
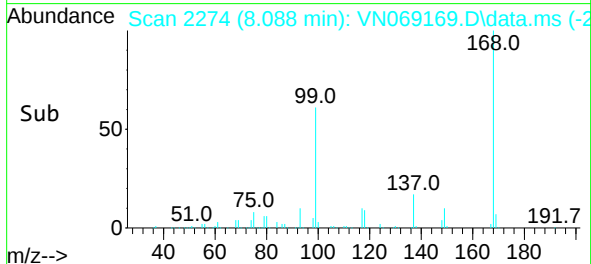
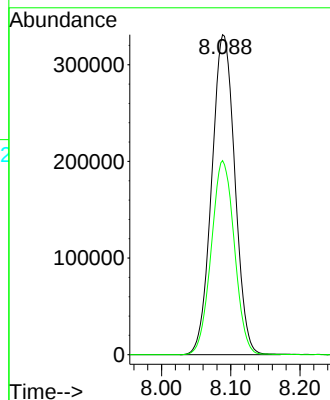
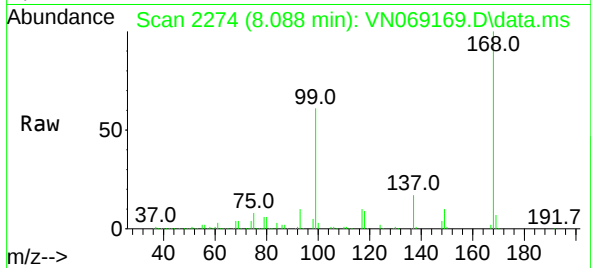
Acq: 25 Oct 2021 22:46

Tgt Ion:168 Resp: 768815

Ion Ratio Lower Upper

168 100

99 60.6 48.9 73.3



#2

Dichlorodifluoromethane

Concen: 1.372 ug/l

RT: 2.300 min Scan# 116

Delta R.T. 0.227 min

Lab File: VN069169.D

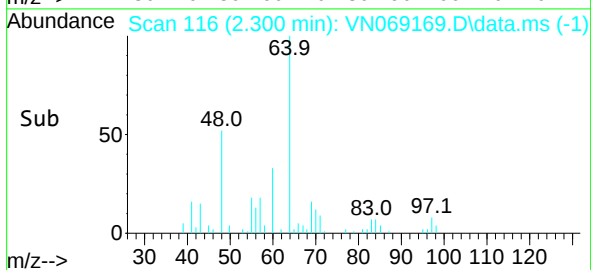
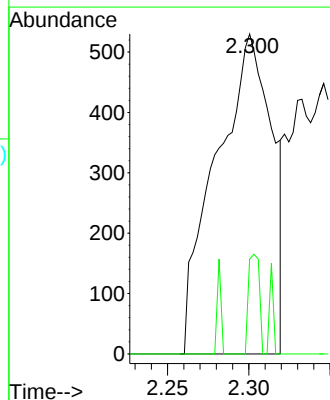
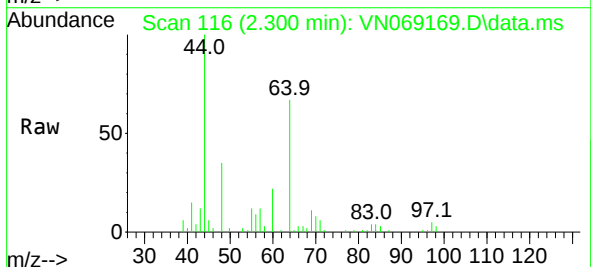
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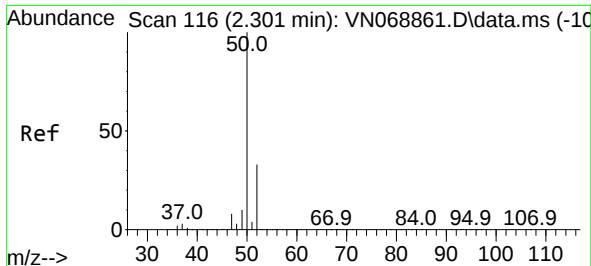
Tgt Ion: 85 Resp: 1264

Ion Ratio Lower Upper

85 100

87 29.6 16.3 48.8

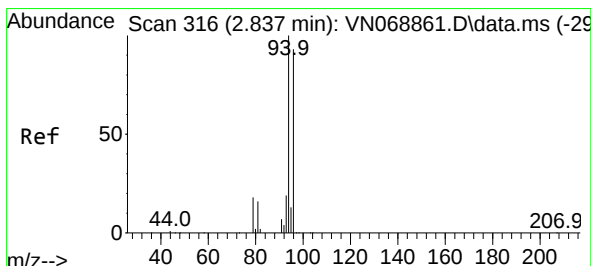
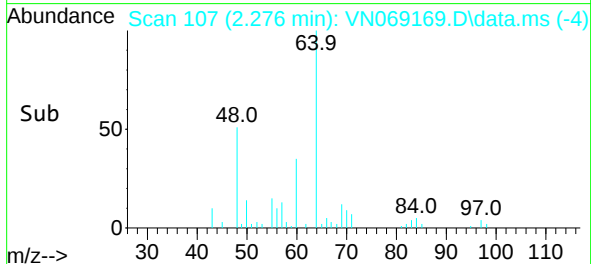
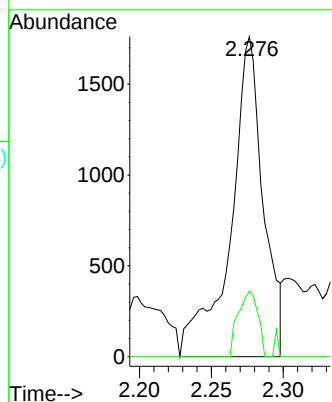
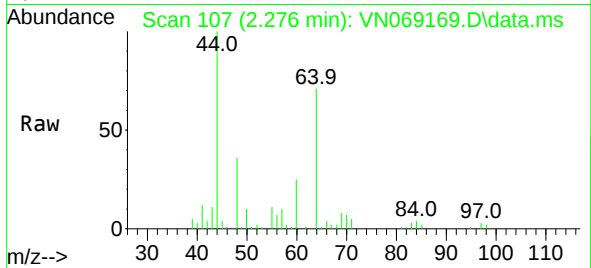




#3  
Chloromethane  
Concen: 0.295 ug/l  
RT: 2.276 min Scan# 107  
Delta R.T. -0.024 min  
Lab File: VN069169.D  
Acq: 25 Oct 2021 22:46

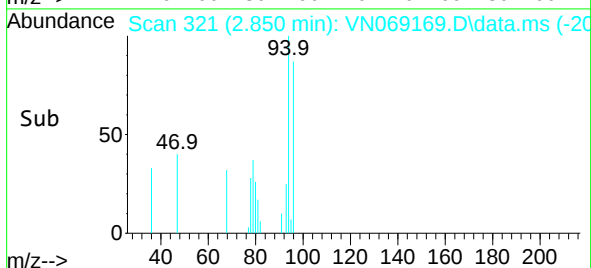
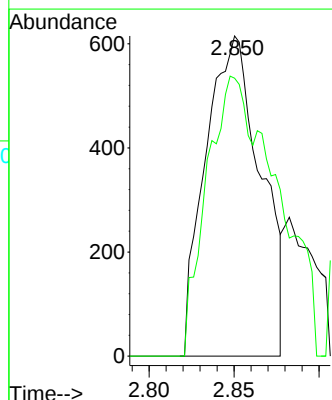
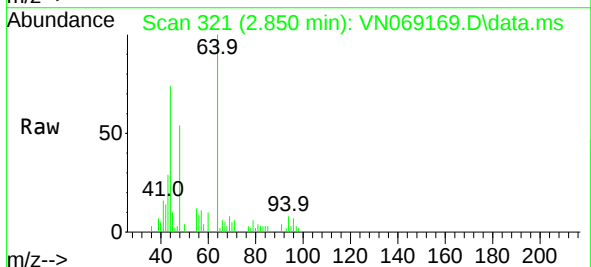
Instrument :  
MSVOA\_N  
ClientSampled :

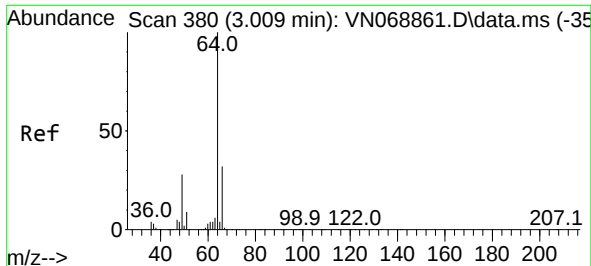
Tgt Ion: 50 Resp: 2776  
Ion Ratio Lower Upper  
50 100  
52 20.4 26.3 39.5#



#5  
Bromomethane  
Concen: 0.264 ug/l  
RT: 2.850 min Scan# 321  
Delta R.T. 0.013 min  
Lab File: VN069169.D  
Acq: 25 Oct 2021 22:46

Tgt Ion: 94 Resp: 1387  
Ion Ratio Lower Upper  
94 100  
96 86.8 74.2 111.4

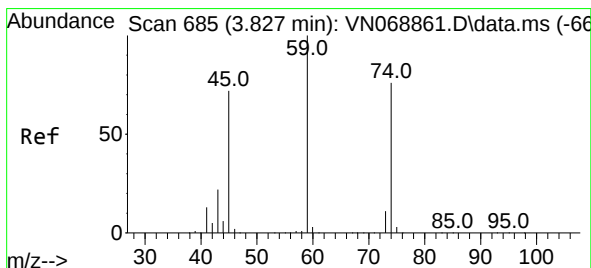
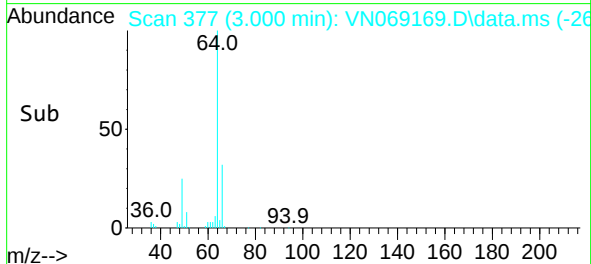
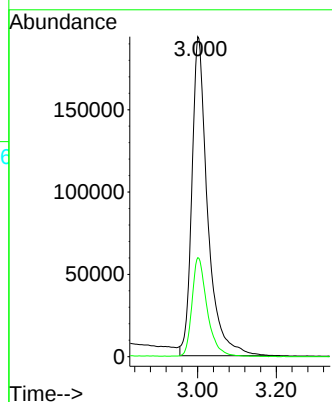
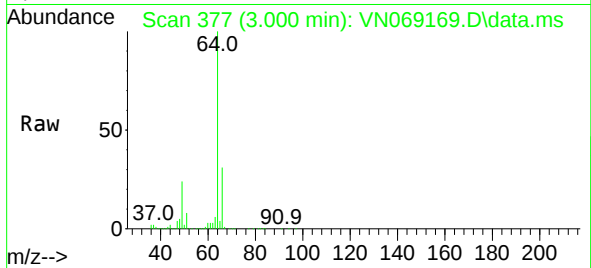




#6  
Chloroethane  
Concen: 95.872 ug/l  
RT: 3.000 min Scan# 377  
Delta R.T. -0.008 min  
Lab File: VN069169.D  
Acq: 25 Oct 2021 22:46

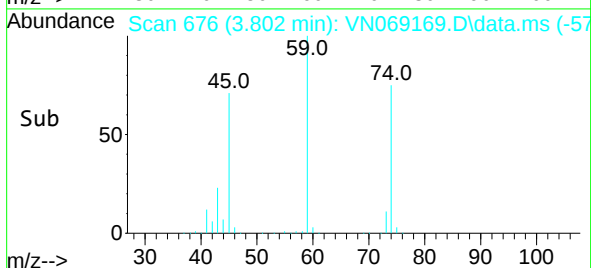
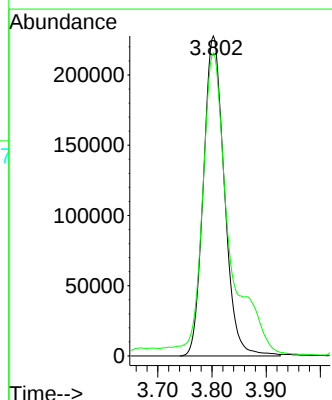
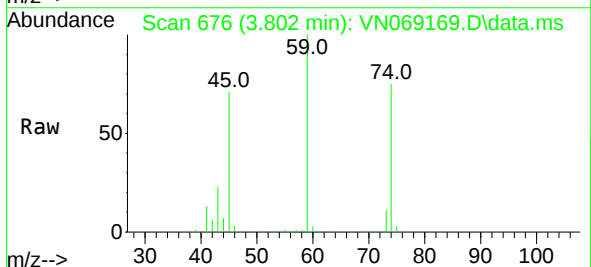
Instrument :  
MSVOA\_N  
ClientSampled :

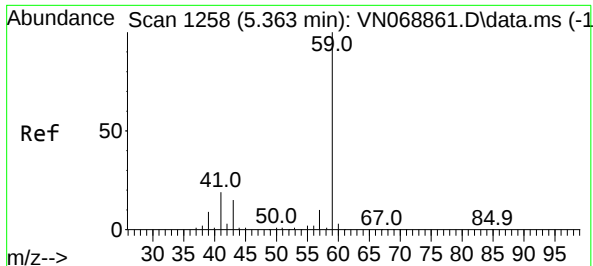
Tgt Ion: 64 Resp: 539279  
Ion Ratio Lower Upper  
64 100  
66 31.0 25.6 38.4



#8  
Diethyl Ether  
Concen: 122.371 ug/l  
RT: 3.802 min Scan# 676  
Delta R.T. -0.024 min  
Lab File: VN069169.D  
Acq: 25 Oct 2021 22:46

Tgt Ion: 74 Resp: 610052  
Ion Ratio Lower Upper  
74 100  
45 116.5 47.0 141.2



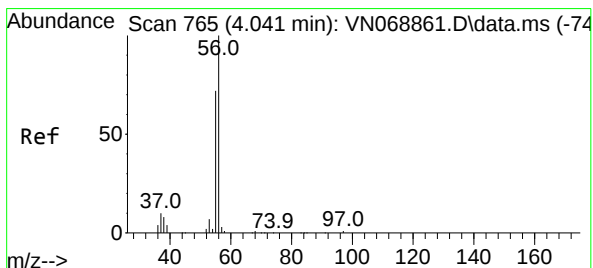
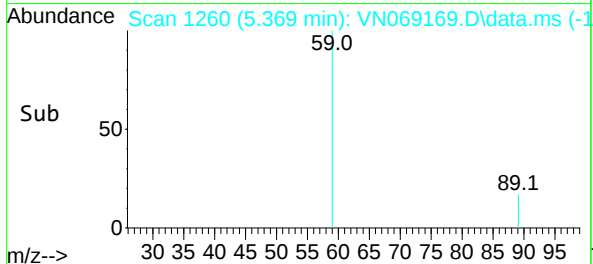
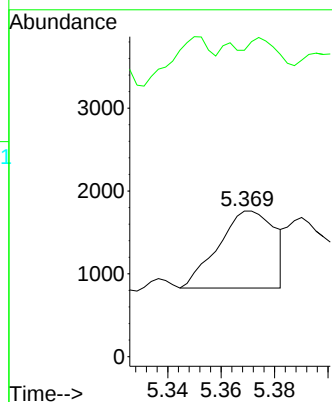
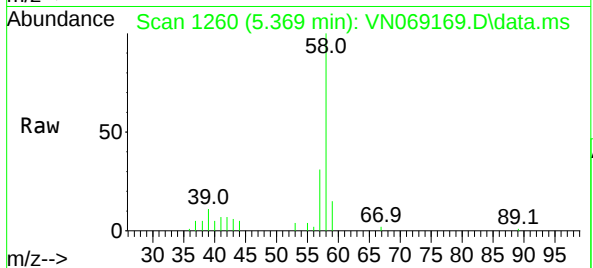


#11

Tert butyl alcohol  
Concen: 0.741 ug/l  
RT: 5.369 min Scan# 1260  
Delta R.T. 0.005 min  
Lab File: VN069169.D  
Acq: 25 Oct 2021 22:46

Instrument :  
MSVOA\_N  
ClientSampled :

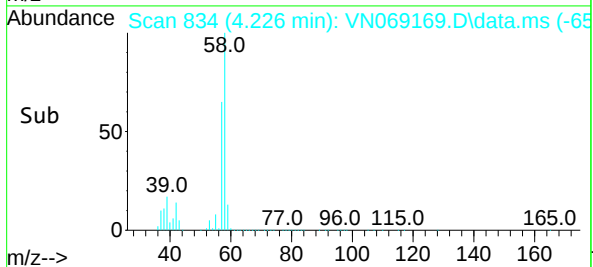
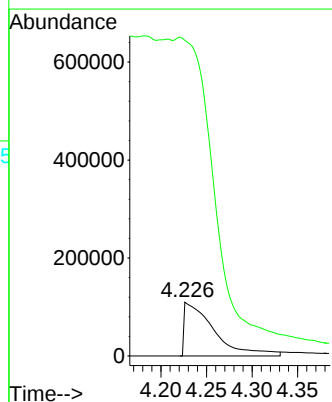
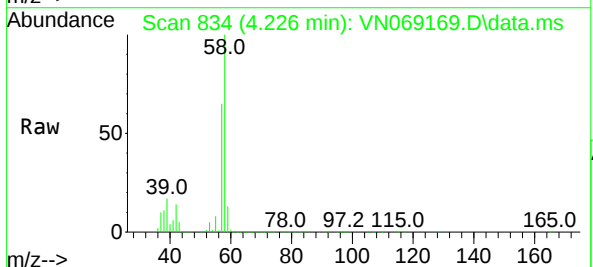
Tgt Ion: 59 Resp: 1373  
Ion Ratio Lower Upper  
59 100  
57 44.4 8.3 12.5#

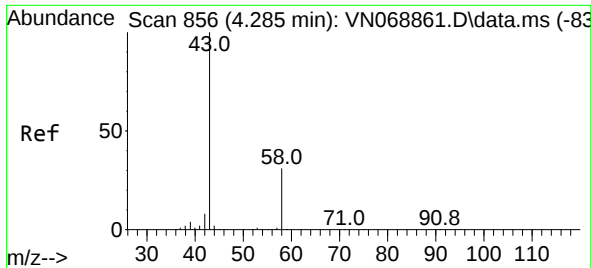


#13

Acrolein  
Concen: 305.366 ug/l  
RT: 4.226 min Scan# 834  
Delta R.T. 0.185 min  
Lab File: VN069169.D  
Acq: 25 Oct 2021 22:46

Tgt Ion: 56 Resp: 250208  
Ion Ratio Lower Upper  
56 100  
55 0.0 58.1 87.1#

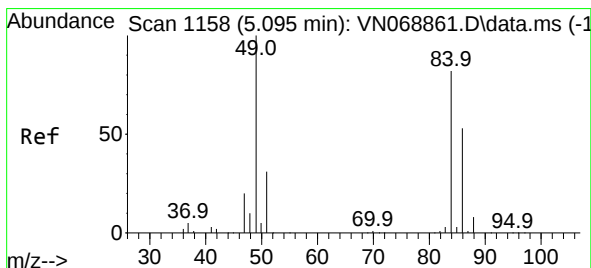
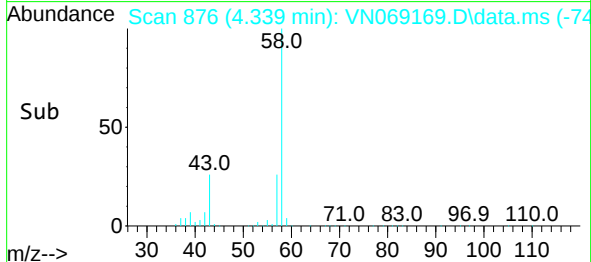
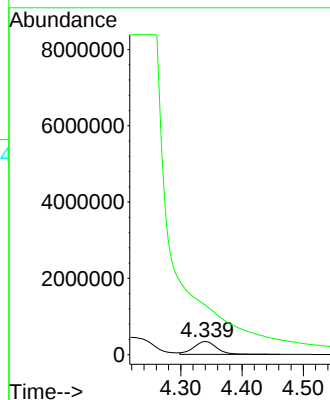
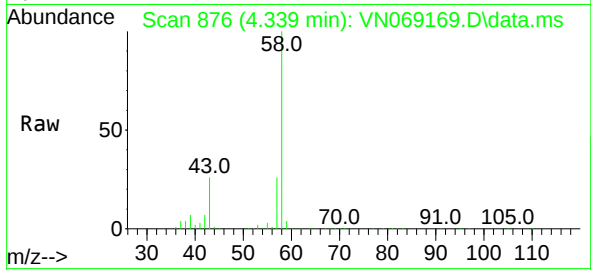




#16  
Acetone  
Concen: 231.903 ug/l  
RT: 4.339 min Scan# 876  
Delta R.T. 0.054 min  
Lab File: VN069169.D  
Acq: 25 Oct 2021 22:46

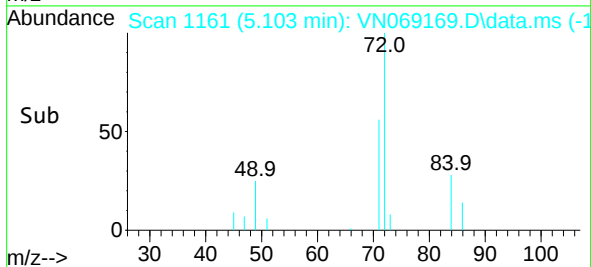
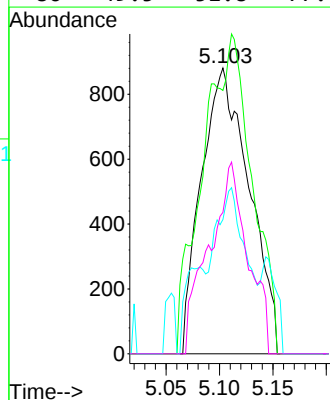
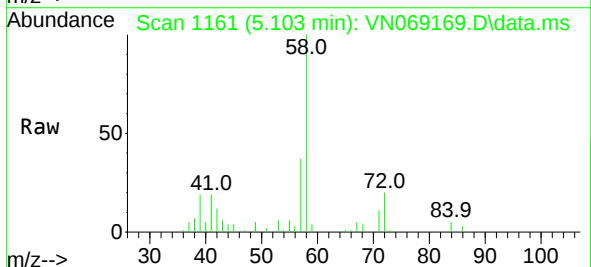
Instrument :  
MSVOA\_N  
ClientSampled :

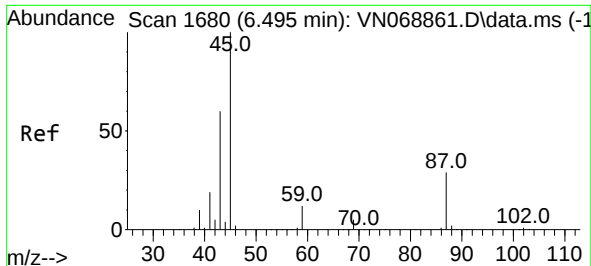
Tgt Ion: 43 Resp: 877235  
Ion Ratio Lower Upper  
43 100  
58 274.5 24.5 36.7#



#20  
Methylene Chloride  
Concen: 0.315 ug/l  
RT: 5.103 min Scan# 1161  
Delta R.T. 0.008 min  
Lab File: VN069169.D  
Acq: 25 Oct 2021 22:46

Tgt Ion: 84 Resp: 2745  
Ion Ratio Lower Upper  
84 100  
49 92.2 97.6 146.4#  
51 47.0 30.3 45.5#  
86 49.5 51.8 77.6#



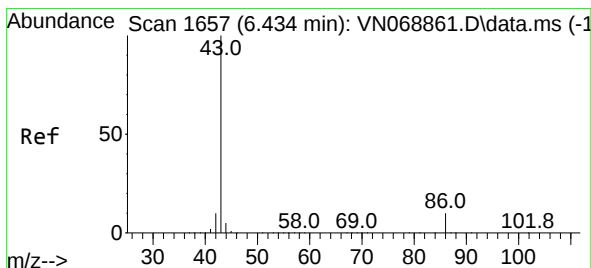
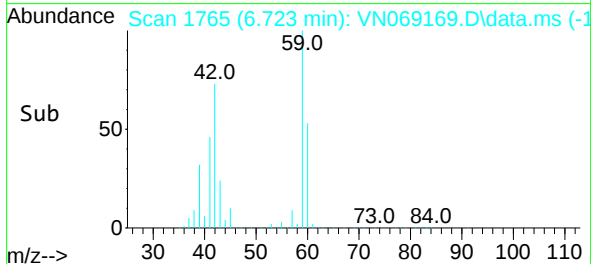
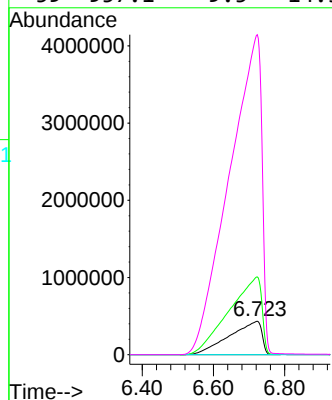
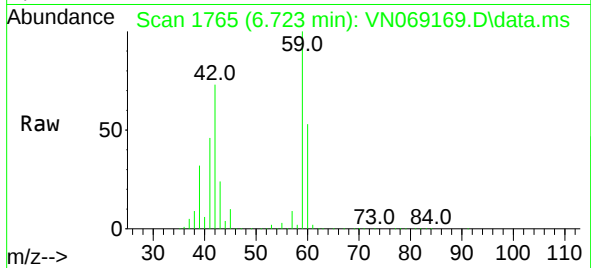


#22  
Diisopropyl ether  
Concen: 99.106 ug/l  
RT: 6.723 min Scan# 1765  
Delta R.T. 0.228 min  
Lab File: VN069169.D  
Acq: 25 Oct 2021 22:46

Instrument :  
MSVOA\_N  
ClientSampleId :

Tgt Ion: 45 Resp: 2744623

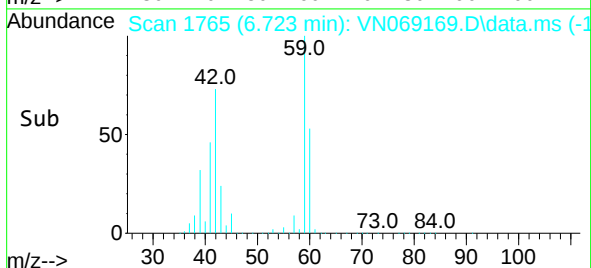
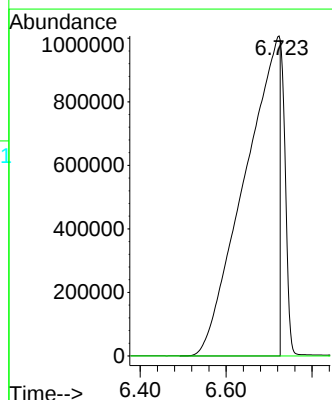
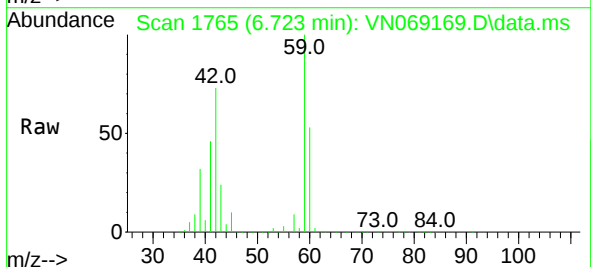
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 45  | 100   |       |       |
| 43  | 232.5 | 48.0  | 72.0# |
| 87  | 0.0   | 23.4  | 35.0# |
| 59  | 957.1 | 9.5   | 14.3# |

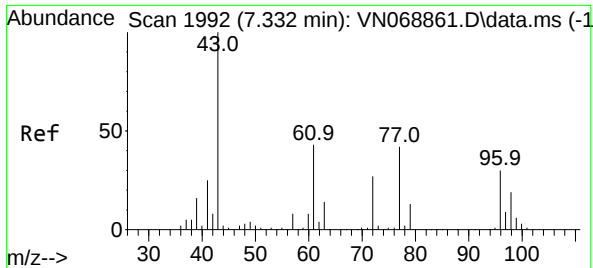


#23  
Vinyl Acetate  
Concen: 272.649 ug/l  
RT: 6.723 min Scan# 1765  
Delta R.T. 0.290 min  
Lab File: VN069169.D  
Acq: 25 Oct 2021 22:46

Tgt Ion: 43 Resp: 5708252

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 86  | 0.0   | 8.3   | 12.5# |

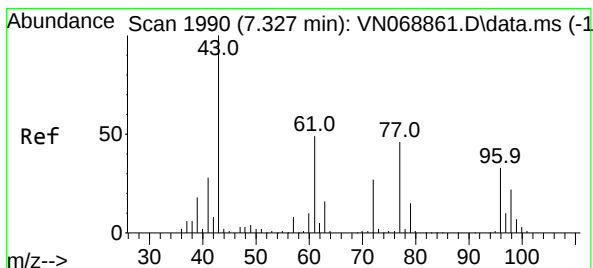
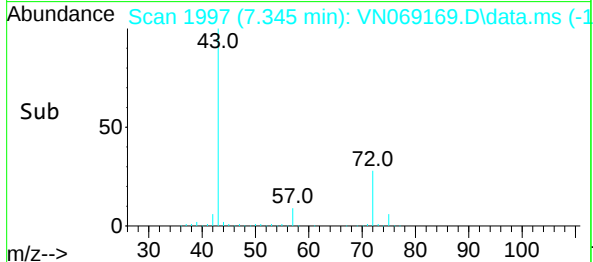
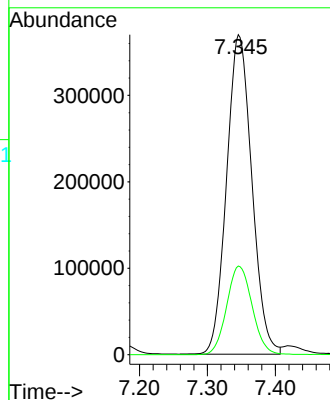
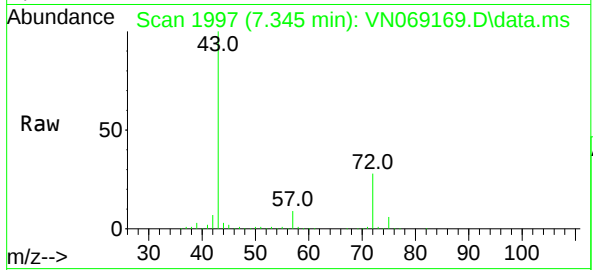




#25  
2-Butanone  
Concen: 166.875 ug/l  
RT: 7.345 min Scan# 1997  
Delta R.T. 0.013 min  
Lab File: VN069169.D  
Acq: 25 Oct 2021 22:46

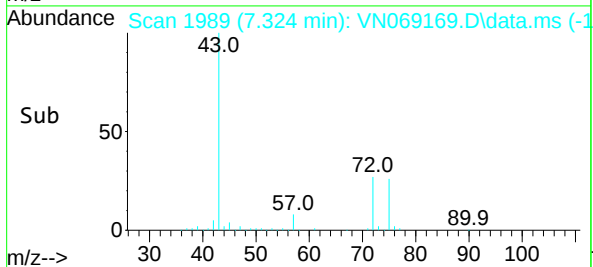
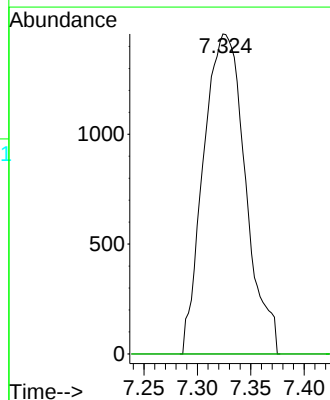
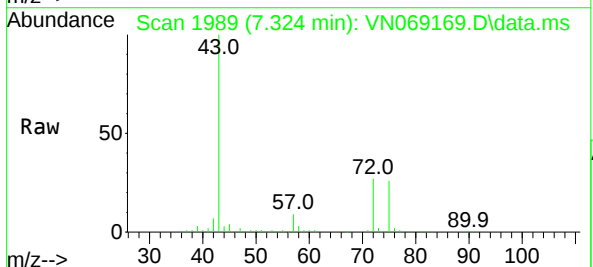
Instrument :  
MSVOA\_N  
ClientSampled :

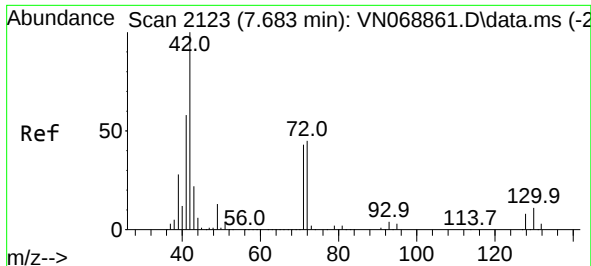
Tgt Ion: 43 Resp: 954557  
Ion Ratio Lower Upper  
43 100  
72 27.7 21.2 31.8



#26  
2,2-Dichloropropane  
Concen: 0.277 ug/l  
RT: 7.324 min Scan# 1989  
Delta R.T. -0.003 min  
Lab File: VN069169.D  
Acq: 25 Oct 2021 22:46

Tgt Ion: 77 Resp: 3979  
Ion Ratio Lower Upper  
77 100  
97 0.0 11.2 33.6#





#29

Tetrahydrofuran

Concen: 1.040 ug/l

RT: 7.699 min Scan# 2129

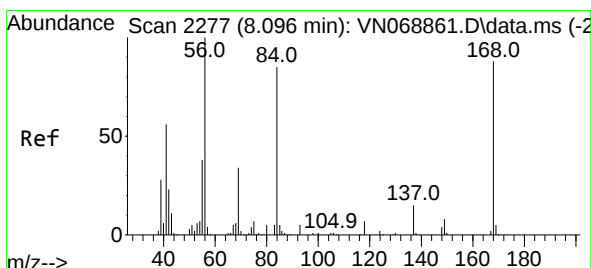
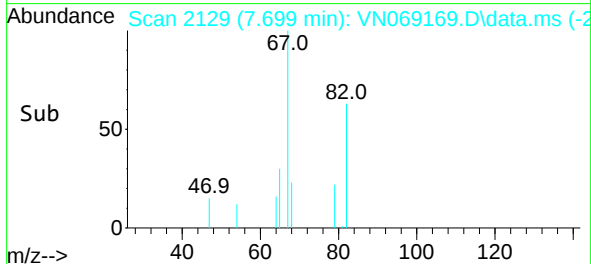
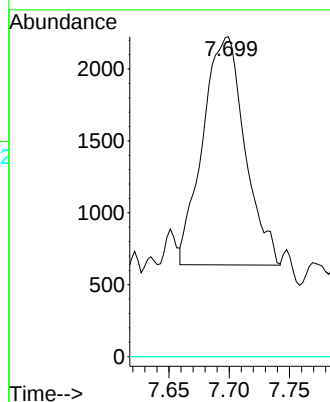
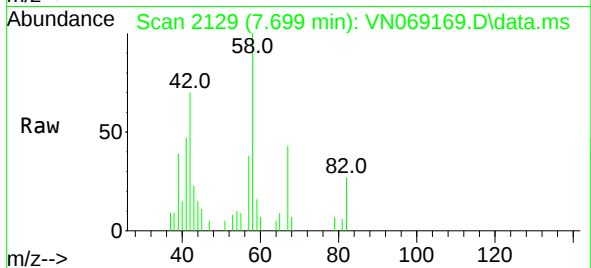
Delta R.T. 0.016 min

Lab File: VN069169.D

Acq: 25 Oct 2021 22:46

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 42    | Resp: | 3859  |
| Ion      | Ratio | Lower | Upper |
| 42       | 100   |       |       |
| 72       | 0.0   | 35.4  | 53.2# |
| 71       | 0.0   | 33.8  | 50.6# |

Instrument :  
MSVOA\_N  
ClientSampleId :



#31

Cyclohexane

Concen: 1.047 ug/l

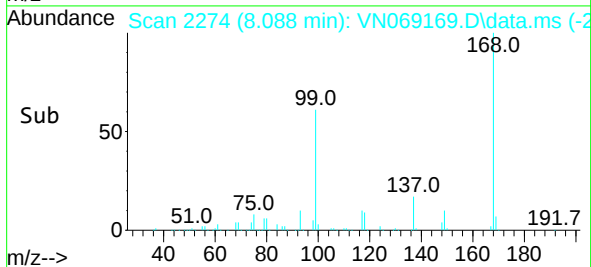
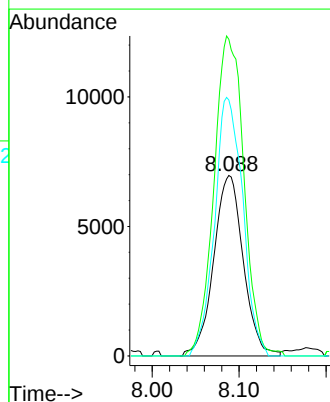
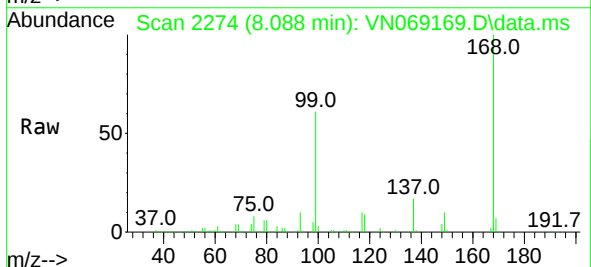
RT: 8.088 min Scan# 2274

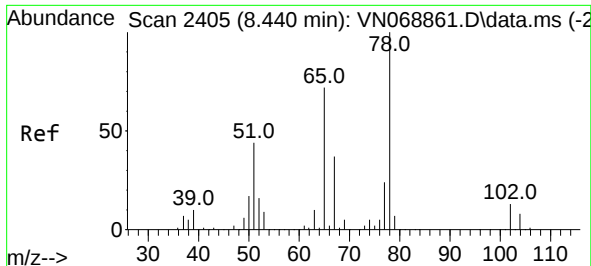
Delta R.T. -0.008 min

Lab File: VN069169.D

Acq: 25 Oct 2021 22:46

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 56    | Resp: | 16497  |
| Ion      | Ratio | Lower | Upper  |
| 56       | 100   |       |        |
| 69       | 175.5 | 26.9  | 40.3#  |
| 84       | 141.9 | 67.6  | 101.4# |



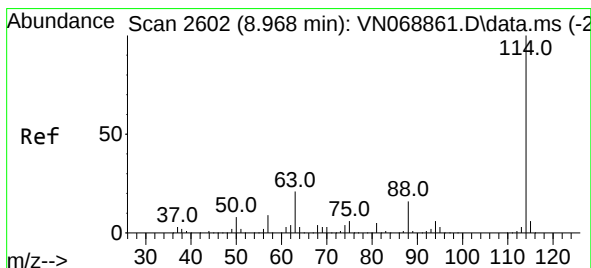
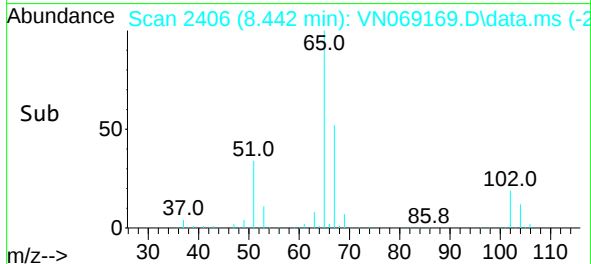
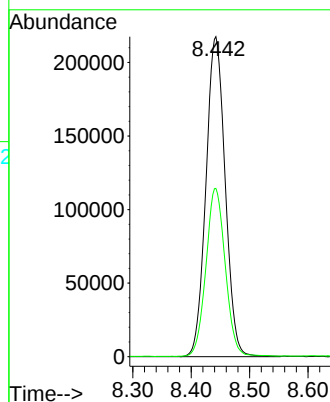
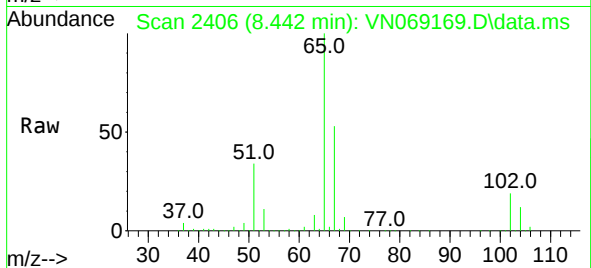


#33

1,2-Dichloroethane-d4  
Concen: 49.126 ug/l  
RT: 8.442 min Scan# 2406  
Delta R.T. 0.003 min  
Lab File: VN069169.D  
Acq: 25 Oct 2021 22:46

Instrument :  
MSVOA\_N  
ClientSampled :

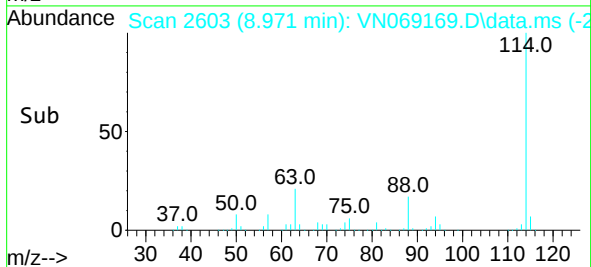
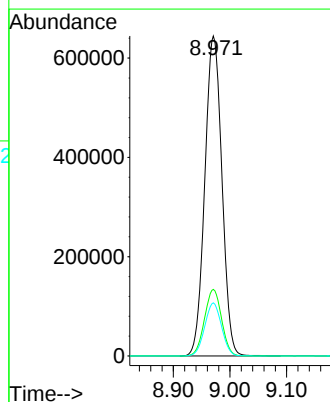
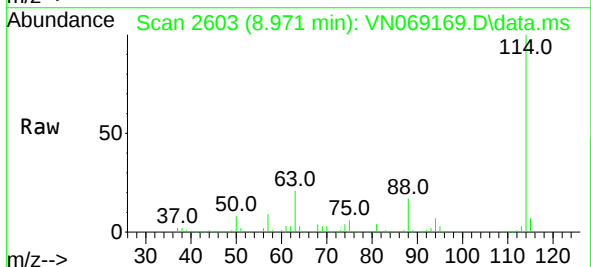
Tgt Ion: 65 Resp: 497970  
Ion Ratio Lower Upper  
65 100  
67 52.4 0.0 103.8

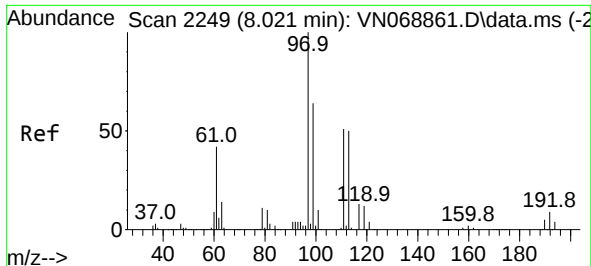


#34

1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 8.971 min Scan# 2603  
Delta R.T. 0.003 min  
Lab File: VN069169.D  
Acq: 25 Oct 2021 22:46

Tgt Ion: 114 Resp: 1350034  
Ion Ratio Lower Upper  
114 100  
63 20.8 0.0 42.6  
88 16.6 0.0 32.0

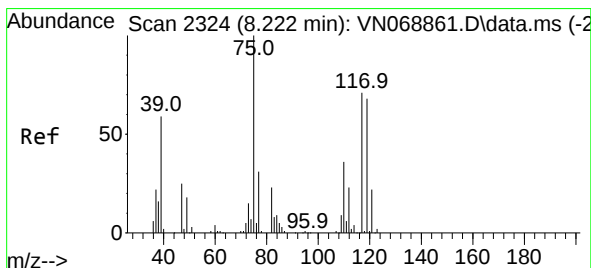
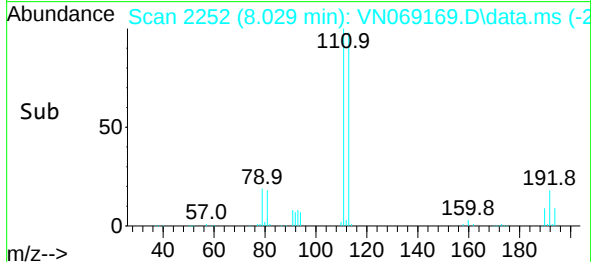
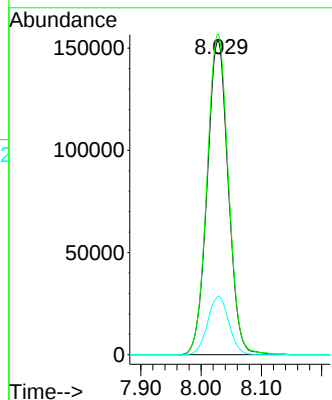
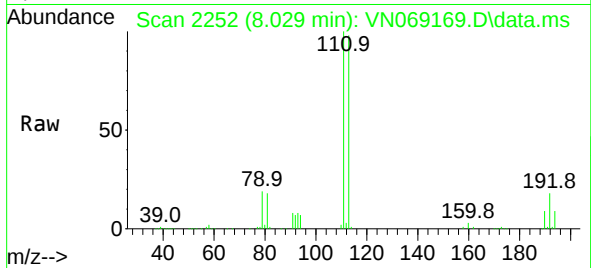




#35  
Dibromofluoromethane  
Concen: 47.702 ug/l  
RT: 8.029 min Scan# 2252  
Delta R.T. 0.008 min  
Lab File: VN069169.D  
Acq: 25 Oct 2021 22:46

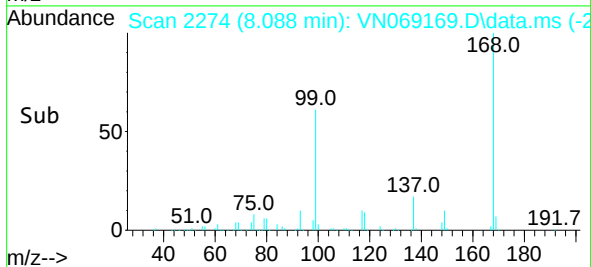
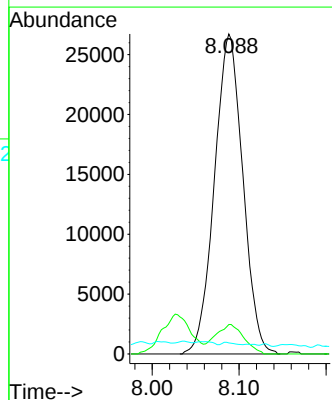
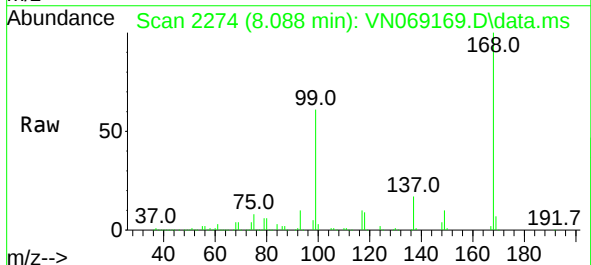
Instrument :  
MSVOA\_N  
ClientSampled :

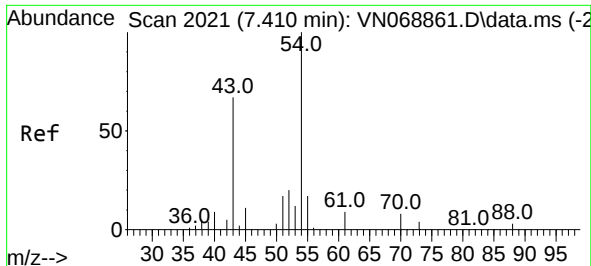
Tgt Ion:113 Resp: 374679  
Ion Ratio Lower Upper  
113 100  
111 103.5 83.2 124.8  
192 18.7 15.0 22.4



#36  
1,1-Dichloropropene  
Concen: 5.251 ug/l  
RT: 8.088 min Scan# 2274  
Delta R.T. -0.134 min  
Lab File: VN069169.D  
Acq: 25 Oct 2021 22:46

Tgt Ion: 75 Resp: 60551  
Ion Ratio Lower Upper  
75 100  
110 9.2 17.9 53.8#  
77 0.3 24.7 37.1#





#37

Ethyl Acetate

Concen: 80.150 ug/l

RT: 7.345 min Scan# 1997

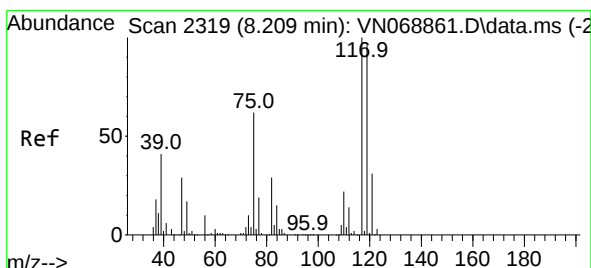
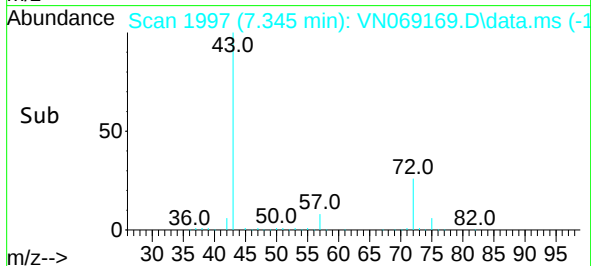
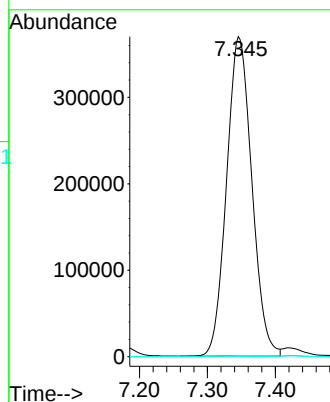
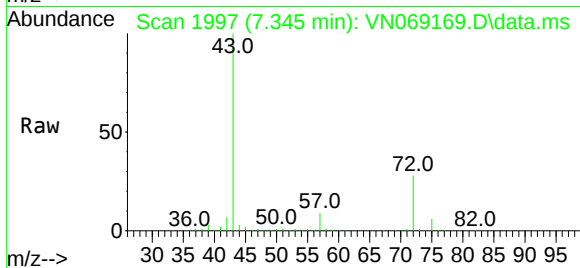
Delta R.T. -0.064 min

Lab File: VN069169.D

Acq: 25 Oct 2021 22:46

|             |              |
|-------------|--------------|
| Tgt Ion: 43 | Resp: 954557 |
| Ion Ratio   | Lower Upper  |
| 43 100      |              |
| 61 0.0      | 11.2 16.8#   |
| 70 0.0      | 8.4 12.6#    |

Instrument :  
MSVOA\_N  
ClientSampleId :



#38

Carbon Tetrachloride

Concen: 6.249 ug/l

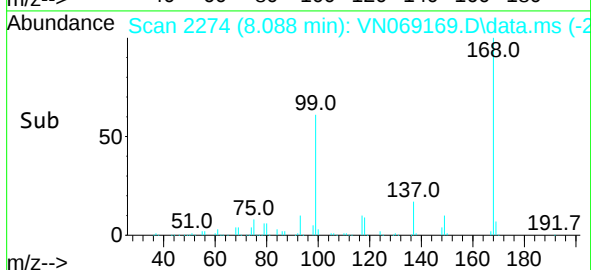
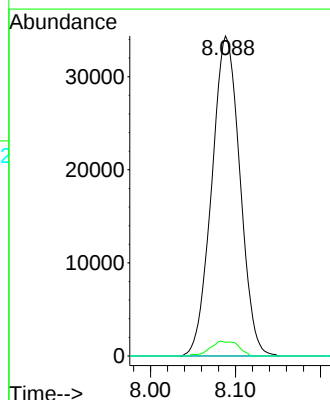
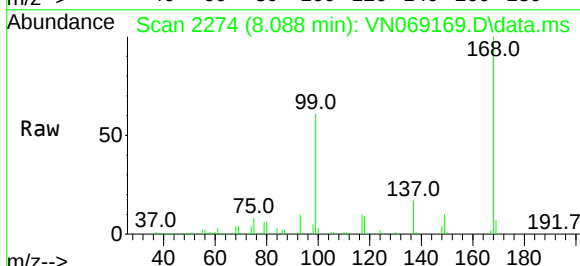
RT: 8.088 min Scan# 2274

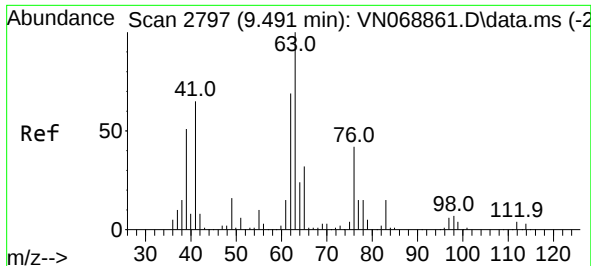
Delta R.T. -0.121 min

Lab File: VN069169.D

Acq: 25 Oct 2021 22:46

|              |             |
|--------------|-------------|
| Tgt Ion: 117 | Resp: 79141 |
| Ion Ratio    | Lower Upper |
| 117 100      |             |
| 119 4.3      | 76.9 115.3# |
| 121 0.0      | 24.6 37.0#  |

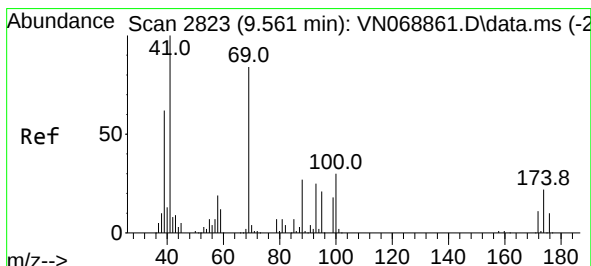
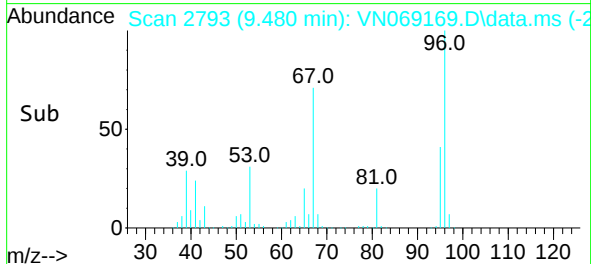
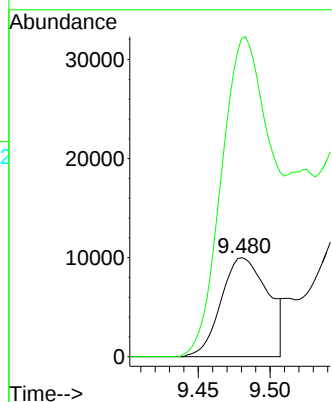
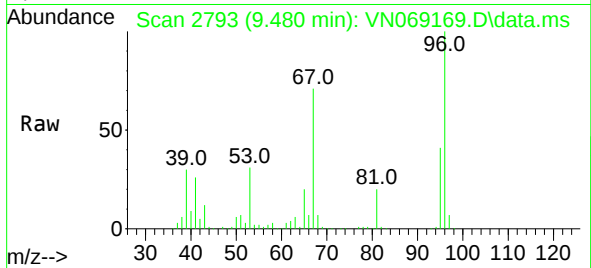




#45  
1,2-Dichloropropane  
Concen: 2.504 ug/l  
RT: 9.480 min Scan# 2793  
Delta R.T. -0.011 min  
Lab File: VN069169.D  
Acq: 25 Oct 2021 22:46

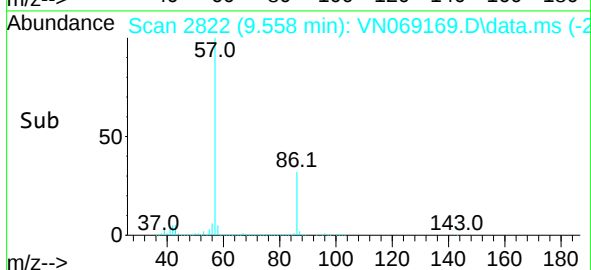
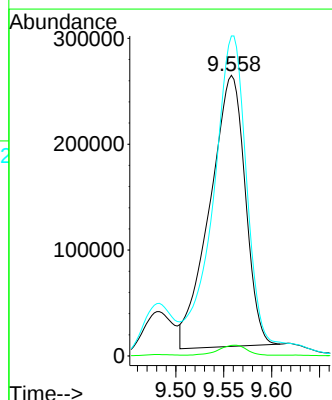
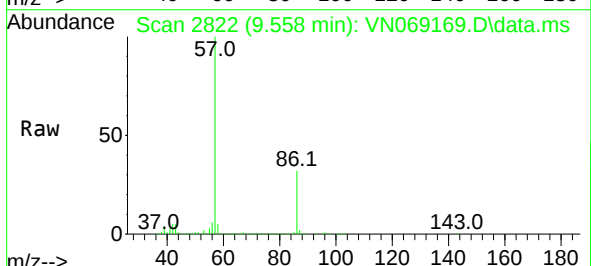
Instrument :  
MSVOA\_N  
ClientSampled :

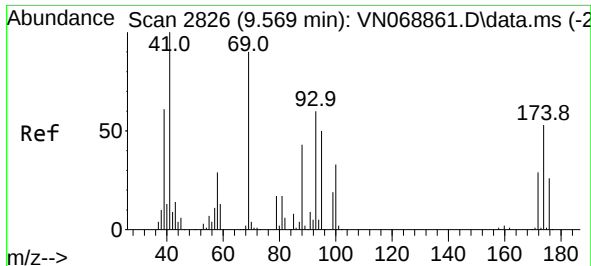
Tgt Ion: 63 Resp: 22817  
Ion Ratio Lower Upper  
63 100  
65 321.2 25.6 38.4#



#48  
Methyl methacrylate  
Concen: 66.627 ug/l  
RT: 9.558 min Scan# 2822  
Delta R.T. -0.003 min  
Lab File: VN069169.D  
Acq: 25 Oct 2021 22:46

Tgt Ion: 41 Resp: 657835  
Ion Ratio Lower Upper  
41 100  
69 3.1 66.4 99.6#  
39 114.1 50.2 75.2#

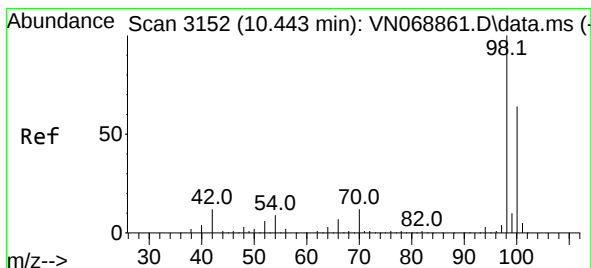
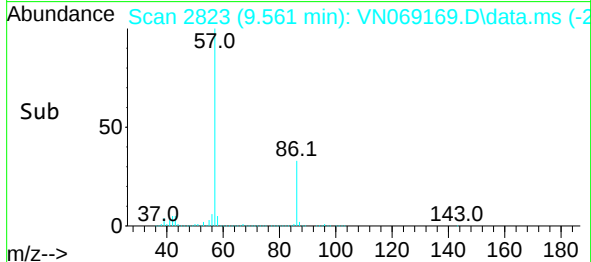
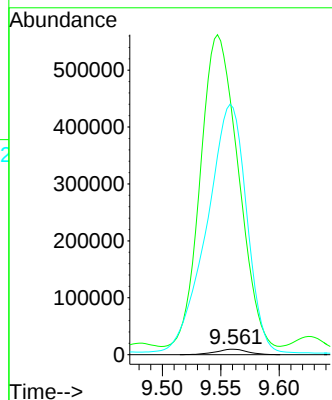
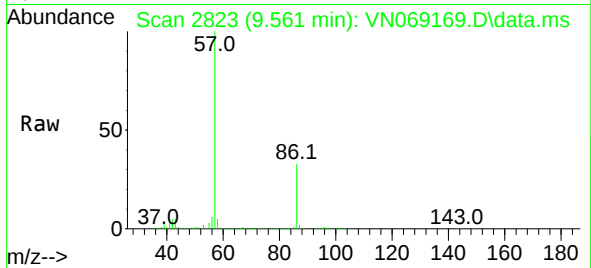




#49  
1,4-Dioxane  
Concen: 126.576 ug/l  
RT: 9.561 min Scan# 2823  
Delta R.T. -0.008 min  
Lab File: VN069169.D  
Acq: 25 Oct 2021 22:46

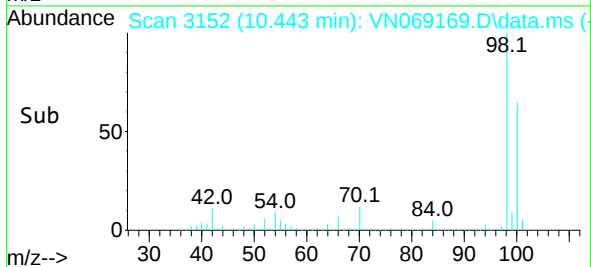
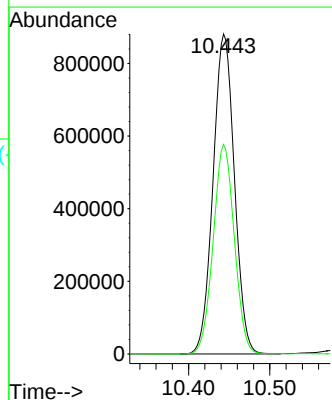
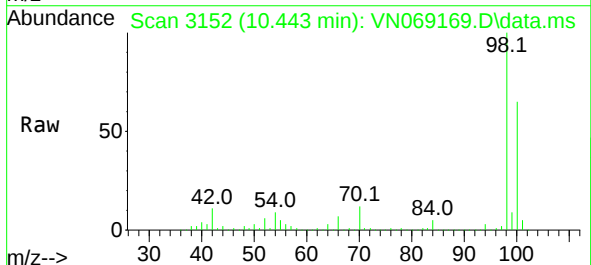
Instrument :  
MSVOA\_N  
ClientSampled :

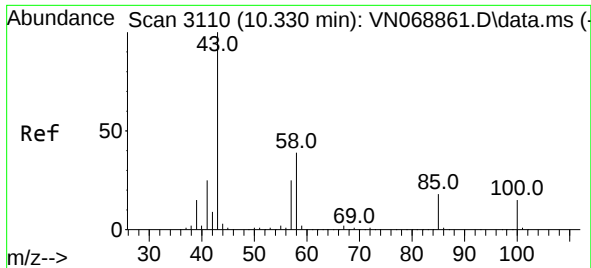
Tgt Ion: 88 Resp: 18147  
Ion Ratio Lower Upper  
88 100  
43 7172.0 24.9 37.3#  
58 5735.4 56.9 85.3#



#50  
Toluene-d8  
Concen: 51.173 ug/l  
RT: 10.443 min Scan# 3152  
Delta R.T. -0.000 min  
Lab File: VN069169.D  
Acq: 25 Oct 2021 22:46

Tgt Ion: 98 Resp: 1608233  
Ion Ratio Lower Upper  
98 100  
100 64.9 51.5 77.3

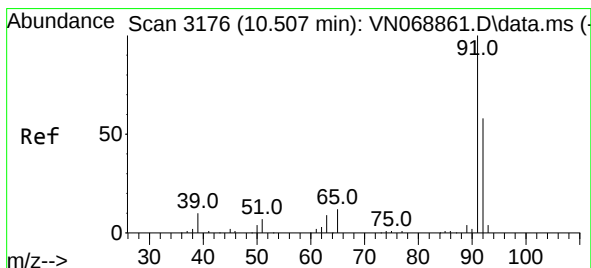
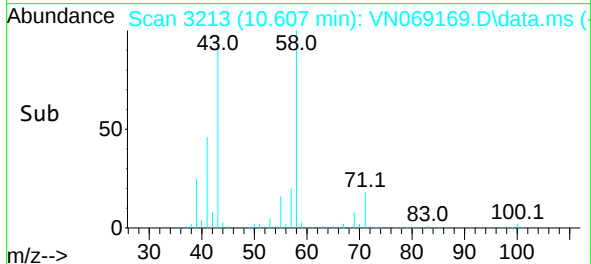
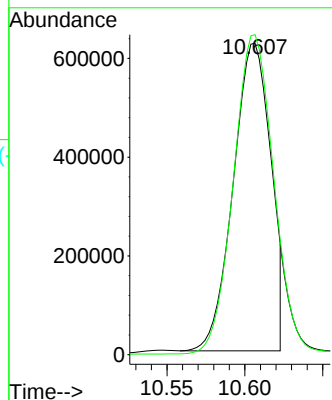
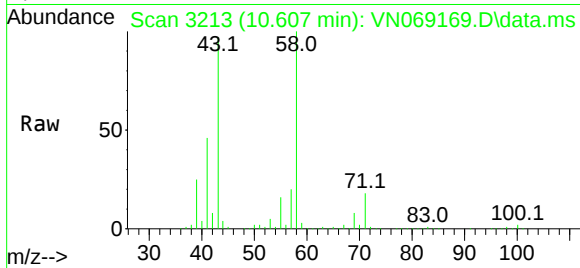




#51  
4-Methyl-2-Pentanone  
Concen: 85.710 ug/l  
RT: 10.607 min Scan# 3213  
Delta R.T. 0.276 min  
Lab File: VN069169.D  
Acq: 25 Oct 2021 22:46

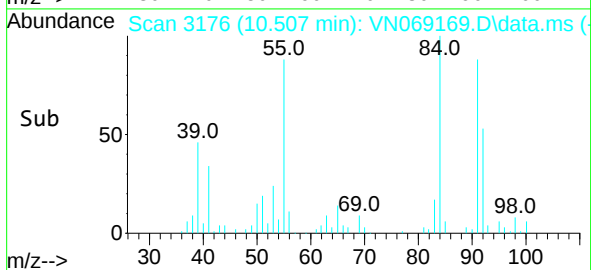
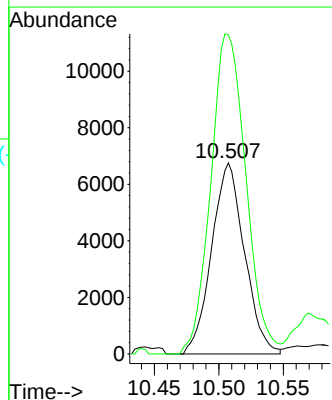
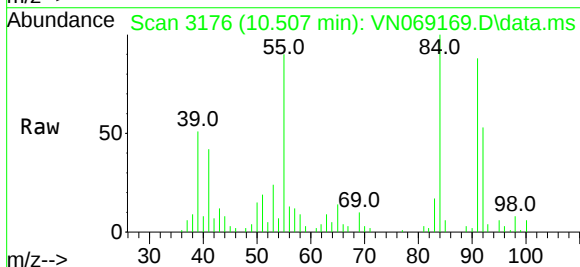
Instrument :  
MSVOA\_N  
ClientSampled :

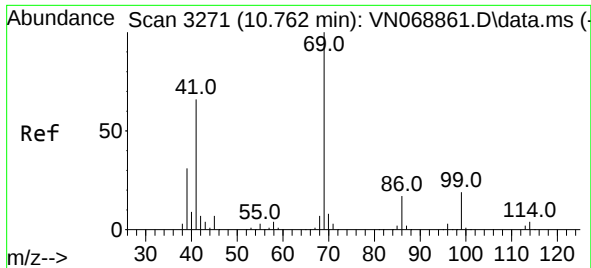
Tgt Ion: 43 Resp: 1044316  
Ion Ratio Lower Upper  
43 100  
58 103.9 31.0 46.4#



#52  
Toluene  
Concen: 0.529 ug/l  
RT: 10.507 min Scan# 3176  
Delta R.T. -0.000 min  
Lab File: VN069169.D  
Acq: 25 Oct 2021 22:46

Tgt Ion: 92 Resp: 11960  
Ion Ratio Lower Upper  
92 100  
91 178.9 138.5 207.7

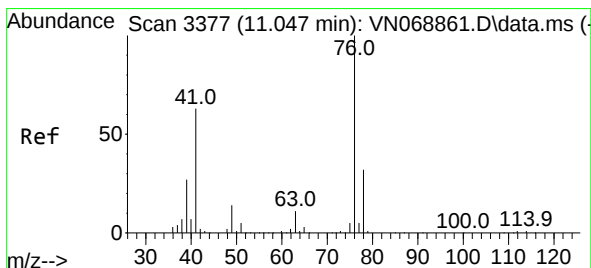
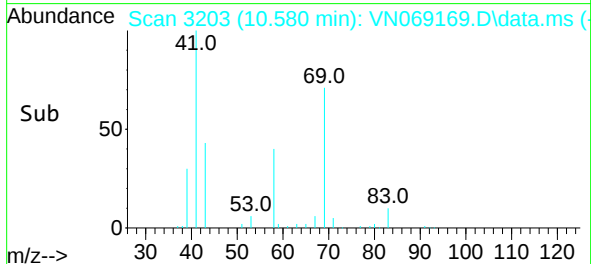
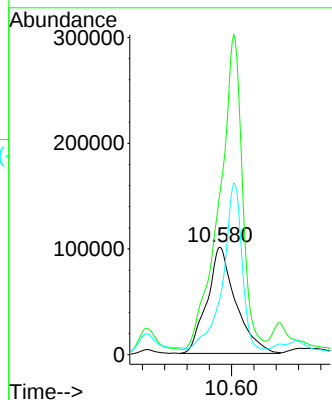
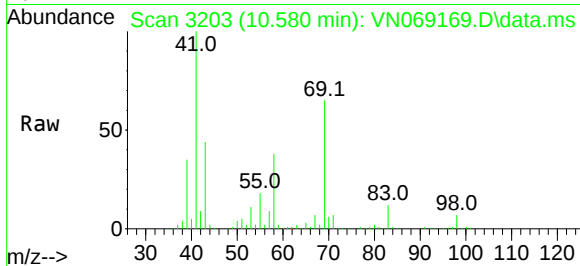




#56  
Ethyl methacrylate  
Concen: 23.906 ug/l  
RT: 10.580 min Scan# 3203  
Delta R.T. -0.182 min  
Lab File: VN069169.D  
Acq: 25 Oct 2021 22:46

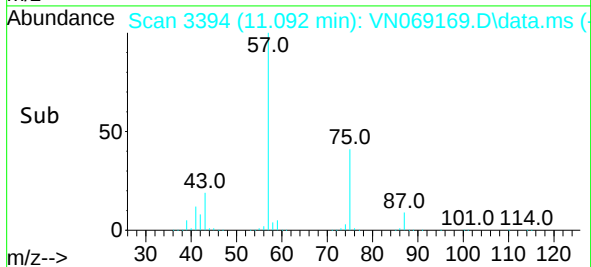
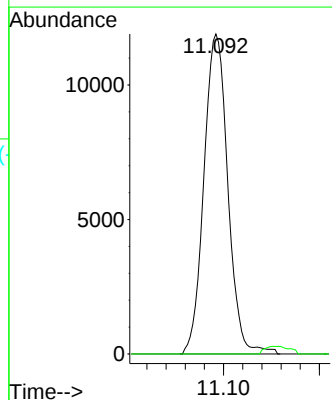
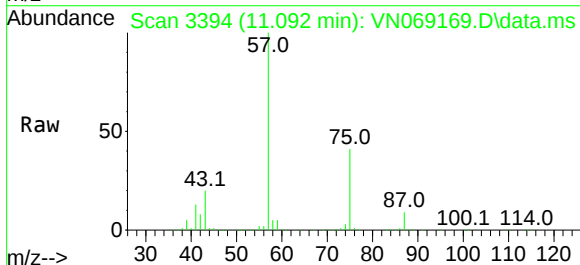
Instrument :  
MSVOA\_N  
ClientSampleId :

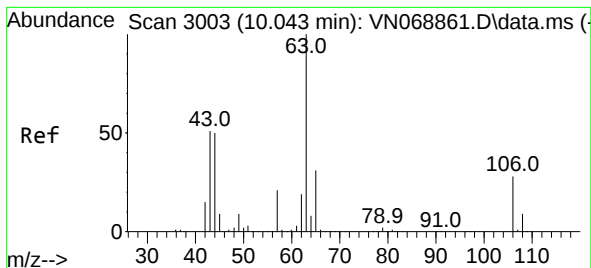
Tgt Ion: 69 Resp: 357509  
Ion Ratio Lower Upper  
69 100  
41 0.0 53.3 79.9#  
39 0.0 33.3 49.9#



#57  
1,3-Dichloropropane  
Concen: 1.407 ug/l  
RT: 11.092 min Scan# 3394  
Delta R.T. 0.045 min  
Lab File: VN069169.D  
Acq: 25 Oct 2021 22:46

Tgt Ion: 76 Resp: 20662  
Ion Ratio Lower Upper  
76 100  
78 0.0 25.8 38.8#

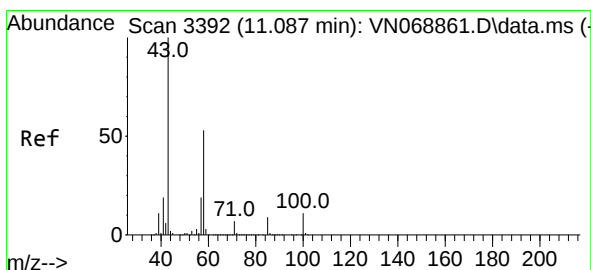
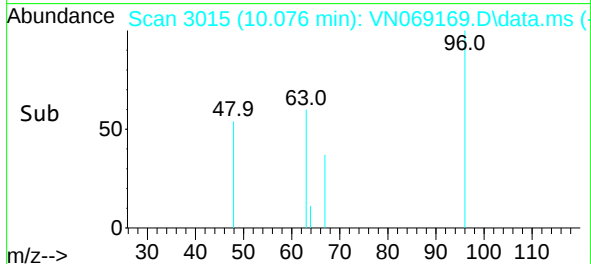
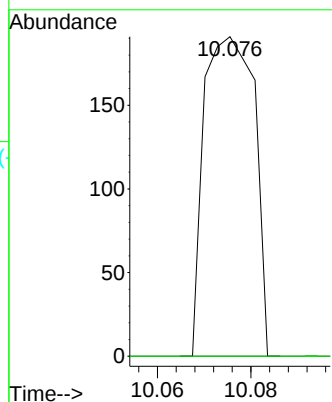
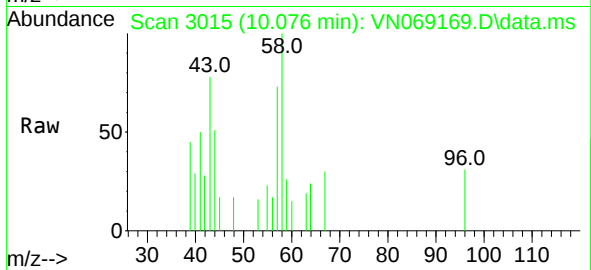




#58  
2-Chloroethyl Vinyl ether  
Concen: 18.788 ug/l  
RT: 10.076 min Scan# 3015  
Delta R.T. 0.033 min  
Lab File: VN069169.D  
Acq: 25 Oct 2021 22:46

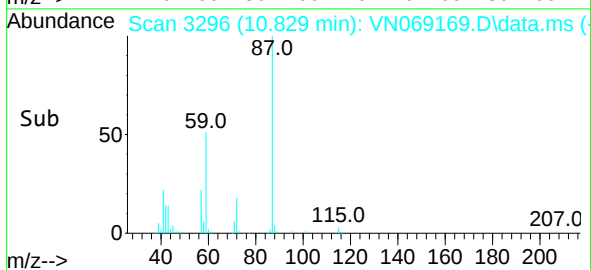
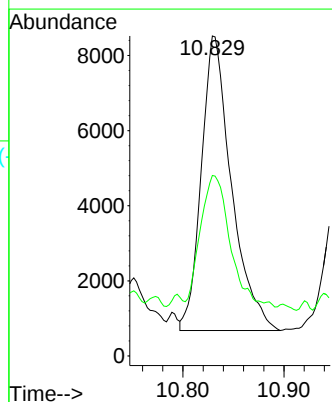
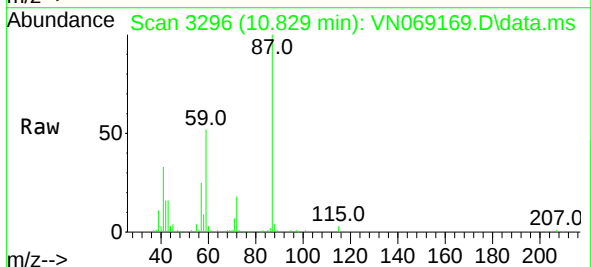
Instrument :  
MSVOA\_N  
ClientSampled :

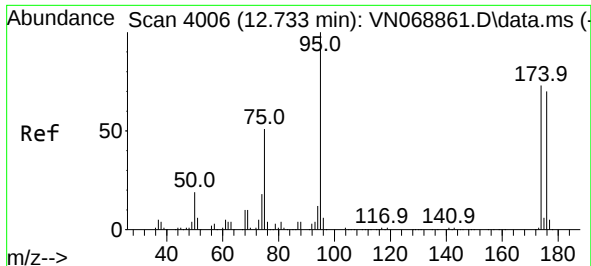
Tgt Ion: 63 Resp: 143  
Ion Ratio Lower Upper  
63 100  
106 0.0 22.2 33.2#



#59  
2-Hexanone  
Concen: 1.865 ug/l  
RT: 10.829 min Scan# 3296  
Delta R.T. -0.258 min  
Lab File: VN069169.D  
Acq: 25 Oct 2021 22:46

Tgt Ion: 43 Resp: 16295  
Ion Ratio Lower Upper  
43 100  
58 43.8 26.9 80.7

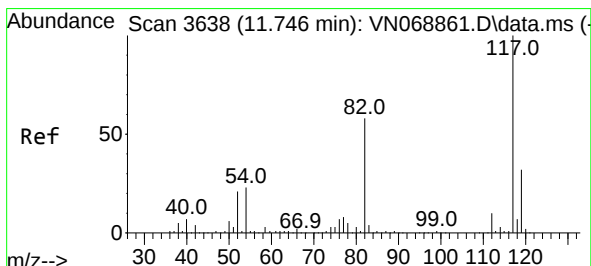
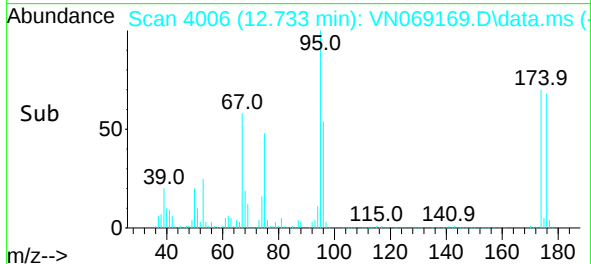
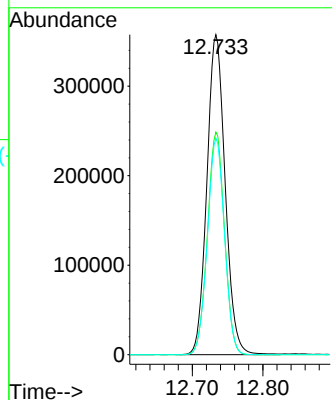
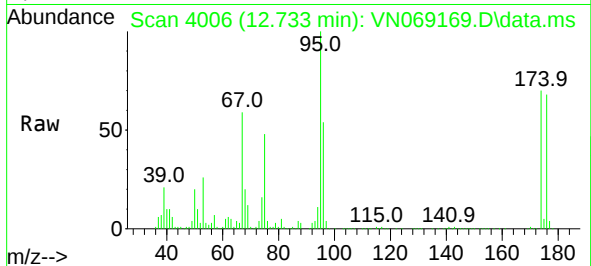




#62  
4-Bromofluorobenzene  
Concen: 54.327 ug/l  
RT: 12.733 min Scan# 4006  
Delta R.T. -0.000 min  
Lab File: VN069169.D  
Acq: 25 Oct 2021 22:46

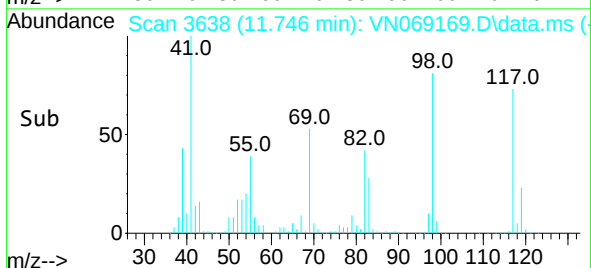
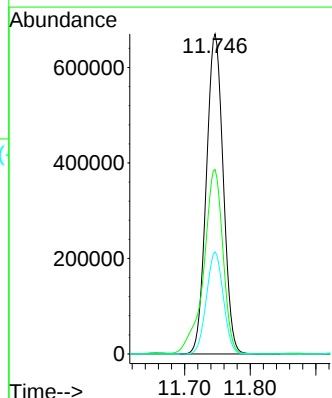
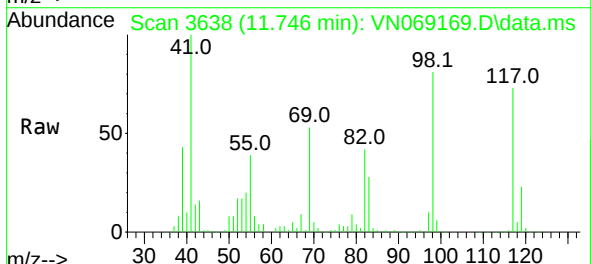
Instrument :  
MSVOA\_N  
ClientSampleId :

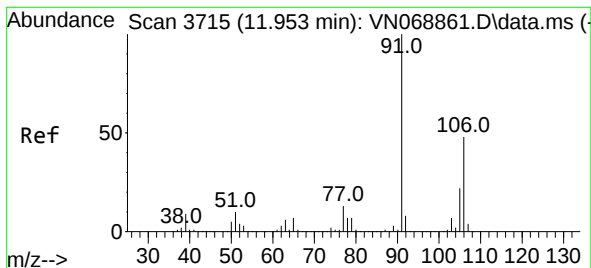
Tgt Ion: 95 Resp: 644172  
Ion Ratio Lower Upper  
95 100  
174 65.0 0.0 144.8  
176 63.1 0.0 140.0



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.746 min Scan# 3638  
Delta R.T. -0.000 min  
Lab File: VN069169.D  
Acq: 25 Oct 2021 22:46

Tgt Ion: 117 Resp: 1195449  
Ion Ratio Lower Upper  
117 100  
82 57.5 46.4 69.6  
119 31.9 26.0 39.0

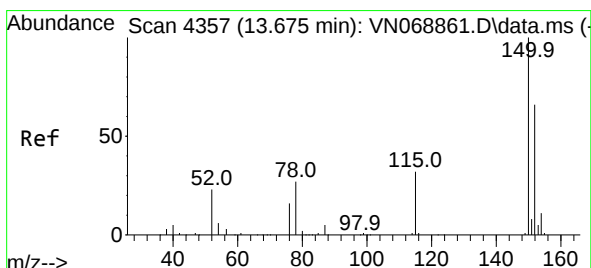
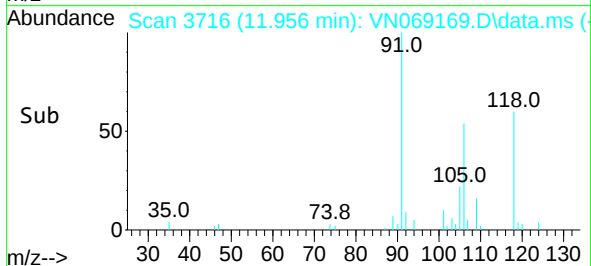
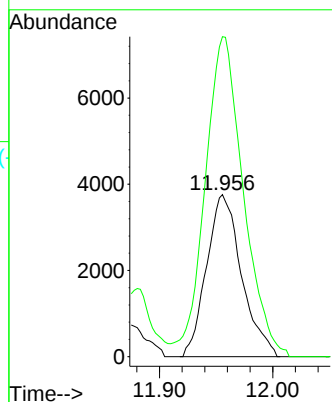
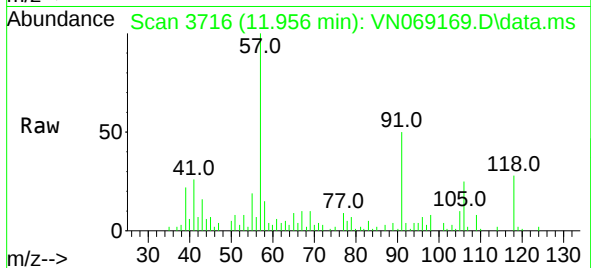




#68  
m/p-Xylenes  
Concen: 0.506 ug/l  
RT: 11.956 min Scan# 3716  
Delta R.T. 0.003 min  
Lab File: VN069169.D  
Acq: 25 Oct 2021 22:46

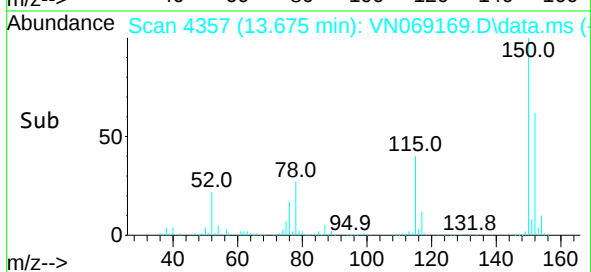
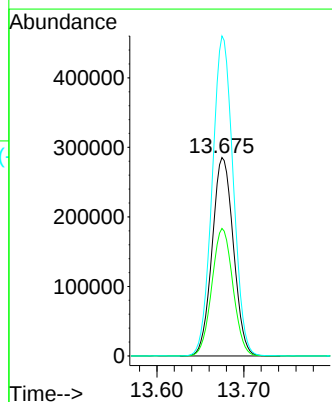
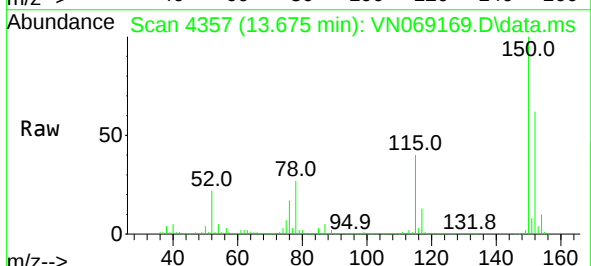
Instrument :  
MSVOA\_N  
ClientSampled :

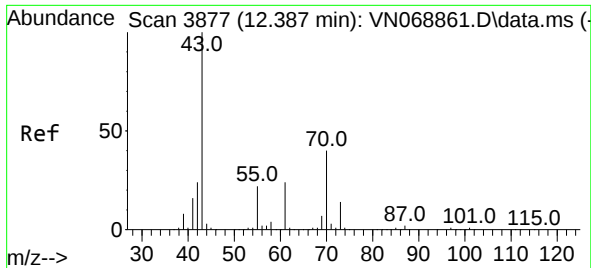
Tgt Ion:106 Resp: 8053  
Ion Ratio Lower Upper  
106 100  
91 215.2 166.8 250.2



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.675 min Scan# 4357  
Delta R.T. -0.000 min  
Lab File: VN069169.D  
Acq: 25 Oct 2021 22:46

Tgt Ion:152 Resp: 484866  
Ion Ratio Lower Upper  
152 100  
115 63.9 31.4 94.3  
150 158.9 0.0 351.0

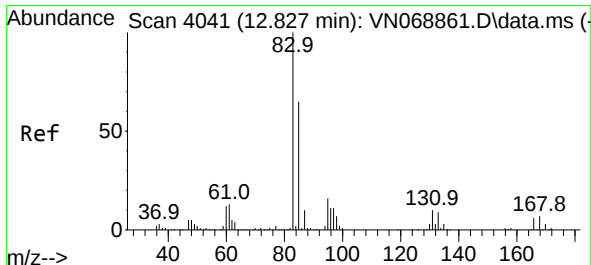
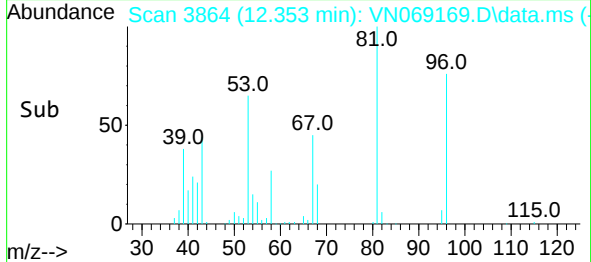
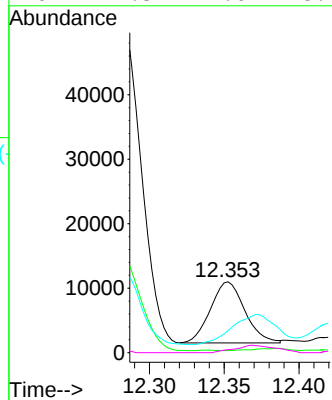
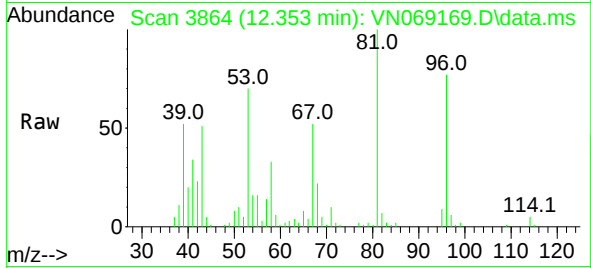




#74  
N-amy1 acetate  
Concen: 0.991 ug/l  
RT: 12.353 min Scan# 3864  
Delta R.T. -0.035 min  
Lab File: VN069169.D  
Acq: 25 Oct 2021 22:46

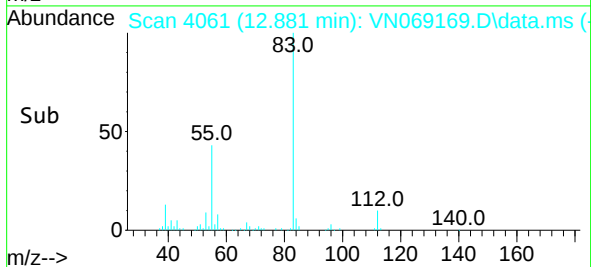
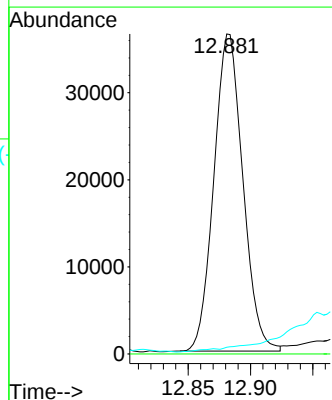
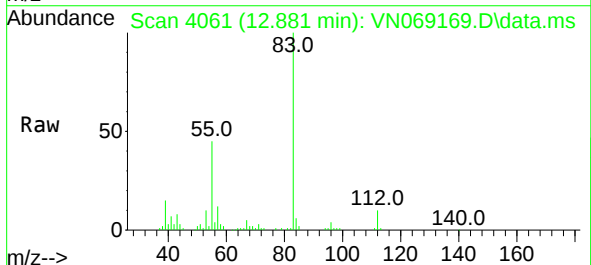
Instrument :  
MSVOA\_N  
ClientSampleId :

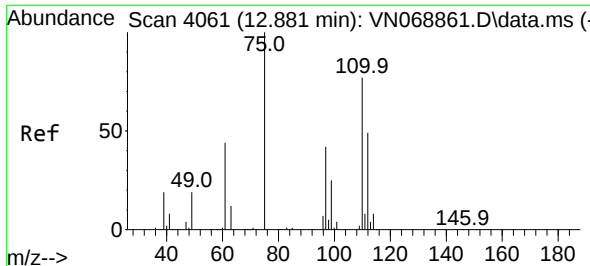
Tgt Ion: 43 Resp: 15154  
Ion Ratio Lower Upper  
43 100  
70 0.0 32.2 48.2#  
55 78.6 18.0 27.0#  
61 14.5 19.0 28.4#



#75  
1,1,2,2-Tetrachloroethane  
Concen: 5.047 ug/l  
RT: 12.881 min Scan# 4061  
Delta R.T. 0.054 min  
Lab File: VN069169.D  
Acq: 25 Oct 2021 22:46

Tgt Ion: 83 Resp: 58869  
Ion Ratio Lower Upper  
83 100  
131 0.0 5.1 15.2#  
85 0.7 32.3 96.8#

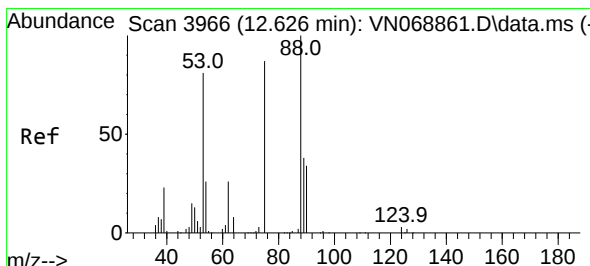
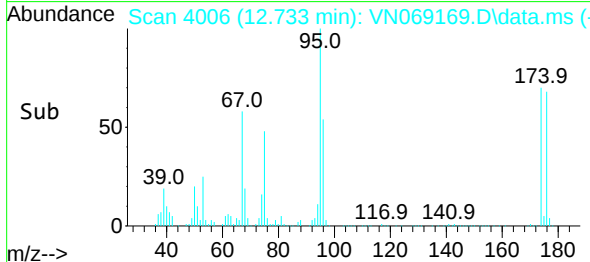
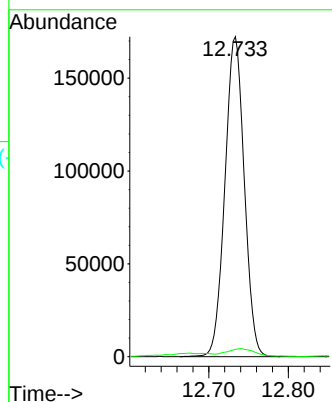
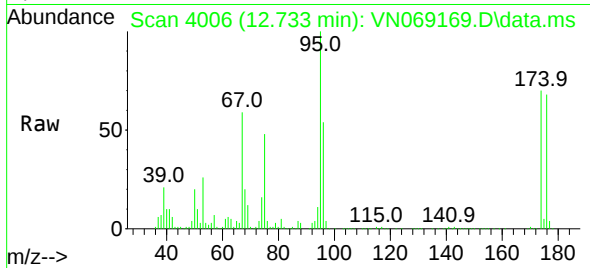




#76  
1,2,3-Trichloropropane  
Concen: 28.215 ug/l  
RT: 12.733 min Scan# 4006  
Delta R.T. -0.148 min  
Lab File: VN069169.D  
Acq: 25 Oct 2021 22:46

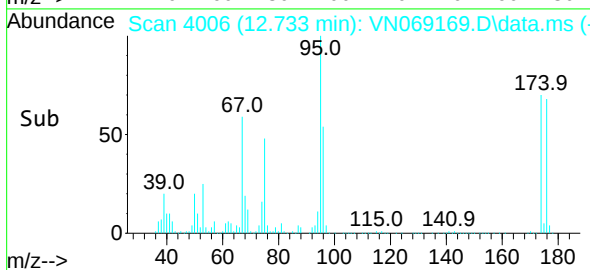
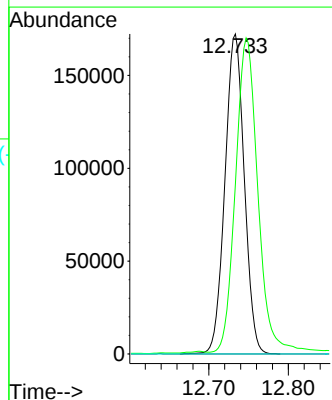
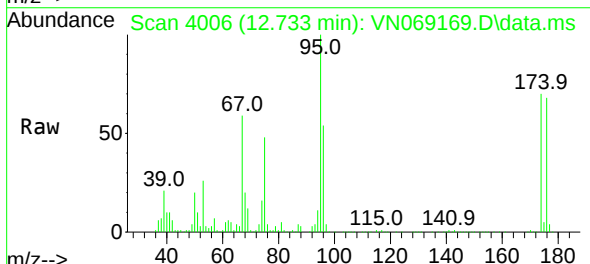
Instrument :  
MSVOA\_N  
ClientSampled :

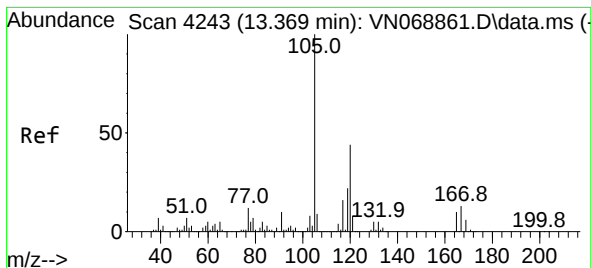
Tgt Ion: 75 Resp: 291079  
Ion Ratio Lower Upper  
75 100  
77 3.1 96.2 288.4#



#81  
trans-1,4-Dichloro-2-butene  
Concen: 67.502 ug/l  
RT: 12.733 min Scan# 4006  
Delta R.T. 0.107 min  
Lab File: VN069169.D  
Acq: 25 Oct 2021 22:46

Tgt Ion: 75 Resp: 291079  
Ion Ratio Lower Upper  
75 100  
53 113.2 75.4 113.2#  
89 0.0 36.9 55.3#





#84

1,2,4-Trimethylbenzene

Concen: 0.704 ug/l

RT: 13.377 min Scan# 4246

Delta R.T. 0.008 min

Lab File: VN069169.D

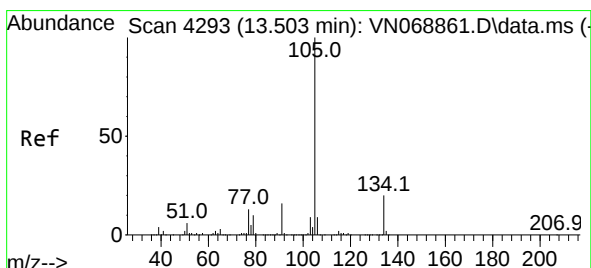
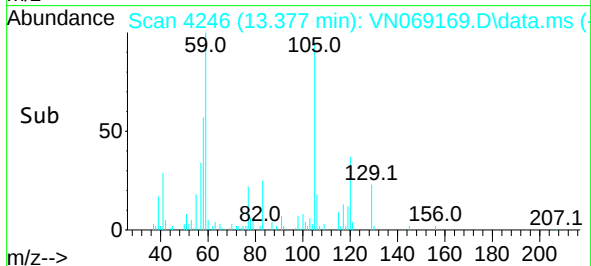
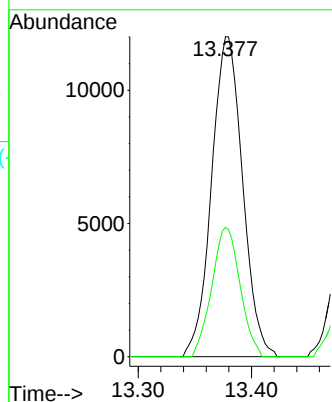
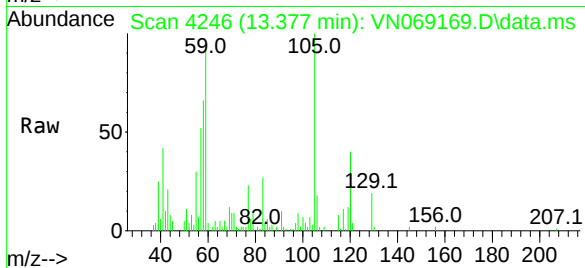
Acq: 25 Oct 2021 22:46

Tgt Ion:105 Resp: 22811

Ion Ratio Lower Upper

105 100

120 36.8 21.9 65.5



#85

sec-Butylbenzene

Concen: 0.223 ug/l

RT: 13.484 min Scan# 4286

Delta R.T. -0.019 min

Lab File: VN069169.D

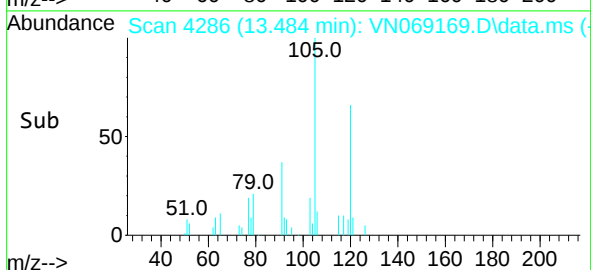
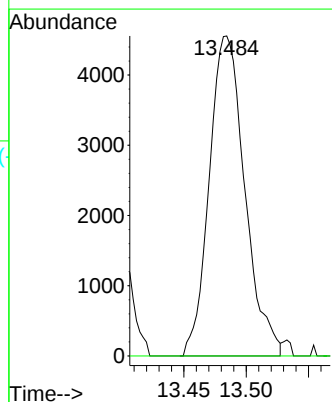
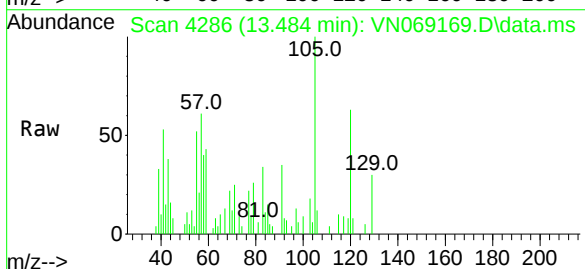
Acq: 25 Oct 2021 22:46

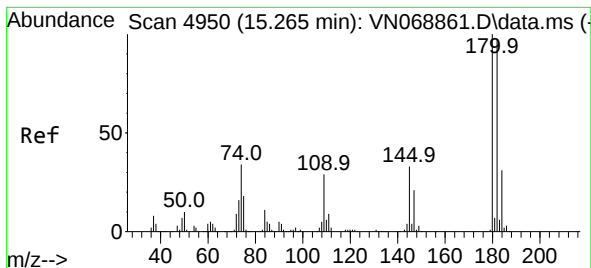
Tgt Ion:105 Resp: 9038

Ion Ratio Lower Upper

105 100

134 0.0 9.8 29.4#

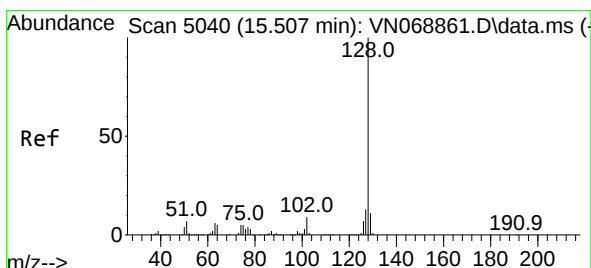
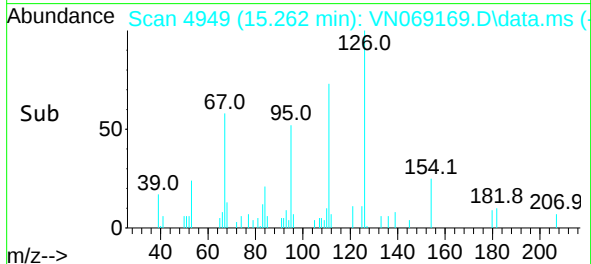
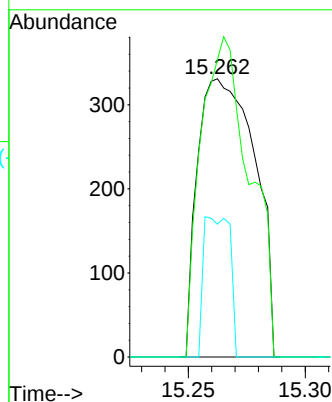
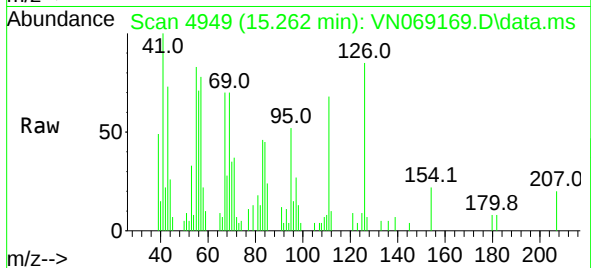




#93  
1,2,4-Trichlorobenzene  
Concen: 2.667 ug/l  
RT: 15.262 min Scan# 4949  
Delta R.T. -0.003 min  
Lab File: VN069169.D  
Acq: 25 Oct 2021 22:46

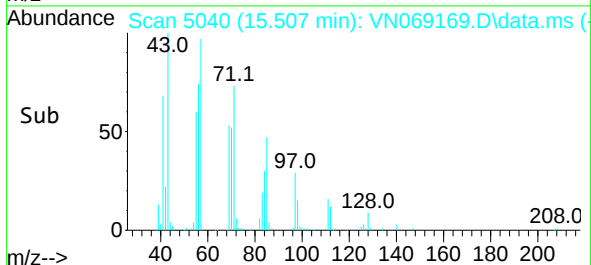
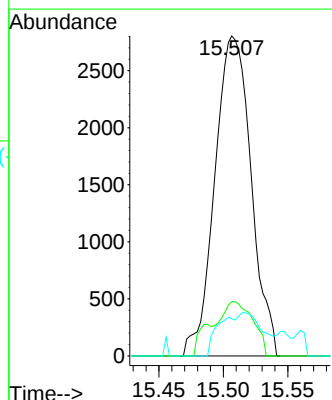
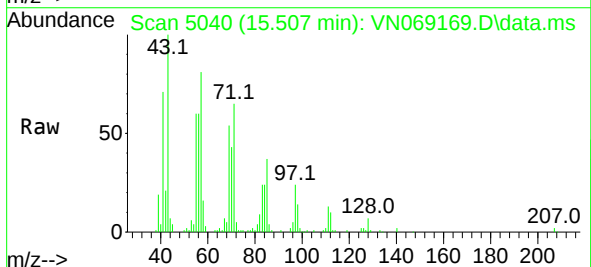
Instrument :  
MSVOA\_N  
ClientSampleId :

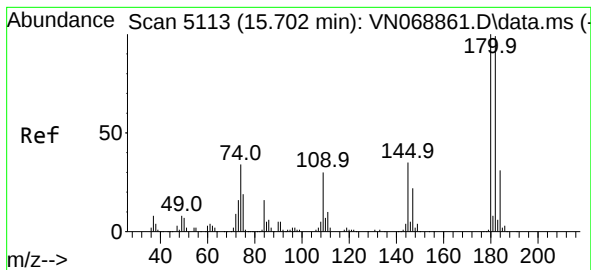
Tgt Ion:180 Resp: 564  
Ion Ratio Lower Upper  
180 100  
182 98.4 47.9 143.7  
145 23.2 16.4 49.2



#95  
Naphthalene  
Concen: 4.037 ug/l  
RT: 15.507 min Scan# 5040  
Delta R.T. -0.000 min  
Lab File: VN069169.D  
Acq: 25 Oct 2021 22:46

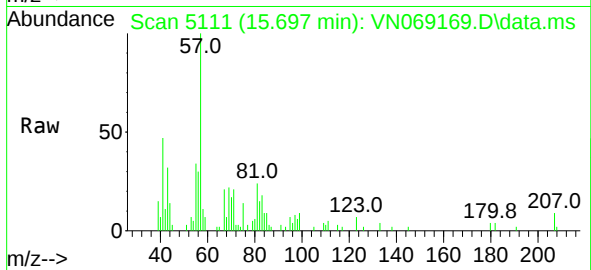
Tgt Ion:128 Resp: 5492  
Ion Ratio Lower Upper  
128 100  
127 14.7 10.5 15.7  
129 6.7 8.9 13.3#





#96  
 1,2,3-Trichlorobenzene  
 Concen: 2.553 ug/l  
 RT: 15.697 min Scan# 5111  
 Delta R.T. -0.005 min  
 Lab File: VN069169.D  
 Acq: 25 Oct 2021 22:46

Instrument :  
 MSVOA\_N  
 ClientSampleId :



Tgt Ion:180 Resp: 319  
 Ion Ratio Lower Upper  
 180 100  
 182 160.8 48.1 144.3#  
 145 32.0 17.4 52.2

