

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN041921\  
 Data File : VN066655.D  
 Acq On : 19 Apr 2021 12:21  
 Operator : JC/MD  
 Sample : M2070-04  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Apr 20 04:54:27 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N041521W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Apr 15 19:16:35 2021  
 Response via : Initial Calibration

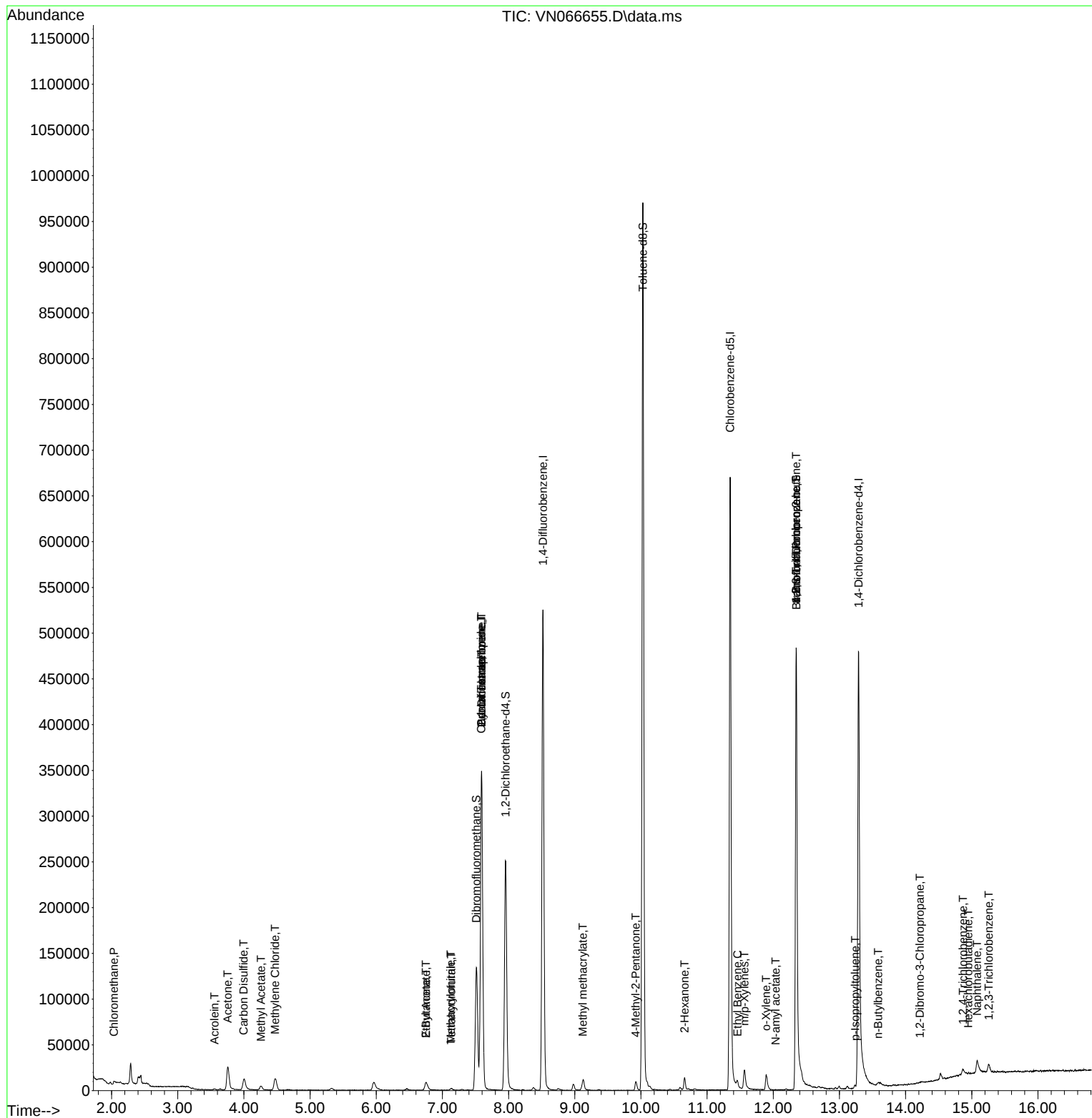
| Compound                      | R.T.           | QIon | Response   | Conc      | Units  | Dev(Min) |
|-------------------------------|----------------|------|------------|-----------|--------|----------|
| -----                         |                |      |            |           |        |          |
| Internal Standards            |                |      |            |           |        |          |
| 1) Pentafluorobenzene         | 7.591          | 168  | 300128     | 50.00     | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene       | 8.519          | 114  | 472957     | 50.00     | ug/l   | 0.00     |
| 63) Chlorobenzene-d5          | 11.349         | 117  | 417042     | 50.00     | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4    | 13.290         | 152  | 174490     | 50.00     | ug/l   | 0.00     |
|                               |                |      |            |           |        |          |
| System Monitoring Compounds   |                |      |            |           |        |          |
| 33) 1,2-Dichloroethane-d4     | 7.956          | 65   | 216748     | 47.87     | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 61 - 141 |      | Recovery = | 95.74%    |        |          |
| 35) Dibromofluoromethane      | 7.513          | 113  | 107115     | 32.66     | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 69 - 133 |      | Recovery = | 65.32%#   |        |          |
| 50) Toluene-d8                | 10.029         | 98   | 673097     | 52.36     | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 65 - 126 |      | Recovery = | 104.72%   |        |          |
| 62) 4-Bromofluorobenzene      | 12.346         | 95   | 201807     | 44.65     | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 58 - 135 |      | Recovery = | 89.30%    |        |          |
|                               |                |      |            |           |        |          |
| Target Compounds              |                |      |            |           |        | Qvalue   |
| 3) Chloromethane              | 2.037          | 50   | 1858       | 0.35      | ug/l   | 99       |
| 13) Acrolein                  | 3.555          | 56   | 1033       | 2.67      | ug/l # | 62       |
| 16) Acetone                   | 3.756          | 43   | 43213      | 18.84     | ug/l   | 96       |
| 17) Carbon Disulfide          | 3.997          | 76   | 2236       | 0.21      | ug/l # | 74       |
| 18) Methyl Acetate            | 4.260          | 43   | 9491       | 1.95      | ug/l # | 86       |
| 20) Methylene Chloride        | 4.472          | 84   | 9680       | 2.26      | ug/l   | 88       |
| 25) 2-Butanone                | 6.752          | 43   | 16496      | 6.18      | ug/l   | 90       |
| 29) Tetrahydrofuran           | 7.132          | 42   | 1705       | 0.95      | ug/l # | 44       |
| 31) Cyclohexane               | 7.591          | 56   | 6138       | 0.94      | ug/l # | 1        |
| 36) 1,1-Dichloropropene       | 7.591          | 75   | 21755      | 4.56      | ug/l # | 47       |
| 37) Ethyl Acetate             | 6.752          | 43   | 16496      | 3.05      | ug/l # | 68       |
| 38) Carbon Tetrachloride      | 7.588          | 117  | 26332      | 5.90      | ug/l # | 17       |
| 41) Methacrylonitrile         | 7.127          | 41   | 553        | 0.22      | ug/l # | 100      |
| 48) Methyl methacrylate       | 9.120          | 41   | 5602       | 1.38      | ug/l # | 22       |
| 51) 4-Methyl-2-Pentanone      | 9.922          | 43   | 8733       | 1.64      | ug/l   | 89       |
| 59) 2-Hexanone                | 10.659         | 43   | 10417      | 7.57      | ug/l # | 23       |
| 67) Ethyl Benzene             | 11.458         | 91   | 5925       | 0.38      | ug/l   | 99       |
| 68) m/p-Xylenes               | 11.566         | 106  | 8542       | 1.48      | ug/l   | 88       |
| 69) o-Xylene                  | 11.890         | 106  | 6139       | 1.09      | ug/l   | 98       |
| 71) Bromoform                 | 12.349         | 173  | 1342       | 0.54      | ug/l # | 1        |
| 74) N-amyl acetate            | 12.035         | 43   | 110        | 9.75      | ug/l # | 42       |
| 76) 1,2,3-Trichloropropane    | 12.346         | 75   | 101045     | 24.76     | ug/l # | 100      |
| 81) trans-1,4-Dichloro-2-b... | 12.346         | 75   | 101045     | 76.49     | ug/l # | 12       |
| 86) p-Isopropyltoluene        | 13.239         | 119  | 2486       | 0.24      | ug/l # | 72       |
| 88) 1,4-Dichlorobenzene       | 13.237         | 146  | 983        | Below Cal |        | 97       |
| 89) n-Butylbenzene            | 13.585         | 91   | 2621       | 0.30      | ug/l # | 67       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.216         | 75   | 234        | 0.28      | ug/l # | 1        |
| 93) 1,2,4-Trichlorobenzene    | 14.867         | 180  | 3357       | 1.04      | ug/l   | 91       |
| 94) Hexachlorobutadiene       | 14.948         | 225  | 457        | 0.25      | ug/l   | 86       |
| 95) Naphthalene               | 15.082         | 128  | 17838      | 2.00      | ug/l   | 98       |
| 96) 1,2,3-Trichlorobenzene    | 15.256         | 180  | 4471       | 1.34      | ug/l   | 96       |
| -----                         |                |      |            |           |        |          |

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN041921\  
Data File : VN066655.D  
Acq On : 19 Apr 2021 12:21  
Operator : JC/MD  
Sample : M2070-04  
Misc : 5.00mL/MSVOA\_N/WATER  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :

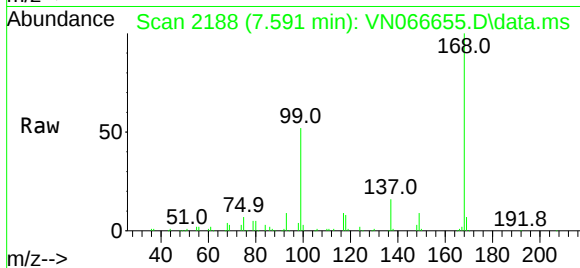
Quant Time: Apr 20 04:54:27 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N041521W.M  
Quant Title : SW846 8260  
QLast Update : Thu Apr 15 19:16:35 2021  
Response via : Initial Calibration



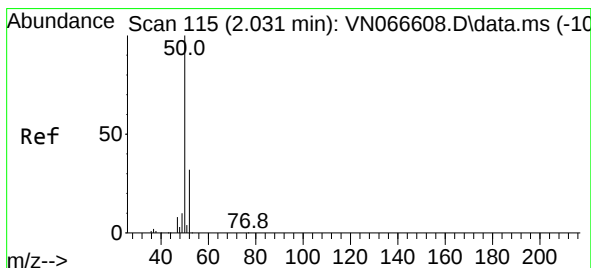
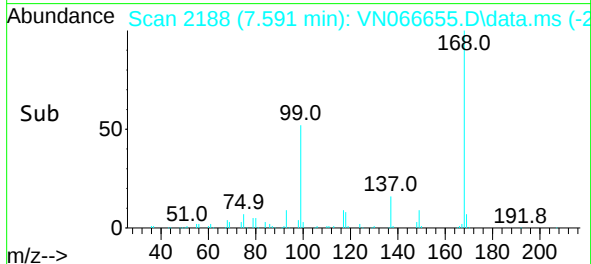
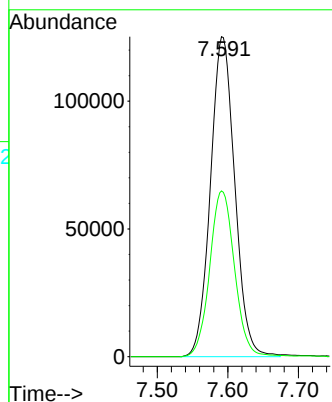


#1  
Pentafluorobenzene  
Concen: 50.00 ug/l  
RT: 7.591 min Scan# 2188  
Delta R.T. 0.003 min  
Lab File: VN066655.D  
Acq: 19 Apr 2021 12:21

Instrument :  
MSVOA\_N  
ClientSampled :

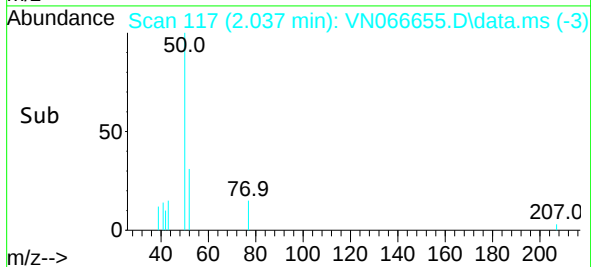
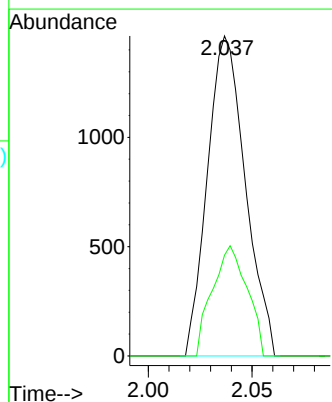
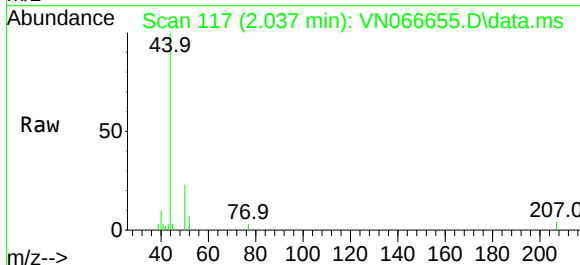


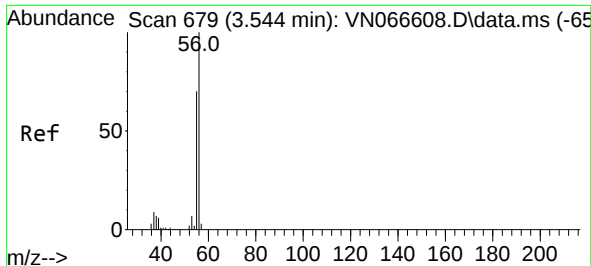
Tgt Ion:168 Resp: 300128  
Ion Ratio Lower Upper  
168 100  
99 51.8 42.6 63.8



#3  
Chloromethane  
Concen: 0.35 ug/l  
RT: 2.037 min Scan# 117  
Delta R.T. 0.006 min  
Lab File: VN066655.D  
Acq: 19 Apr 2021 12:21

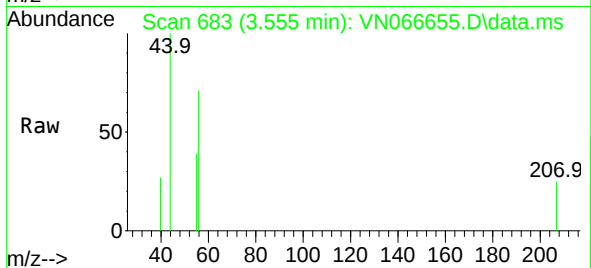
Tgt Ion: 50 Resp: 1858  
Ion Ratio Lower Upper  
50 100  
52 31.5 25.8 38.8



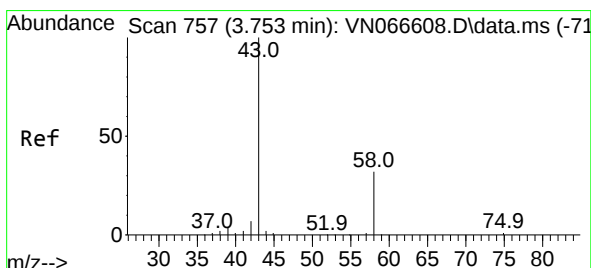
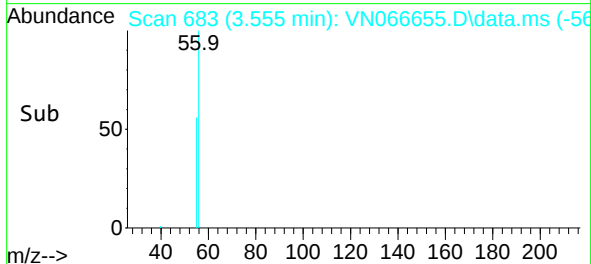
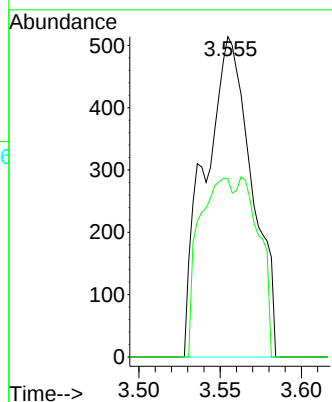


#13  
Acrolein  
Concen: 2.67 ug/l  
RT: 3.555 min Scan# 683  
Delta R.T. 0.011 min  
Lab File: VN066655.D  
Acq: 19 Apr 2021 12:21

Instrument :  
MSVOA\_N  
ClientSampled :

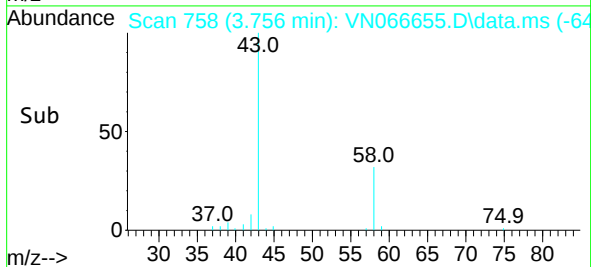
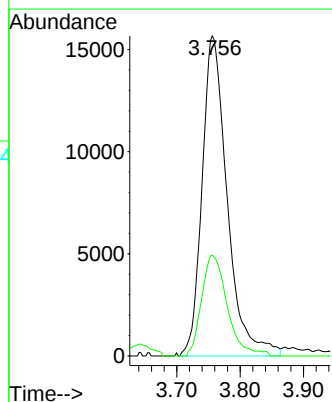
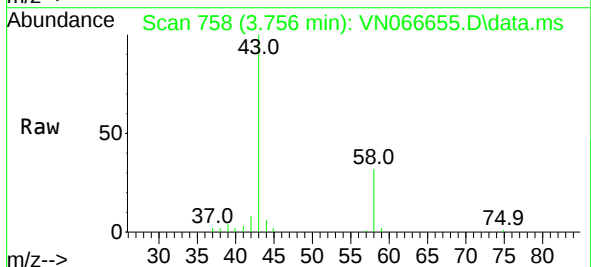


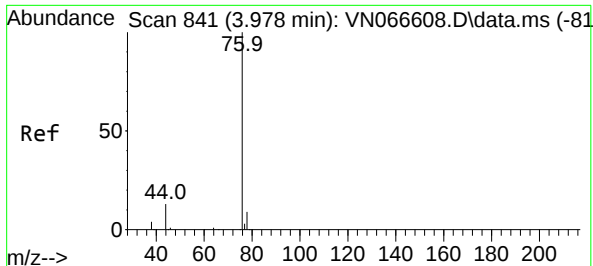
Tgt Ion: 56 Resp: 1033  
Ion Ratio Lower Upper  
56 100  
55 39.2 56.0 84.0#



#16  
Acetone  
Concen: 18.84 ug/l  
RT: 3.756 min Scan# 758  
Delta R.T. 0.003 min  
Lab File: VN066655.D  
Acq: 19 Apr 2021 12:21

Tgt Ion: 43 Resp: 43213  
Ion Ratio Lower Upper  
43 100  
58 31.5 27.0 40.6

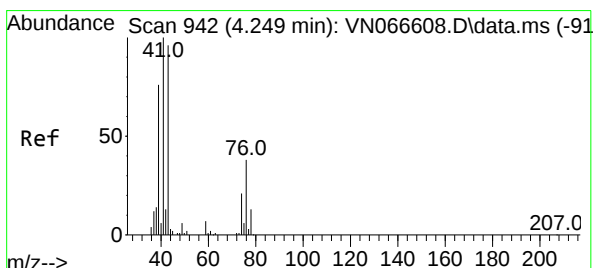
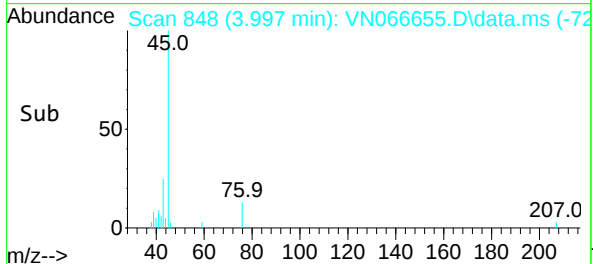
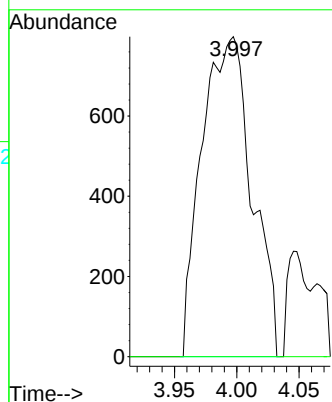
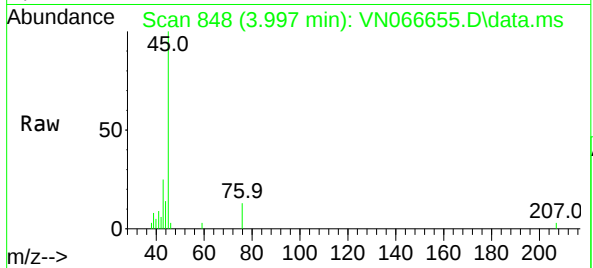




#17  
Carbon Disulfide  
Concen: 0.21 ug/l  
RT: 3.997 min Scan# 848  
Delta R.T. 0.019 min  
Lab File: VN066655.D  
Acq: 19 Apr 2021 12:21

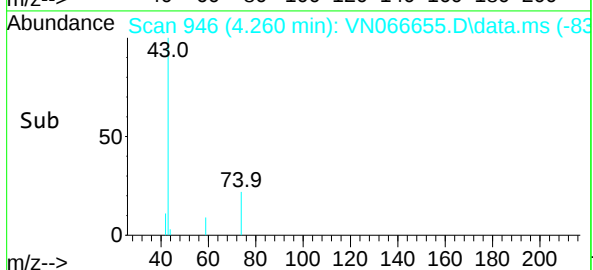
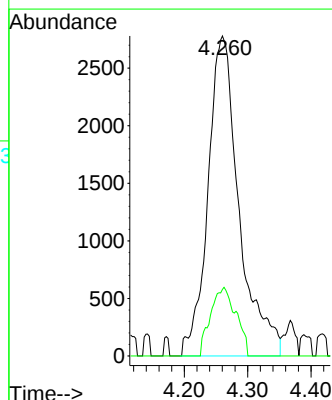
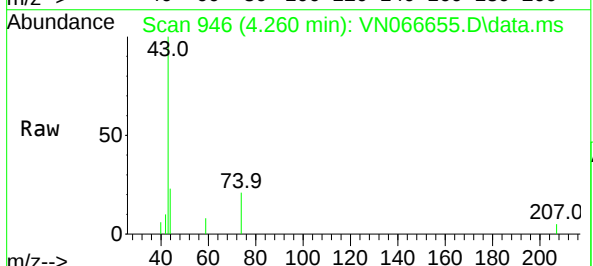
Instrument :  
MSVOA\_N  
ClientSampleId :

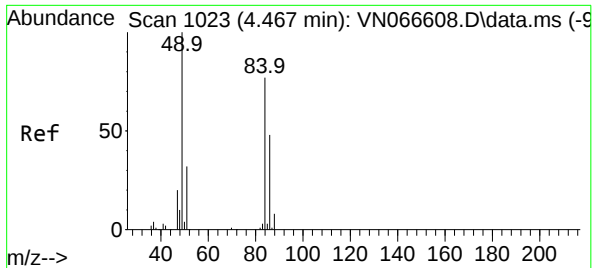
Tgt Ion: 76 Resp: 2236  
Ion Ratio Lower Upper  
76 100  
78 0.0 7.8 11.6#



#18  
Methyl Acetate  
Concen: 1.95 ug/l  
RT: 4.260 min Scan# 946  
Delta R.T. 0.011 min  
Lab File: VN066655.D  
Acq: 19 Apr 2021 12:21

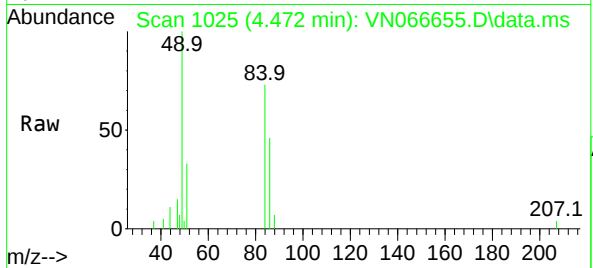
Tgt Ion: 43 Resp: 9491  
Ion Ratio Lower Upper  
43 100  
74 17.6 19.5 29.3#



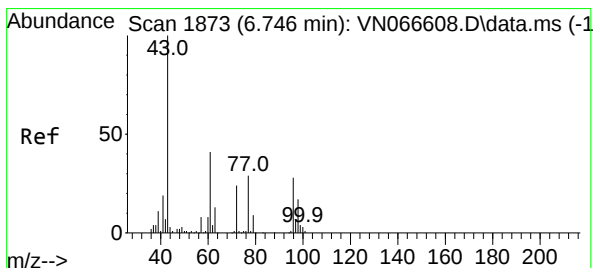
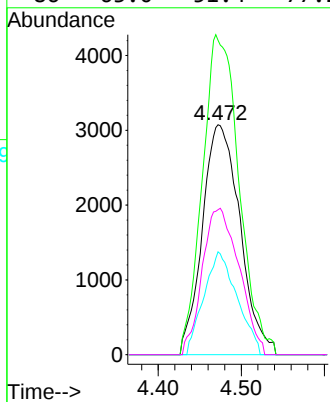
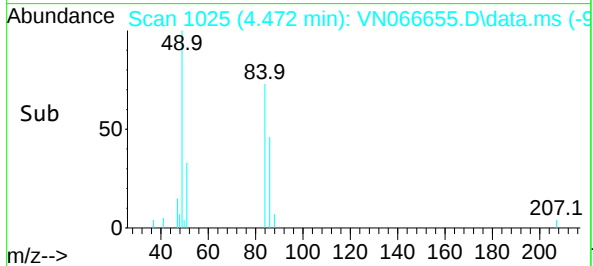


#20  
Methylene Chloride  
Concen: 2.26 ug/l  
RT: 4.472 min Scan# 1025  
Delta R.T. 0.005 min  
Lab File: VN066655.D  
Acq: 19 Apr 2021 12:21

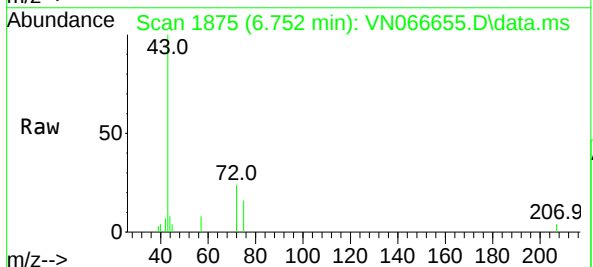
Instrument :  
MSVOA\_N  
ClientSampleId :



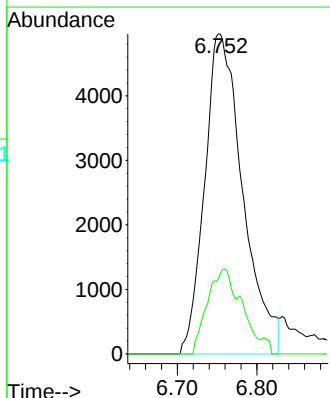
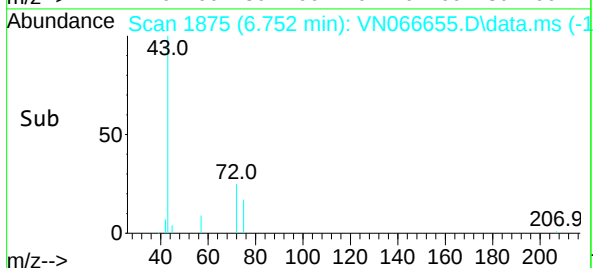
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|----------|-------|-------|-------|
| Tgt Ion: | 84    | Resp: | 9680  |
| Ion      | Ratio | Lower | Upper |
| 84       | 100   |       |       |
| 49       | 136.7 | 94.6  | 141.8 |
| 51       | 44.7  | 29.9  | 44.9  |
| 86       | 63.0  | 51.4  | 77.2  |

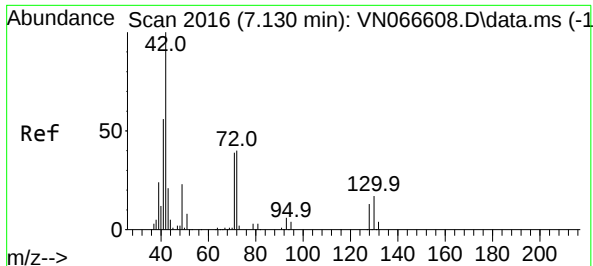


#25  
2-Butanone  
Concen: 6.18 ug/l  
RT: 6.752 min Scan# 1875  
Delta R.T. 0.006 min  
Lab File: VN066655.D  
Acq: 19 Apr 2021 12:21



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 16496 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 72       | 23.6  | 23.1  | 34.7  |

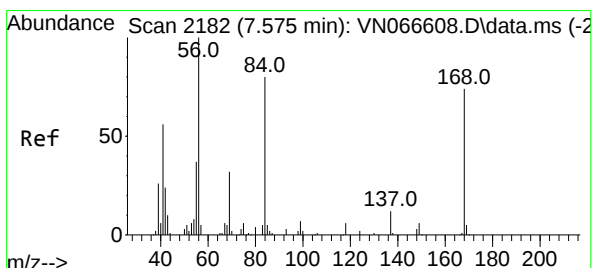
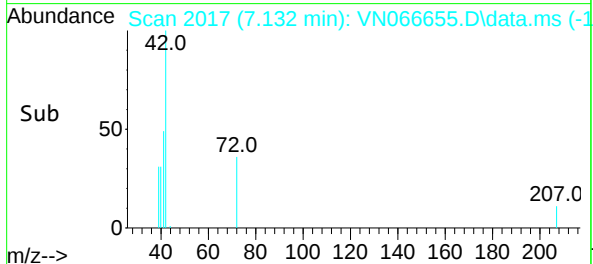
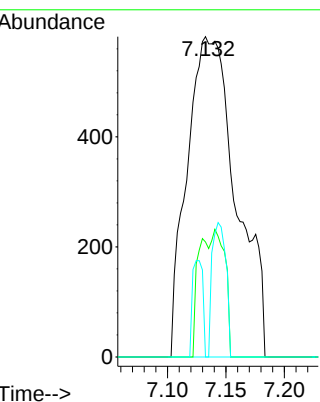
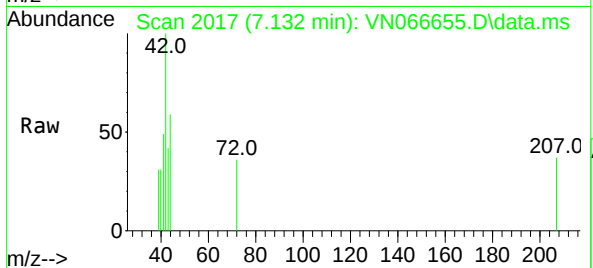




#29  
Tetrahydrofuran  
Concen: 0.95 ug/l  
RT: 7.132 min Scan# 2017  
Delta R.T. 0.002 min  
Lab File: VN066655.D  
Acq: 19 Apr 2021 12:21

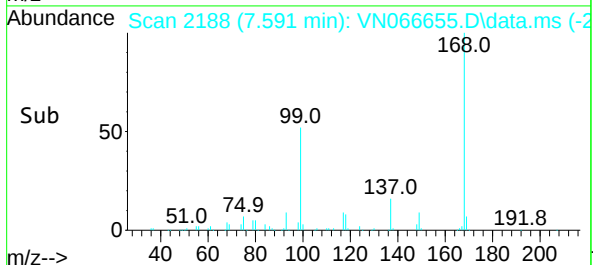
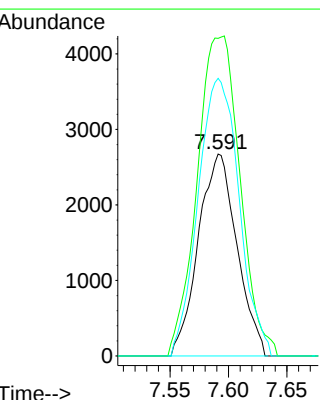
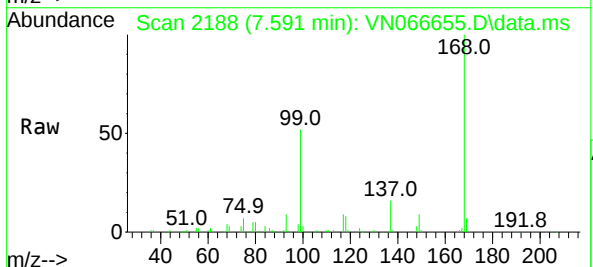
Instrument :  
MSVOA\_N  
ClientSampleId :

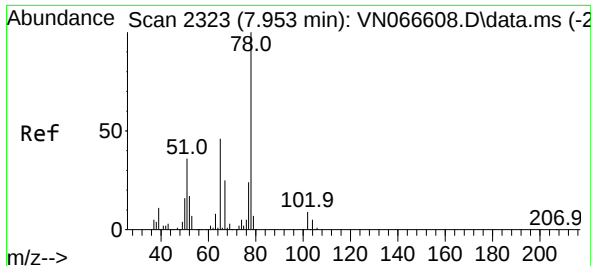
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|----------|-------|-------|-------|
| Tgt Ion: | 42    | Resp: | 1705  |
| Ion      | Ratio | Lower | Upper |
| 42       | 100   |       |       |
| 72       | 9.3   | 36.6  | 55.0# |
| 71       | 6.3   | 34.3  | 51.5# |



#31  
Cyclohexane  
Concen: 0.94 ug/l  
RT: 7.591 min Scan# 2188  
Delta R.T. 0.016 min  
Lab File: VN066655.D  
Acq: 19 Apr 2021 12:21

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 56    | Resp: | 6138   |
| Ion      | Ratio | Lower | Upper  |
| 56       | 100   |       |        |
| 69       | 157.3 | 26.6  | 39.8#  |
| 84       | 137.5 | 70.4  | 105.6# |

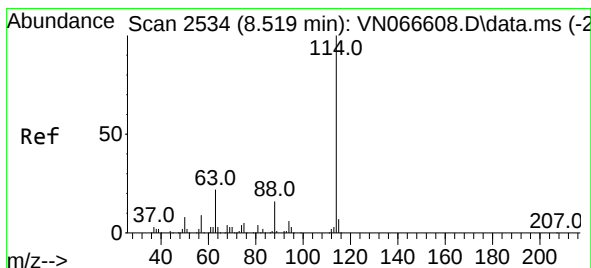
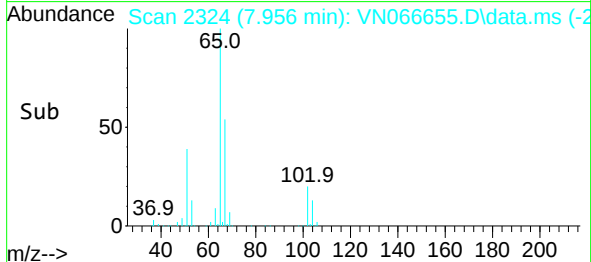
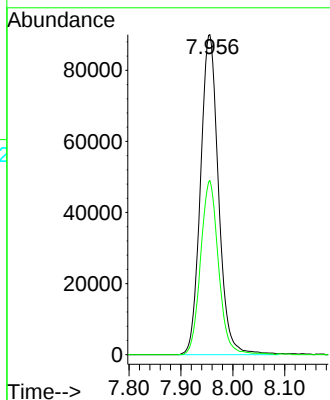
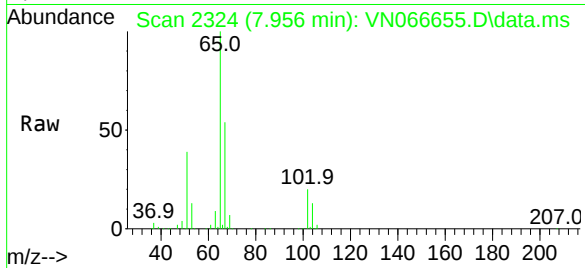




#33  
1,2-Dichloroethane-d4  
Concen: 47.87 ug/l  
RT: 7.956 min Scan# 2324  
Delta R.T. 0.003 min  
Lab File: VN066655.D  
Acq: 19 Apr 2021 12:21

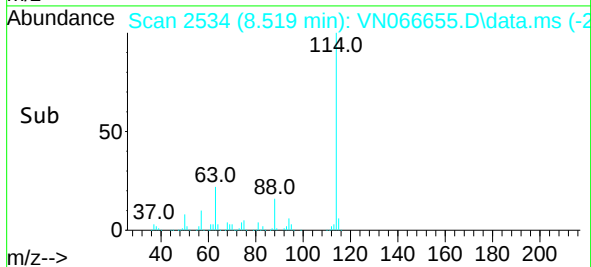
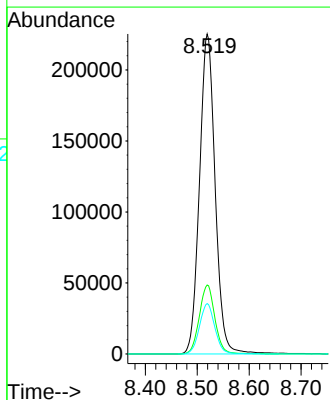
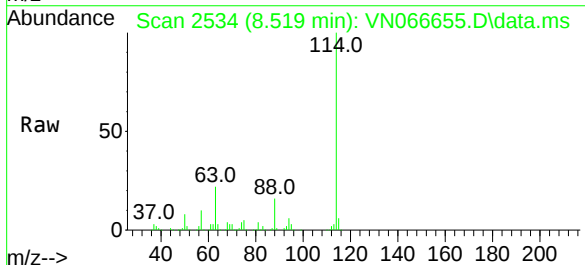
Instrument :  
MSVOA\_N  
ClientSampled :

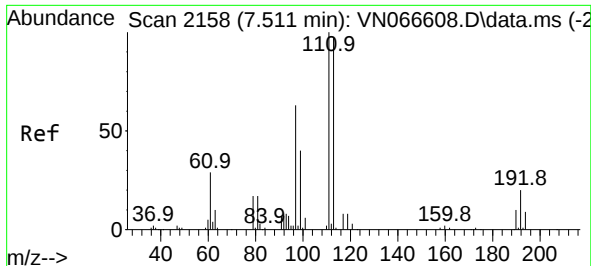
Tgt Ion: 65 Resp: 216748  
Ion Ratio Lower Upper  
65 100  
67 54.0 0.0 107.2



#34  
1,4-Difluorobenzene  
Concen: 50.00 ug/l  
RT: 8.519 min Scan# 2534  
Delta R.T. 0.000 min  
Lab File: VN066655.D  
Acq: 19 Apr 2021 12:21

Tgt Ion: 114 Resp: 472957  
Ion Ratio Lower Upper  
114 100  
63 21.5 0.0 38.6  
88 15.7 0.0 30.6

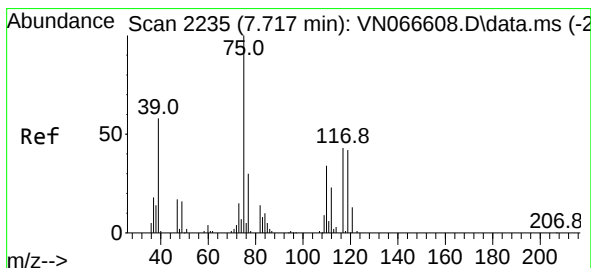
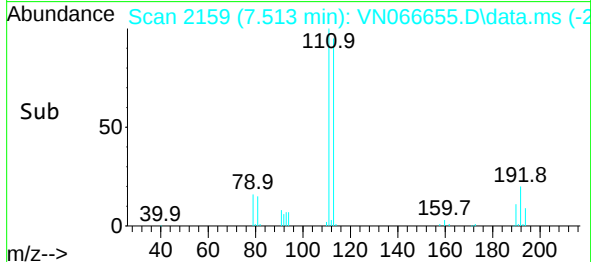
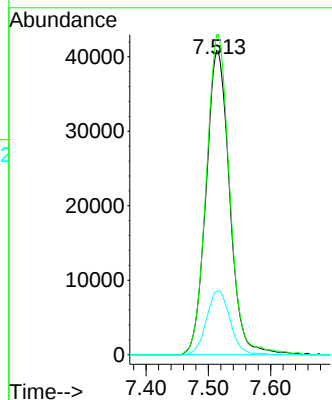
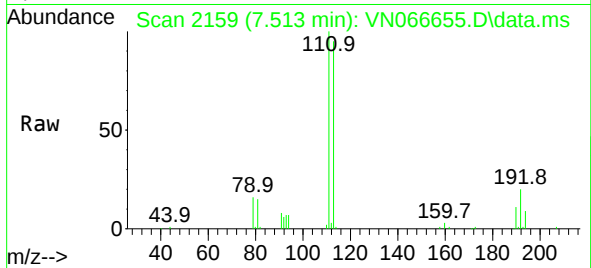




#35  
Dibromofluoromethane  
Concen: 32.66 ug/l  
RT: 7.513 min Scan# 2159  
Delta R.T. 0.002 min  
Lab File: VN066655.D  
Acq: 19 Apr 2021 12:21

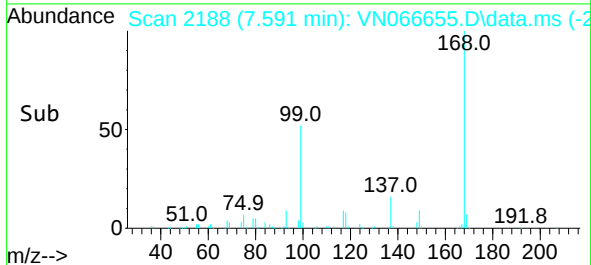
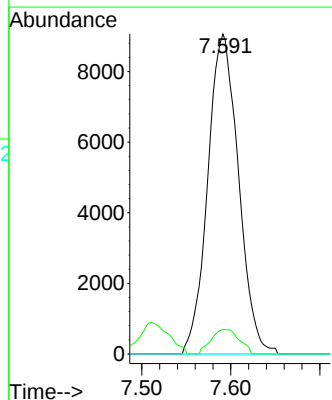
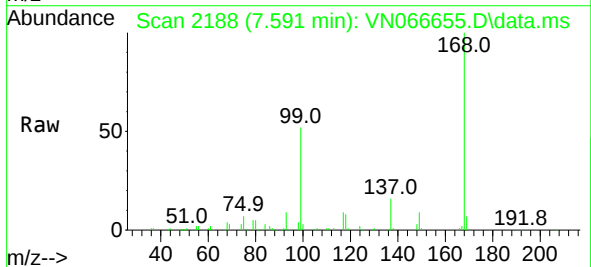
Instrument :  
MSVOA\_N  
ClientSampled :

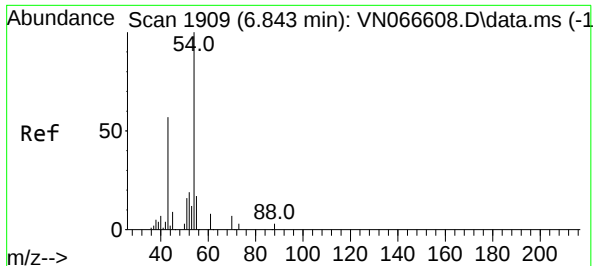
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 113   | Resp: | 107115 |
| Ion      | Ratio | Lower | Upper  |
| 113      | 100   |       |        |
| 111      | 104.6 | 82.2  | 123.2  |
| 192      | 20.8  | 15.4  | 23.0   |



#36  
1,1-Dichloropropene  
Concen: 4.56 ug/l  
RT: 7.591 min Scan# 2188  
Delta R.T. -0.126 min  
Lab File: VN066655.D  
Acq: 19 Apr 2021 12:21

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 21755 |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 110      | 7.0   | 18.2  | 54.6# |
| 77       | 0.0   | 24.9  | 37.3# |





#37

Ethyl Acetate

Concen: 3.05 ug/l

RT: 6.752 min Scan# 1875

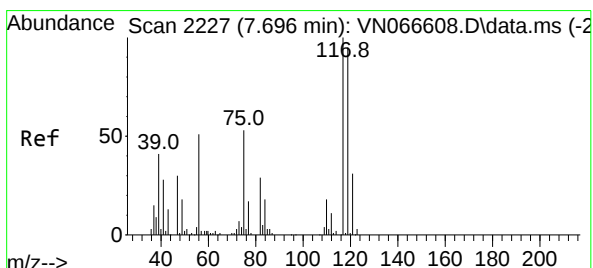
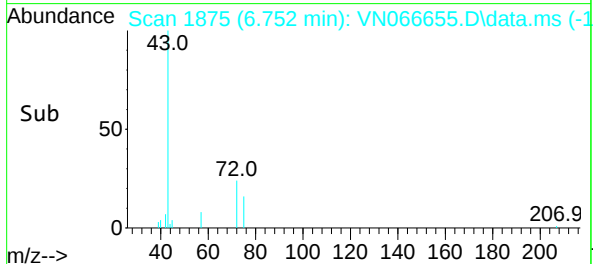
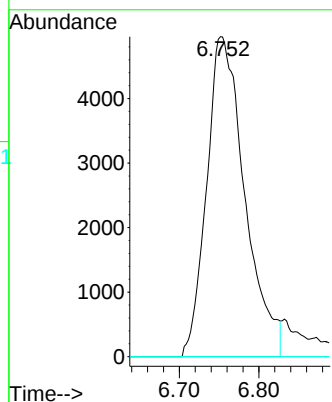
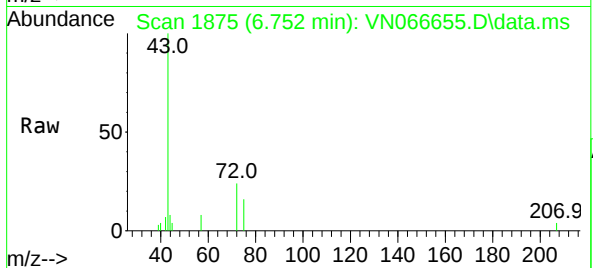
Delta R.T. -0.091 min

Lab File: VN066655.D

Acq: 19 Apr 2021 12:21

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 16496 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 61       | 0.0   | 11.6  | 17.4# |
| 70       | 0.0   | 8.6   | 13.0# |

Instrument :  
MSVOA\_N  
ClientSampleId :



#38

Carbon Tetrachloride

Concen: 5.90 ug/l

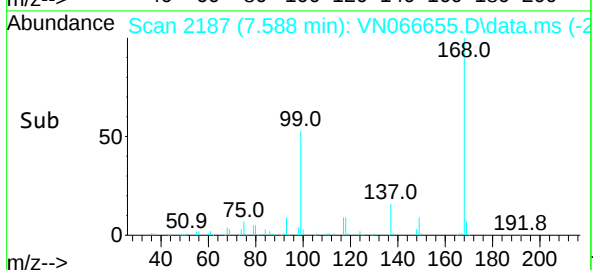
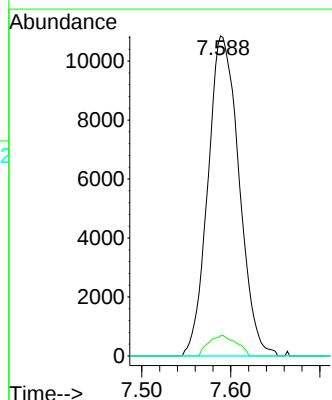
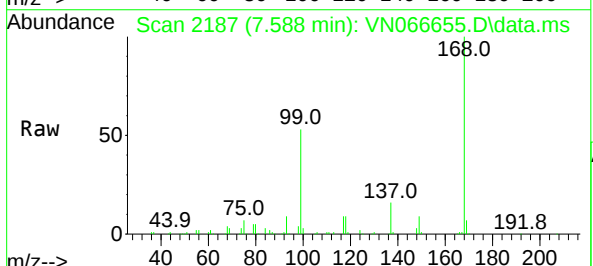
RT: 7.588 min Scan# 2187

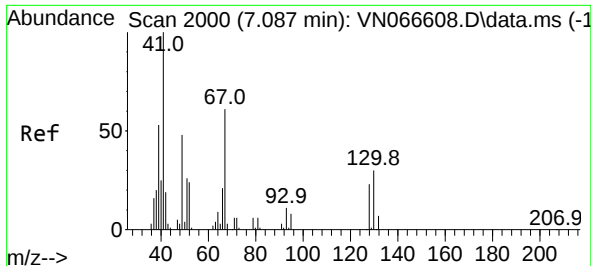
Delta R.T. -0.108 min

Lab File: VN066655.D

Acq: 19 Apr 2021 12:21

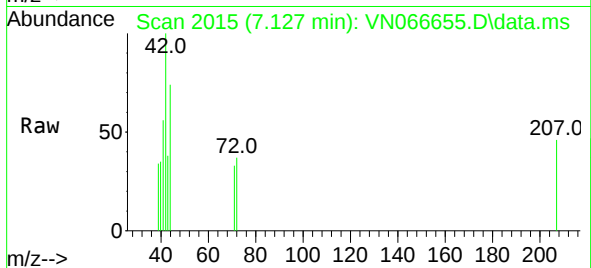
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 26332  |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 6.3   | 76.0  | 114.0# |
| 121      | 0.0   | 24.5  | 36.7#  |



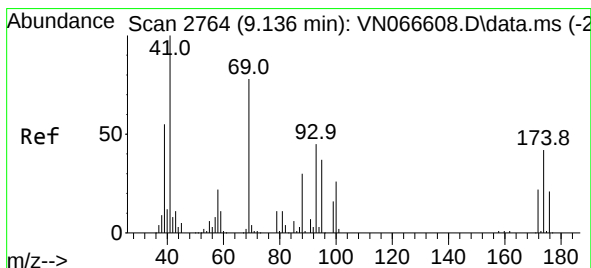
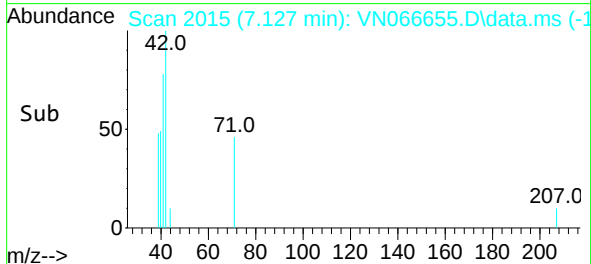
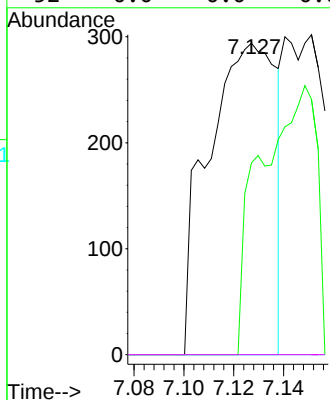


#41  
Methacrylonitrile  
Concen: 0.22 ug/l  
RT: 7.127 min Scan# 2015  
Delta R.T. 0.040 min  
Lab File: VN066655.D  
Acq: 19 Apr 2021 12:21

Instrument :  
MSVOA\_N  
ClientSampled :

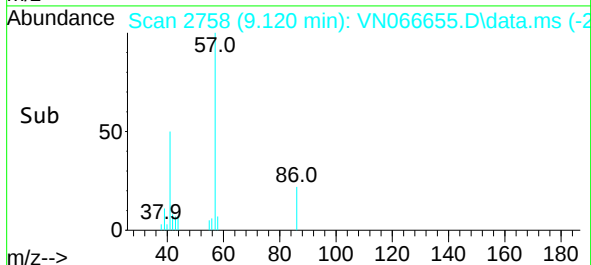
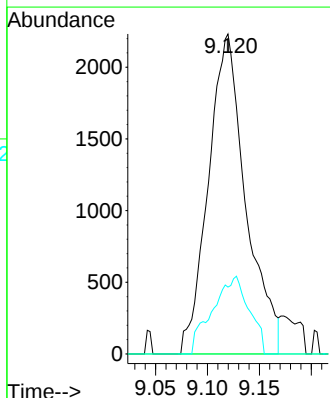
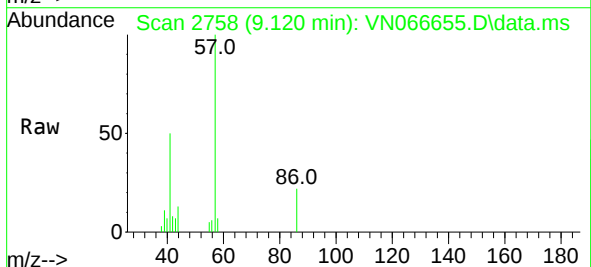


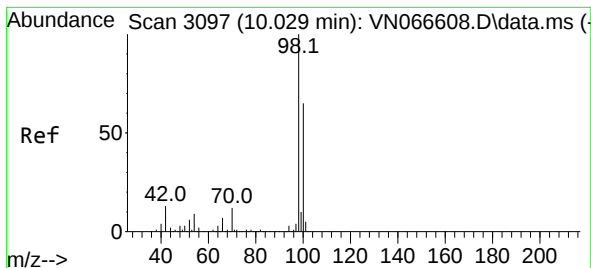
Tgt Ion: 41 Resp: 553  
Ion Ratio Lower Upper  
41 100  
39 20.4 0.0 0.0#  
67 0.0 0.0 0.0  
52 0.0 0.0 0.0



#48  
Methyl methacrylate  
Concen: 1.38 ug/l  
RT: 9.120 min Scan# 2758  
Delta R.T. -0.016 min  
Lab File: VN066655.D  
Acq: 19 Apr 2021 12:21

Tgt Ion: 41 Resp: 5602  
Ion Ratio Lower Upper  
41 100  
69 0.0 75.9 113.9#  
39 23.8 46.6 69.8#

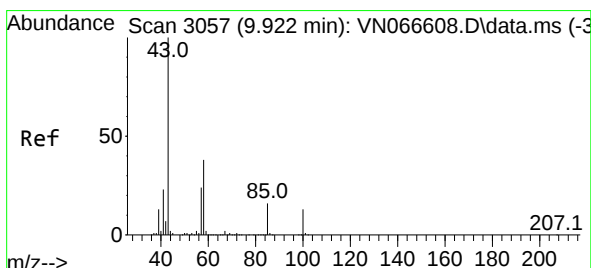
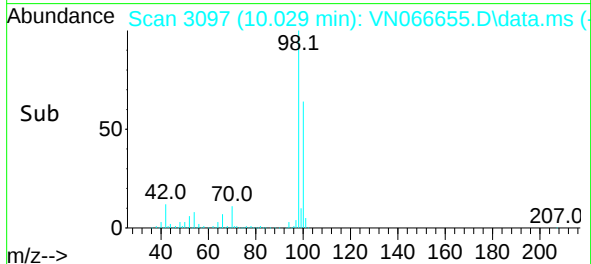
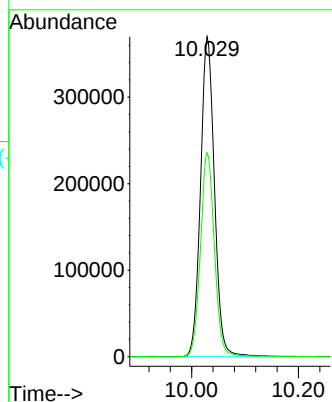
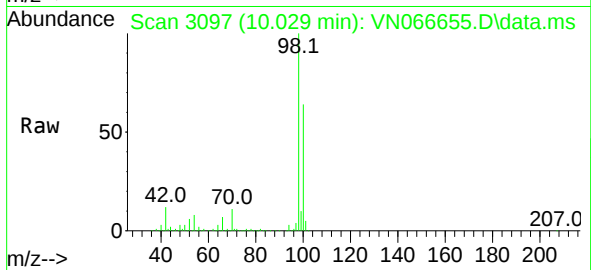




#50  
Toluene-d8  
Concen: 52.36 ug/l  
RT: 10.029 min Scan# 3097  
Delta R.T. -0.000 min  
Lab File: VN066655.D  
Acq: 19 Apr 2021 12:21

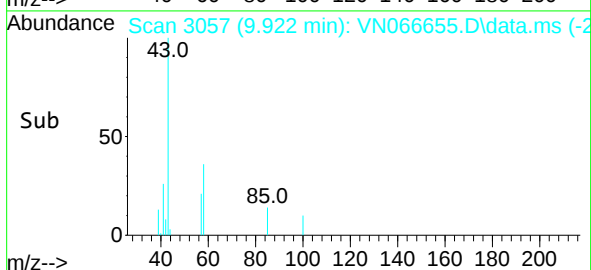
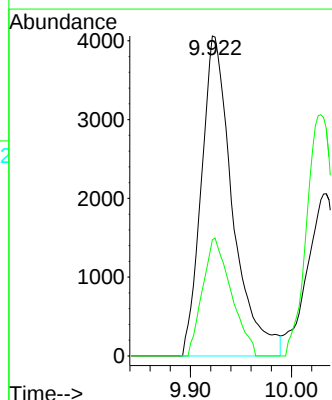
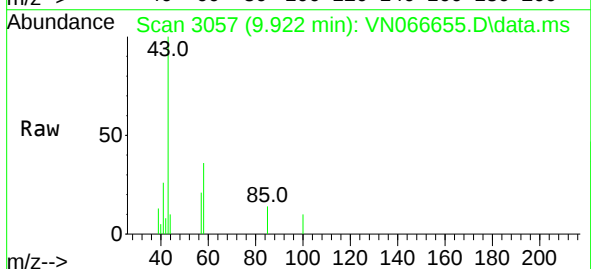
Instrument :  
MSVOA\_N  
ClientSampled :

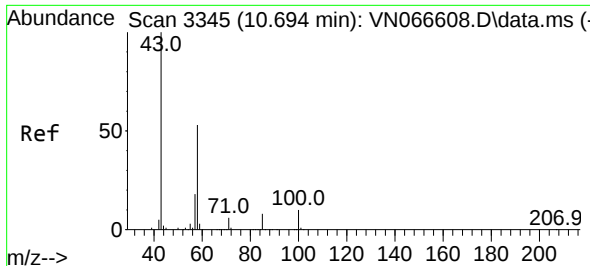
Tgt Ion: 98 Resp: 673097  
Ion Ratio Lower Upper  
98 100  
100 63.9 50.5 75.7



#51  
4-Methyl-2-Pentanone  
Concen: 1.64 ug/l  
RT: 9.922 min Scan# 3057  
Delta R.T. -0.000 min  
Lab File: VN066655.D  
Acq: 19 Apr 2021 12:21

Tgt Ion: 43 Resp: 8733  
Ion Ratio Lower Upper  
43 100  
58 33.7 32.5 48.7

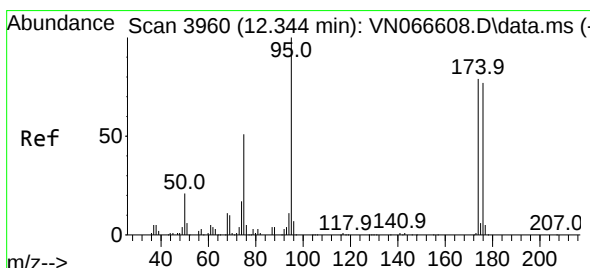
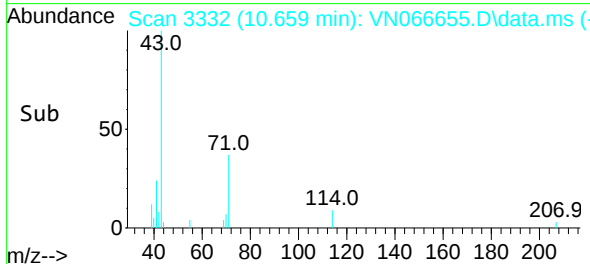
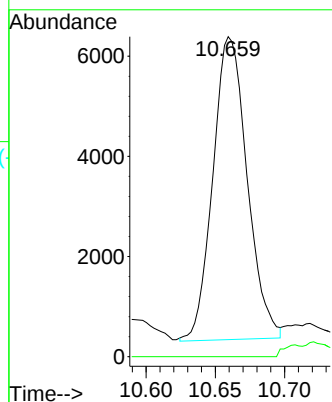
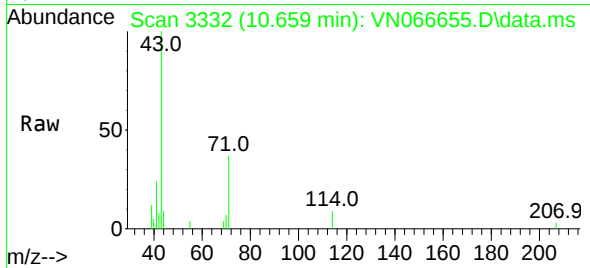




#59  
2-Hexanone  
Concen: 7.57 ug/l  
RT: 10.659 min Scan# 3332  
Delta R.T. -0.035 min  
Lab File: VN066655.D  
Acq: 19 Apr 2021 12:21

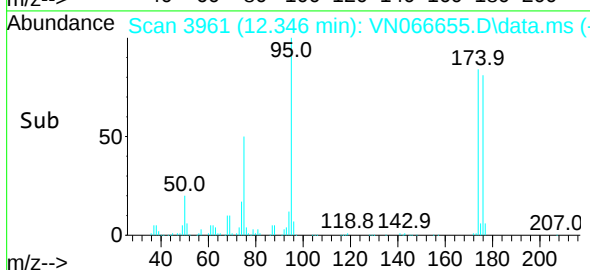
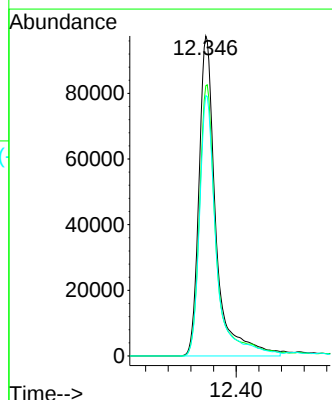
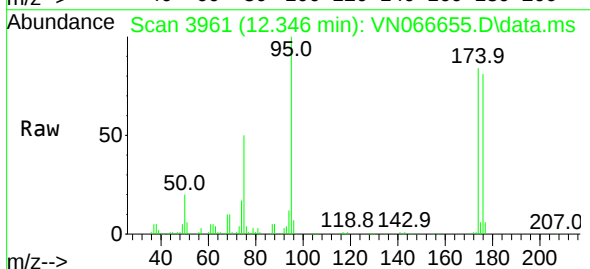
Instrument :  
MSVOA\_N  
ClientSampled :

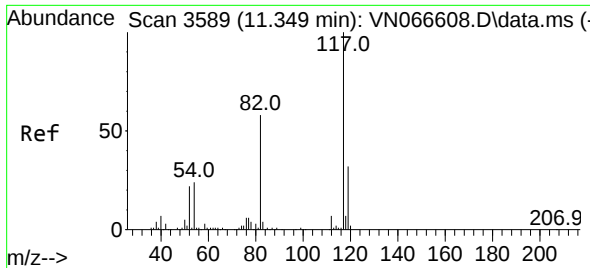
Tgt Ion: 43 Resp: 10417  
Ion Ratio Lower Upper  
43 100  
58 0.0 28.1 84.3#



#62  
4-Bromofluorobenzene  
Concen: 44.65 ug/l  
RT: 12.346 min Scan# 3961  
Delta R.T. 0.002 min  
Lab File: VN066655.D  
Acq: 19 Apr 2021 12:21

Tgt Ion: 95 Resp: 201807  
Ion Ratio Lower Upper  
95 100  
174 84.1 0.0 169.0  
176 80.9 0.0 162.4

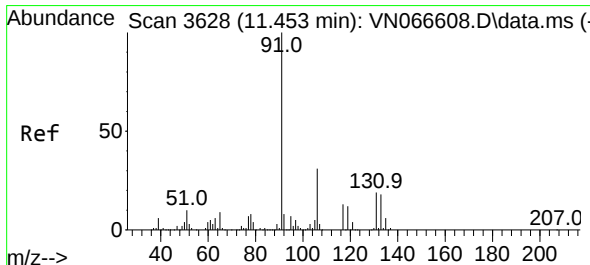
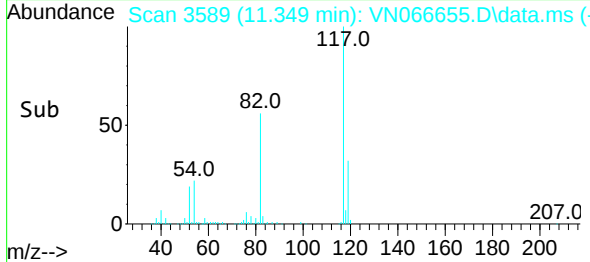
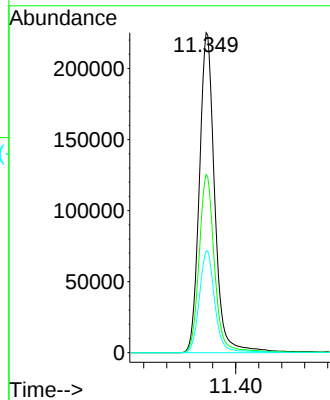
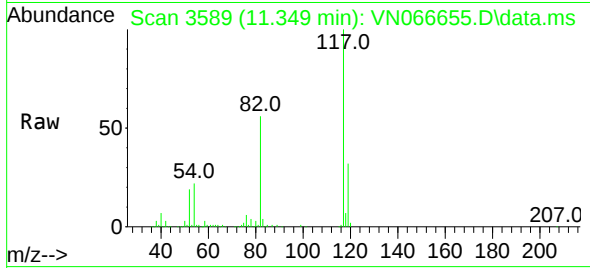




#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 11.349 min Scan# 3589  
Delta R.T. -0.001 min  
Lab File: VN066655.D  
Acq: 19 Apr 2021 12:21

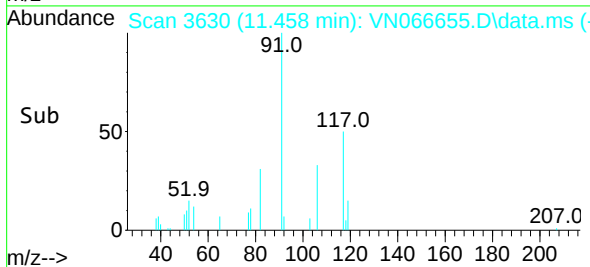
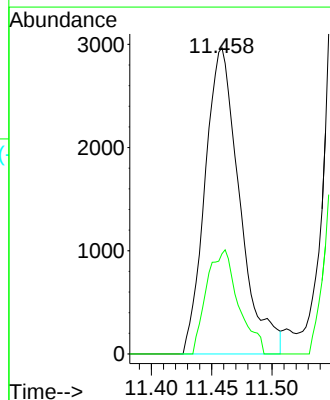
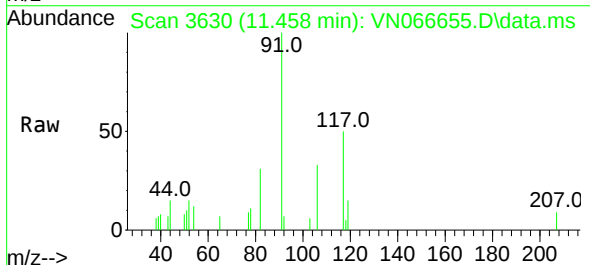
Instrument :  
MSVOA\_N  
ClientSampleId :

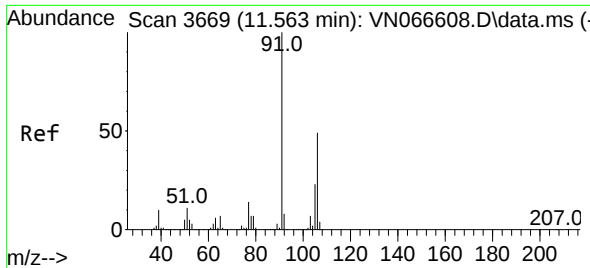
Tgt Ion:117 Resp: 417042  
Ion Ratio Lower Upper  
117 100  
82 55.7 43.7 65.5  
119 31.8 26.1 39.1



#67  
Ethyl Benzene  
Concen: 0.38 ug/l  
RT: 11.458 min Scan# 3630  
Delta R.T. 0.005 min  
Lab File: VN066655.D  
Acq: 19 Apr 2021 12:21

Tgt Ion: 91 Resp: 5925  
Ion Ratio Lower Upper  
91 100  
106 32.7 25.5 38.3

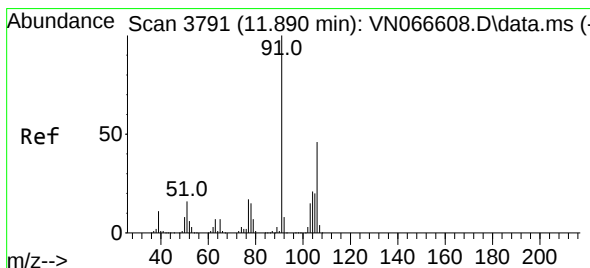
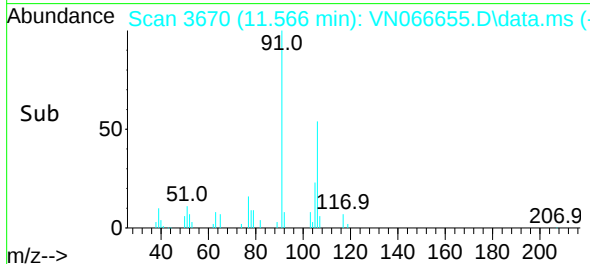
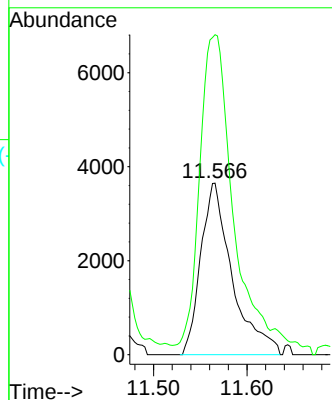
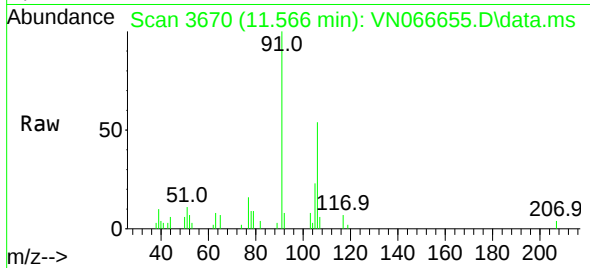




#68  
m/p-Xylenes  
Concen: 1.48 ug/l  
RT: 11.566 min Scan# 3670  
Delta R.T. 0.003 min  
Lab File: VN066655.D  
Acq: 19 Apr 2021 12:21

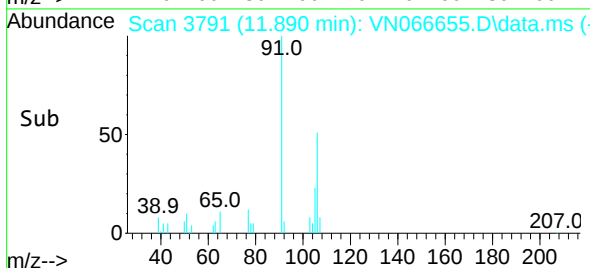
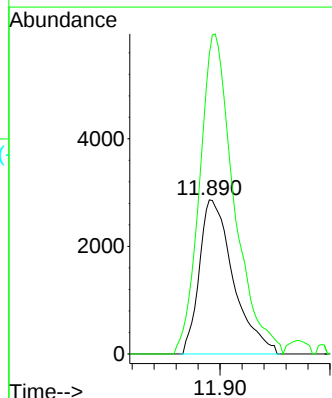
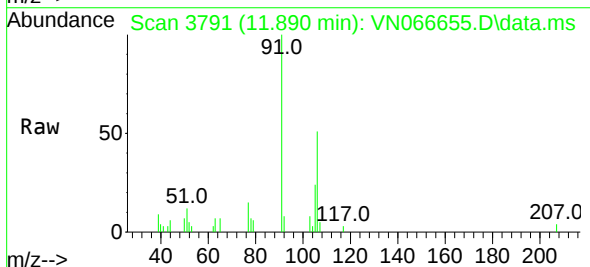
Instrument :  
MSVOA\_N  
ClientSampleId :

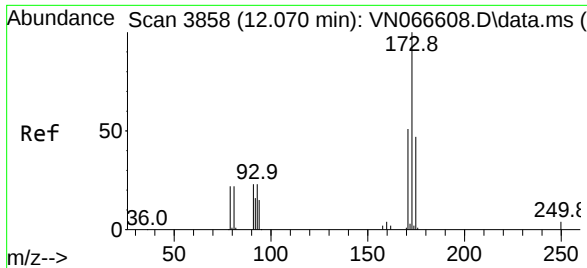
Tgt Ion:106 Resp: 8542  
Ion Ratio Lower Upper  
106 100  
91 183.2 161.4 242.0



#69  
o-Xylene  
Concen: 1.09 ug/l  
RT: 11.890 min Scan# 3791  
Delta R.T. 0.000 min  
Lab File: VN066655.D  
Acq: 19 Apr 2021 12:21

Tgt Ion:106 Resp: 6139  
Ion Ratio Lower Upper  
106 100  
91 210.2 106.8 320.4

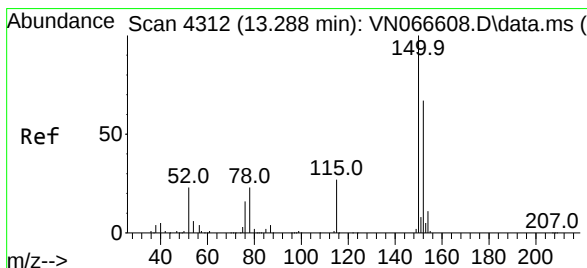
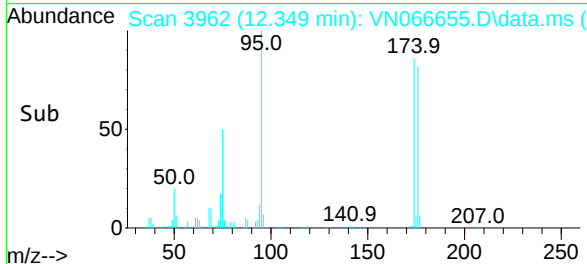
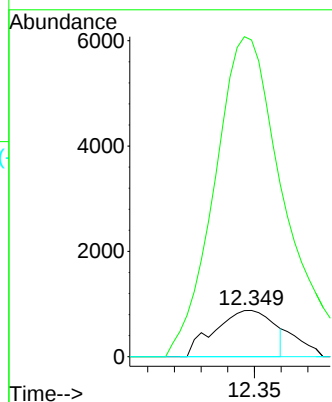
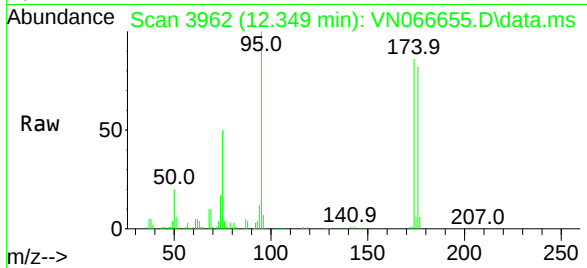




#71  
Bromoform  
Concen: 0.54 ug/l  
RT: 12.349 min Scan# 3962  
Delta R.T. 0.279 min  
Lab File: VN066655.D  
Acq: 19 Apr 2021 12:21

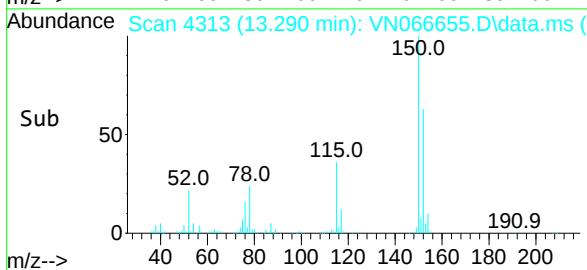
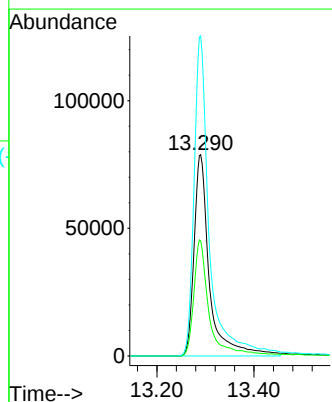
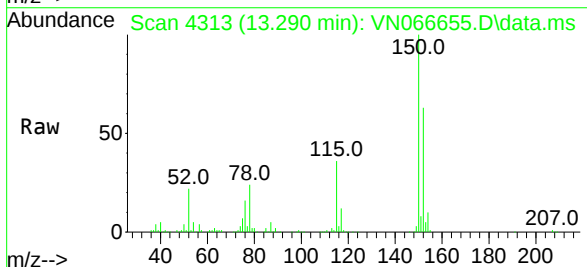
Instrument :  
MSVOA\_N  
ClientSampled :

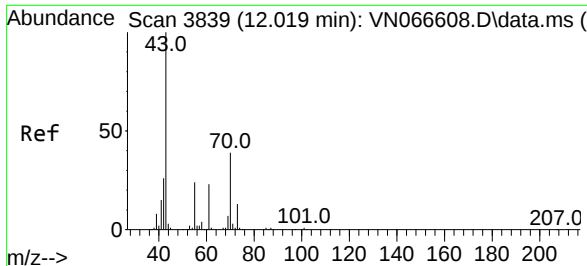
Tgt Ion:173 Resp: 1342  
Ion Ratio Lower Upper  
173 100  
175 672.1 23.8 71.2#  
254 0.0 0.0 0.0



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.00 ug/l  
RT: 13.290 min Scan# 4313  
Delta R.T. 0.002 min  
Lab File: VN066655.D  
Acq: 19 Apr 2021 12:21

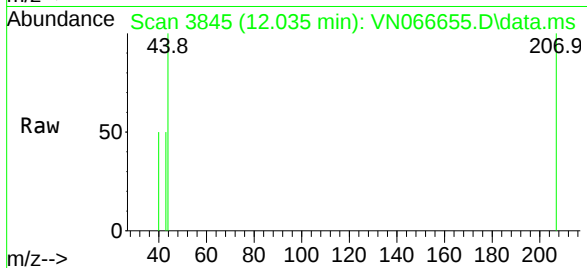
Tgt Ion:152 Resp: 174490  
Ion Ratio Lower Upper  
152 100  
115 53.7 28.5 85.6  
150 154.1 0.0 347.6



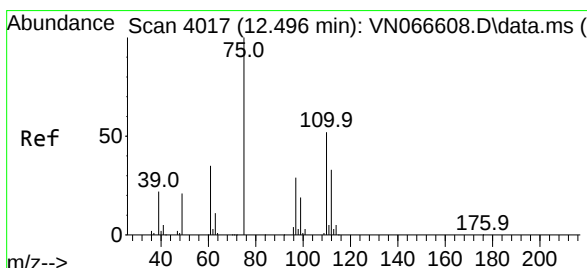
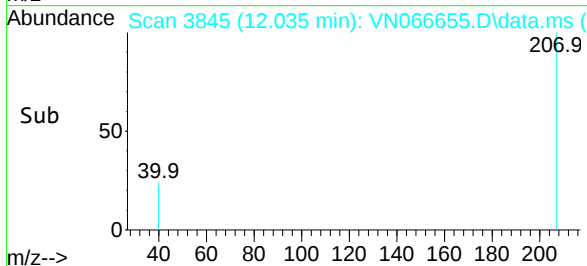
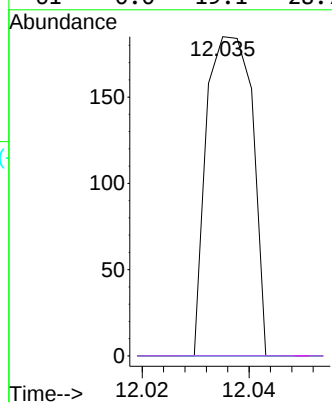


#74  
N-amy1 acetate  
Concen: 9.75 ug/l  
RT: 12.035 min Scan# 3845  
Delta R.T. 0.016 min  
Lab File: VN066655.D  
Acq: 19 Apr 2021 12:21

Instrument :  
MSVOA\_N  
ClientSampleId :

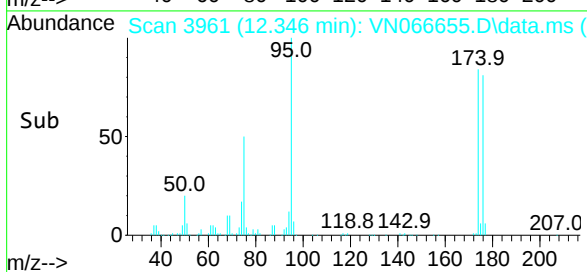
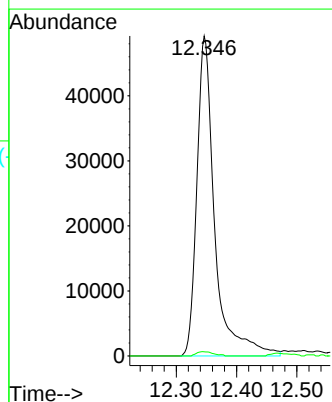
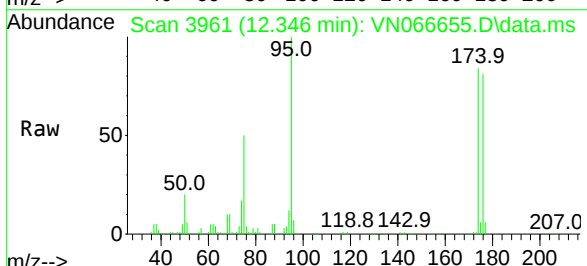


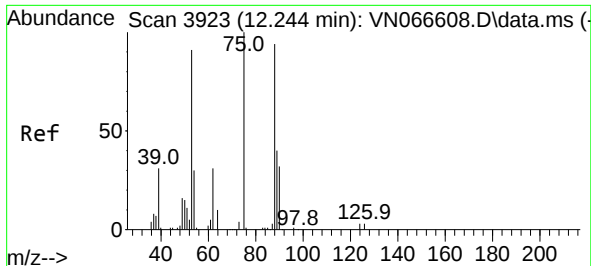
Tgt Ion: 43 Resp: 110  
Ion Ratio Lower Upper  
43 100  
70 0.0 34.4 51.6#  
55 0.0 20.7 31.1#  
61 0.0 19.1 28.7#



#76  
1,2,3-Trichloropropane  
Concen: 24.76 ug/l  
RT: 12.346 min Scan# 3961  
Delta R.T. -0.150 min  
Lab File: VN066655.D  
Acq: 19 Apr 2021 12:21

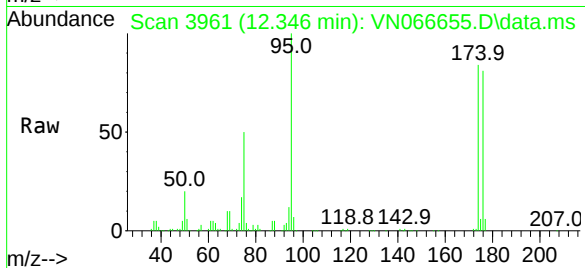
Tgt Ion: 75 Resp: 101045  
Ion Ratio Lower Upper  
75 100  
77 1.3 0.0 0.0#



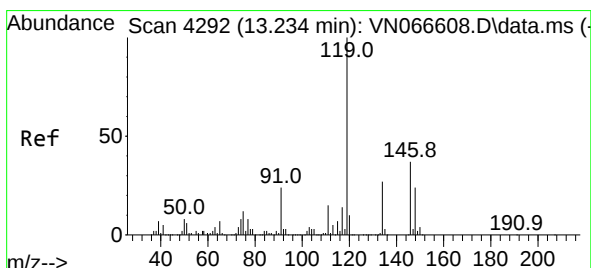
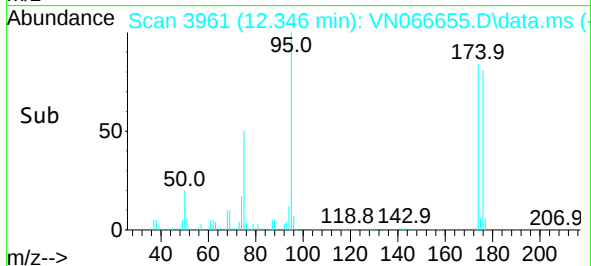
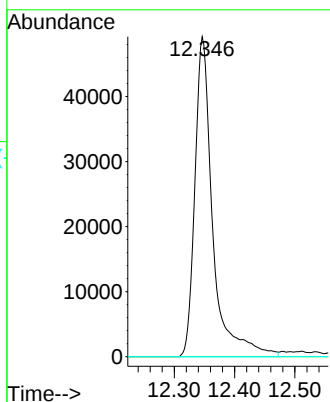


#81  
trans-1,4-Dichloro-2-butene  
Concen: 76.49 ug/l  
RT: 12.346 min Scan# 3961  
Delta R.T. 0.102 min  
Lab File: VN066655.D  
Acq: 19 Apr 2021 12:21

Instrument :  
MSVOA\_N  
ClientSampled :

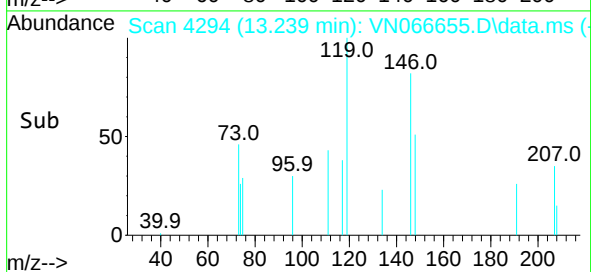
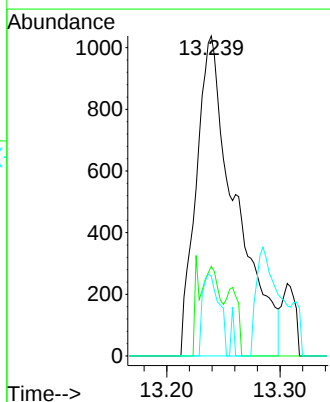
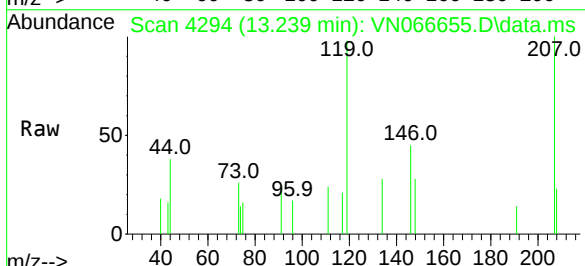


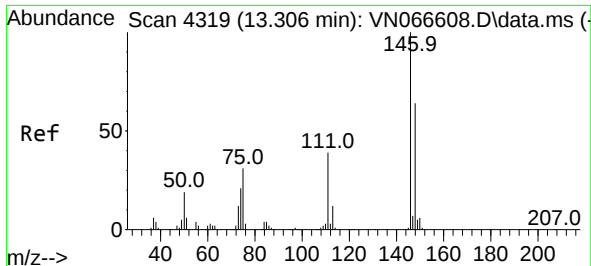
Tgt Ion: 75 Resp: 101045  
Ion Ratio Lower Upper  
75 100  
53 0.0 74.6 111.8#  
89 0.0 35.8 53.8#



#86  
p-Isopropyltoluene  
Concen: 0.24 ug/l  
RT: 13.239 min Scan# 4294  
Delta R.T. 0.005 min  
Lab File: VN066655.D  
Acq: 19 Apr 2021 12:21

Tgt Ion: 119 Resp: 2486  
Ion Ratio Lower Upper  
119 100  
134 10.7 13.3 39.8#  
91 10.9 11.8 35.3#

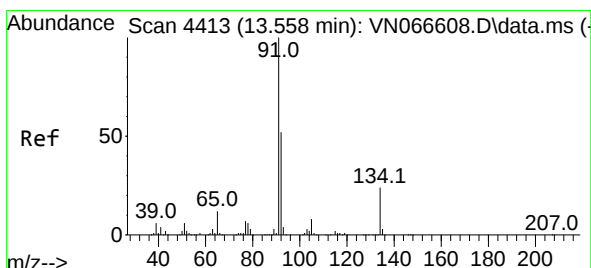
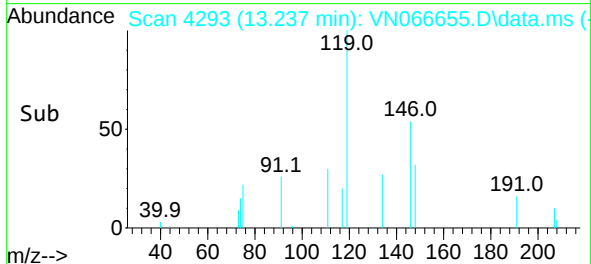
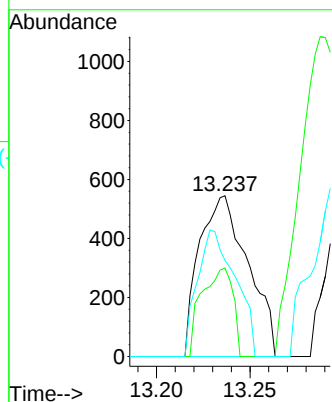
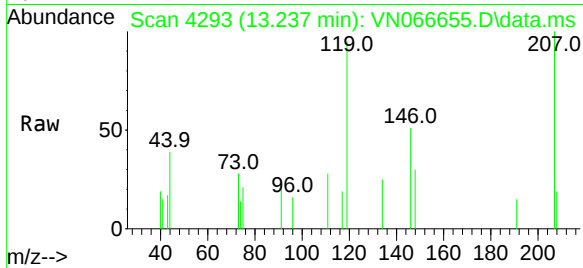




#88  
1,4-Dichlorobenzene  
Concen: Below Cal  
RT: 13.237 min Scan# 4293  
Delta R.T. -0.069 min  
Lab File: VN066655.D  
Acq: 19 Apr 2021 12:21

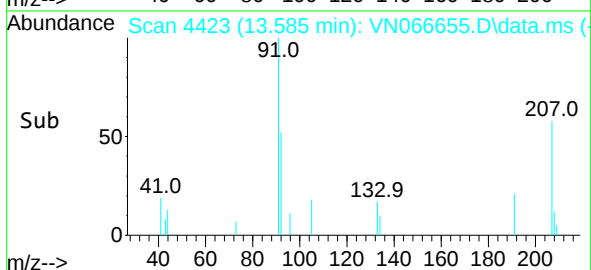
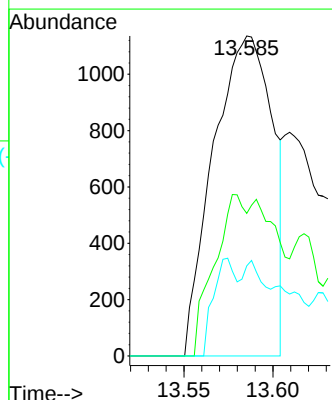
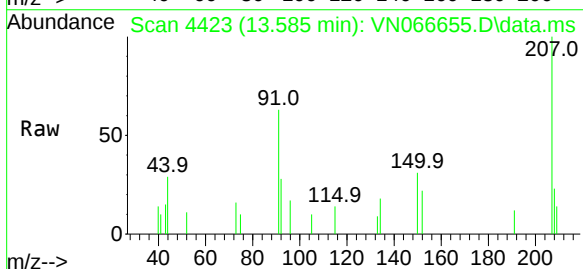
Instrument :  
MSVOA\_N  
ClientSampleId :

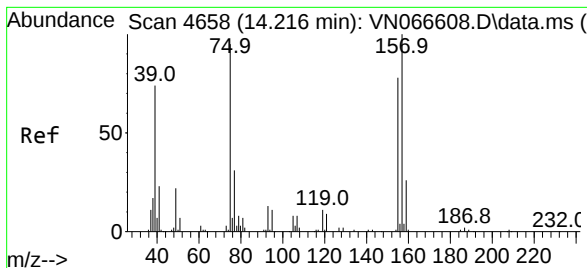
Tgt Ion:146 Resp: 983  
Ion Ratio Lower Upper  
146 100  
111 35.2 19.0 57.0  
148 61.5 31.8 95.3



#89  
n-Butylbenzene  
Concen: 0.30 ug/l  
RT: 13.585 min Scan# 4423  
Delta R.T. 0.027 min  
Lab File: VN066655.D  
Acq: 19 Apr 2021 12:21

Tgt Ion: 91 Resp: 2621  
Ion Ratio Lower Upper  
91 100  
92 27.4 26.1 78.3  
134 11.7 13.0 38.9#





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.28 ug/l

RT: 14.216 min Scan# 4658

Delta R.T. -0.000 min

Lab File: VN066655.D

Acq: 19 Apr 2021 12:21

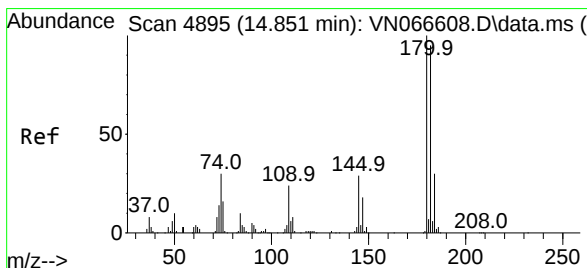
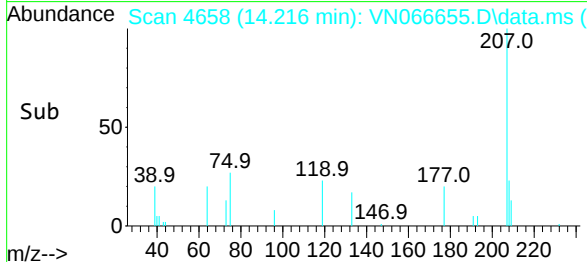
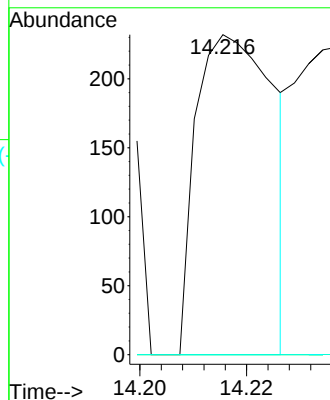
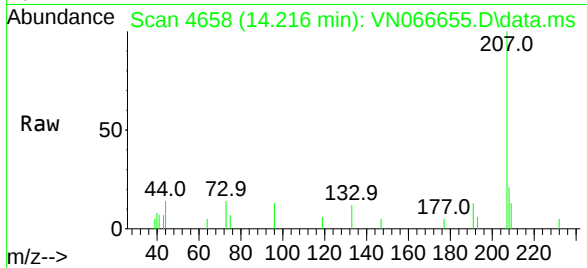
Tgt Ion: 75 Resp: 234

Ion Ratio Lower Upper

75 100

155 0.0 44.1 132.4#

157 0.0 56.0 168.2#



#93

1,2,4-Trichlorobenzene

Concen: 1.04 ug/l

RT: 14.867 min Scan# 4901

Delta R.T. 0.016 min

Lab File: VN066655.D

Acq: 19 Apr 2021 12:21

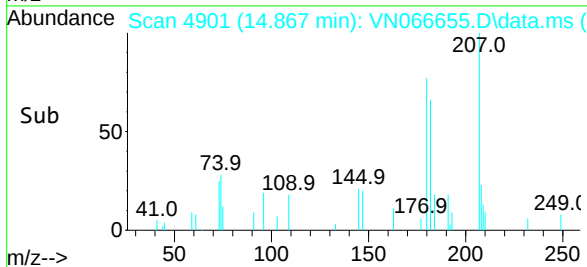
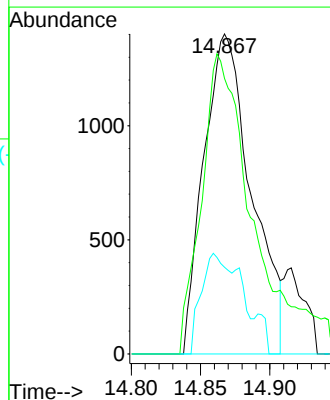
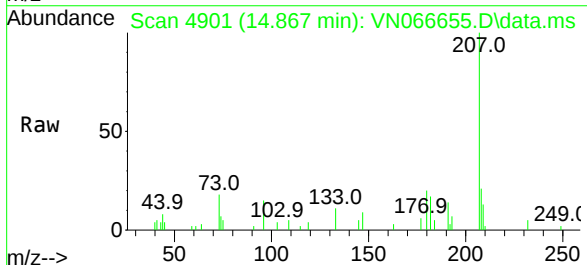
Tgt Ion: 180 Resp: 3357

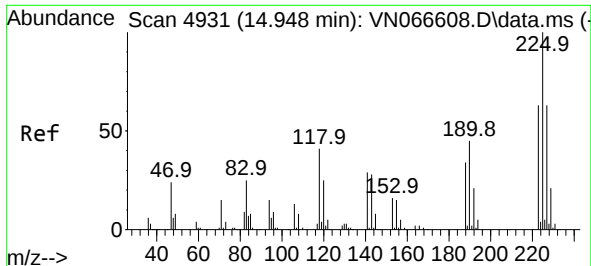
Ion Ratio Lower Upper

180 100

182 102.7 47.3 142.0

145 25.7 15.6 46.8

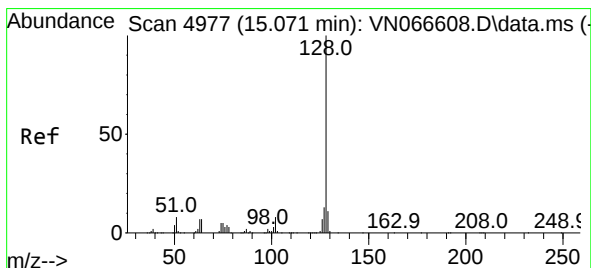
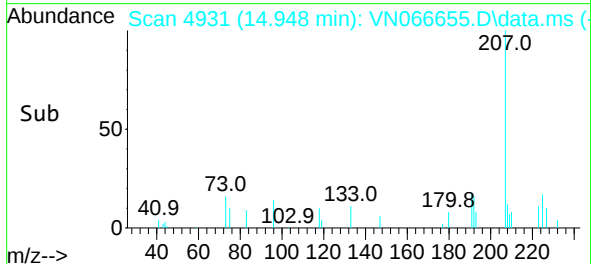
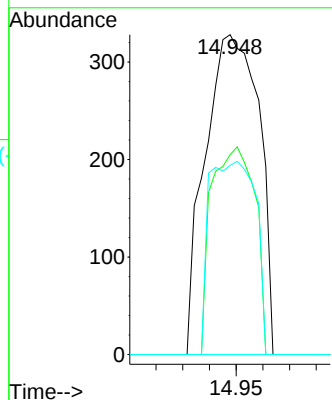
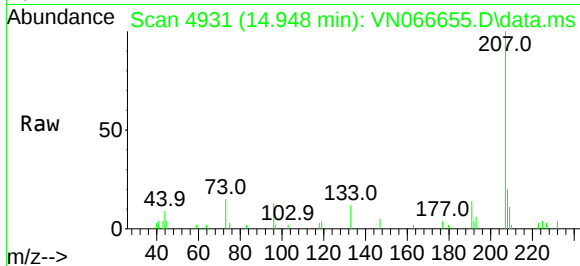




#94  
Hexachlorobutadiene  
Concen: 0.25 ug/l  
RT: 14.948 min Scan# 4931  
Delta R.T. -0.000 min  
Lab File: VN066655.D  
Acq: 19 Apr 2021 12:21

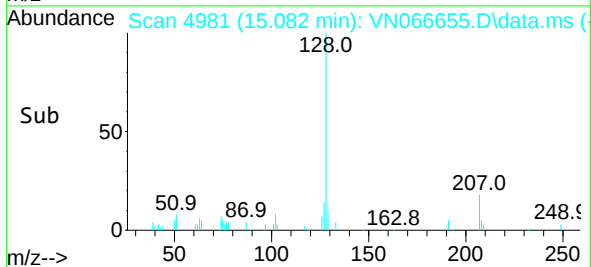
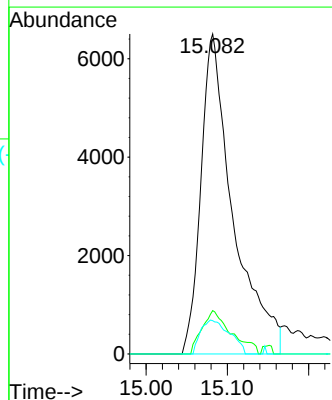
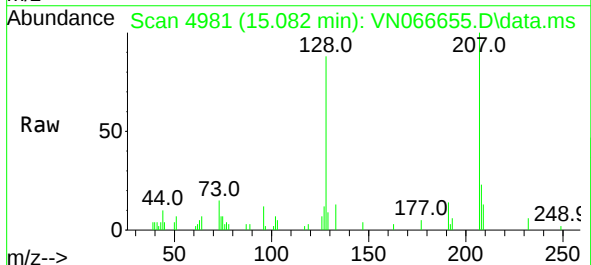
Instrument :  
MSVOA\_N  
ClientSampled :

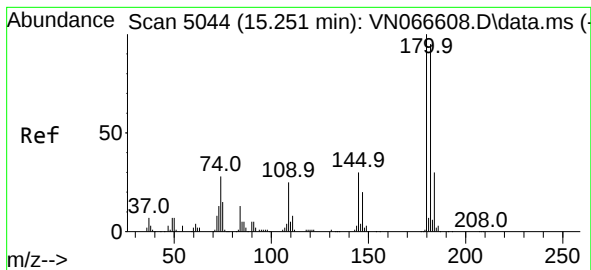
Tgt Ion:225 Resp: 457  
Ion Ratio Lower Upper  
225 100  
223 52.5 31.9 95.9  
227 52.1 31.6 95.0



#95  
Naphthalene  
Concen: 2.00 ug/l  
RT: 15.082 min Scan# 4981  
Delta R.T. 0.011 min  
Lab File: VN066655.D  
Acq: 19 Apr 2021 12:21

Tgt Ion:128 Resp: 17838  
Ion Ratio Lower Upper  
128 100  
127 12.4 10.2 15.2  
129 9.5 8.6 13.0





#96  
 1,2,3-Trichlorobenzene  
 Concen: 1.34 ug/l  
 RT: 15.256 min Scan# 5046  
 Delta R.T. 0.005 min  
 Lab File: VN066655.D  
 Acq: 19 Apr 2021 12:21

Instrument :  
 MSVOA\_N  
 ClientSampleId :

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 92.4  | 47.4  | 142.3 |
| 145     | 28.4  | 16.5  | 49.5  |

