

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN111521\  
 Data File : VN069484.D  
 Acq On : 15 Nov 2021 11:08  
 Operator : JC/MD  
 Sample : VN1115MBL01  
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA\_N/MEOH  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Nov 16 00:47:21 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N110921W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Nov 09 18:18:22 2021  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 8.086  | 168  | 1266213  | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.968  | 114  | 2166943  | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.744 | 117  | 2065500  | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.675 | 152  | 690347   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |          |
|-----------------------------|--------|-------|----------|----------|------|----------|
| System Monitoring Compounds |        |       |          |          |      |          |
| 33) 1,2-Dichloroethane-d4   | 8.437  | 65    | 915480   | 49.864   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 61 - 141 | Recovery | =    | 99.720%  |
| 35) Dibromofluoromethane    | 8.021  | 113   | 648568   | 49.904   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 69 - 133 | Recovery | =    | 99.800%  |
| 50) Toluene-d8              | 10.441 | 98    | 2739277  | 53.591   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 65 - 126 | Recovery | =    | 107.180% |
| 62) 4-Bromofluorobenzene    | 12.734 | 95    | 879123   | 46.818   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 58 - 135 | Recovery | =    | 93.640%  |

|                               |        |     |        |           |        |    |
|-------------------------------|--------|-----|--------|-----------|--------|----|
| Target Compounds              |        |     | Qvalue |           |        |    |
| 3) Chloromethane              | 2.306  | 50  | 3141   | 0.200     | ug/l # | 85 |
| 11) Tert butyl alcohol        | 5.323  | 59  | 4602   | 1.391     | ug/l # | 71 |
| 13) Acrolein                  | 4.039  | 56  | 870    | Below Cal | #      | 64 |
| 15) Acrylonitrile             | 5.557  | 53  | 1728   | 0.204     | ug/l # | 64 |
| 16) Acetone                   | 4.296  | 43  | 7848   | 0.792     | ug/l   | 95 |
| 20) Methylene Chloride        | 5.101  | 84  | 4686   | 0.334     | ug/l # | 87 |
| 25) 2-Butanone                | 7.348  | 43  | 5457   | 0.407     | ug/l   | 92 |
| 29) Tetrahydrofuran           | 7.697  | 42  | 1669   | 0.203     | ug/l # | 73 |
| 31) Cyclohexane               | 8.086  | 56  | 33325  | 1.329     | ug/l # | 33 |
| 36) 1,1-Dichloropropene       | 8.088  | 75  | 111790 | 6.131     | ug/l # | 50 |
| 38) Carbon Tetrachloride      | 8.086  | 117 | 134166 | 7.622     | ug/l # | 16 |
| 49) 1,4-Dioxane               | 9.585  | 88  | 748    | 41.006    | ug/l # | 47 |
| 51) 4-Methyl-2-Pentanone      | 10.331 | 43  | 11193  | 0.438     | ug/l   | 94 |
| 53) t-1,3-Dichloropropene     | 10.722 | 75  | 557    | 2.660     | ug/l # | 43 |
| 54) cis-1,3-Dichloropropene   | 10.183 | 75  | 198    | 1.741     | ug/l # | 32 |
| 56) Ethyl methacrylate        | 10.762 | 69  | 1625   | 2.111     | ug/l # | 60 |
| 58) 2-Chloroethyl Vinyl ether | 10.046 | 63  | 26     | 22.774    | ug/l # | 45 |
| 59) 2-Hexanone                | 11.092 | 43  | 19996  | 8.839     | ug/l   | 89 |
| 60) Dibromochloromethane      | 11.240 | 129 | 84     | 2.423     | ug/l # | 1  |
| 61) 1,2-Dibromoethane         | 11.350 | 107 | 297    | 1.090     | ug/l   | 86 |
| 70) Styrene                   | 12.299 | 104 | 2897   | 1.580     | ug/l # | 87 |
| 71) Bromoform                 | 12.463 | 173 | 209    | 3.445     | ug/l # | 29 |
| 74) N-amyl acetate            | 12.390 | 43  | 11542  | 0.495     | ug/l # | 88 |
| 76) 1,2,3-Trichloropropane    | 12.731 | 75  | 499253 | 31.337    | ug/l # | 1  |
| 81) trans-1,4-Dichloro-2-b... | 12.731 | 75  | 499253 | 88.271    | ug/l # | 5  |
| 82) 4-Chlorotoluene           | 13.112 | 91  | 7327   | 0.201     | ug/l   | 82 |
| 87) 1,3-Dichlorobenzene       | 13.616 | 146 | 5270   | 0.242     | ug/l # | 86 |
| 88) 1,4-Dichlorobenzene       | 13.696 | 146 | 7445   | 0.348     | ug/l # | 26 |
| 89) n-Butylbenzene            | 13.943 | 91  | 12610  | 0.350     | ug/l   | 97 |
| 90) Hexachloroethane          | 13.946 | 117 | 360    | 2.205     | ug/l # | 6  |
| 91) 1,2-Dichlorobenzene       | 13.986 | 146 | 5864   | 0.283     | ug/l   | 93 |
| 92) 1,2-Dibromo-3-Chloropr... | 14.611 | 75  | 1405   | 2.190     | ug/l # | 56 |
| 93) 1,2,4-Trichlorobenzene    | 15.263 | 180 | 9591   | 3.941     | ug/l   | 92 |
| 95) Naphthalene               | 15.507 | 128 | 34635  | 5.481     | ug/l   | 96 |
| 96) 1,2,3-Trichlorobenzene    | 15.703 | 180 | 11687  | 4.223     | ug/l   | 94 |

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Operator : JC/MD  
Sample : VN1115MBL01  
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA\_N/MEOH  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :

Quant Time: Nov 16 00:47:21 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N110921W.M  
Quant Title : SW846 8260  
QLast Update : Tue Nov 09 18:18:22 2021  
Response via : Initial Calibration

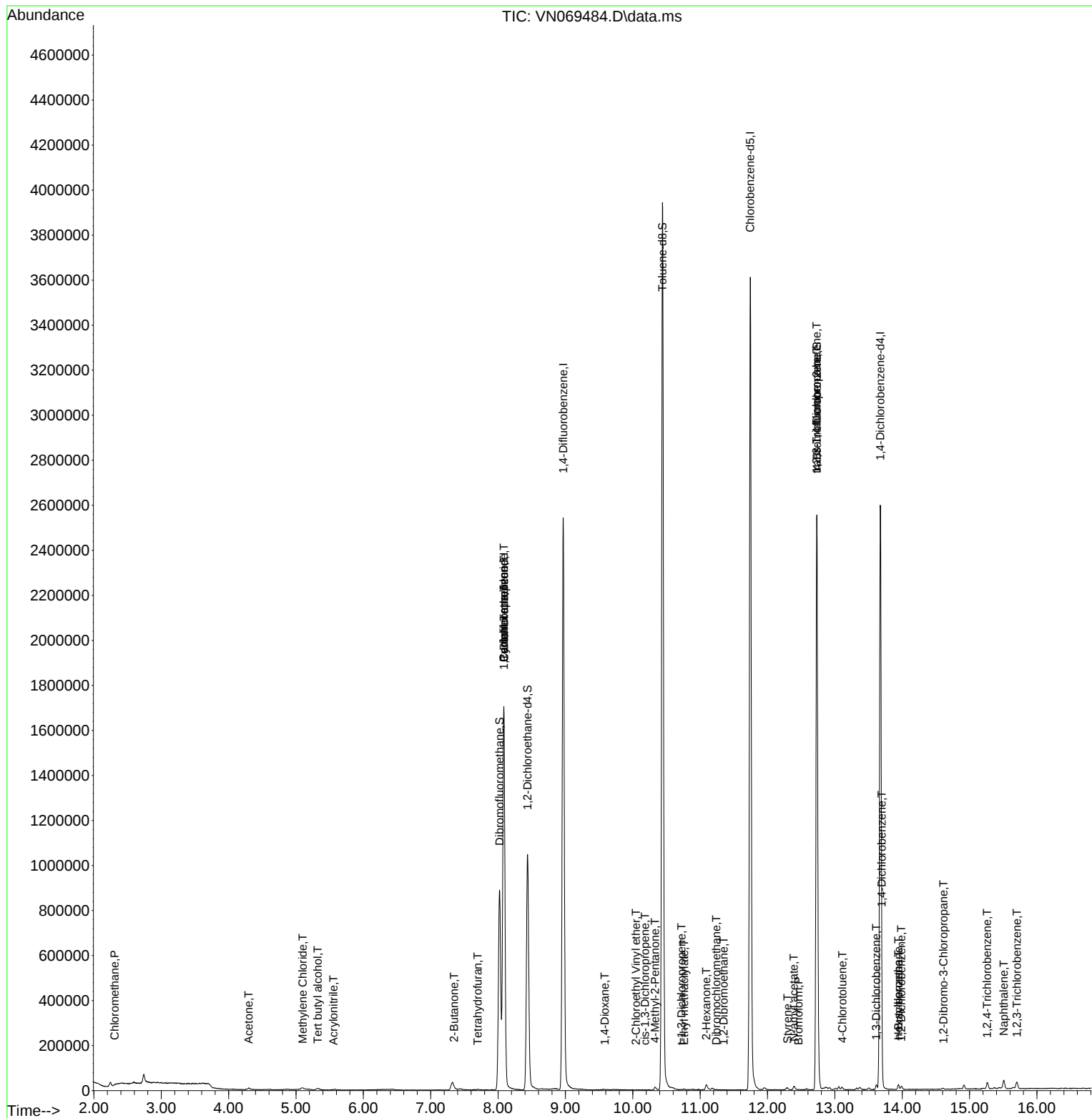
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------|------|------|----------|------|-------|----------|
|----------|------|------|----------|------|-------|----------|

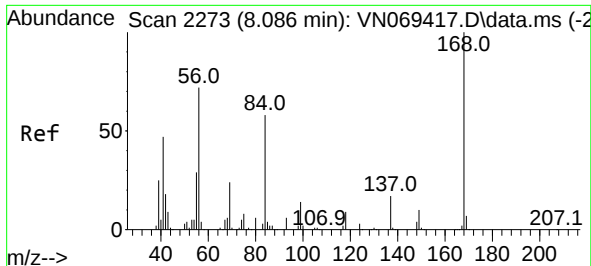
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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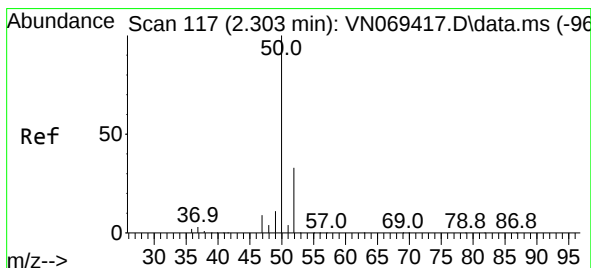
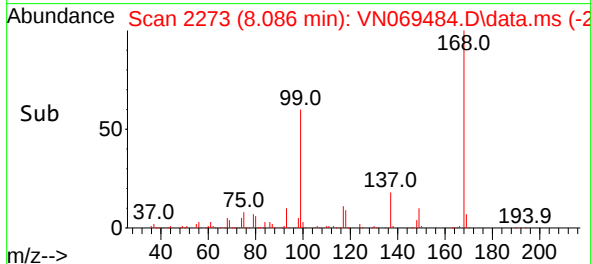
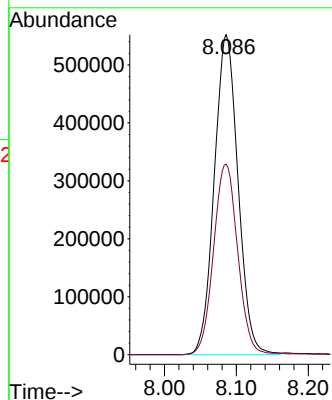
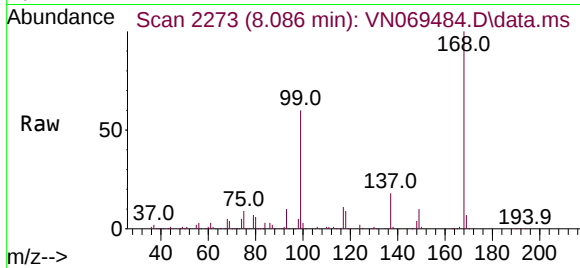




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.086 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: VN069484.D  
Acq: 15 Nov 2021 11:08

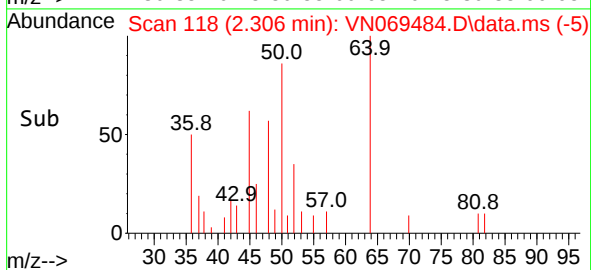
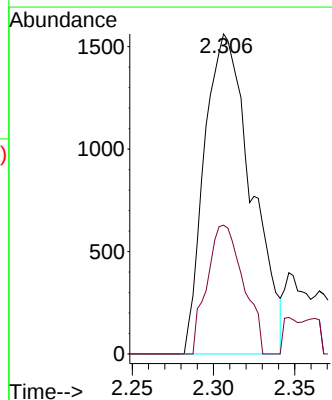
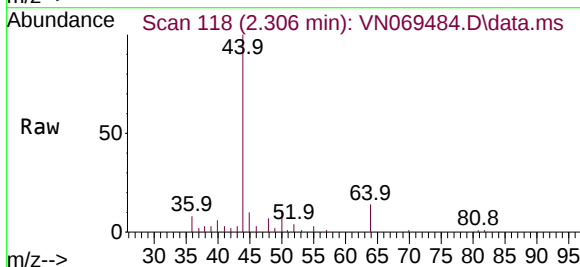
Instrument :  
MSVOA\_N  
ClientSampleId :

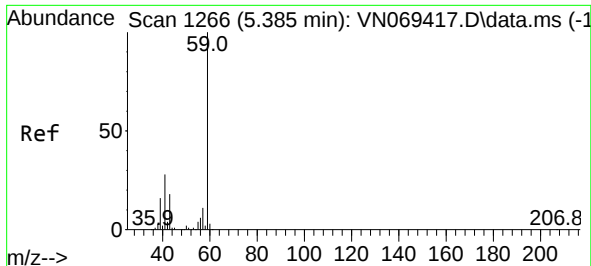
Tgt Ion:168 Resp: 1266213  
Ion Ratio Lower Upper  
168 100  
99 59.6 41.3 61.9



#3  
Chloromethane  
Concen: 0.200 ug/l  
RT: 2.306 min Scan# 118  
Delta R.T. 0.003 min  
Lab File: VN069484.D  
Acq: 15 Nov 2021 11:08

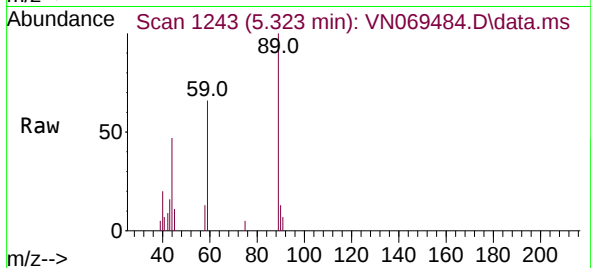
Tgt Ion: 50 Resp: 3141  
Ion Ratio Lower Upper  
50 100  
52 40.3 25.4 38.0#



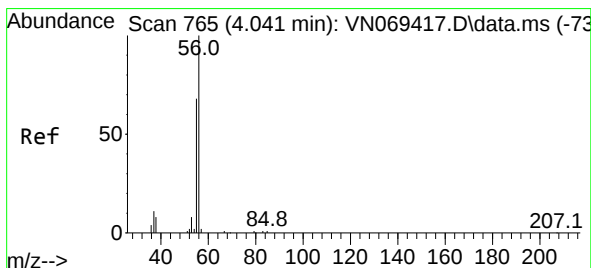
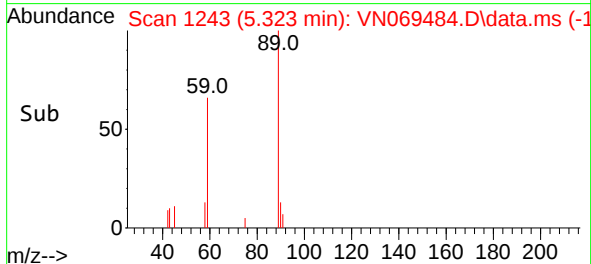
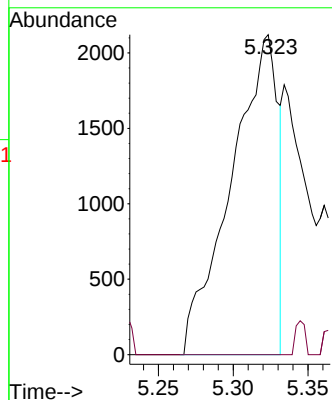


#11  
Tert butyl alcohol  
Concen: 1.391 ug/l  
RT: 5.323 min Scan# 11  
Delta R.T. -0.062 min  
Lab File: VN069484.D  
Acq: 15 Nov 2021 11:08

Instrument :  
MSVOA\_N  
ClientSampleId :

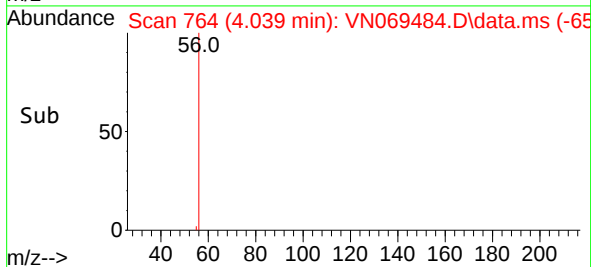
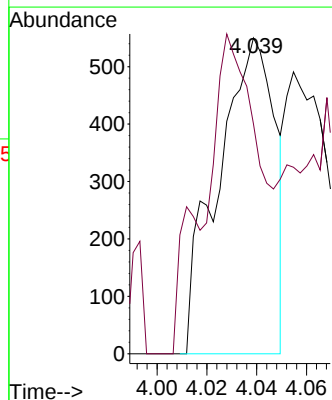
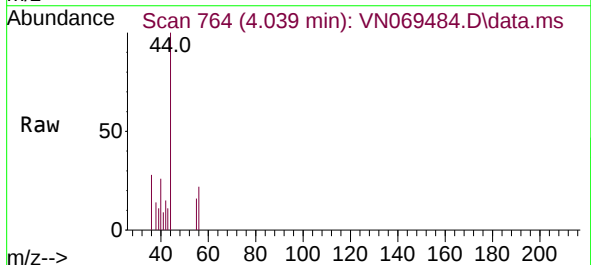


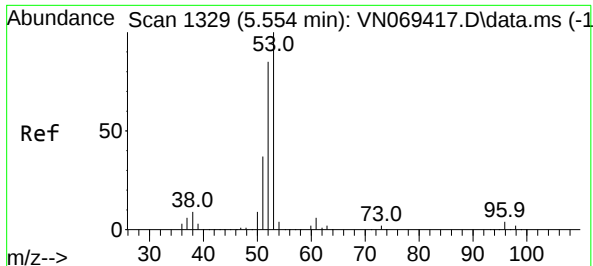
Tgt Ion: 59 Resp: 4602  
Ion Ratio Lower Upper  
59 100  
57 0.0 8.7 13.1#



#13  
Acrolein  
Concen: Below Cal  
RT: 4.039 min Scan# 764  
Delta R.T. -0.002 min  
Lab File: VN069484.D  
Acq: 15 Nov 2021 11:08

Tgt Ion: 56 Resp: 870  
Ion Ratio Lower Upper  
56 100  
55 41.1 56.6 85.0#





#15

Acrylonitrile

Concen: 0.204 ug/l

RT: 5.557 min Scan# 11

Delta R.T. 0.003 min

Lab File: VN069484.D

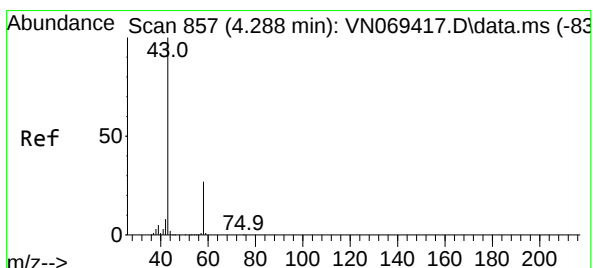
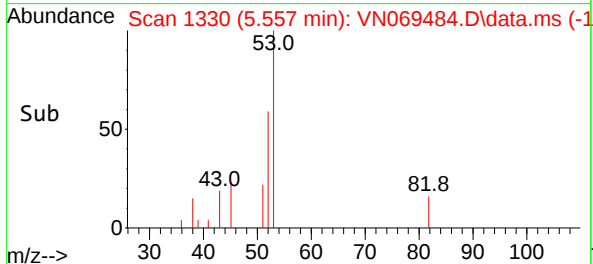
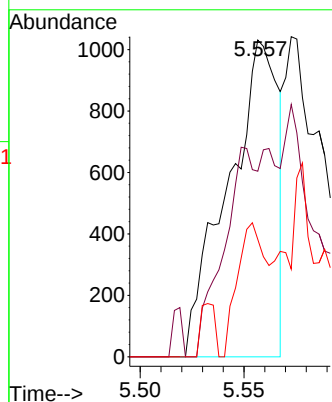
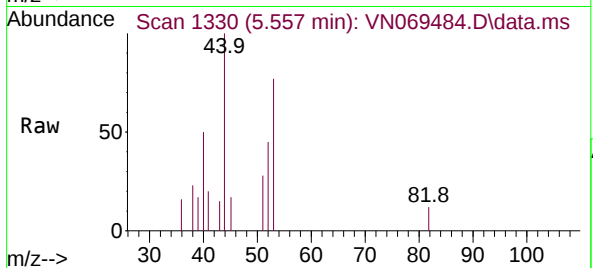
Acq: 15 Nov 2021 11:08

Instrument :

MSVOA\_N

ClientSampleId :

|             |                 |
|-------------|-----------------|
| Tgt Ion: 53 | Resp: 1728      |
| Ion Ratio   | Lower Upper     |
| 53          | 100             |
| 52          | 44.8 66.2 99.2# |
| 51          | 23.9 29.6 44.4# |



#16

Acetone

Concen: 0.792 ug/l

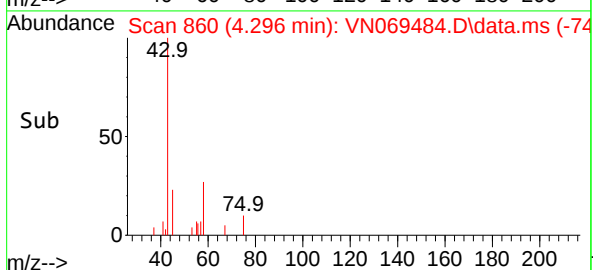
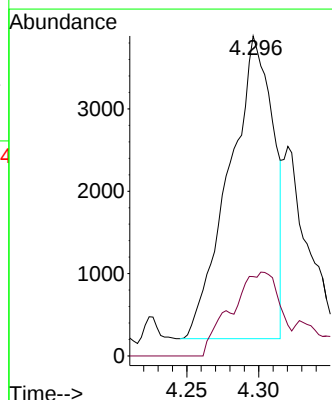
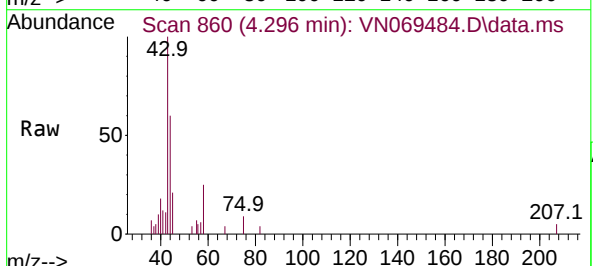
RT: 4.296 min Scan# 860

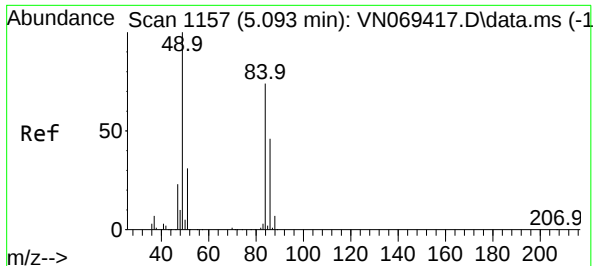
Delta R.T. 0.008 min

Lab File: VN069484.D

Acq: 15 Nov 2021 11:08

|             |                |
|-------------|----------------|
| Tgt Ion: 43 | Resp: 7848     |
| Ion Ratio   | Lower Upper    |
| 43          | 100            |
| 58          | 26.2 23.1 34.7 |





#20

Methylene Chloride

Concen: 0.334 ug/l

RT: 5.101 min Scan# 1157

Delta R.T. 0.008 min

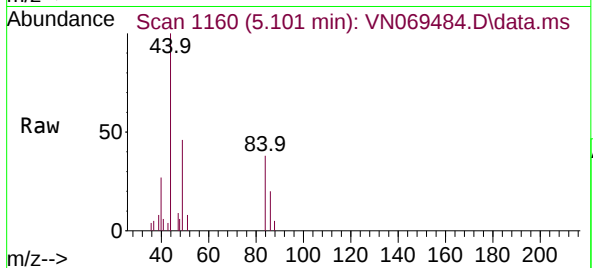
Lab File: VN069484.D

Acq: 15 Nov 2021 11:08

Instrument :

MSVOA\_N

ClientSampleId :



Tgt Ion: 84 Resp: 4686

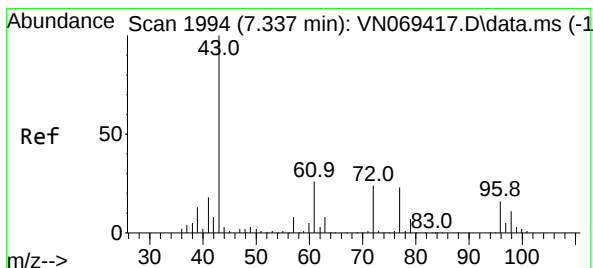
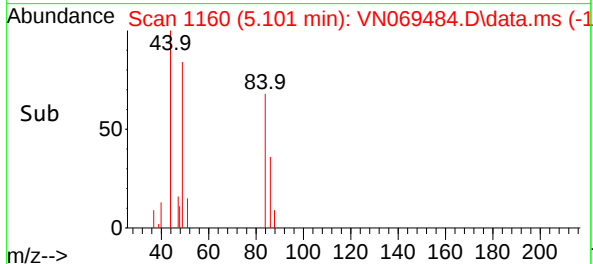
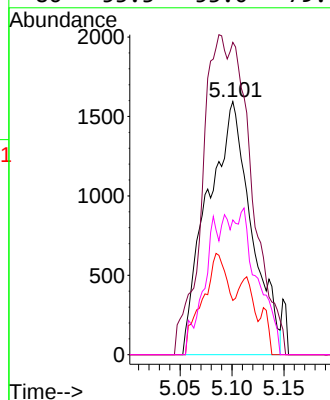
Ion Ratio Lower Upper

84 100

49 109.9 93.5 140.3

51 21.5 29.4 44.2#

86 53.3 53.0 79.4



#25

2-Butanone

Concen: 0.407 ug/l

RT: 7.348 min Scan# 1998

Delta R.T. 0.011 min

Lab File: VN069484.D

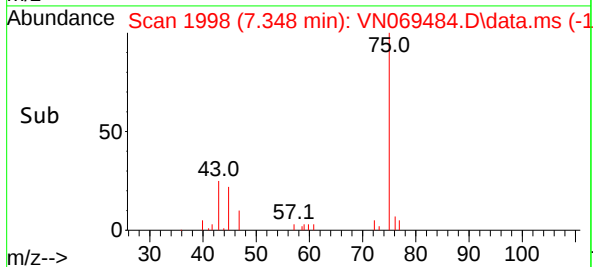
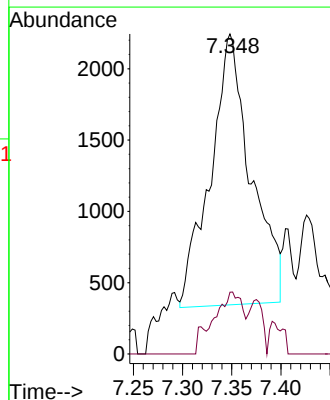
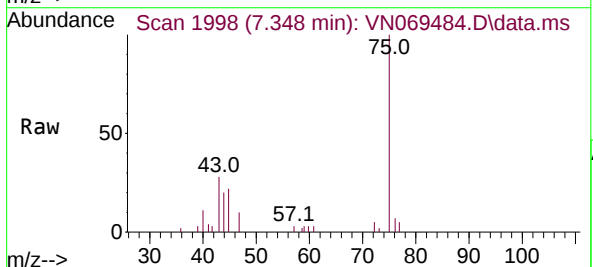
Acq: 15 Nov 2021 11:08

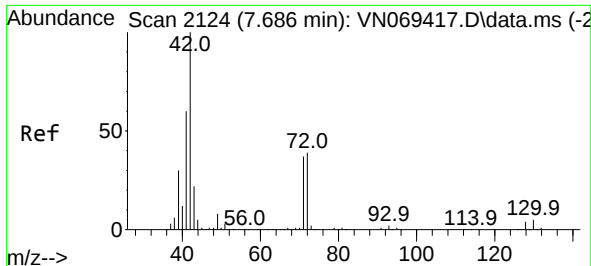
Tgt Ion: 43 Resp: 5457

Ion Ratio Lower Upper

43 100

72 23.0 21.7 32.5





#29

Tetrahydrofuran

Concen: 0.203 ug/l

RT: 7.697 min Scan# 2124

Delta R.T. 0.011 min

Lab File: VN069484.D

Acq: 15 Nov 2021 11:08

Instrument :

MSVOA\_N

ClientSampleId :

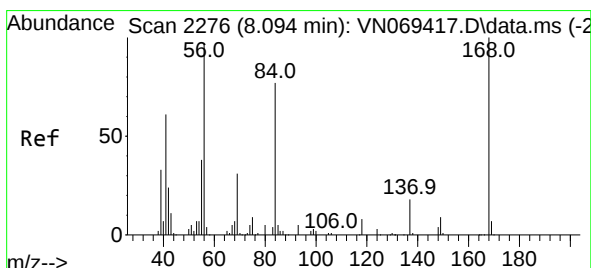
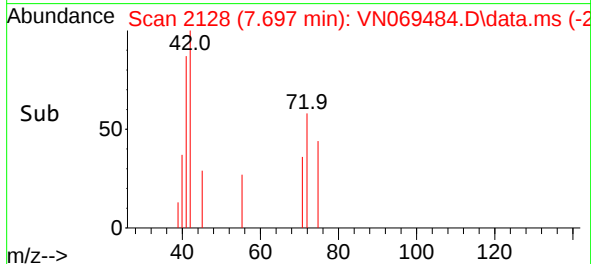
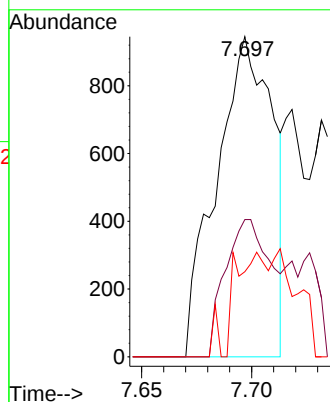
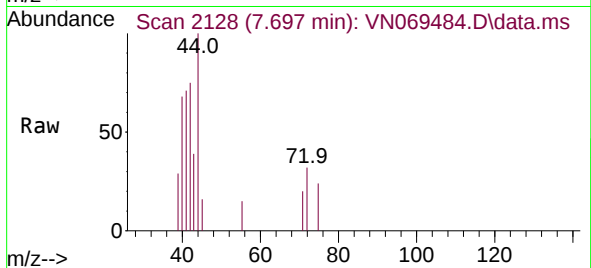
Tgt Ion: 42 Resp: 1669

Ion Ratio Lower Upper

42 100

72 34.9 36.3 54.5#

71 18.5 34.7 52.1#



#31

Cyclohexane

Concen: 1.329 ug/l

RT: 8.086 min Scan# 2273

Delta R.T. -0.008 min

Lab File: VN069484.D

Acq: 15 Nov 2021 11:08

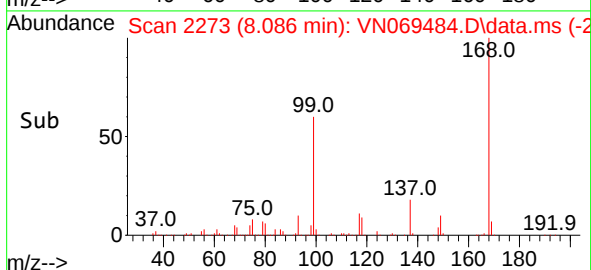
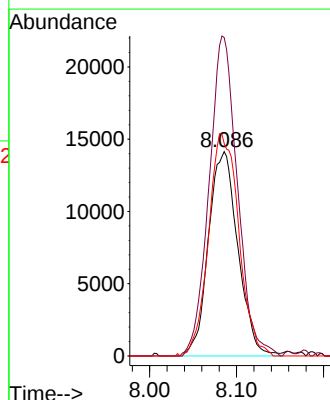
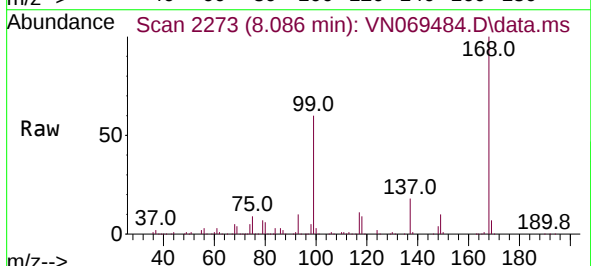
Tgt Ion: 56 Resp: 33325

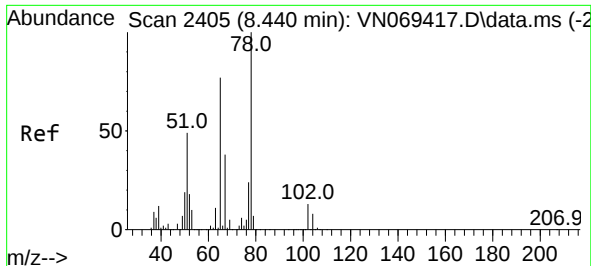
Ion Ratio Lower Upper

56 100

69 155.8 27.1 40.7#

84 104.0 73.4 110.0





#33

1,2-Dichloroethane-d4

Concen: 49.864 ug/l

RT: 8.437 min Scan# 2405

Delta R.T. -0.003 min

Lab File: VN069484.D

Acq: 15 Nov 2021 11:08

Instrument :

MSVOA\_N

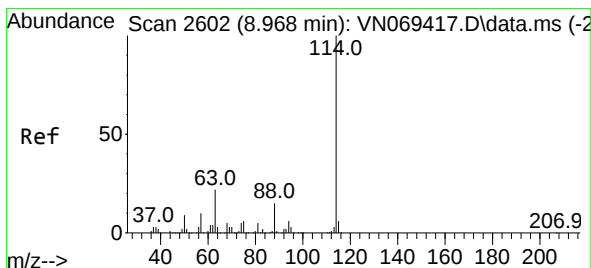
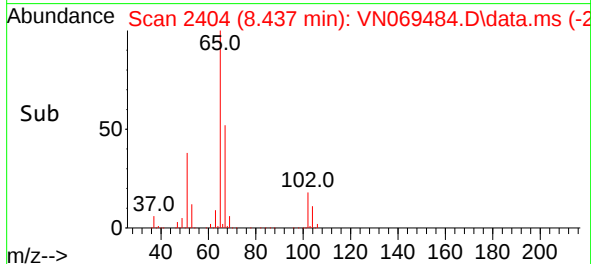
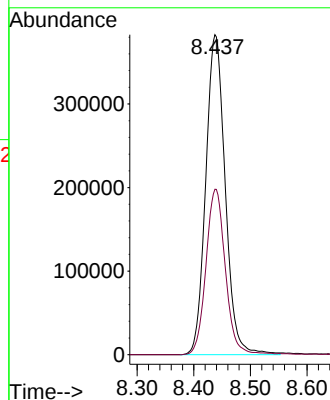
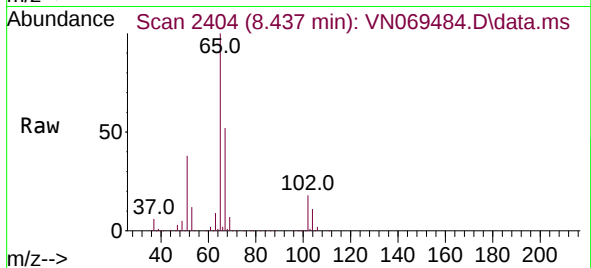
ClientSampleId :

Tgt Ion: 65 Resp: 915480

Ion Ratio Lower Upper

65 100

67 51.4 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.968 min Scan# 2602

Delta R.T. 0.000 min

Lab File: VN069484.D

Acq: 15 Nov 2021 11:08

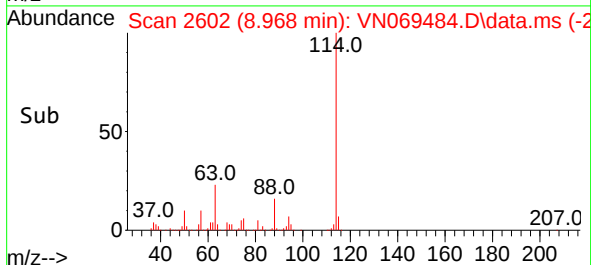
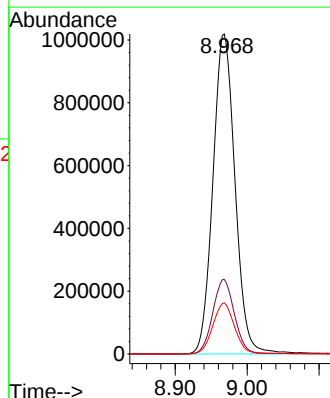
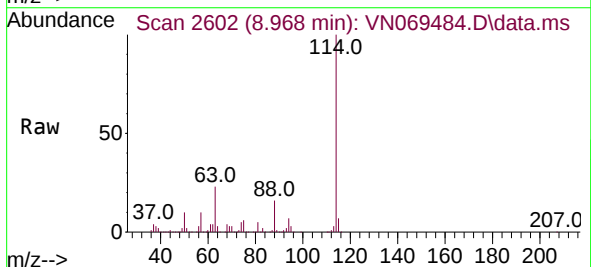
Tgt Ion: 114 Resp: 2166943

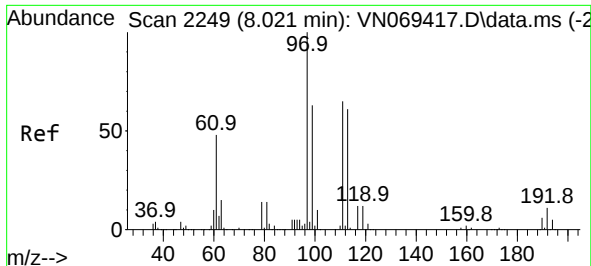
Ion Ratio Lower Upper

114 100

63 23.3 0.0 37.8

88 16.0 0.0 27.4

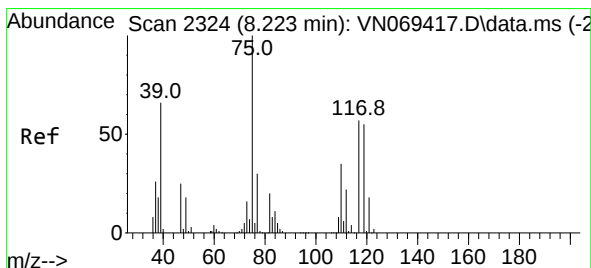
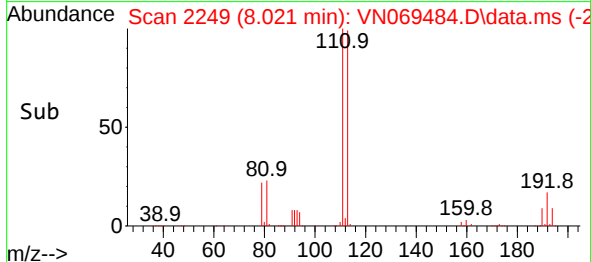
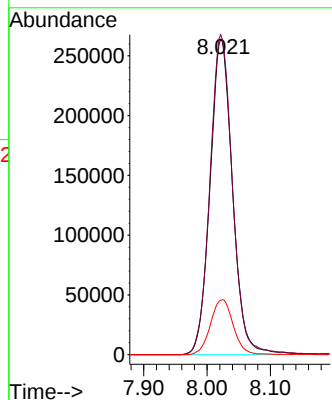
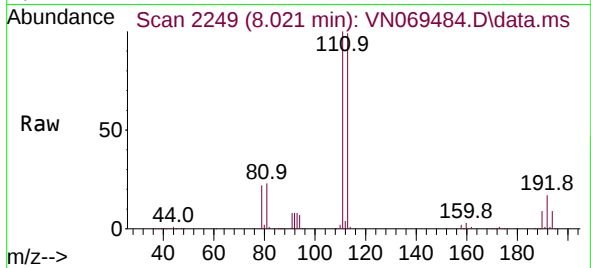




#35  
Dibromofluoromethane  
Concen: 49.904 ug/l  
RT: 8.021 min Scan# 2249  
Delta R.T. 0.000 min  
Lab File: VN069484.D  
Acq: 15 Nov 2021 11:08

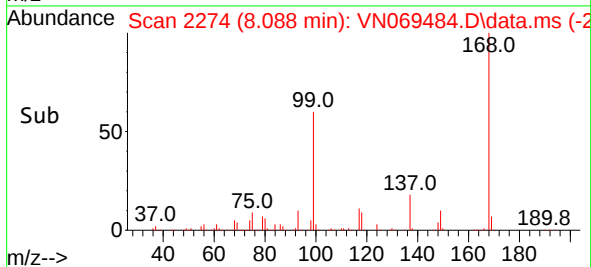
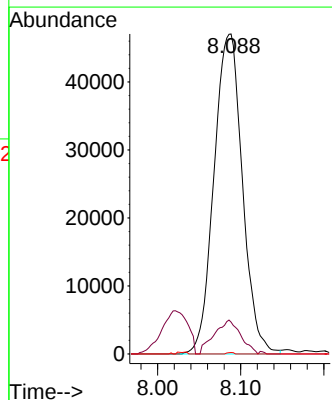
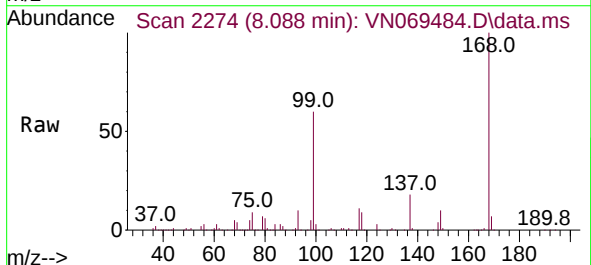
Instrument :  
MSVOA\_N  
ClientSampleId :

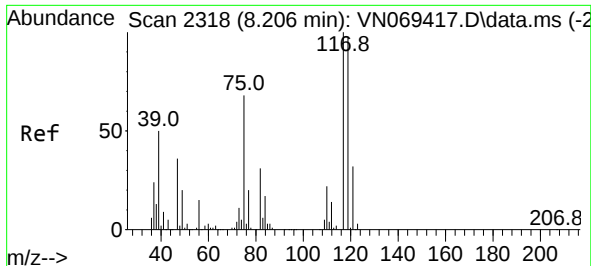
Tgt Ion:113 Resp: 648568  
Ion Ratio Lower Upper  
113 100  
111 102.2 82.2 123.2  
192 17.7 16.9 25.3



#36  
1,1-Dichloropropene  
Concen: 6.131 ug/l  
RT: 8.088 min Scan# 2274  
Delta R.T. -0.135 min  
Lab File: VN069484.D  
Acq: 15 Nov 2021 11:08

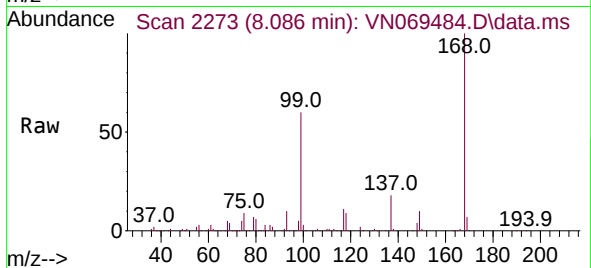
Tgt Ion: 75 Resp: 111790  
Ion Ratio Lower Upper  
75 100  
110 9.8 18.4 55.2#  
77 0.1 24.4 36.6#



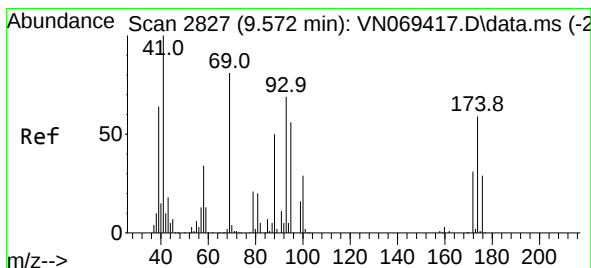
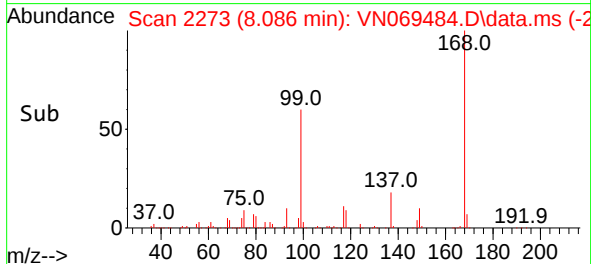
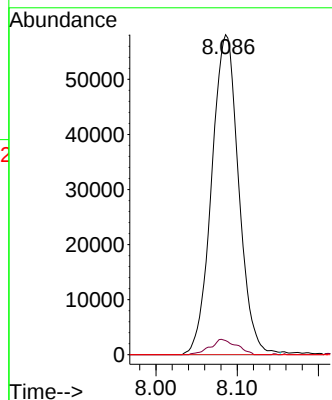


#38  
Carbon Tetrachloride  
Concen: 7.622 ug/l  
RT: 8.086 min Scan# 21  
Delta R.T. -0.120 min  
Lab File: VN069484.D  
Acq: 15 Nov 2021 11:08

Instrument :  
MSVOA\_N  
ClientSampleId :

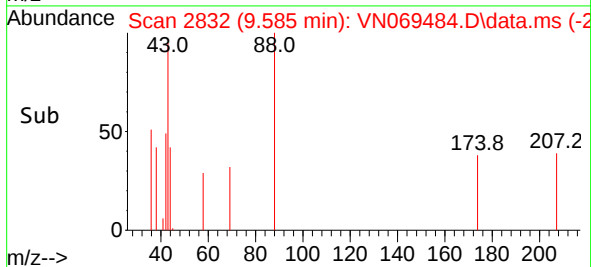
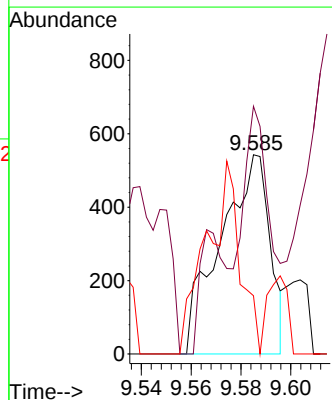
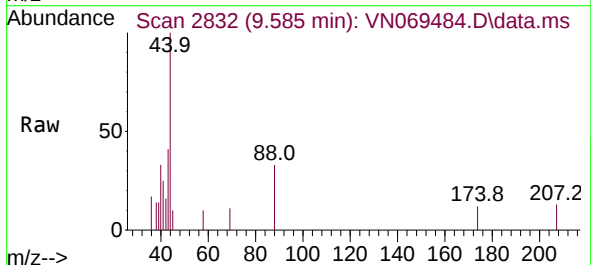


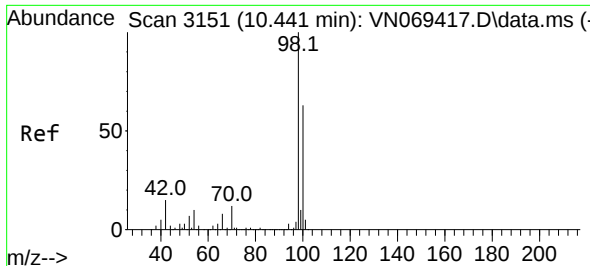
Tgt Ion:117 Resp: 134166  
Ion Ratio Lower Upper  
117 100  
119 4.4 76.1 114.1#  
121 0.0 24.2 36.2#



#49  
1,4-Dioxane  
Concen: 41.006 ug/l  
RT: 9.585 min Scan# 2832  
Delta R.T. 0.013 min  
Lab File: VN069484.D  
Acq: 15 Nov 2021 11:08

Tgt Ion: 88 Resp: 748  
Ion Ratio Lower Upper  
88 100  
43 49.5 23.4 35.2#  
58 15.9 50.6 75.8#

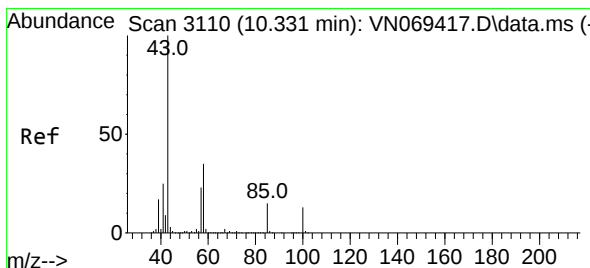
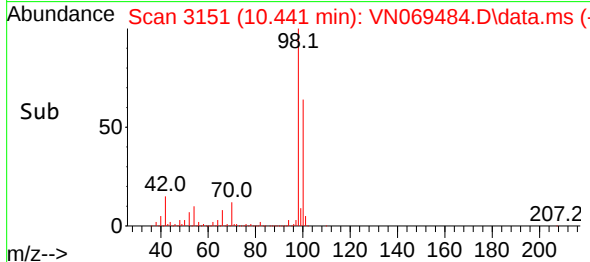
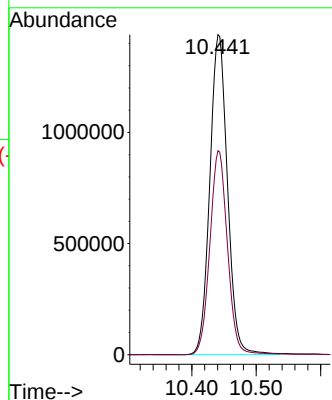
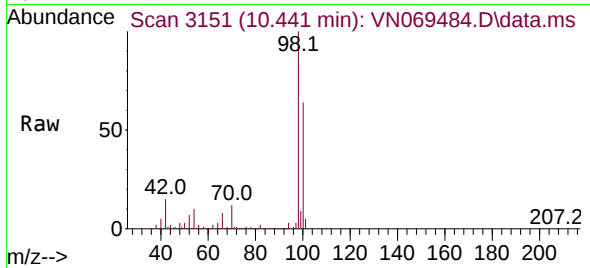




#50  
Toluene-d8  
Concen: 53.591 ug/l  
RT: 10.441 min Scan# 3151  
Delta R.T. -0.000 min  
Lab File: VN069484.D  
Acq: 15 Nov 2021 11:08

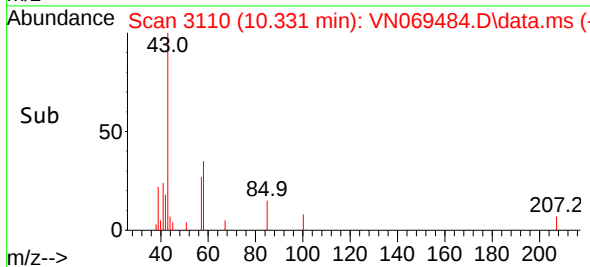
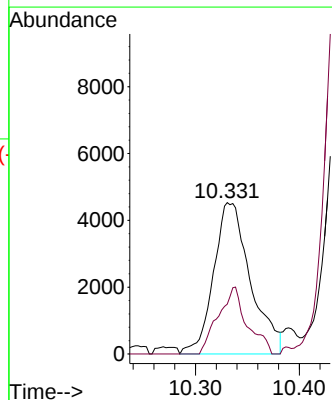
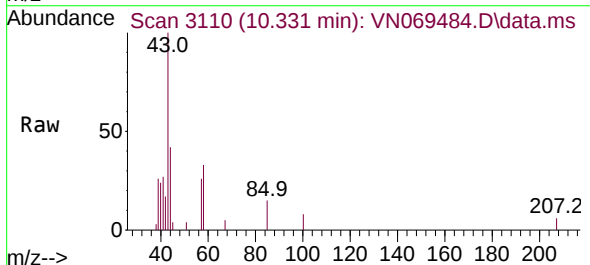
Instrument :  
MSVOA\_N  
ClientSampleId :

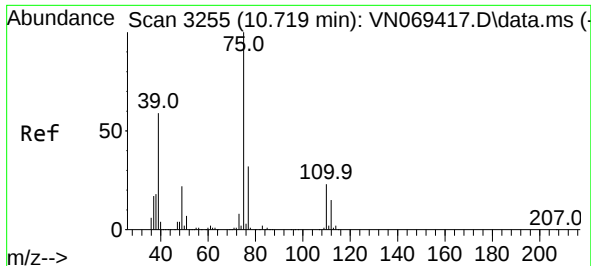
Tgt Ion: 98 Resp: 2739277  
Ion Ratio Lower Upper  
98 100  
100 63.5 50.4 75.6



#51  
4-Methyl-2-Pentanone  
Concen: 0.438 ug/l  
RT: 10.331 min Scan# 3110  
Delta R.T. -0.000 min  
Lab File: VN069484.D  
Acq: 15 Nov 2021 11:08

Tgt Ion: 43 Resp: 11193  
Ion Ratio Lower Upper  
43 100  
58 34.5 30.4 45.6

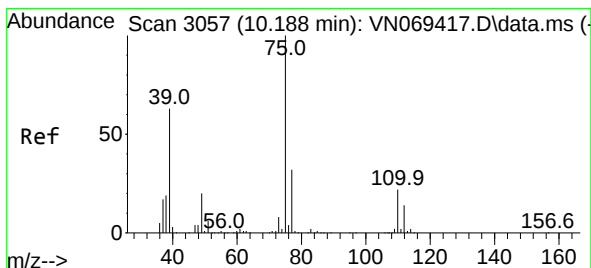
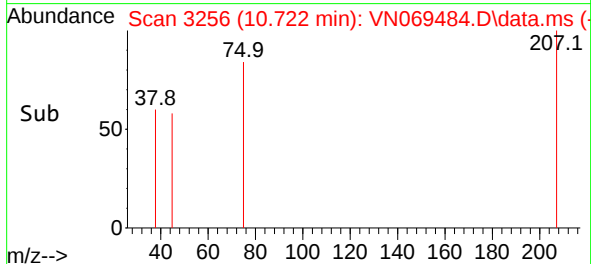
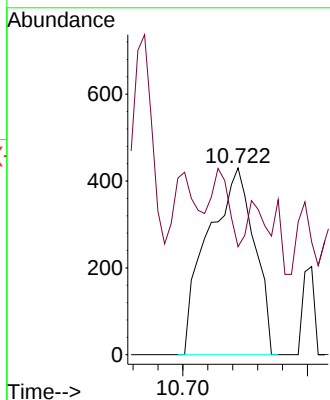
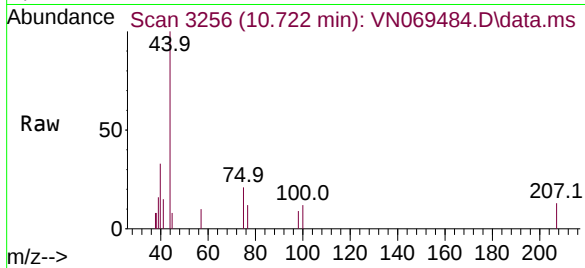




#53  
t-1,3-Dichloropropene  
Concen: 2.660 ug/l  
RT: 10.722 min Scan# 31  
Delta R.T. 0.003 min  
Lab File: VN069484.D  
Acq: 15 Nov 2021 11:08

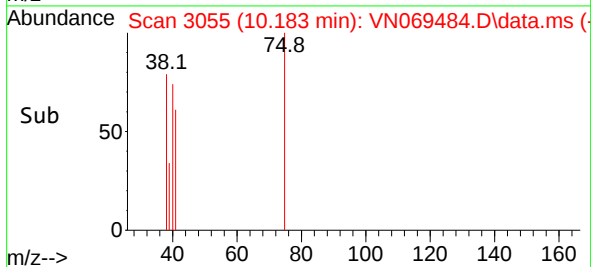
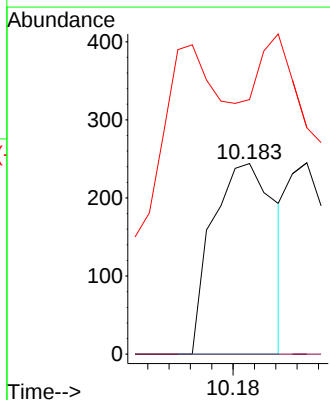
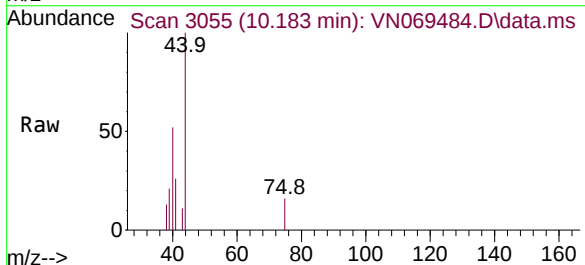
Instrument :  
MSVOA\_N  
ClientSampleId :

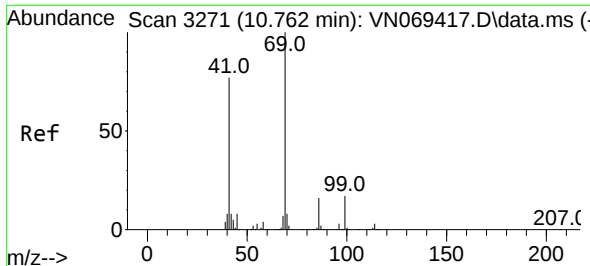
Tgt Ion: 75 Resp: 557  
Ion Ratio Lower Upper  
75 100  
77 0.0 25.6 38.4#



#54  
cis-1,3-Dichloropropene  
Concen: 1.741 ug/l  
RT: 10.183 min Scan# 3055  
Delta R.T. -0.005 min  
Lab File: VN069484.D  
Acq: 15 Nov 2021 11:08

Tgt Ion: 75 Resp: 198  
Ion Ratio Lower Upper  
75 100  
77 0.0 26.4 39.6#  
39 0.0 42.5 63.7#

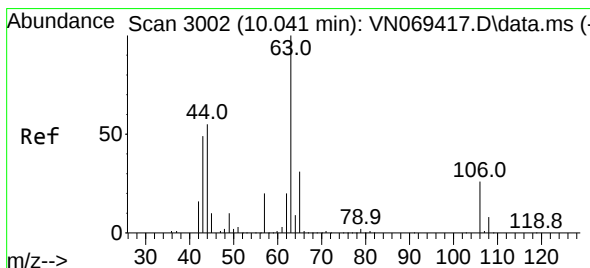
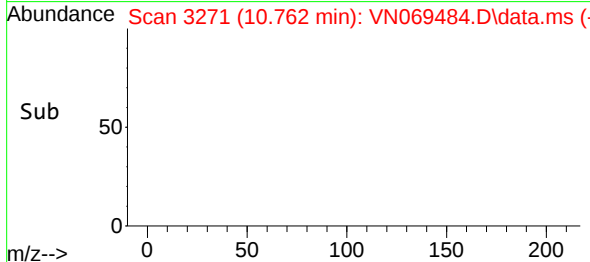
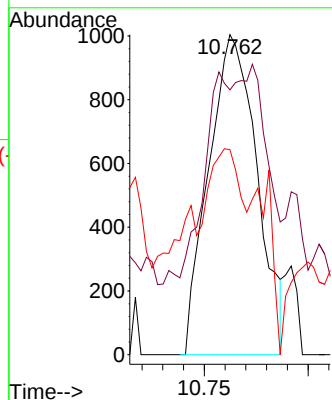
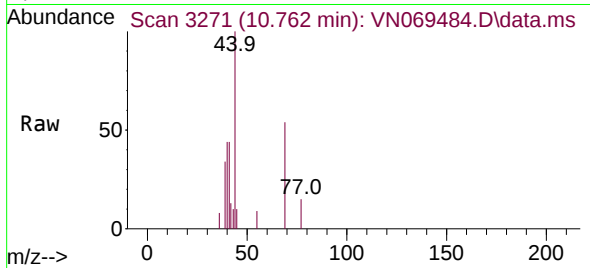




#56  
Ethyl methacrylate  
Concen: 2.111 ug/l  
RT: 10.762 min Scan# 31  
Delta R.T. 0.000 min  
Lab File: VN069484.D  
Acq: 15 Nov 2021 11:08

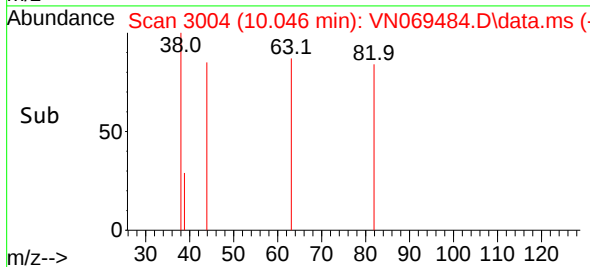
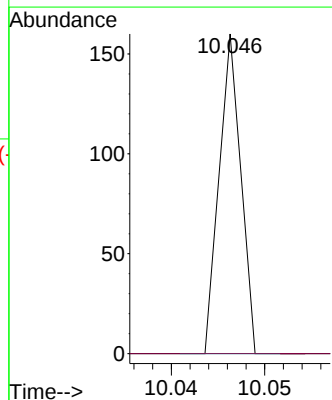
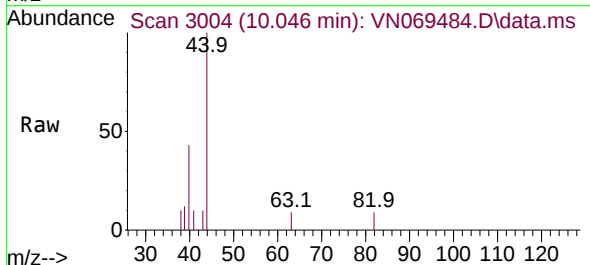
Instrument :  
MSVOA\_N  
ClientSampleId :

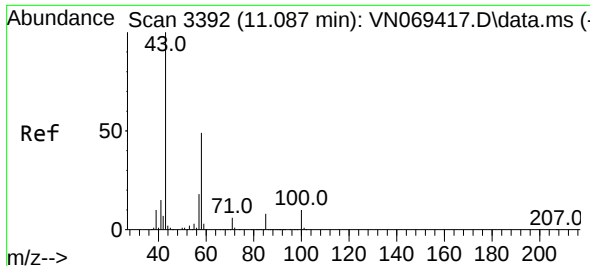
Tgt Ion: 69 Resp: 1625  
Ion Ratio Lower Upper  
69 100  
41 34.0 51.4 77.0#  
39 15.7 34.6 52.0#



#58  
2-Chloroethyl Vinyl ether  
Concen: 22.774 ug/l  
RT: 10.046 min Scan# 3004  
Delta R.T. 0.005 min  
Lab File: VN069484.D  
Acq: 15 Nov 2021 11:08

Tgt Ion: 63 Resp: 26  
Ion Ratio Lower Upper  
63 100  
106 0.0 23.9 35.9#

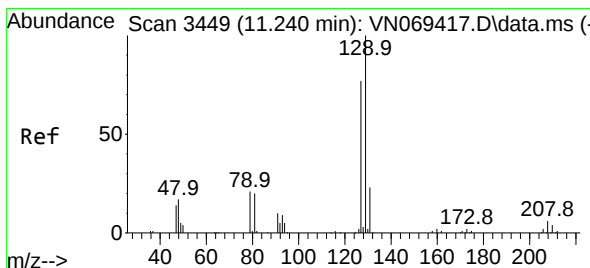
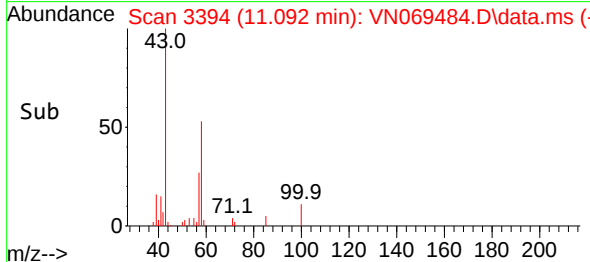
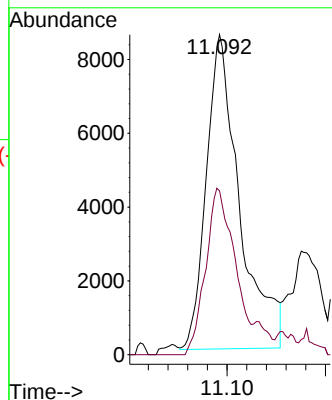
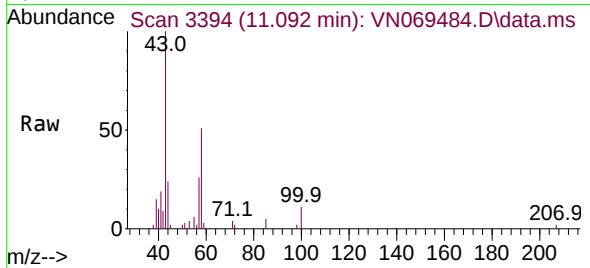




#59  
2-Hexanone  
Concen: 8.839 ug/l  
RT: 11.092 min Scan# 3394  
Delta R.T. 0.005 min  
Lab File: VN069484.D  
Acq: 15 Nov 2021 11:08

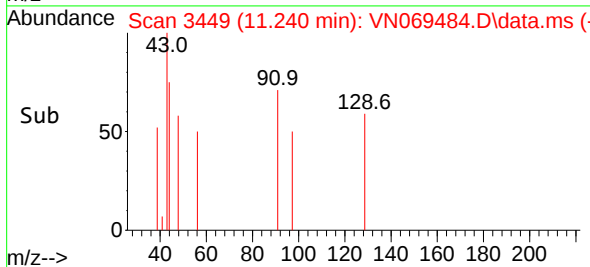
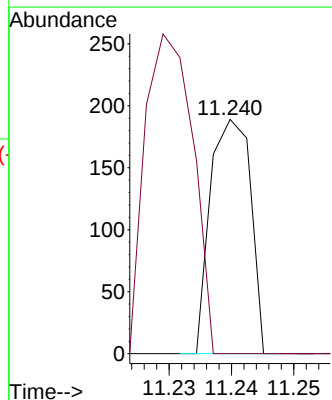
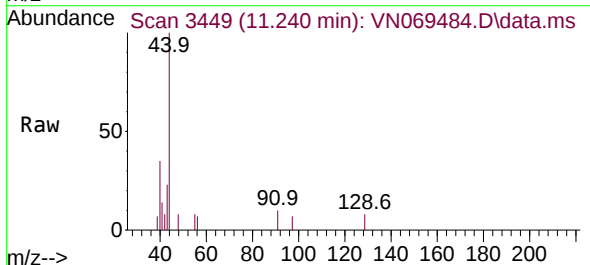
Instrument :  
MSVOA\_N  
ClientSampleId :

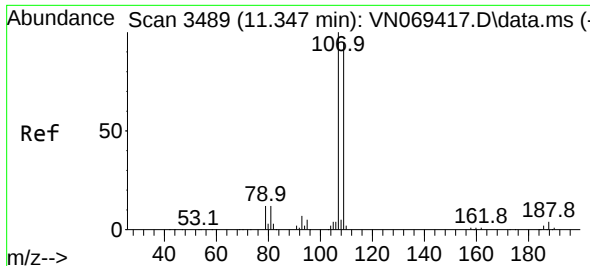
Tgt Ion: 43 Resp: 19996  
Ion Ratio Lower Upper  
43 100  
58 46.0 26.9 80.7



#60  
Dibromochloromethane  
Concen: 2.423 ug/l  
RT: 11.240 min Scan# 3449  
Delta R.T. -0.000 min  
Lab File: VN069484.D  
Acq: 15 Nov 2021 11:08

Tgt Ion: 129 Resp: 84  
Ion Ratio Lower Upper  
129 100  
127 163.1 38.6 116.0#

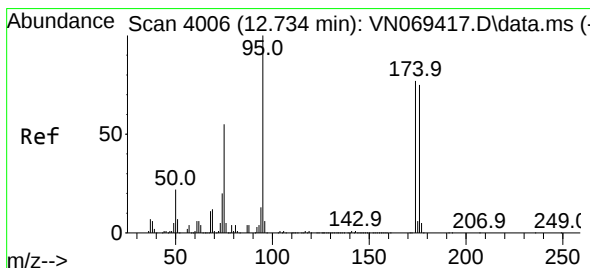
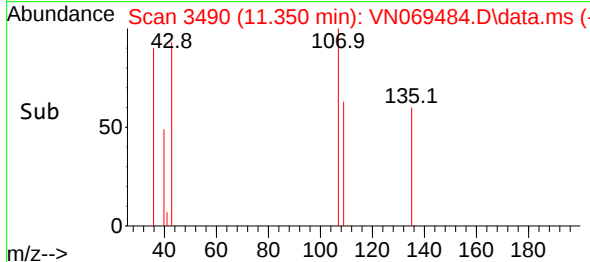
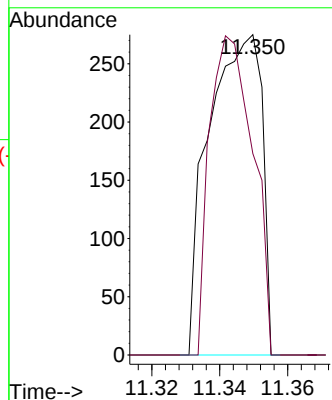
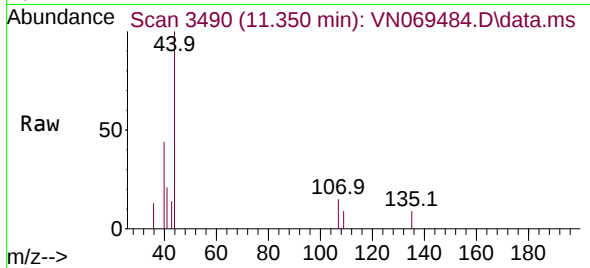




#61  
1,2-Dibromoethane  
Concen: 1.090 ug/l  
RT: 11.350 min Scan# 3489  
Delta R.T. 0.003 min  
Lab File: VN069484.D  
Acq: 15 Nov 2021 11:08

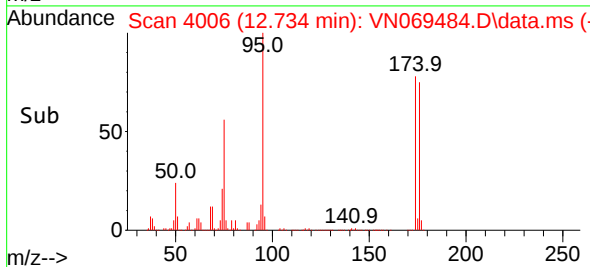
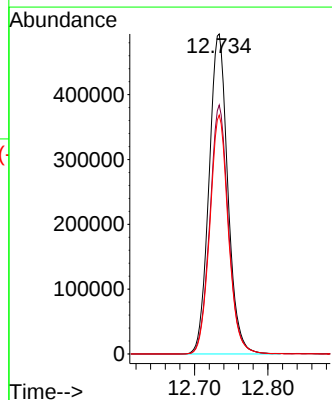
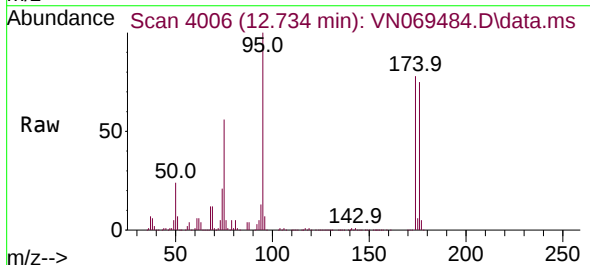
Instrument :  
MSVOA\_N  
ClientSampleId :

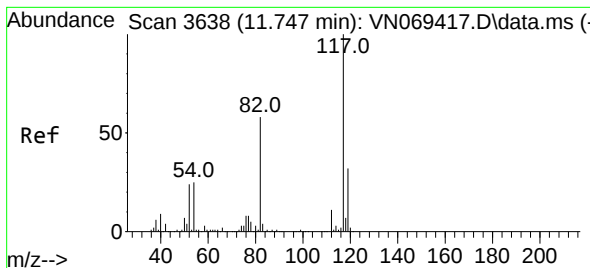
Tgt Ion:107 Resp: 297  
Ion Ratio Lower Upper  
107 100  
109 81.5 75.7 113.5



#62  
4-Bromofluorobenzene  
Concen: 46.818 ug/l  
RT: 12.734 min Scan# 4006  
Delta R.T. -0.000 min  
Lab File: VN069484.D  
Acq: 15 Nov 2021 11:08

Tgt Ion: 95 Resp: 879123  
Ion Ratio Lower Upper  
95 100  
174 77.2 0.0 187.2  
176 73.8 0.0 181.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.744 min Scan# 30

Delta R.T. -0.003 min

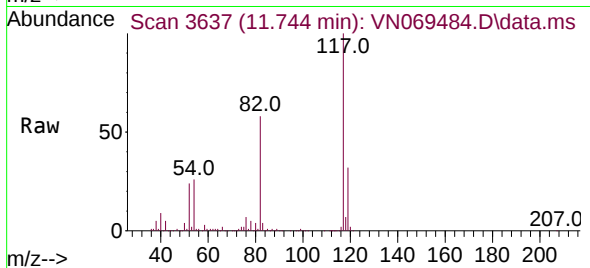
Lab File: VN069484.D

Acq: 15 Nov 2021 11:08

Instrument :

MSVOA\_N

ClientSampleId :



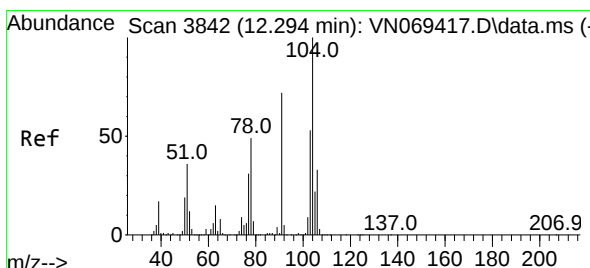
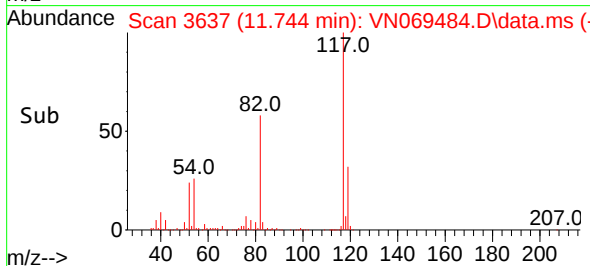
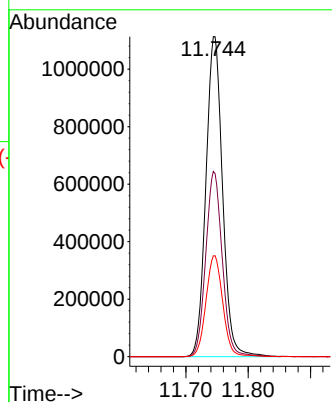
Tgt Ion:117 Resp: 2065500

Ion Ratio Lower Upper

117 100

82 57.9 42.4 63.6

119 31.5 25.4 38.2



#70

Styrene

Concen: 1.580 ug/l

RT: 12.299 min Scan# 3844

Delta R.T. 0.005 min

Lab File: VN069484.D

Acq: 15 Nov 2021 11:08

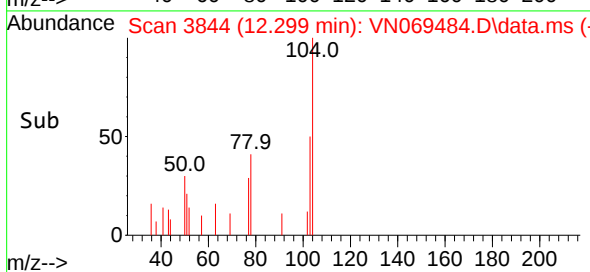
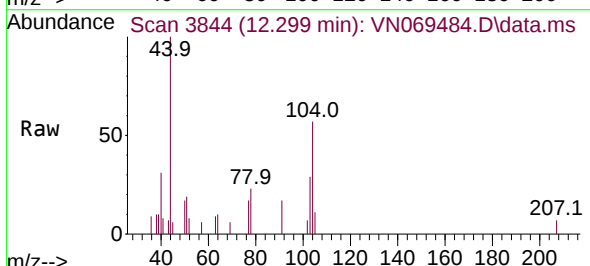
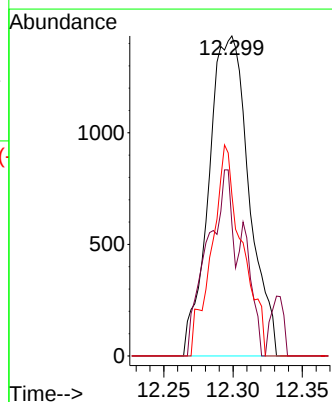
Tgt Ion:104 Resp: 2897

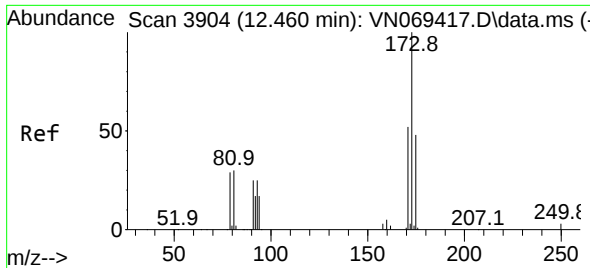
Ion Ratio Lower Upper

104 100

78 37.0 38.7 58.1#

103 49.7 45.0 67.6

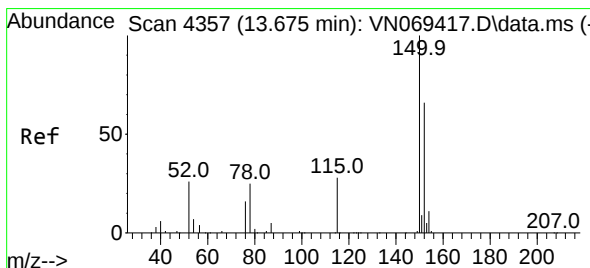
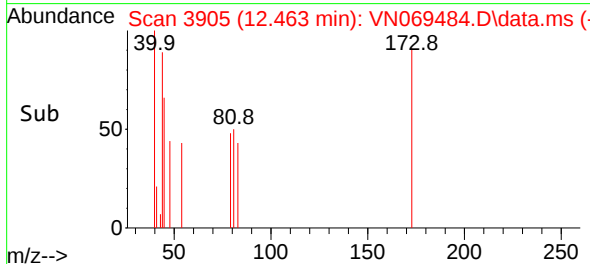
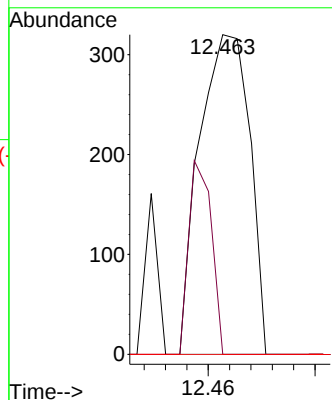
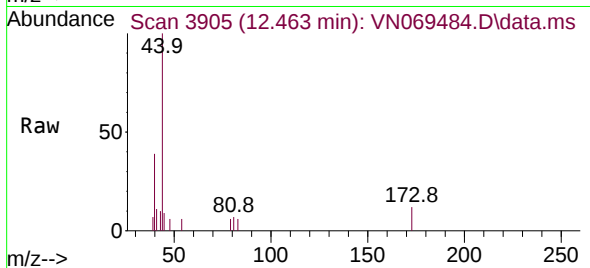




#71  
Bromoform  
Concen: 3.445 ug/l  
RT: 12.463 min Scan# 3905  
Delta R.T. 0.003 min  
Lab File: VN069484.D  
Acq: 15 Nov 2021 11:08

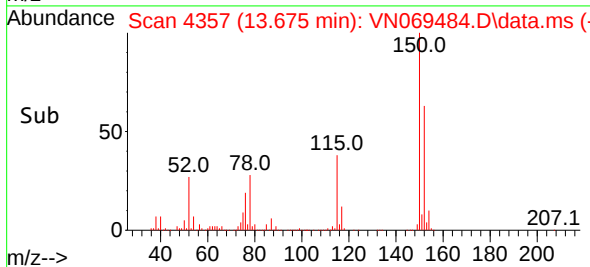
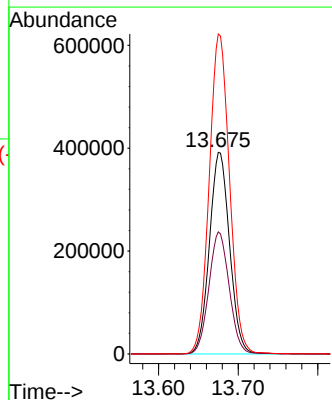
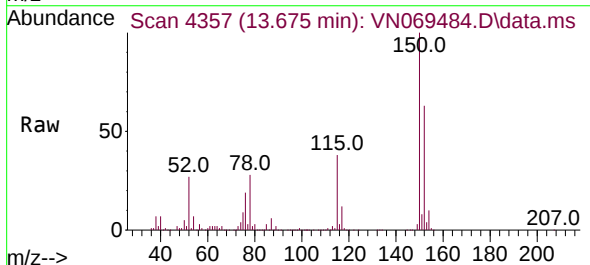
Instrument :  
MSVOA\_N  
ClientSampleId :

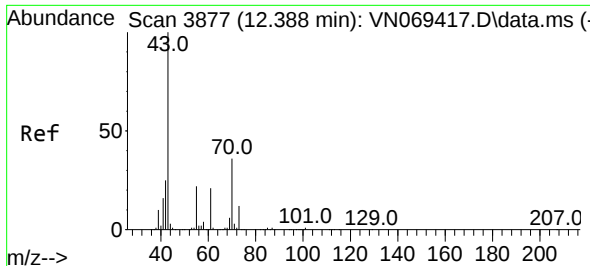
Tgt Ion:173 Resp: 209  
Ion Ratio Lower Upper  
173 100  
175 0.0 24.2 72.6#  
254 0.0 0.0 0.0



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.675 min Scan# 4357  
Delta R.T. -0.000 min  
Lab File: VN069484.D  
Acq: 15 Nov 2021 11:08

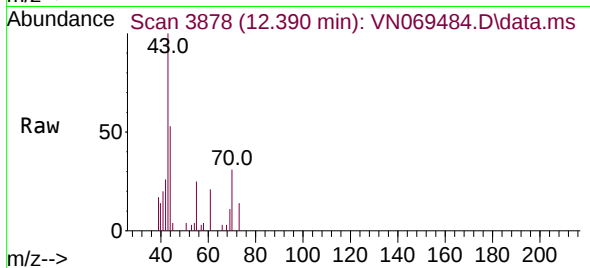
Tgt Ion:152 Resp: 690347  
Ion Ratio Lower Upper  
152 100  
115 61.0 27.5 82.5  
150 159.2 0.0 344.4



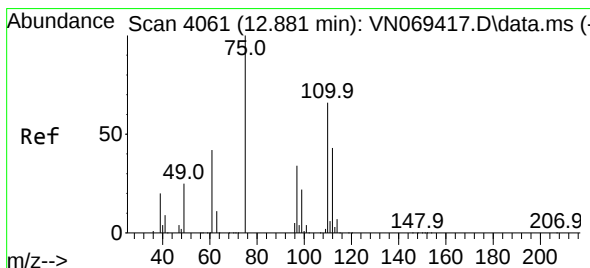
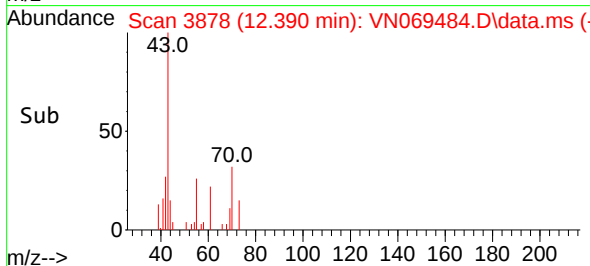
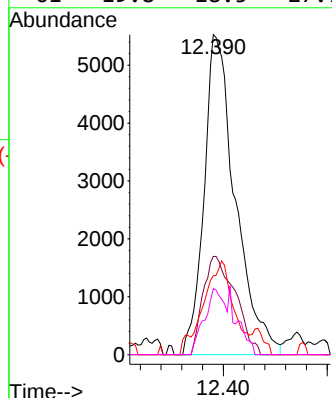


#74  
N-amy1 acetate  
Concen: 0.495 ug/l  
RT: 12.390 min Scan# 3877  
Delta R.T. 0.002 min  
Lab File: VN069484.D  
Acq: 15 Nov 2021 11:08

Instrument :  
MSVOA\_N  
ClientSampleId :

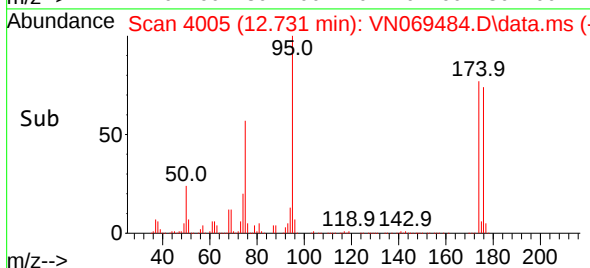
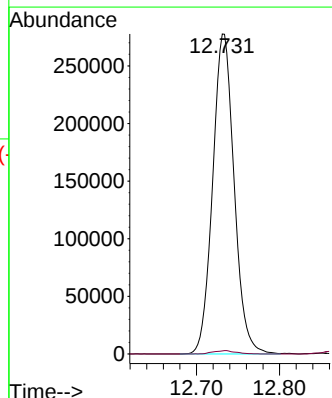
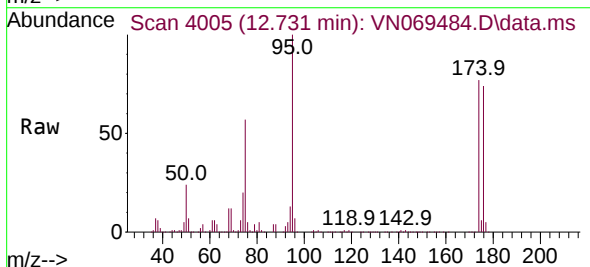


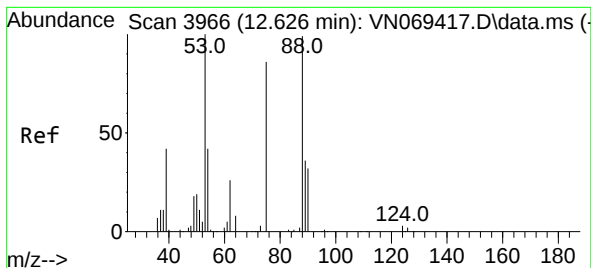
|             |                 |
|-------------|-----------------|
| Tgt Ion: 43 | Resp: 11542     |
| Ion Ratio   | Lower Upper     |
| 43          | 100             |
| 70          | 31.7 33.4 50.0# |
| 55          | 28.3 19.3 28.9  |
| 61          | 19.8 18.5 27.7  |



#76  
1,2,3-Trichloropropane  
Concen: 31.337 ug/l  
RT: 12.731 min Scan# 4005  
Delta R.T. -0.150 min  
Lab File: VN069484.D  
Acq: 15 Nov 2021 11:08

|             |                 |
|-------------|-----------------|
| Tgt Ion: 75 | Resp: 499253    |
| Ion Ratio   | Lower Upper     |
| 75          | 100             |
| 77          | 1.1 82.6 247.8# |

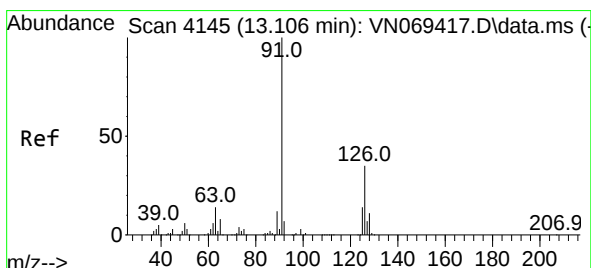
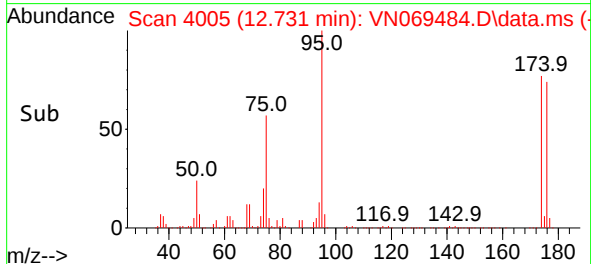
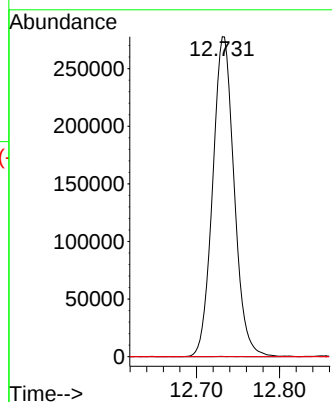
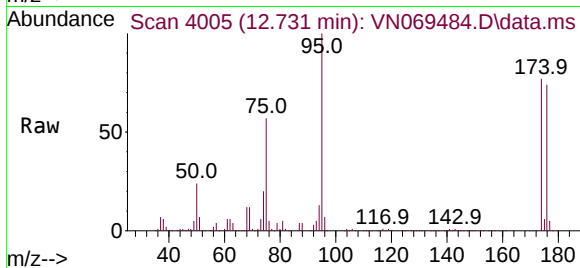




#81  
trans-1,4-Dichloro-2-butene  
Concen: 88.271 ug/l  
RT: 12.731 min Scan# 4005  
Delta R.T. 0.105 min  
Lab File: VN069484.D  
Acq: 15 Nov 2021 11:08

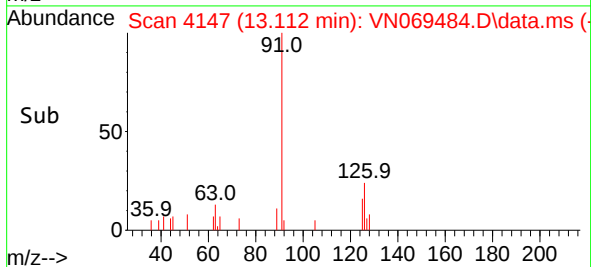
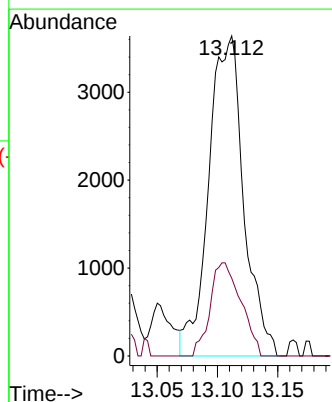
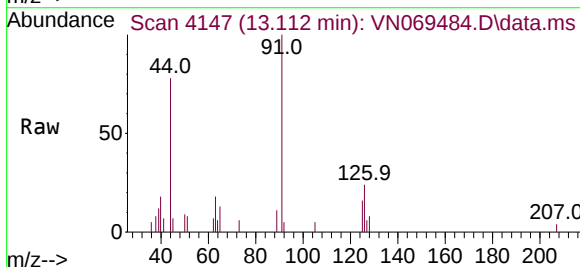
Instrument :  
MSVOA\_N  
ClientSampleId :

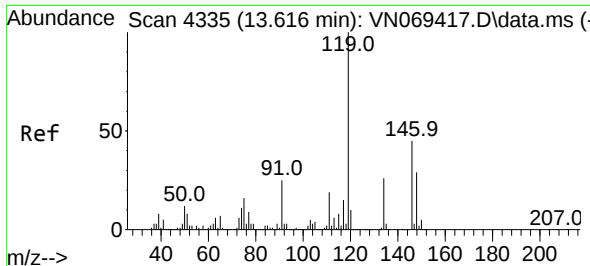
Tgt Ion: 75 Resp: 499253  
Ion Ratio Lower Upper  
75 100  
53 0.0 90.5 135.7#  
89 0.0 38.2 57.4#



#82  
4-Chlorotoluene  
Concen: 0.201 ug/l  
RT: 13.112 min Scan# 4147  
Delta R.T. 0.006 min  
Lab File: VN069484.D  
Acq: 15 Nov 2021 11:08

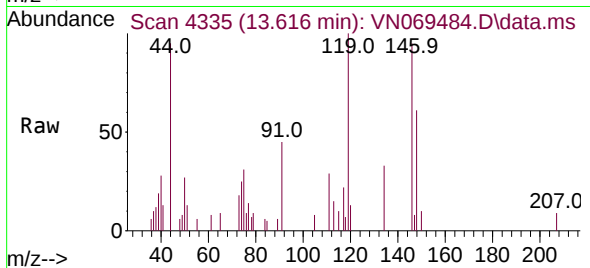
Tgt Ion: 91 Resp: 7327  
Ion Ratio Lower Upper  
91 100  
126 25.7 18.2 54.6



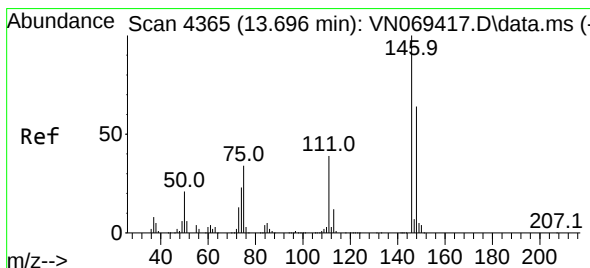
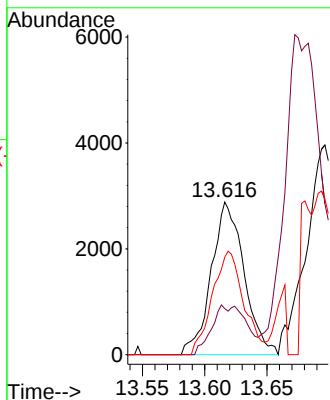
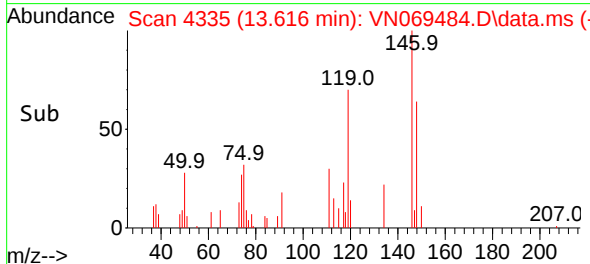


#87  
1,3-Dichlorobenzene  
Concen: 0.242 ug/l  
RT: 13.616 min Scan# 4335  
Delta R.T. -0.000 min  
Lab File: VN069484.D  
Acq: 15 Nov 2021 11:08

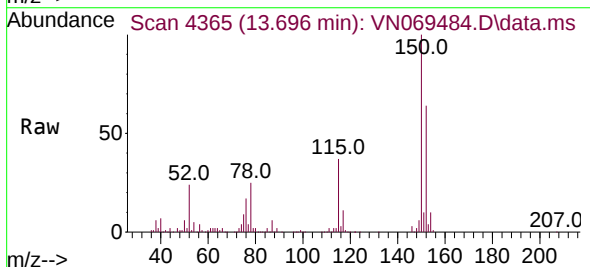
Instrument :  
MSVOA\_N  
ClientSampleId :



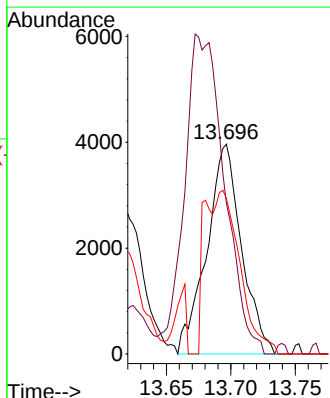
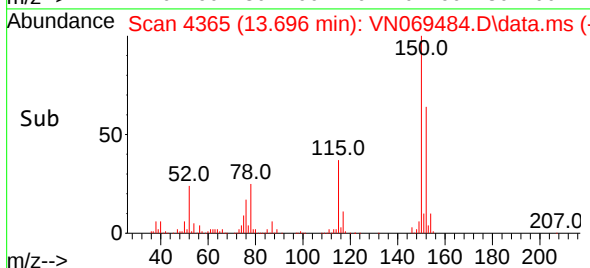
Tgt Ion:146 Resp: 5270  
Ion Ratio Lower Upper  
146 100  
111 16.9 18.6 55.6#  
148 65.0 31.6 95.0

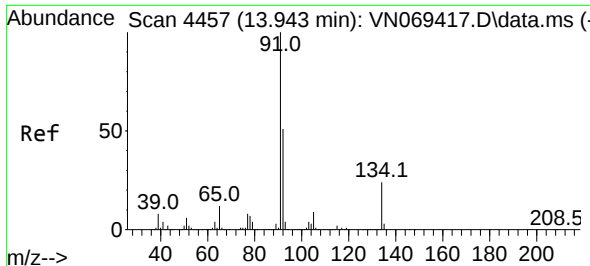


#88  
1,4-Dichlorobenzene  
Concen: 0.348 ug/l  
RT: 13.696 min Scan# 4365  
Delta R.T. 0.000 min  
Lab File: VN069484.D  
Acq: 15 Nov 2021 11:08



Tgt Ion:146 Resp: 7445  
Ion Ratio Lower Upper  
146 100  
111 0.0 18.3 54.8#  
148 0.0 31.8 95.4#

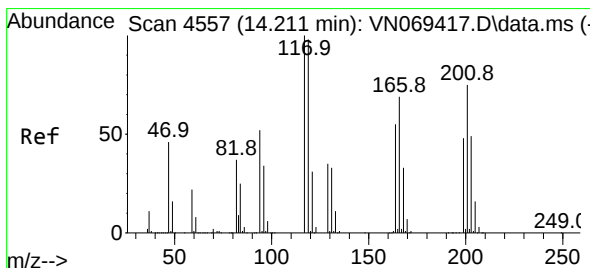
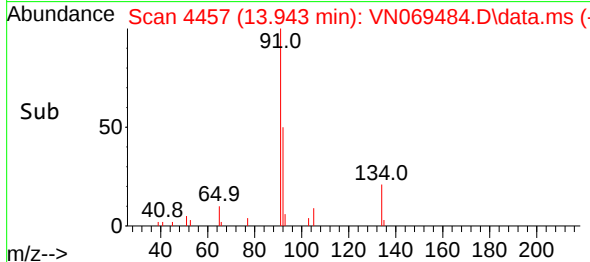
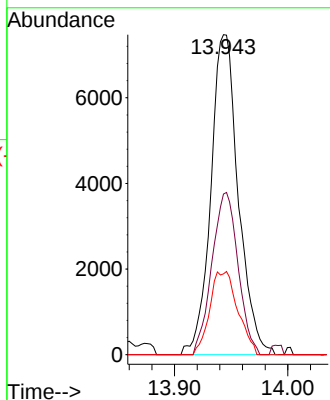
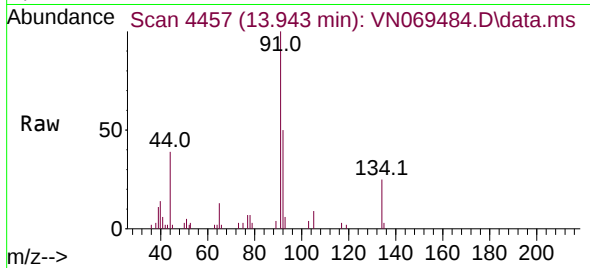




#89  
n-Butylbenzene  
Concen: 0.350 ug/l  
RT: 13.943 min Scan# 4457  
Delta R.T. 0.000 min  
Lab File: VN069484.D  
Acq: 15 Nov 2021 11:08

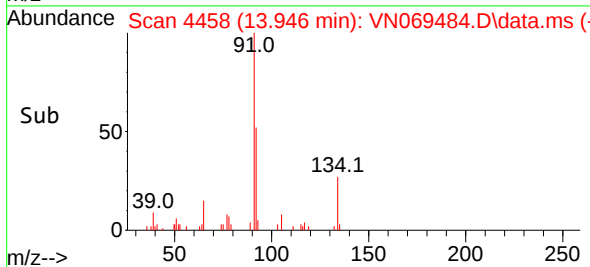
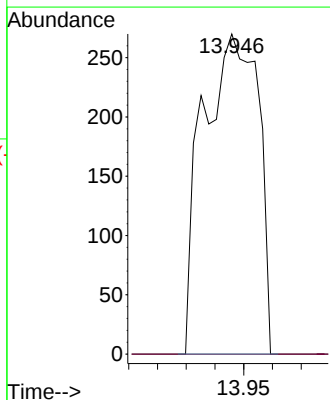
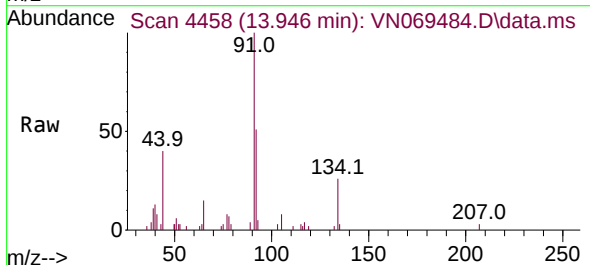
Instrument :  
MSVOA\_N  
ClientSampleId :

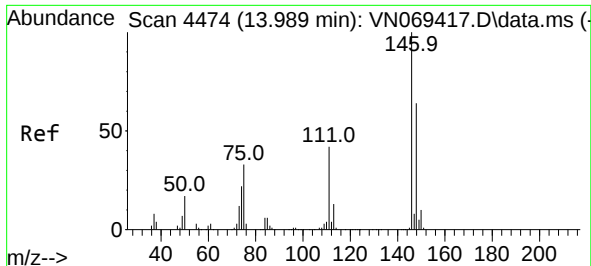
Tgt Ion: 91 Resp: 12610  
Ion Ratio Lower Upper  
91 100  
92 48.1 25.4 76.0  
134 26.4 13.6 40.8



#90  
Hexachloroethane  
Concen: 2.205 ug/l  
RT: 13.946 min Scan# 4458  
Delta R.T. -0.265 min  
Lab File: VN069484.D  
Acq: 15 Nov 2021 11:08

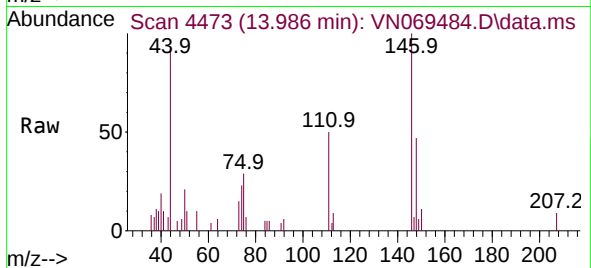
Tgt Ion: 117 Resp: 360  
Ion Ratio Lower Upper  
117 100  
201 0.0 43.9 131.6#



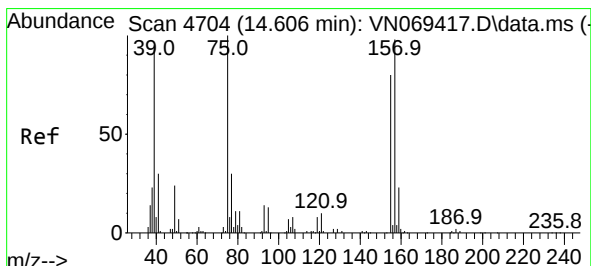
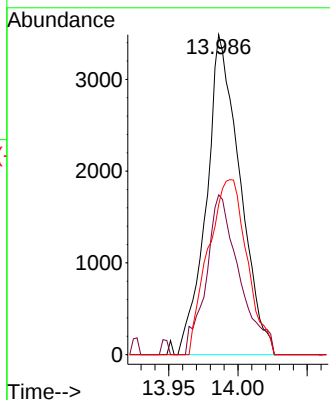
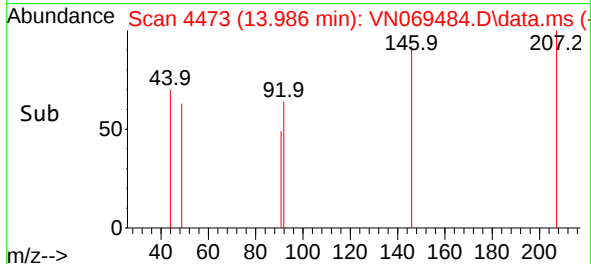


#91  
1,2-Dichlorobenzene  
Concen: 0.283 ug/l  
RT: 13.986 min Scan# 4473  
Delta R.T. -0.003 min  
Lab File: VN069484.D  
Acq: 15 Nov 2021 11:08

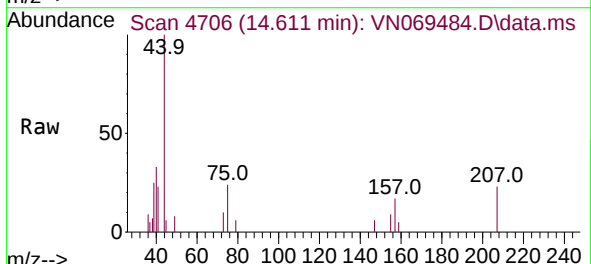
Instrument :  
MSVOA\_N  
ClientSampleId :



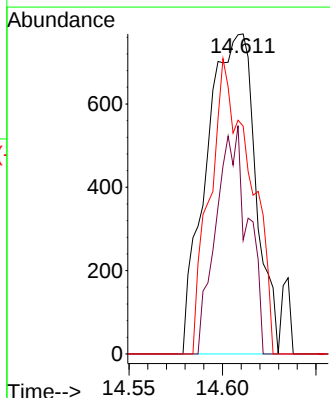
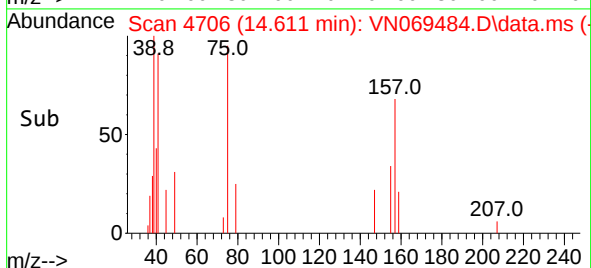
Tgt Ion:146 Resp: 5864  
Ion Ratio Lower Upper  
146 100  
111 49.4 19.1 57.3  
148 63.5 32.1 96.3

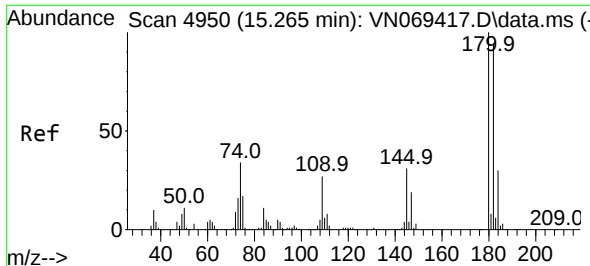


#92  
1,2-Dibromo-3-Chloropropane  
Concen: 2.190 ug/l  
RT: 14.611 min Scan# 4706  
Delta R.T. 0.005 min  
Lab File: VN069484.D  
Acq: 15 Nov 2021 11:08



Tgt Ion: 75 Resp: 1405  
Ion Ratio Lower Upper  
75 100  
155 46.3 46.9 140.7#  
157 75.6 60.6 181.7

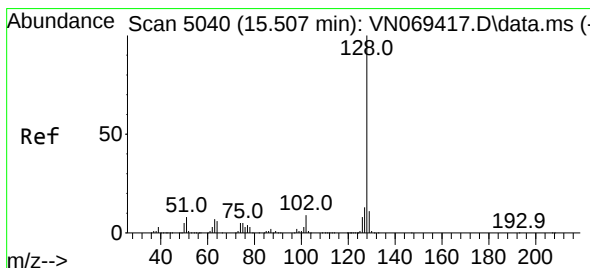
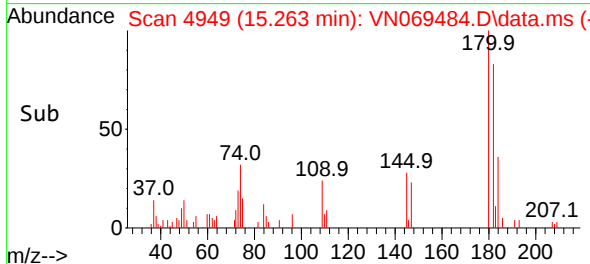
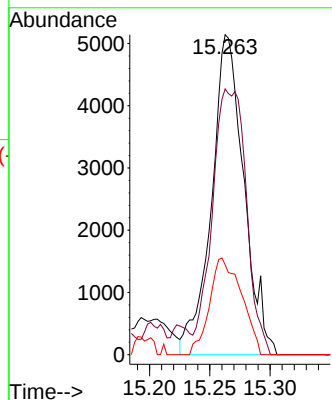
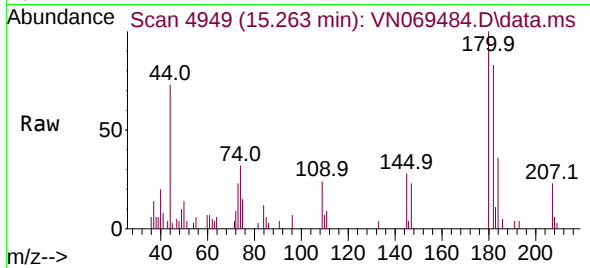




#93  
1,2,4-Trichlorobenzene  
Concen: 3.941 ug/l  
RT: 15.263 min Scan# 4950  
Delta R.T. -0.002 min  
Lab File: VN069484.D  
Acq: 15 Nov 2021 11:08

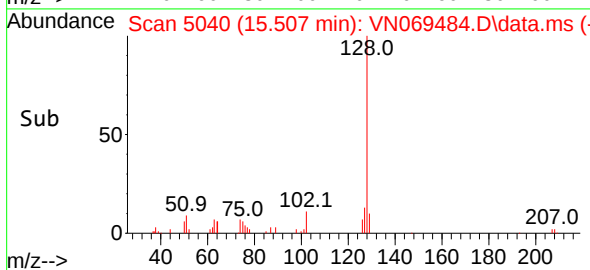
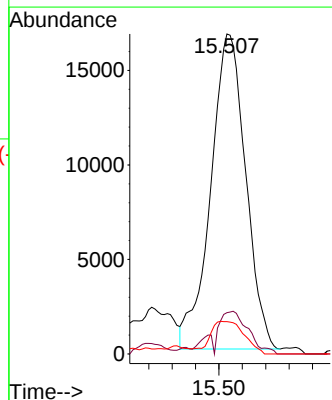
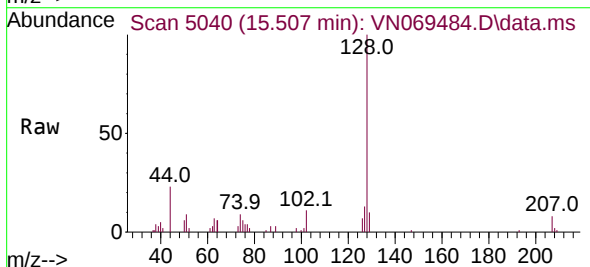
Instrument :  
MSVOA\_N  
ClientSampleId :

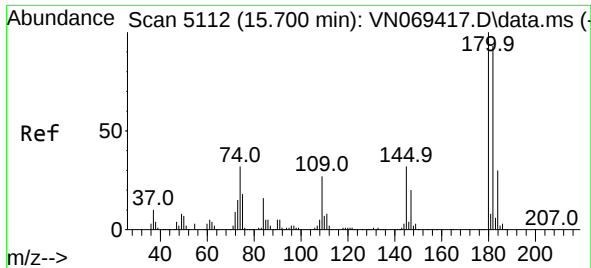
Tgt Ion:180 Resp: 9591  
Ion Ratio Lower Upper  
180 100  
182 87.0 48.3 144.9  
145 29.9 14.5 43.5



#95  
Naphthalene  
Concen: 5.481 ug/l  
RT: 15.507 min Scan# 5040  
Delta R.T. -0.000 min  
Lab File: VN069484.D  
Acq: 15 Nov 2021 11:08

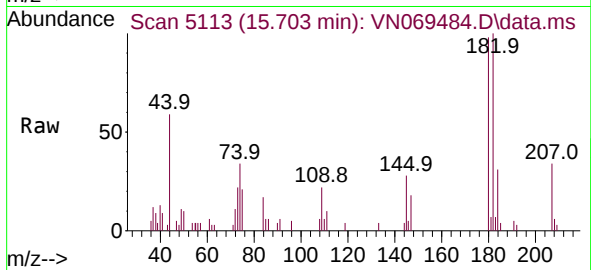
Tgt Ion:128 Resp: 34635  
Ion Ratio Lower Upper  
128 100  
127 11.0 10.5 15.7  
129 9.8 8.7 13.1





#96  
 1,2,3-Trichlorobenzene  
 Concen: 4.223 ug/l  
 RT: 15.703 min Scan# 51  
 Delta R.T. 0.003 min  
 Lab File: VN069484.D  
 Acq: 15 Nov 2021 11:08

Instrument :  
 MSVOA\_N  
 ClientSampleId :



|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 180   | Resp: | 11687 |
| Ion Ratio | Lower | Upper |       |
| 180       | 100   |       |       |
| 182       | 87.9  | 47.4  | 142.2 |
| 145       | 30.6  | 15.0  | 45.1  |

