

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080521\
 Data File : VN067010.D
 Acq On : 5 Aug 2021 11:57
 Operator : JC/MD
 Sample : VN0805MBL01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Aug 05 15:54:04 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N072921W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 29 15:02:35 2021
 Response via : Initial Calibration

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

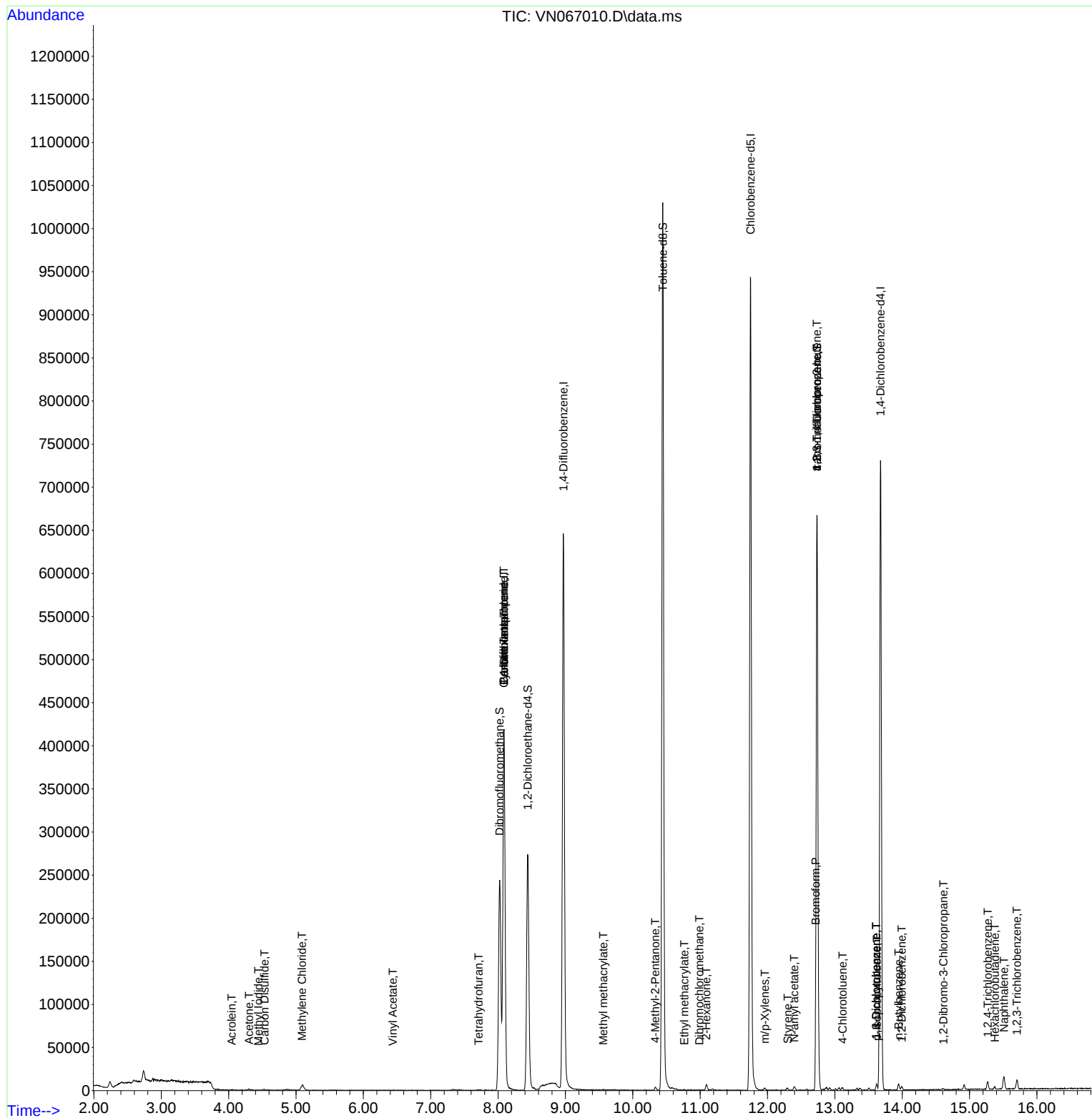
Internal Standards						
1) Pentafluorobenzene	8.088	168	301104	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.971	114	578508	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.749	117	558318	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	196956	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	233279	54.726	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery	= 109.460%		
35) Dibromofluoromethane	8.024	113	181834	53.933	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery	= 107.860%		
50) Toluene-d8	10.446	98	724354	46.820	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery	= 93.640%		
62) 4-Bromofluorobenzene	12.736	95	239546			

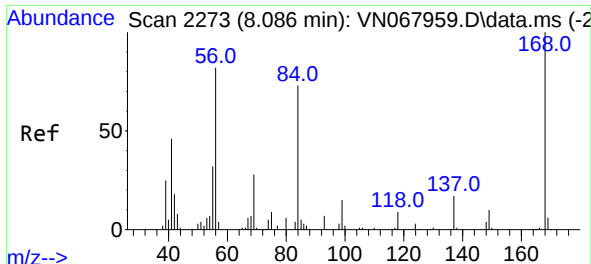
Instrument :
MSVOA_N
ClientSampleId :

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080521\
Data File : VN067010.D
Acq On : 5 Aug 2021 11:57
Operator : JC/MD
Sample : VN0805MBL01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampled :

Quant Time: Aug 05 15:54:04 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N072921W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 29 15:02:35 2021
Response via : Initial Calibration

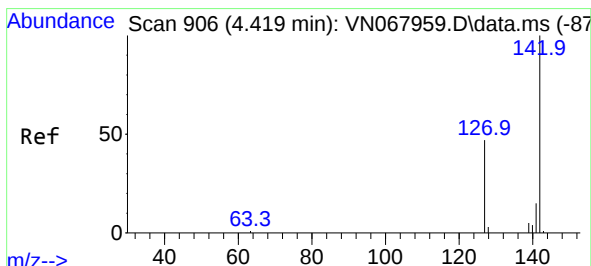
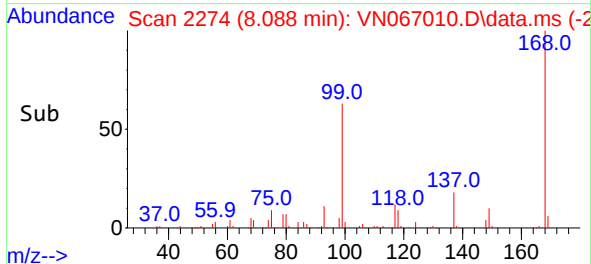
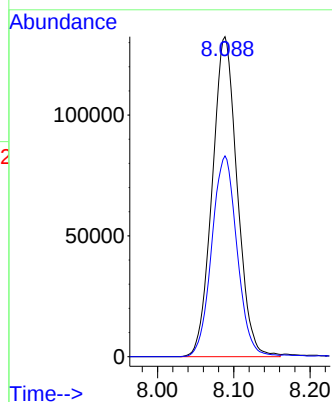
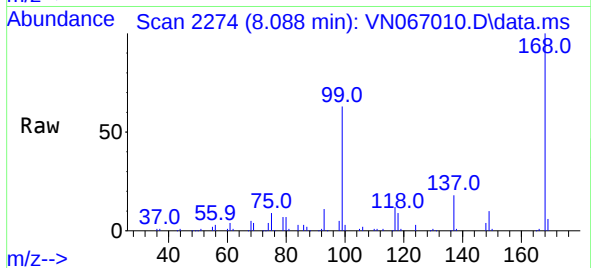




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.002 min
Lab File: VN067010.D
Acq: 5 Aug 2021 11:57

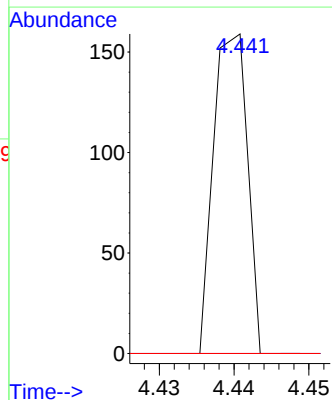
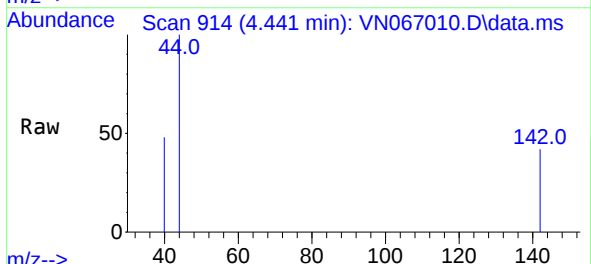
Instrument :
MSVOA_N
ClientSampled :

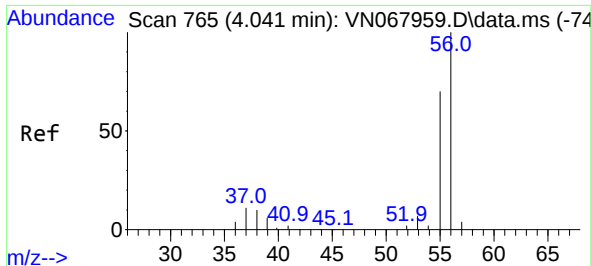
Tgt Ion:168 Resp: 301104
Ion Ratio Lower Upper
168 100
99 62.7 62.9 94.3#



#10
Methyl Iodide
Concen: 3.133 ug/l
RT: 4.441 min Scan# 914
Delta R.T. 0.022 min
Lab File: VN067010.D
Acq: 5 Aug 2021 11:57

Tgt Ion:142 Resp: 50
Ion Ratio Lower Upper
142 100
127 0.0 43.1 64.7#
141 0.0 11.4 17.0#

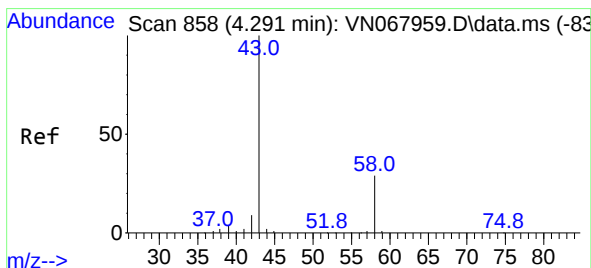
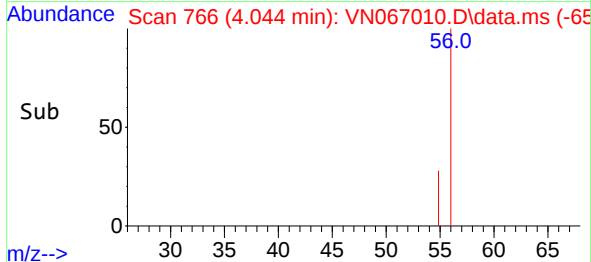
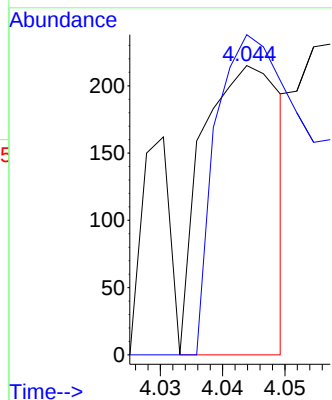
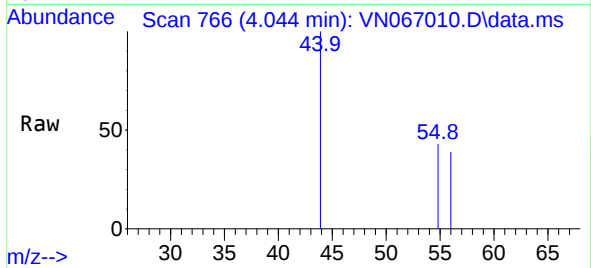




#13
Acrolein
Concen: 0.482 ug/l
RT: 4.044 min Scan# 766
Delta R.T. 0.003 min
Lab File: VN067010.D
Acq: 5 Aug 2021 11:57

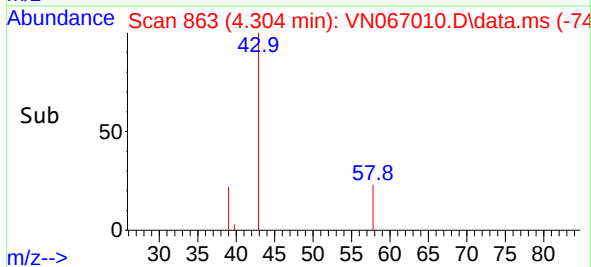
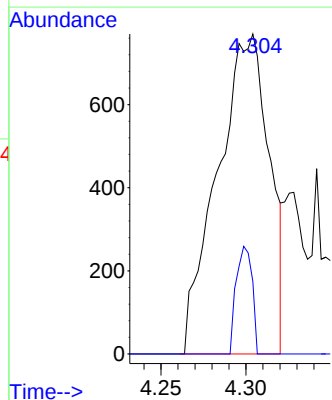
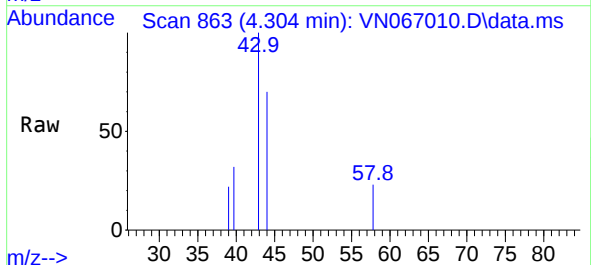
Instrument :
MSVOA_N
ClientSampleId :

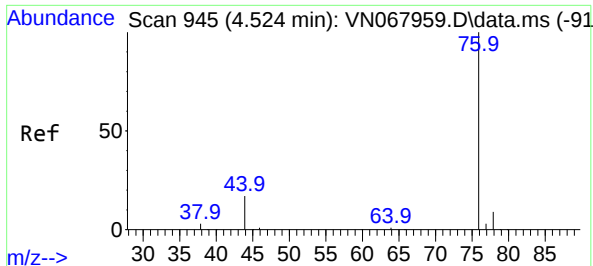
Tgt Ion: 56 Resp: 187
Ion Ratio Lower Upper
56 100
55 161.0 57.4 86.0#



#16
Acetone
Concen: 1.051 ug/l
RT: 4.304 min Scan# 863
Delta R.T. 0.013 min
Lab File: VN067010.D
Acq: 5 Aug 2021 11:57

Tgt Ion: 43 Resp: 1634
Ion Ratio Lower Upper
43 100
58 22.7 21.2 31.8

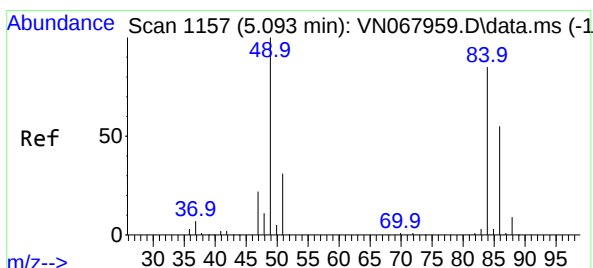
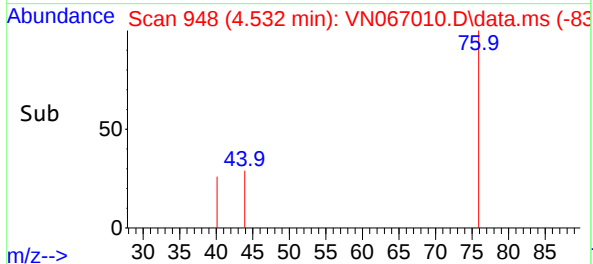
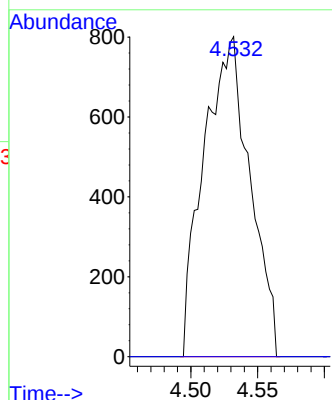
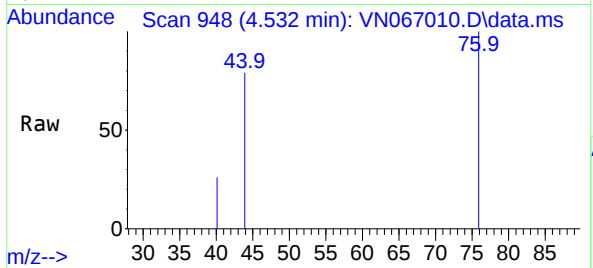




#17
Carbon Disulfide
Concen: 0.232 ug/l
RT: 4.532 min Scan# 948
Delta R.T. 0.008 min
Lab File: VN067010.D
Acq: 5 Aug 2021 11:57

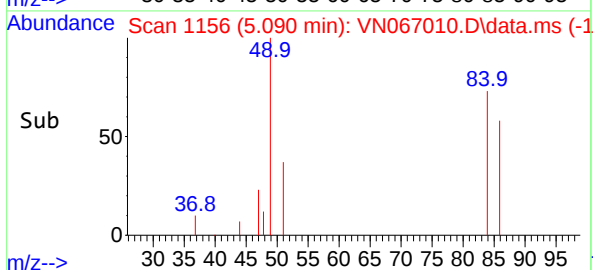
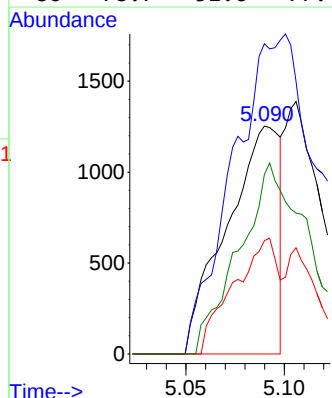
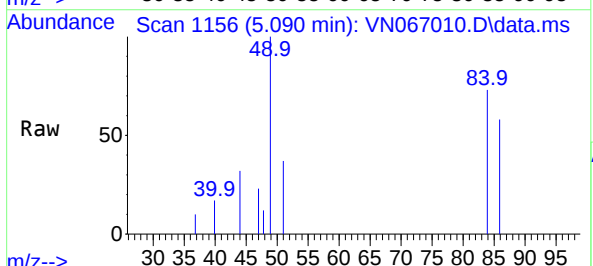
Instrument :
MSVOA_N
ClientSampled :

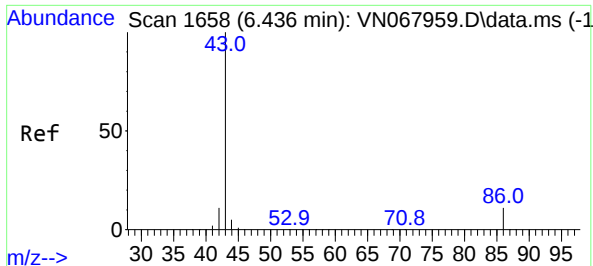
Tgt Ion: 76 Resp: 1925
Ion Ratio Lower Upper
76 100
78 0.0 7.7 11.5#



#20
Methylene Chloride
Concen: 0.369 ug/l
RT: 5.090 min Scan# 1156
Delta R.T. -0.003 min
Lab File: VN067010.D
Acq: 5 Aug 2021 11:57

Tgt Ion: 84 Resp: 2338
Ion Ratio Lower Upper
84 100
49 136.2 110.9 166.3
51 49.7 32.6 49.0#
86 78.7 51.6 77.4#

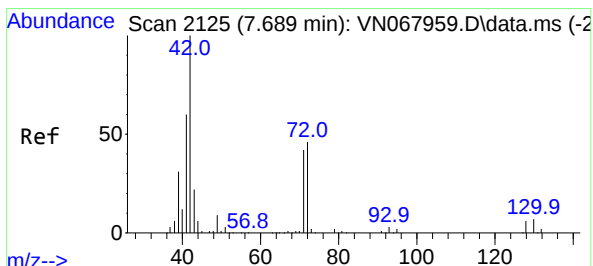
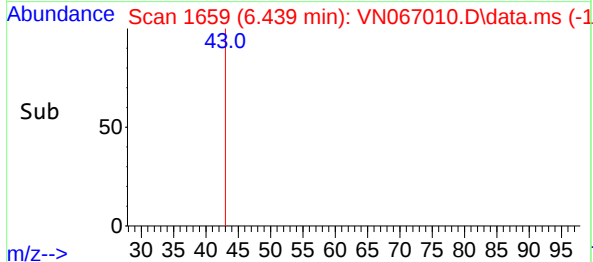
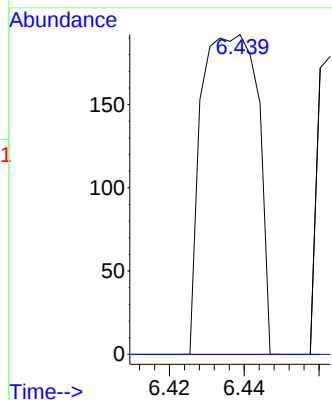
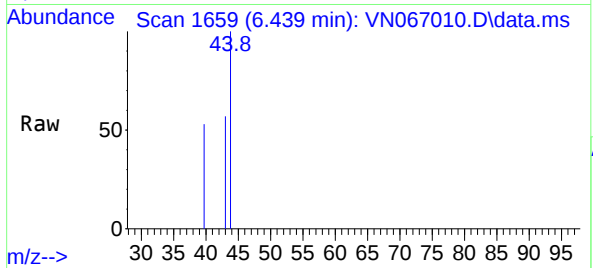




#23
 Vinyl Acetate
 Concen: 8.819 ug/l
 RT: 6.439 min Scan# 1659
 Delta R.T. 0.003 min
 Lab File: VN067010.D
 Acq: 5 Aug 2021 11:57

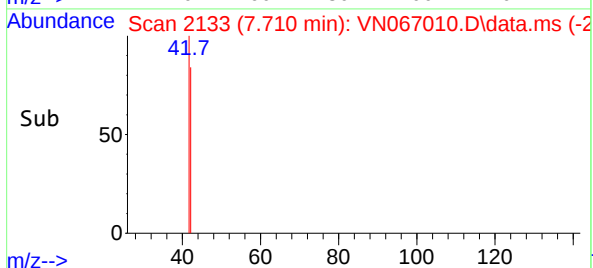
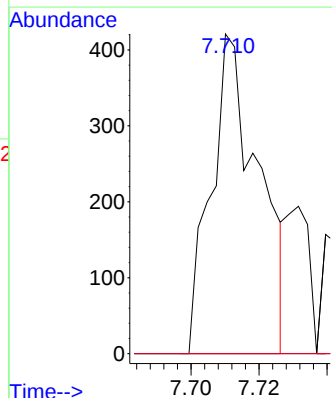
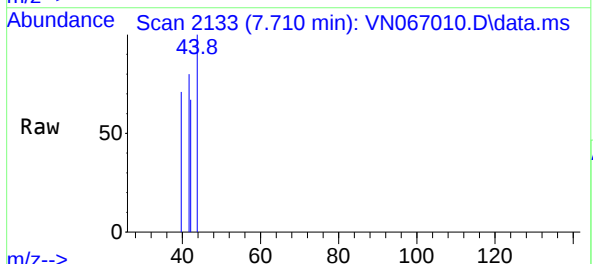
Instrument :
 MSVOA_N
 ClientSampleId :

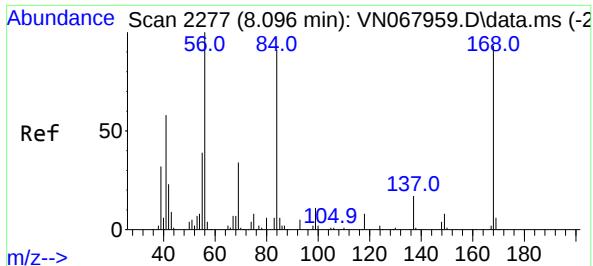
Tgt Ion: 43 Resp: 199
 Ion Ratio Lower Upper
 43 100
 86 0.0 7.3 10.9#



#29
 Tetrahydrofuran
 Concen: 0.282 ug/l
 RT: 7.710 min Scan# 2133
 Delta R.T. 0.021 min
 Lab File: VN067010.D
 Acq: 5 Aug 2021 11:57

Tgt Ion: 42 Resp: 408
 Ion Ratio Lower Upper
 42 100
 72 0.0 32.8 49.2#
 71 0.0 31.2 46.8#

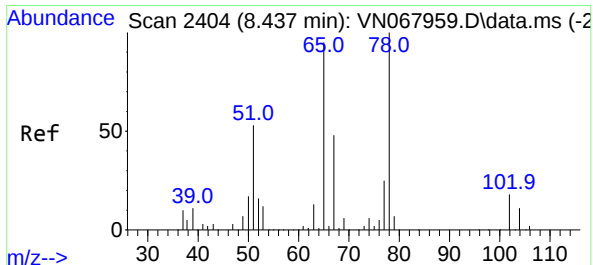
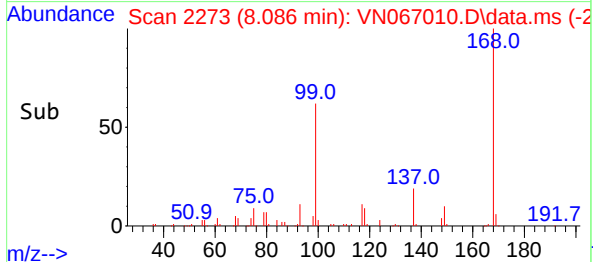
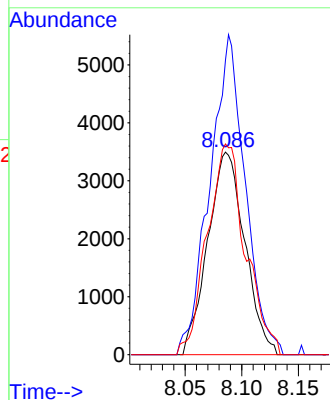
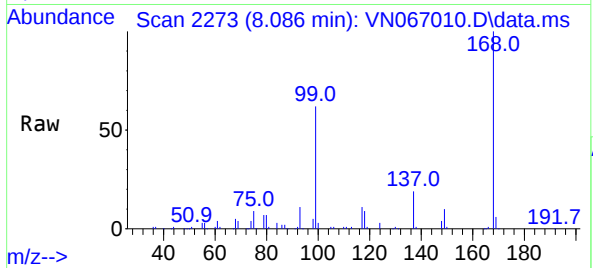




#31
Cyclohexane
Concen: 1.261 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.010 min
Lab File: VN067010.D
Acq: 5 Aug 2021 11:57

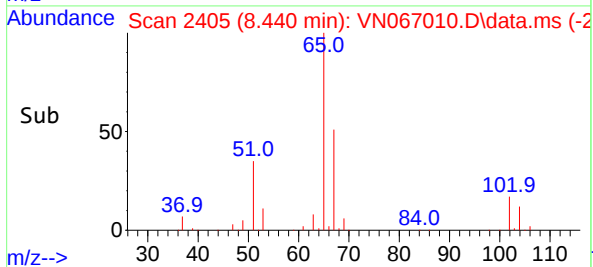
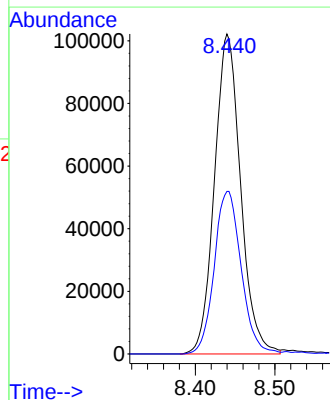
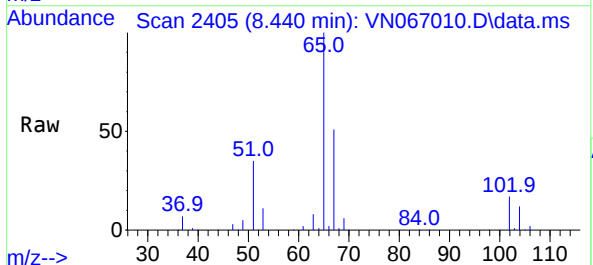
Instrument :
MSVOA_N
ClientSampleId :

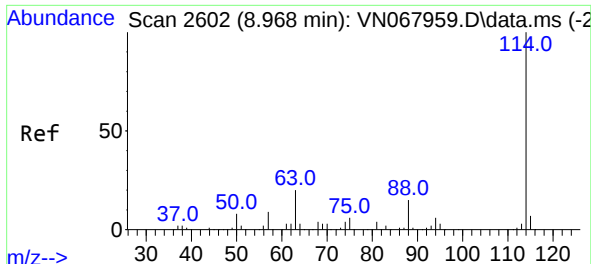
Tgt Ion: 56 Resp: 7932
Ion Ratio Lower Upper
56 100
69 140.5 27.3 40.9#
84 104.0 64.9 97.3#



#33
1,2-Dichloroethane-d4
Concen: 54.726 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. 0.003 min
Lab File: VN067010.D
Acq: 5 Aug 2021 11:57

Tgt Ion: 65 Resp: 233279
Ion Ratio Lower Upper
65 100
67 52.4 0.0 98.6

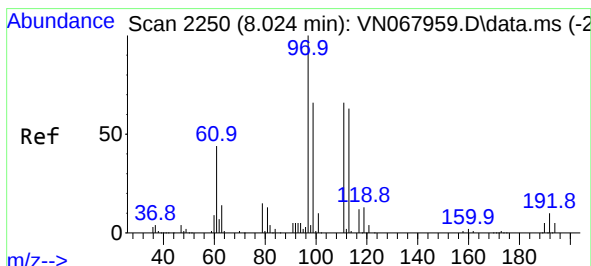
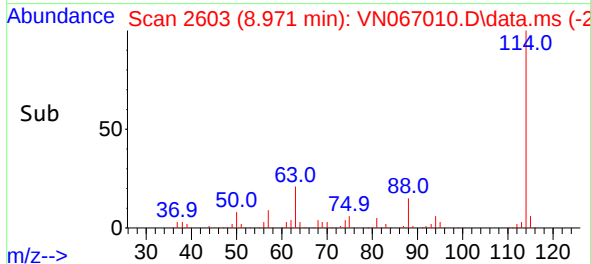
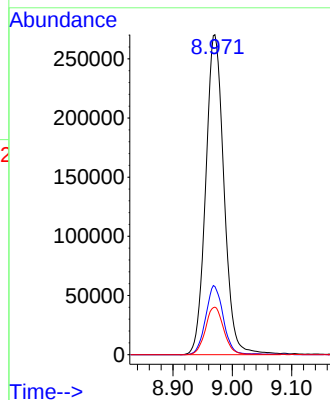
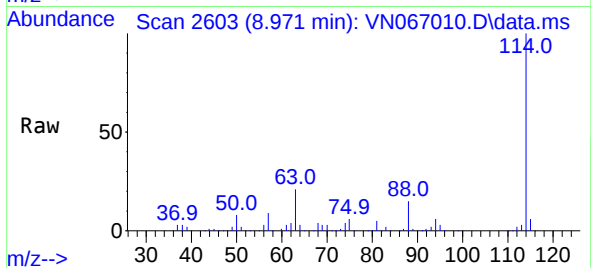




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN067010.D
Acq: 5 Aug 2021 11:57

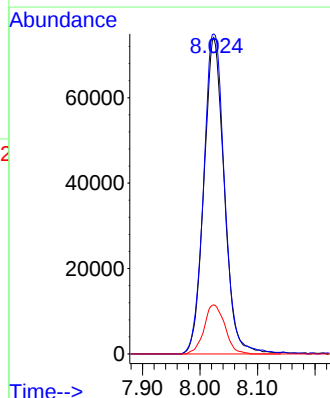
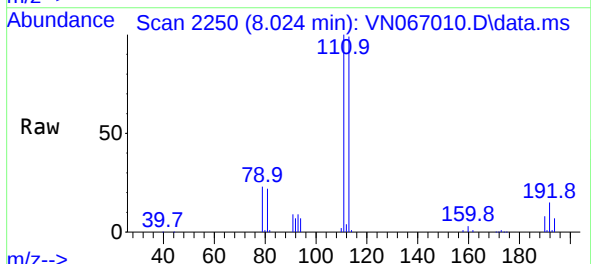
Instrument :
MSVOA_N
ClientSampled :

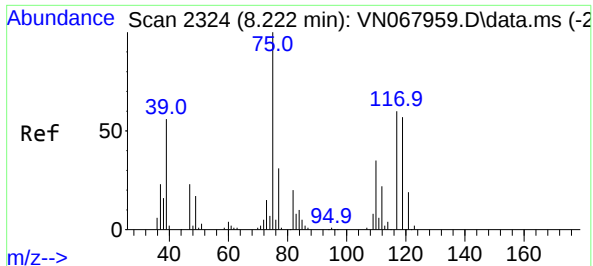
Tgt Ion:114 Resp: 578508
Ion Ratio Lower Upper
114 100
63 21.3 0.0 49.0
88 14.9 0.0 36.6



#35
Dibromofluoromethane
Concen: 53.933 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. -0.000 min
Lab File: VN067010.D
Acq: 5 Aug 2021 11:57

Tgt Ion:113 Resp: 181834
Ion Ratio Lower Upper
113 100
111 103.7 83.8 125.8
192 15.9 13.4 20.0

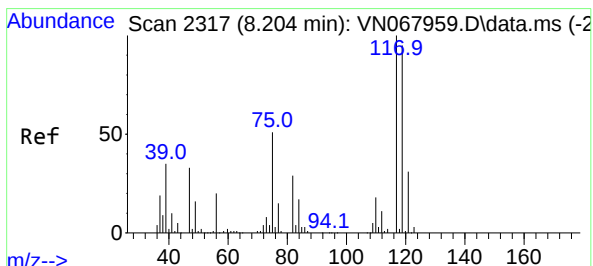
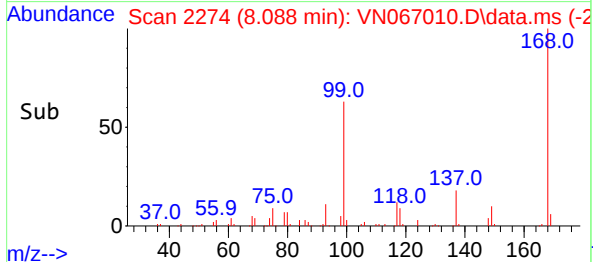
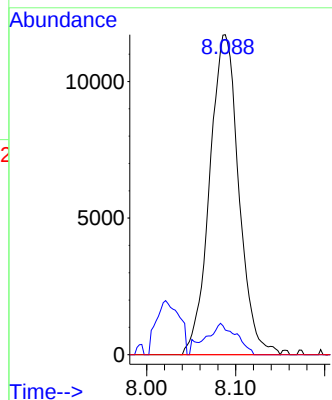
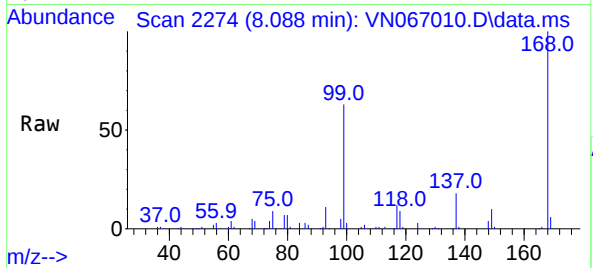




#36
1,1-Dichloropropene
Concen: 4.985 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.134 min
Lab File: VN067010.D
Acq: 5 Aug 2021 11:57

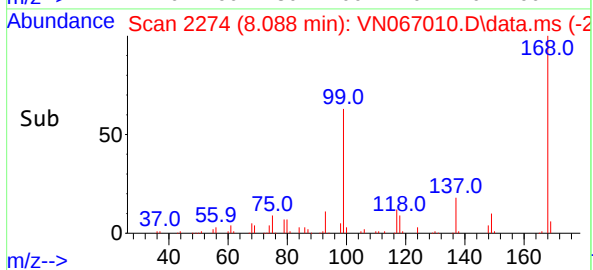
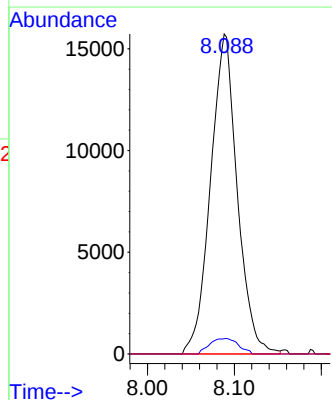
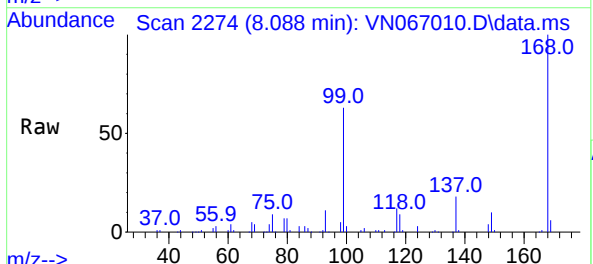
Instrument :
MSVOA_N
ClientSampled :

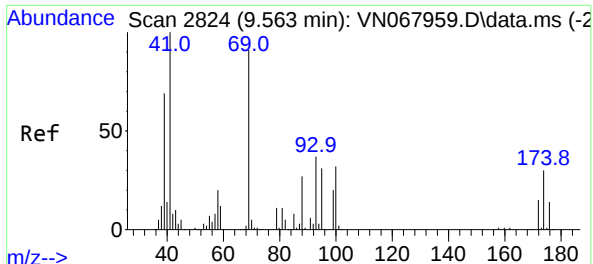
Tgt Ion: 75 Resp: 26677
Ion Ratio Lower Upper
75 100
110 9.1 15.7 47.0#
77 0.0 24.6 37.0#



#38
Carbon Tetrachloride
Concen: 6.390 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.116 min
Lab File: VN067010.D
Acq: 5 Aug 2021 11:57

Tgt Ion: 117 Resp: 33629
Ion Ratio Lower Upper
117 100
119 4.7 75.4 113.2#
121 0.0 23.5 35.3#





#48

Methyl methacrylate

Concen: 2.395 ug/l

RT: 9.561 min Scan# 2823

Delta R.T. -0.002 min

Lab File: VN067010.D

Acq: 5 Aug 2021 11:57

Tgt Ion: 41 Resp: 394

Ion Ratio Lower Upper

41 100

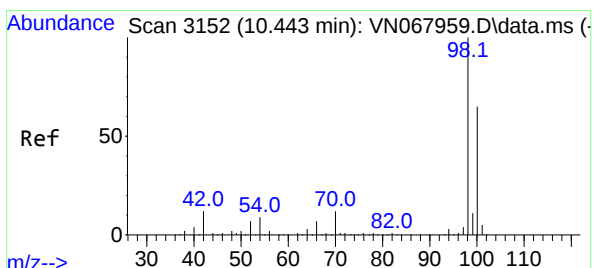
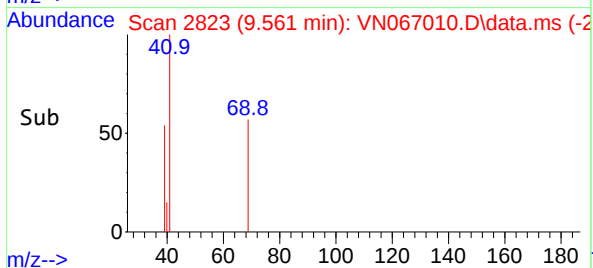
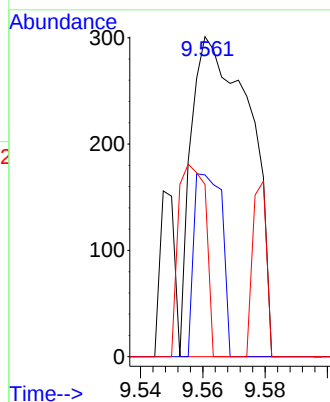
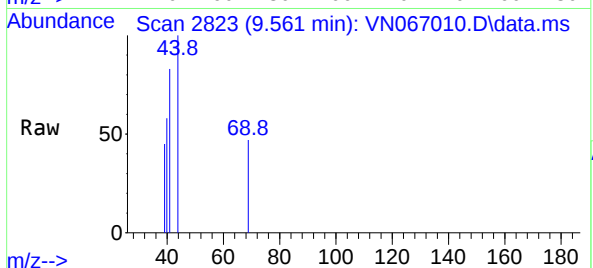
69 27.2 64.6 96.8#

39 27.7 53.3 79.9#

Instrument :

MSVOA_N

ClientSampleId :



#50

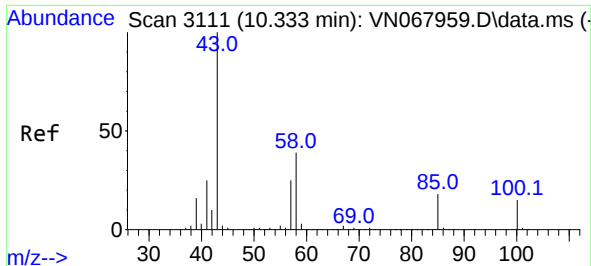
Toluene-d8

Concen: 46.820 ug/l

RT: 10.446 min Scan# 3153

Delta R.T. 0.003 min

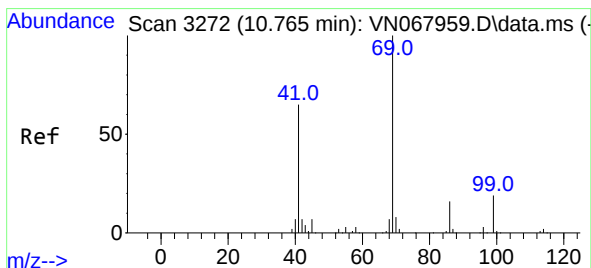
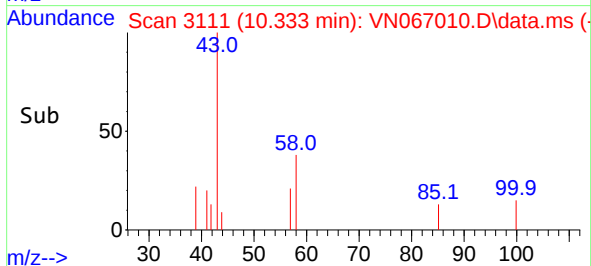
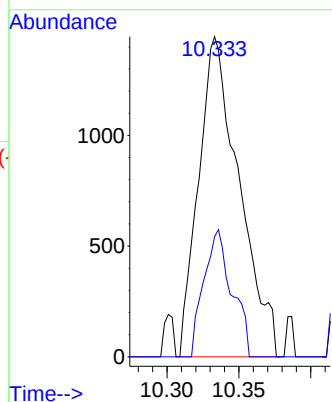
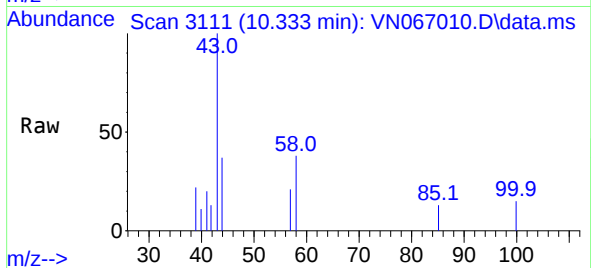
Lab File: VN06701



#51
4-Methyl-2-Pentanone
Concen: 13.007 ug/l
RT: 10.333 min Scan# 3111
Delta R.T. 0.000 min
Lab File: VN067010.D
Acq: 5 Aug 2021 11:57

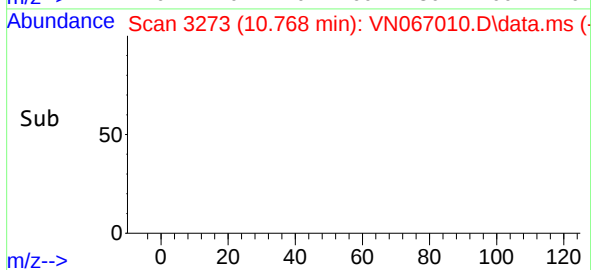
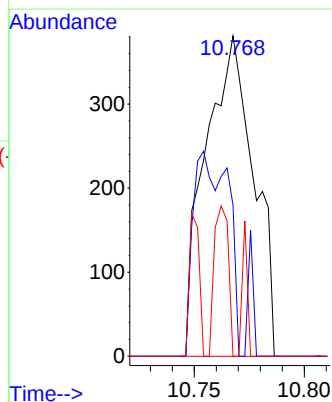
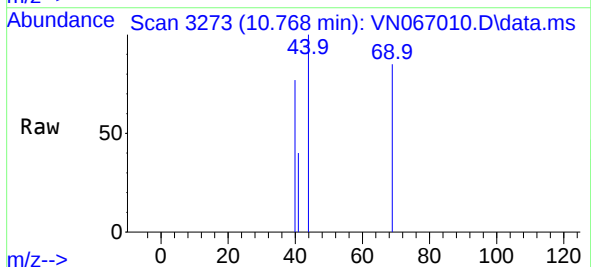
Instrument :
MSVOA_N
ClientSampled :

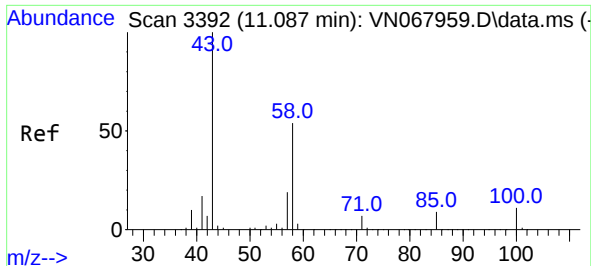
Tgt Ion: 43 Resp: 2833
Ion Ratio Lower Upper
43 100
58 27.5 28.6 43.0#



#56
Ethyl methacrylate
Concen: 3.174 ug/l
RT: 10.768 min Scan# 3273
Delta R.T. 0.003 min
Lab File: VN067010.D
Acq: 5 Aug 2021 11:57

Tgt Ion: 69 Resp: 580
Ion Ratio Lower Upper
69 100
41 4.1 58.6 88.0#
39 4.5 38.3 57.5#

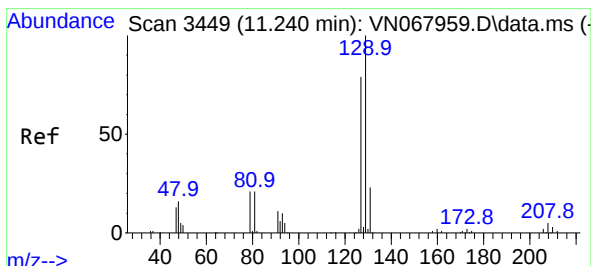
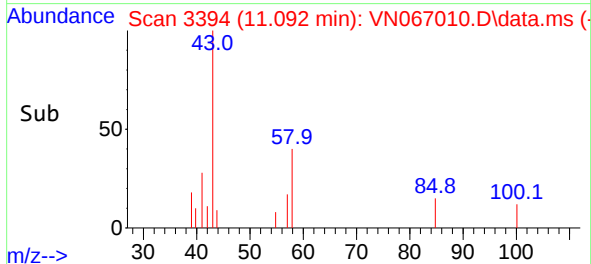
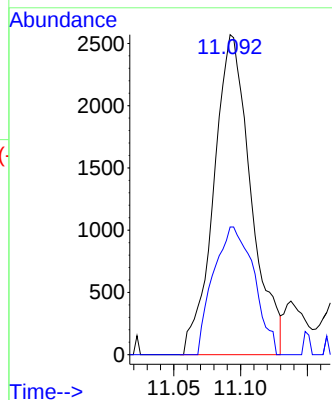
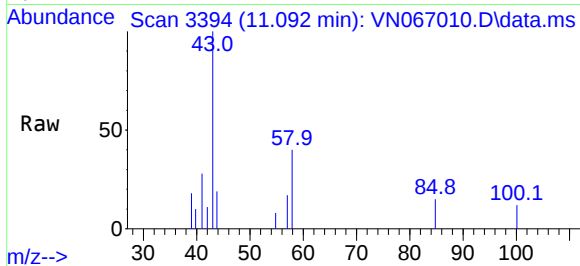




#59
2-Hexanone
Concen: 14.370 ug/l
RT: 11.092 min Scan# 3394
Delta R.T. 0.005 min
Lab File: VN067010.D
Acq: 5 Aug 2021 11:57

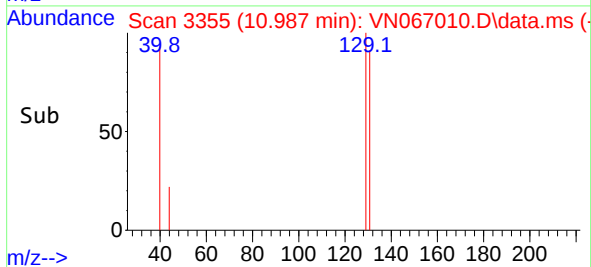
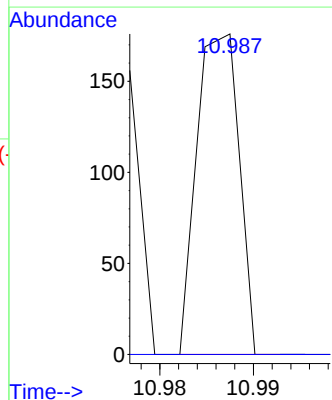
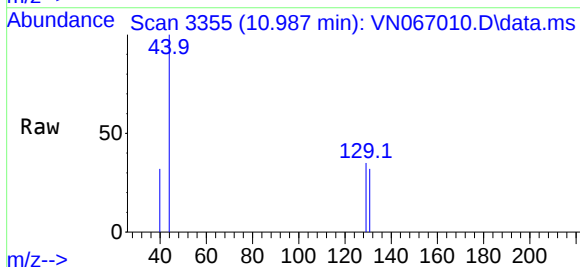
Instrument :
MSVOA_N
ClientSampled :

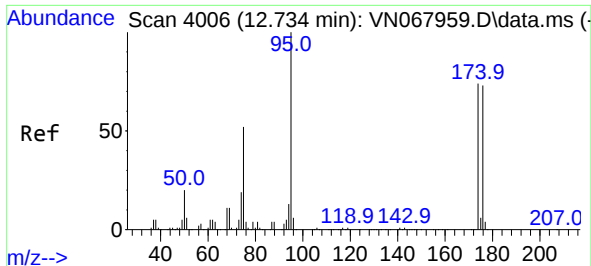
Tgt Ion: 43 Resp: 4978
Ion Ratio Lower Upper
43 100
58 43.3 24.7 74.1



#60
Dibromochloromethane
Concen: 3.313 ug/l
RT: 10.987 min Scan# 3355
Delta R.T. -0.253 min
Lab File: VN067010.D
Acq: 5 Aug 2021 11:57

Tgt Ion:129 Resp: 55
Ion Ratio Lower Upper
129 100
127 0.0 38.6 115.8#

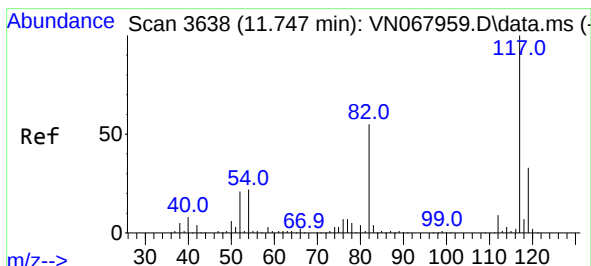
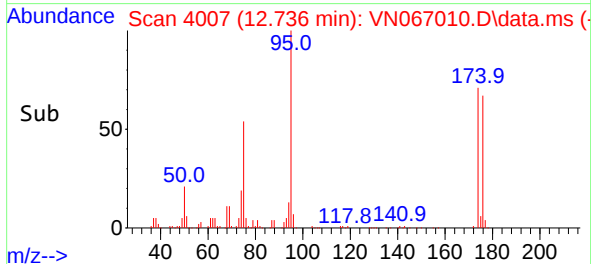
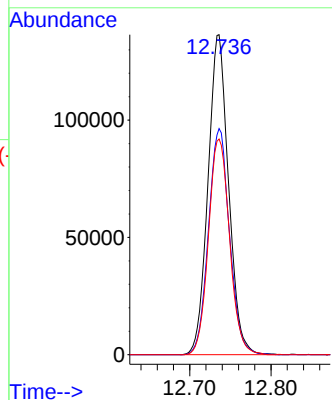
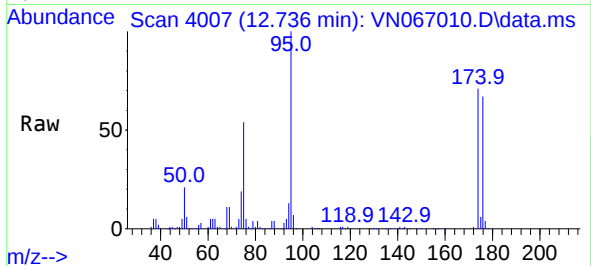




#62
4-Bromofluorobenzene
Concen: 42.851 ug/l
RT: 12.736 min Scan# 4007
Delta R.T. 0.002 min
Lab File: VN067010.D
Acq: 5 Aug 2021 11:57

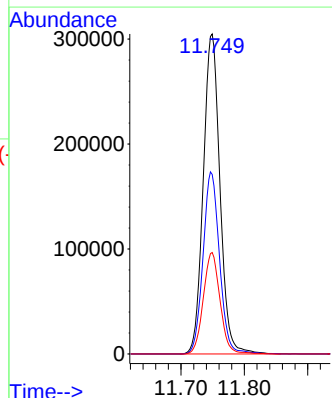
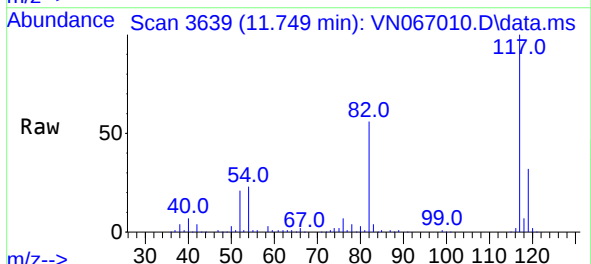
Instrument :
MSVOA_N
ClientSampleId :

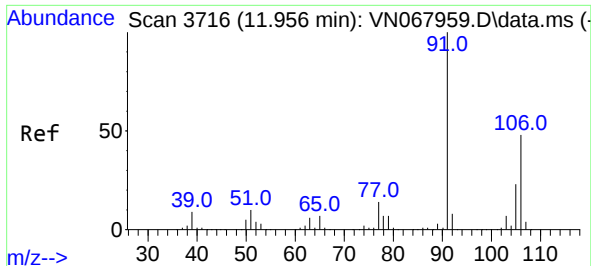
Tgt Ion: 95 Resp: 239546
Ion Ratio Lower Upper
95 100
174 72.6 0.0 122.0
176 69.3 0.0 117.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.749 min Scan# 3639
Delta R.T. 0.002 min
Lab File: VN067010.D
Acq: 5 Aug 2021 11:57

Tgt Ion: 117 Resp: 558318
Ion Ratio Lower Upper
117 100
82 56.1 53.1 79.7
119 31.7 25.5 38.3

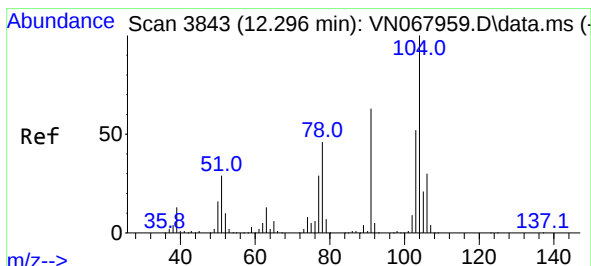
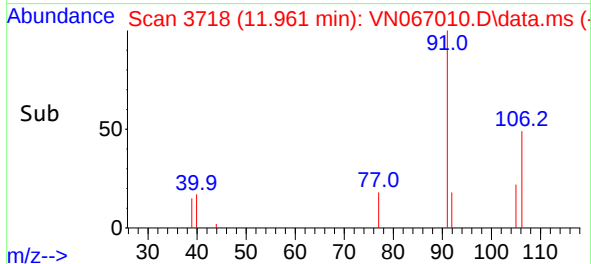
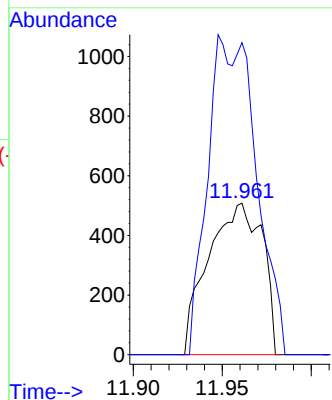
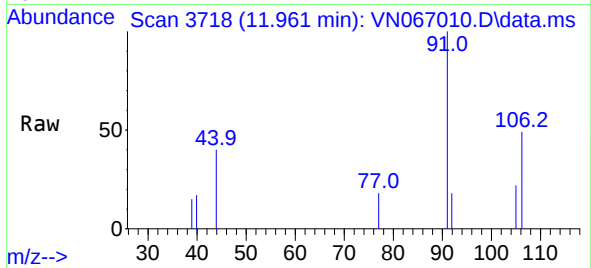




#68
m/p-Xylenes
Concen: 4.179 ug/l
RT: 11.961 min Scan# 3718
Delta R.T. 0.005 min
Lab File: VN067010.D
Acq: 5 Aug 2021 11:57

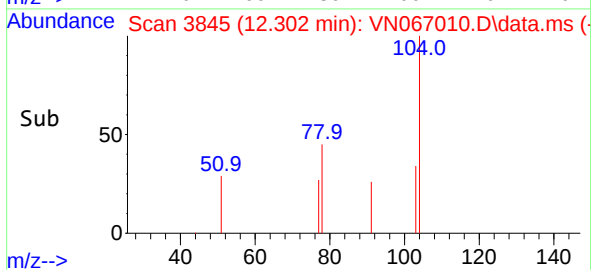
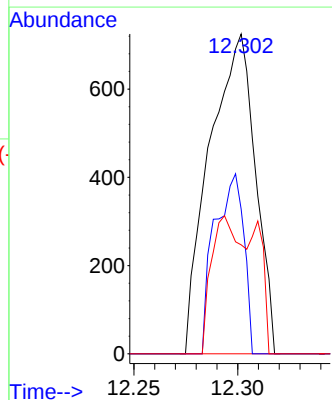
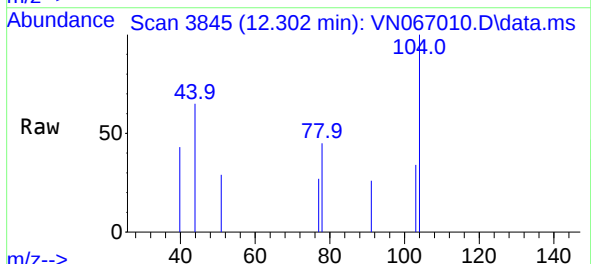
Instrument :
MSVOA_N
ClientSampleId :

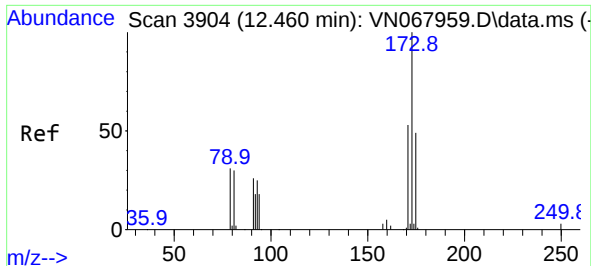
Tgt Ion:106 Resp: 1073
Ion Ratio Lower Upper
106 100
91 99.0 180.6 270.8#



#70
Styrene
Concen: 2.703 ug/l
RT: 12.302 min Scan# 3845
Delta R.T. 0.006 min
Lab File: VN067010.D
Acq: 5 Aug 2021 11:57

Tgt Ion:104 Resp: 1111
Ion Ratio Lower Upper
104 100
78 35.8 48.2 72.2#
103 29.4 44.5 66.7#

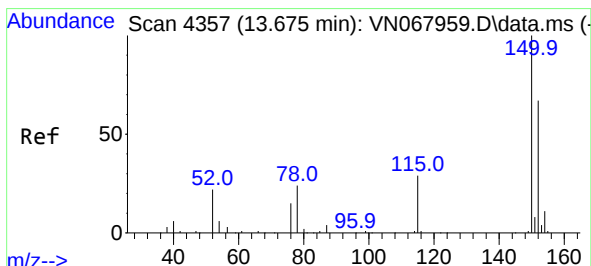
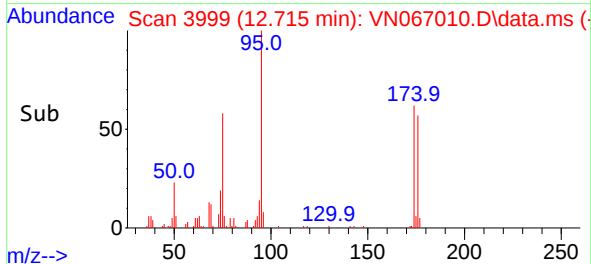
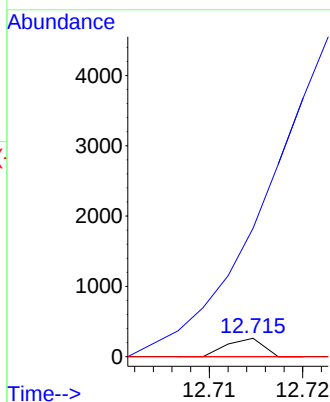
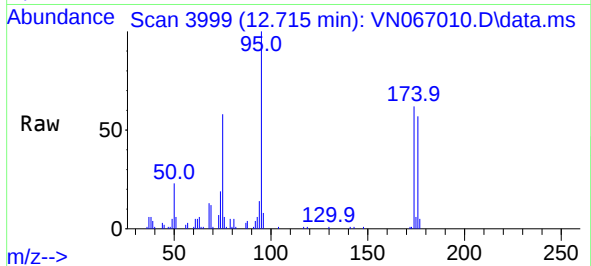




#71
Bromoform
Concen: 4.049 ug/l
RT: 12.715 min Scan# 3999
Delta R.T. 0.255 min
Lab File: VN067010.D
Acq: 5 Aug 2021 11:57

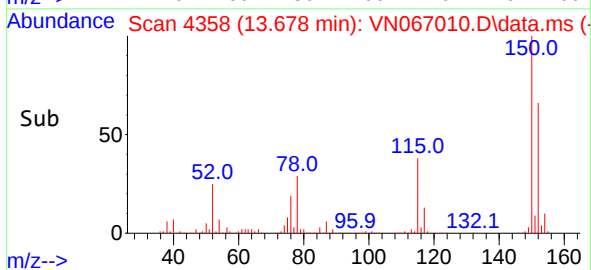
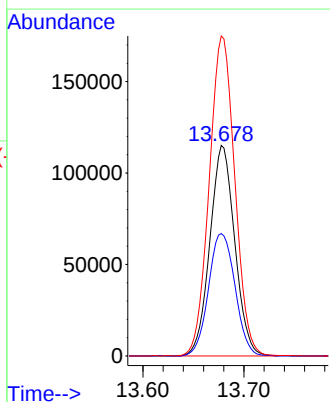
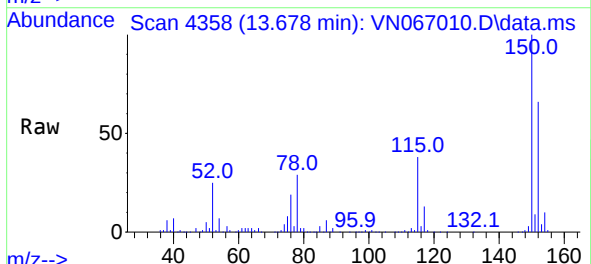
Instrument :
MSVOA_N
ClientSampled :

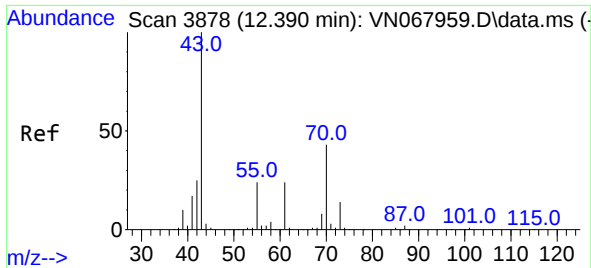
Tgt Ion:173 Resp: 71
Ion Ratio Lower Upper
173 100
175 0.0 23.9 71.8#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. 0.002 min
Lab File: VN067010.D
Acq: 5 Aug 2021 11:57

Tgt Ion:152 Resp: 196956
Ion Ratio Lower Upper
152 100
115 62.0 36.1 108.5
150 156.3 0.0 351.8



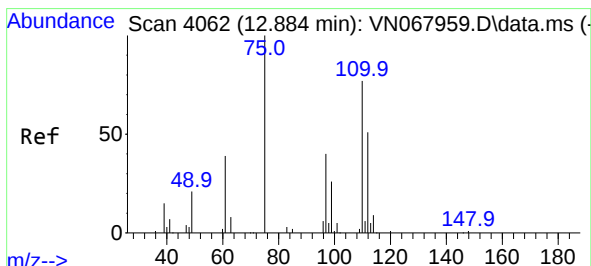
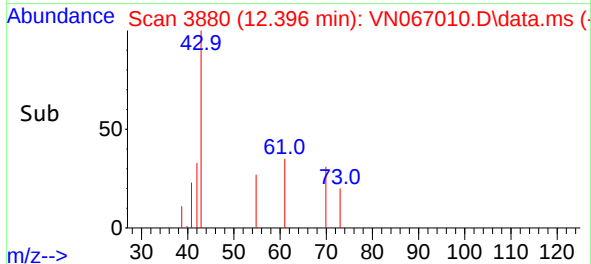
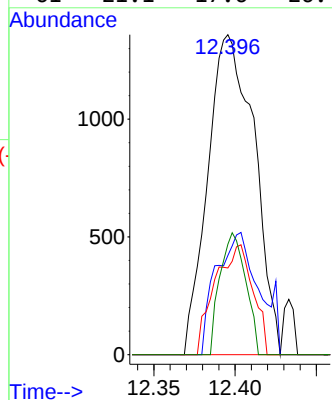
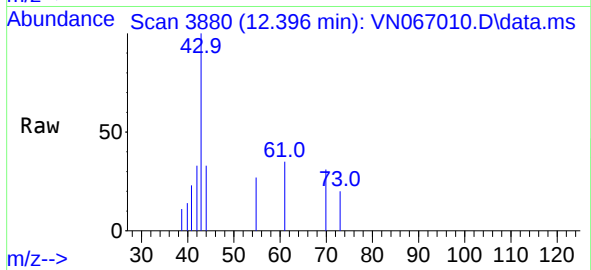


#74
N-amy1 acetate
Concen: 0.484 ug/l
RT: 12.396 min Scan# 3880
Delta R.T. 0.006 min
Lab File: VN067010.D
Acq: 5 Aug 2021 11:57

Instrument :
MSVOA_N
ClientSampled :

Tgt Ion: 43 Resp: 2703

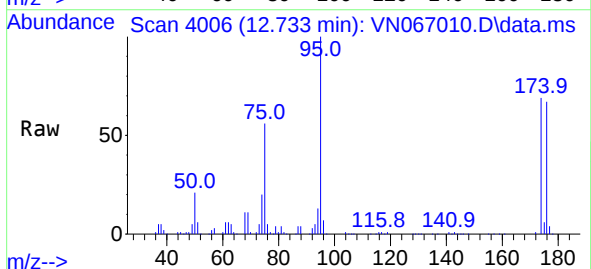
Ion	Ratio	Lower	Upper
43	100		
70	35.1	29.4	44.2
55	27.9	17.0	25.4#
61	21.1	17.6	26.4

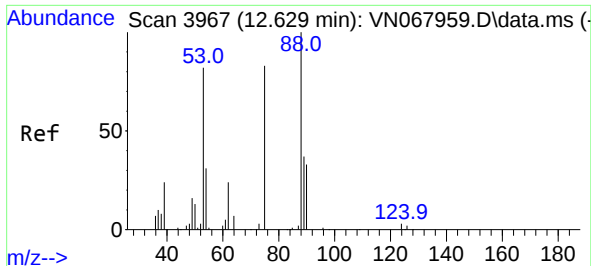


#76
1,2,3-Trichloropropane
Concen: 33.602 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.151 min
Lab File: VN067010.D
Acq: 5 Aug 2021 11:57

Tgt Ion: 75 Resp: 132911

Ion	Ratio	Lower	Upper
75	100		
77	1.2	0.0	0.0#

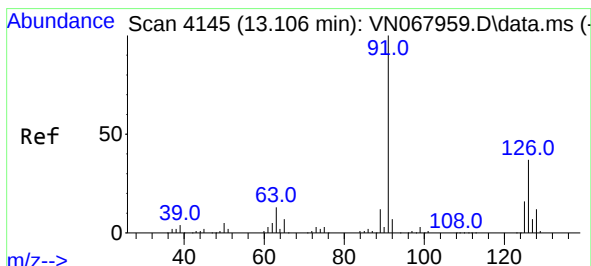
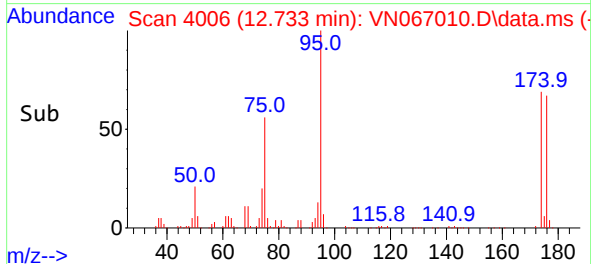
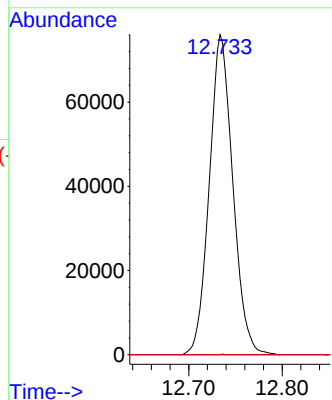
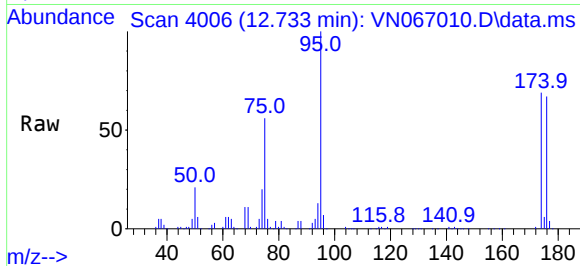




#81
trans-1,4-Dichloro-2-butene
Concen: 90.116 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.104 min
Lab File: VN067010.D
Acq: 5 Aug 2021 11:57

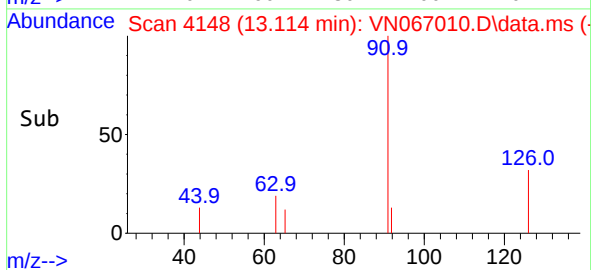
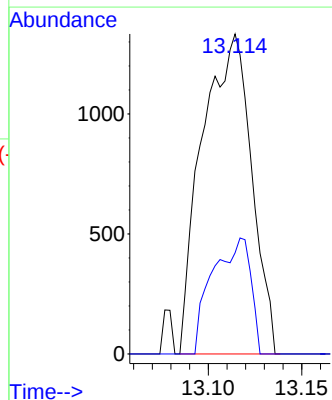
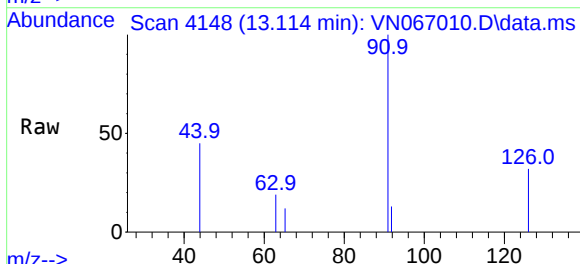
Instrument :
MSVOA_N
ClientSampleId :

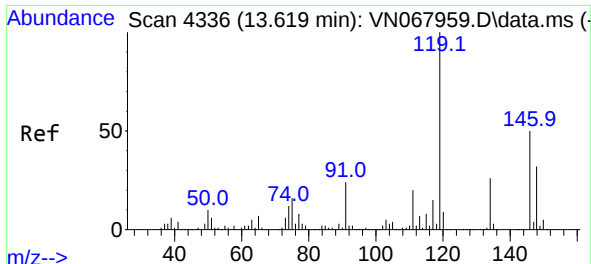
Tgt Ion: 75 Resp: 132911
Ion Ratio Lower Upper
75 100
53 0.0 87.6 131.4#
89 0.0 37.8 56.8#



#82
4-Chlorotoluene
Concen: 0.220 ug/l
RT: 13.114 min Scan# 4148
Delta R.T. 0.008 min
Lab File: VN067010.D
Acq: 5 Aug 2021 11:57

Tgt Ion: 91 Resp: 2442
Ion Ratio Lower Upper
91 100
126 28.0 14.8 44.4

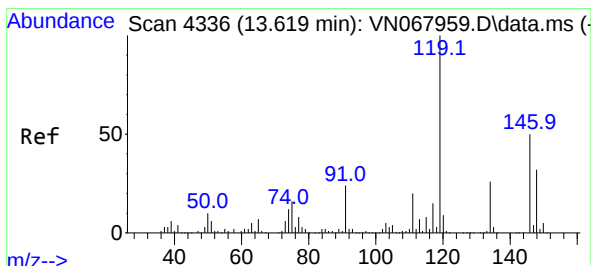
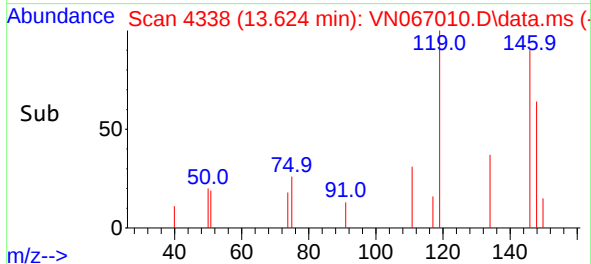
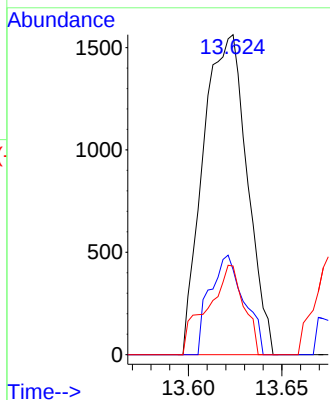
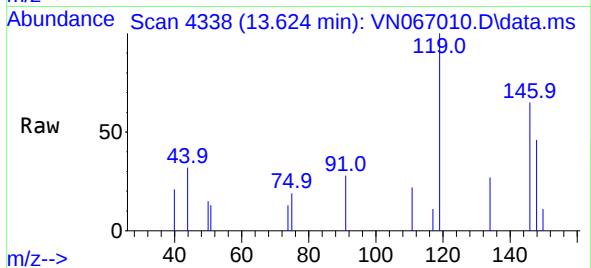




#86
p-Isopropyltoluene
Concen: 0.212 ug/l
RT: 13.624 min Scan# 4338
Delta R.T. 0.005 min
Lab File: VN067010.D
Acq: 5 Aug 2021 11:57

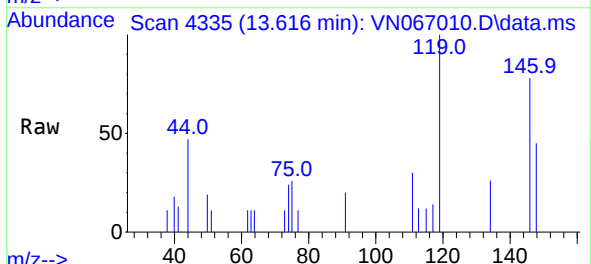
Instrument :
MSVOA_N
ClientSampled :

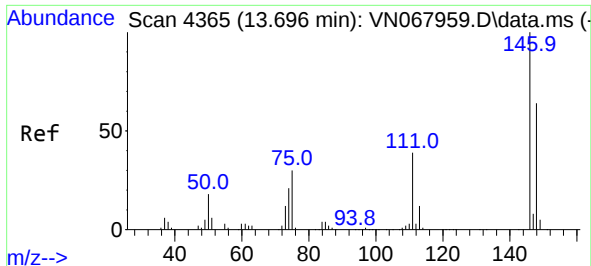
Tgt Ion:119 Resp: 2550
Ion Ratio Lower Upper
119 100
134 24.2 12.4 37.4
91 23.3 14.8 44.3



#87
1,3-Dichlorobenzene
Concen: 0.301 ug/l
RT: 13.616 min Scan# 4335
Delta R.T. -0.003 min
Lab File: VN067010.D
Acq: 5 Aug 2021 11:57

Tgt Ion:146 Resp: 2043
Ion Ratio Lower Upper
146 100
111 35.3 24.3 72.8
148 54.3 32.0 96.0

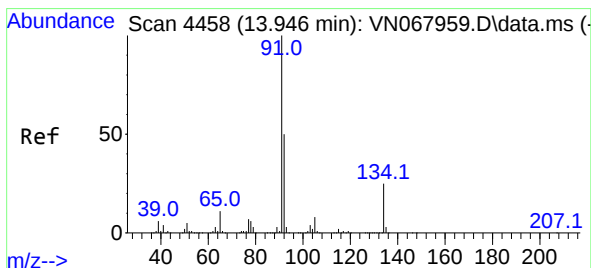
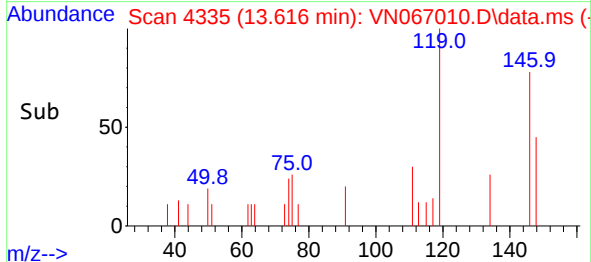
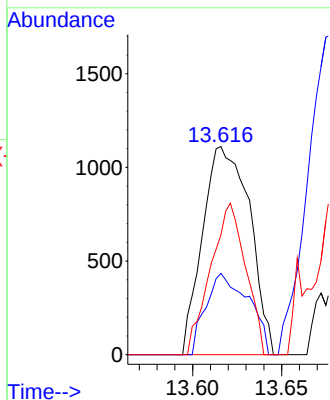
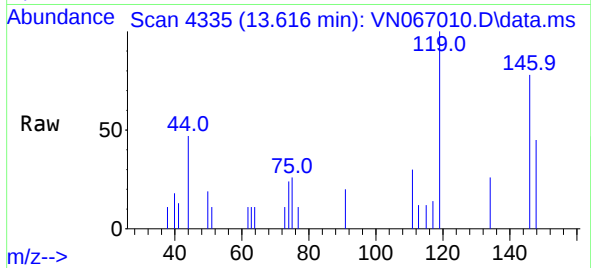




#88
1,4-Dichlorobenzene
Concen: 0.305 ug/l
RT: 13.616 min Scan# 4335
Delta R.T. -0.080 min
Lab File: VN067010.D
Acq: 5 Aug 2021 11:57

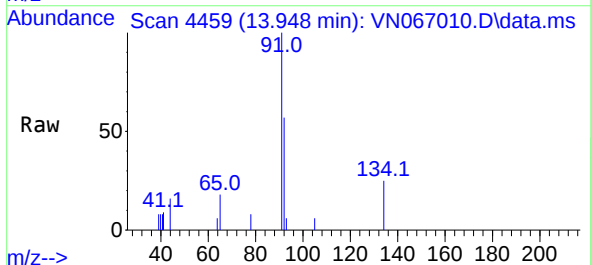
Instrument :
MSVOA_N
ClientSampleId :

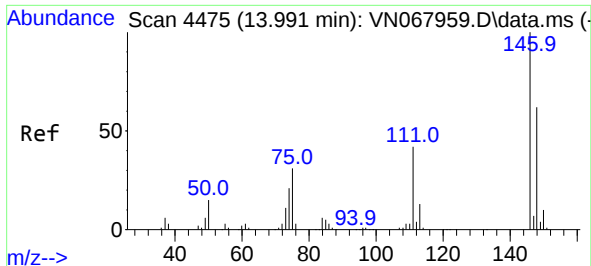
Tgt Ion:146 Resp: 2043
Ion Ratio Lower Upper
146 100
111 35.3 23.4 70.2
148 54.3 31.8 95.3



#89
n-Butylbenzene
Concen: 0.479 ug/l
RT: 13.948 min Scan# 4459
Delta R.T. 0.002 min
Lab File: VN067010.D
Acq: 5 Aug 2021 11:57

Tgt Ion: 91 Resp: 4952
Ion Ratio Lower Upper
91 100
92 48.8 25.7 77.1
134 19.8 11.2 33.6

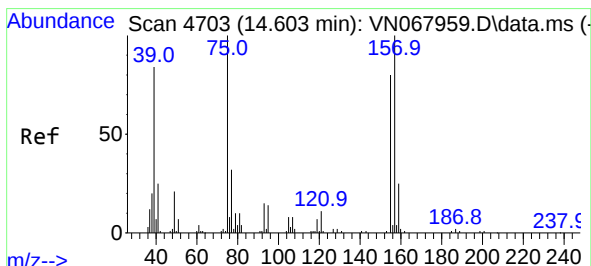
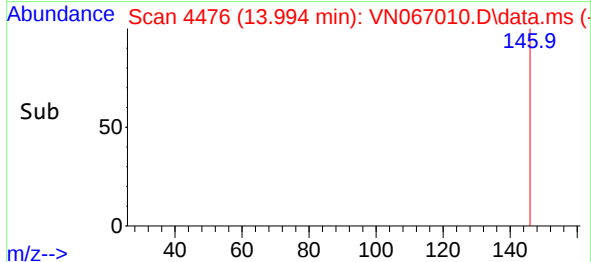
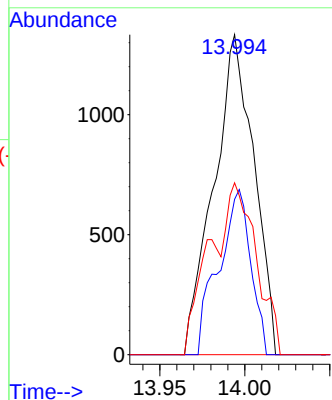
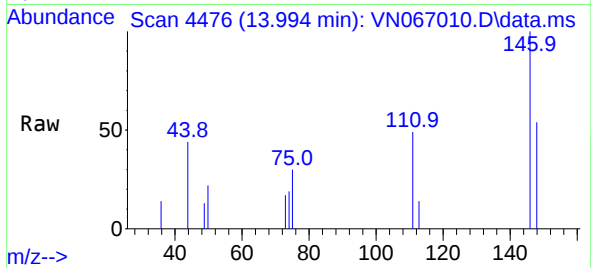




#91
1,2-Dichlorobenzene
Concen: 0.344 ug/l
RT: 13.994 min Scan# 4476
Delta R.T. 0.003 min
Lab File: VN067010.D
Acq: 5 Aug 2021 11:57

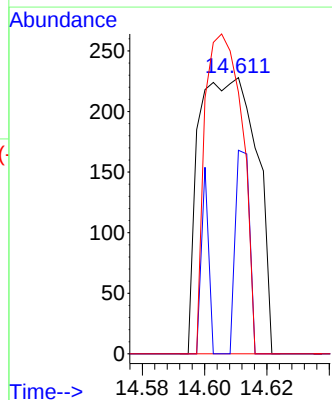
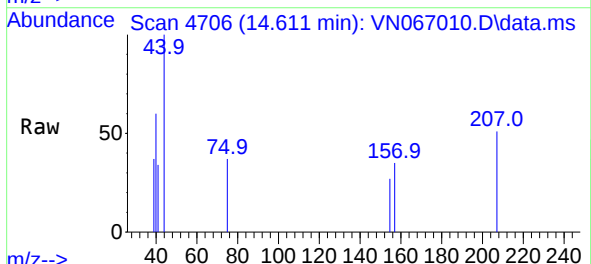
Instrument :
MSVOA_N
ClientSampled :

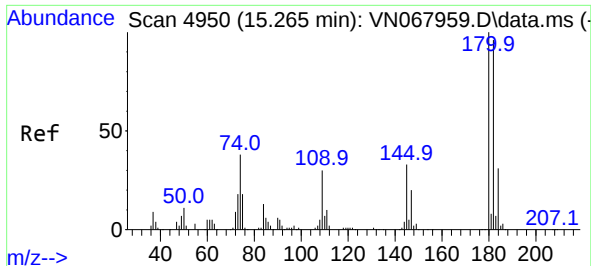
Tgt Ion:146 Resp: 2194
Ion Ratio Lower Upper
146 100
111 41.2 24.9 74.6
148 40.4 31.6 95.0



#92
1,2-Dibromo-3-Chloropropane
Concen: 0.378 ug/l
RT: 14.611 min Scan# 4706
Delta R.T. 0.008 min
Lab File: VN067010.D
Acq: 5 Aug 2021 11:57

Tgt Ion: 75 Resp: 293
Ion Ratio Lower Upper
75 100
155 18.4 29.8 89.5#
157 74.4 37.6 112.8

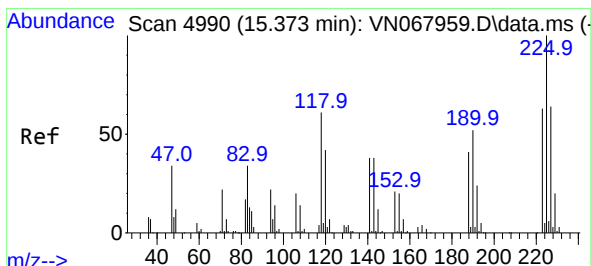
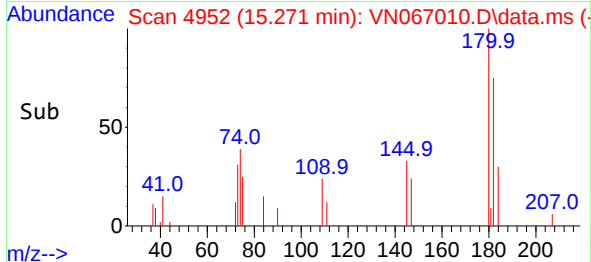
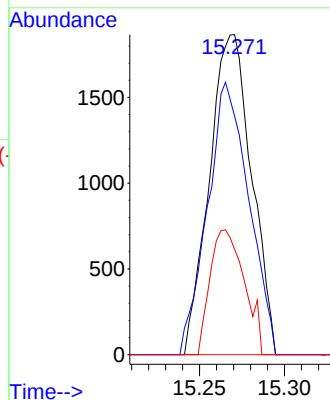
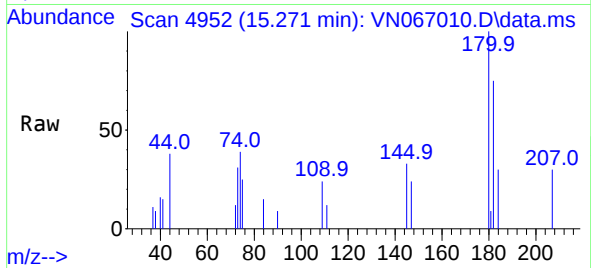




#93
1,2,4-Trichlorobenzene
Concen: 3.538 ug/l
RT: 15.271 min Scan# 4952
Delta R.T. 0.006 min
Lab File: VN067010.D
Acq: 5 Aug 2021 11:57

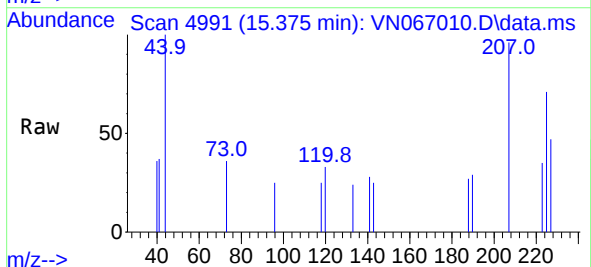
Instrument :
MSVOA_N
ClientSampled :

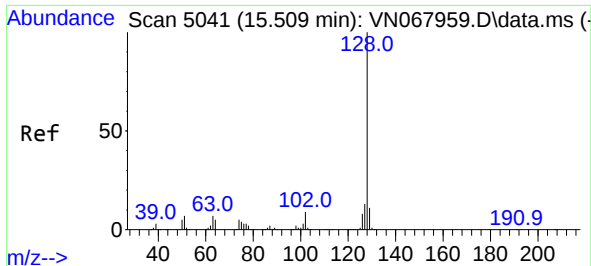
Tgt Ion:180 Resp: 3223
Ion Ratio Lower Upper
180 100
182 83.3 47.5 142.5
145 31.6 17.2 51.6



#94
Hexachlorobutadiene
Concen: 0.486 ug/l
RT: 15.375 min Scan# 4991
Delta R.T. 0.002 min
Lab File: VN067010.D
Acq: 5 Aug 2021 11:57

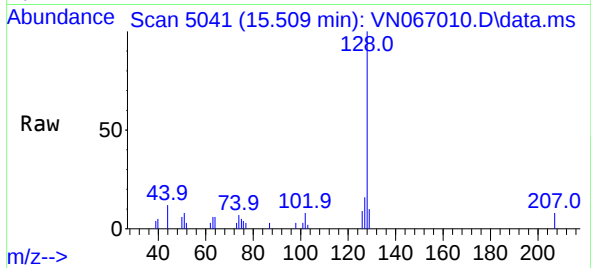
Tgt Ion:225 Resp: 644
Ion Ratio Lower Upper
225 100
223 55.6 31.4 94.0
227 68.9 31.2 93.6



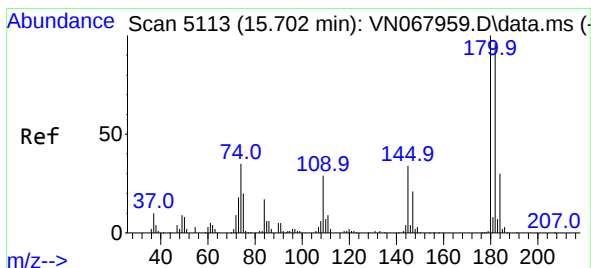
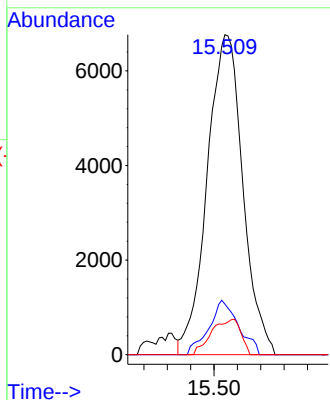
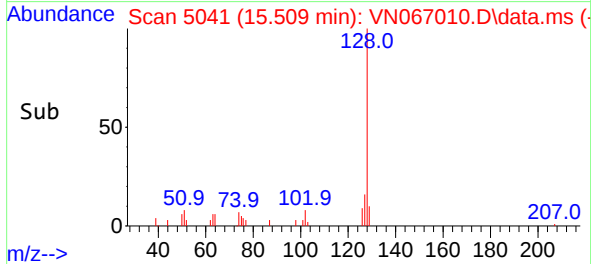


#95
Naphthalene
Concen: 4.754 ug/l
RT: 15.509 min Scan# 5041
Delta R.T. 0.000 min
Lab File: VN067010.D
Acq: 5 Aug 2021 11:57

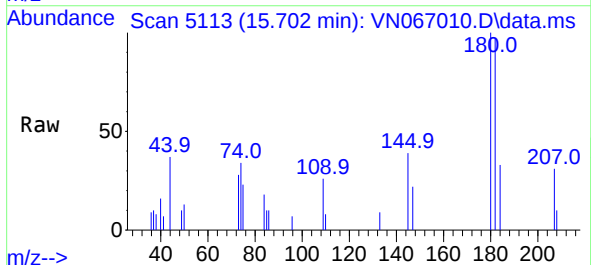
Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:	128	Resp:	14314
Ion Ratio	100	Lower	Upper
127	14.2	10.6	15.8
129	9.1	8.6	12.8



#96
1,2,3-Trichlorobenzene
Concen: 3.705 ug/l
RT: 15.702 min Scan# 5113
Delta R.T. 0.000 min
Lab File: VN067010.D
Acq: 5 Aug 2021 11:57



Tgt Ion:	180	Resp:	3801
Ion Ratio	100	Lower	Upper
182	100.6	47.8	143.3
145	35.5	18.2	54.6

