

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121421\
 Data File : VN070097.D
 Acq On : 15 Dec 2021 2:54
 Operator : JC/MD
 Sample : M5011-08 10X
 Misc : 3.13g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 15 05:30:01 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 03 08:46:47 2021
 Response via : Initial Calibration

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

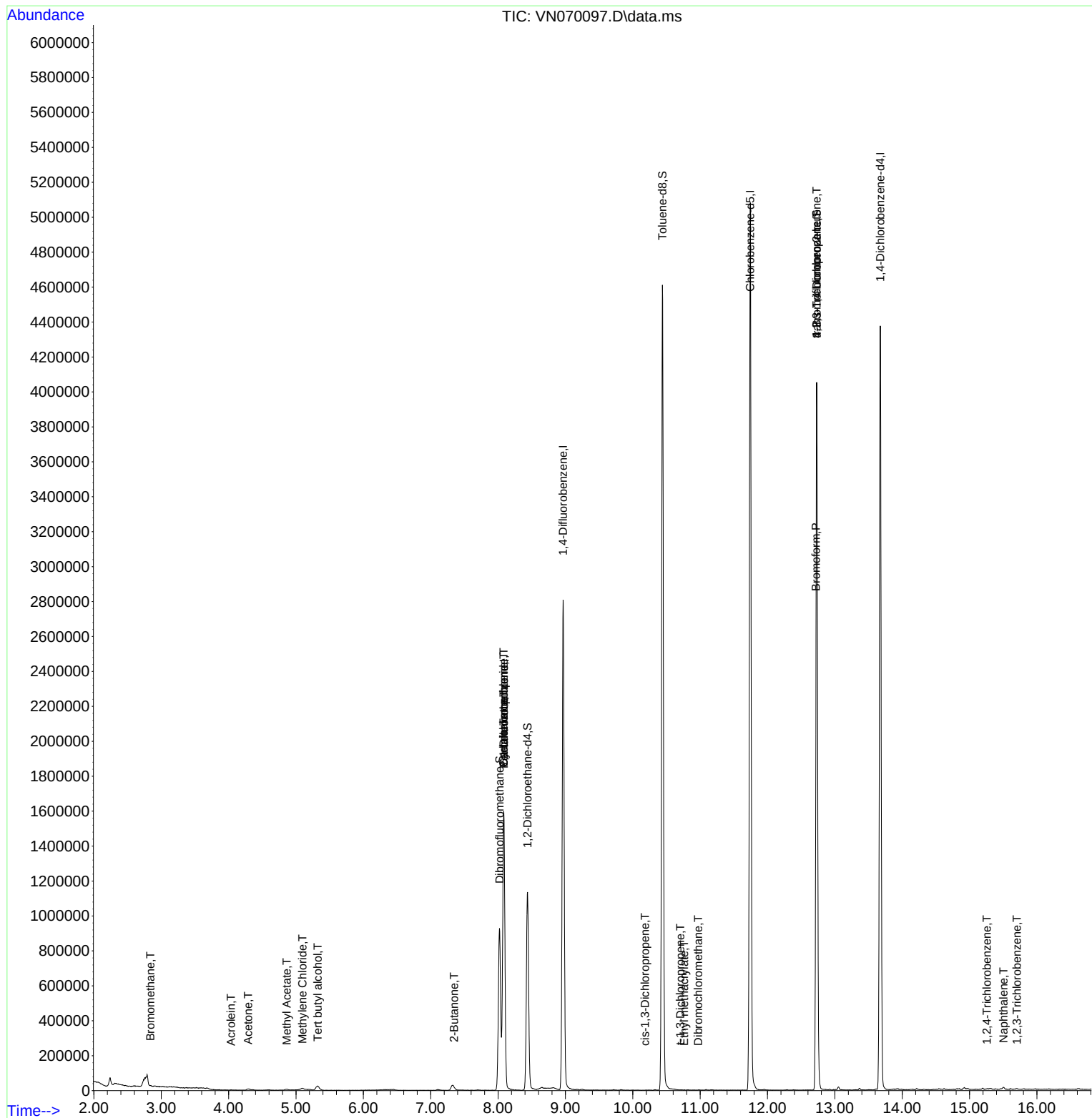
Internal Standards						
1) Pentafluorobenzene	8.086	168	1191756	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	2328292	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	2815067	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	1160393	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	976286	53.057	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 106.120%	
35) Dibromofluoromethane	8.021	113	673338	46.170	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 92.340%	
50) Toluene-d8	10.440	98	3117323	53.234	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 106.460%	
62) 4-Bromofluorobenzene	12.731	95	1408907	66.412	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 132.820%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.840	94	1822	0.209	ug/l	88
11) Tert butyl alcohol	5.320	59	25977	7.469	ug/l #	72
13) Acrolein	4.036	56	735	0.248	ug/l #	14
16) Acetone	4.288	43	10525	0.951	ug/l	93
18) Methyl Acetate	4.864	43	8326	0.249	ug/l #	89
20) Methylene Chloride	5.095	84	3786	0.257	ug/l #	84
25) 2-Butanone	7.345	43	16405	1.091	ug/l #	78
31) Cyclohexane	8.083	56	31115	1.215	ug/l #	25
36) 1,1-Dichloropropene	8.083	75	102563	4.627	ug/l #	49
38) Carbon Tetrachloride	8.083	117	122781	5.649	ug/l #	16
53) t-1,3-Dichloropropene	10.706	75	80	2.797	ug/l #	1
54) cis-1,3-Dichloropropene	10.180	75	27	2.000	ug/l #	32
56) Ethyl methacrylate	10.759	69	102	2.282	ug/l #	1
60) Dibromochloromethane	10.969	129	213	2.388	ug/l #	11
71) Bromoform	12.720	173	2477	2.867	ug/l #	29
76) 1,2,3-Trichloropropane	12.731	75	775094	23.292	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.731	75	775094	74.101	ug/l #	5
93) 1,2,4-Trichlorobenzene	15.257	180	1196	2.937	ug/l #	72
95) Naphthalene	15.504	128	11435	4.171	ug/l #	91
96) 1,2,3-Trichlorobenzene	15.702	180	1249	2.500	ug/l #	55

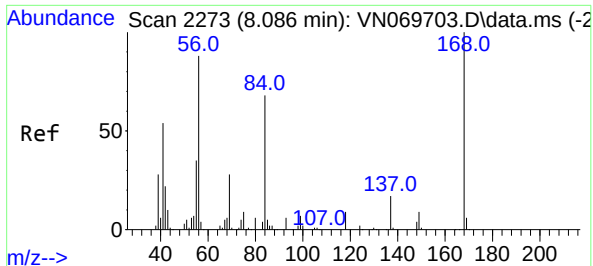
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
MSVOA_N
ClientSampleId :

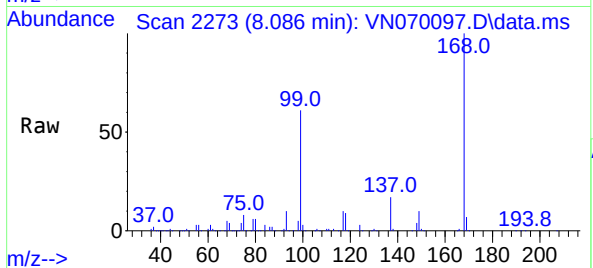
Quant Time: Dec 15 05:30:01 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 03 08:46:47 2021
Response via : Initial Calibration



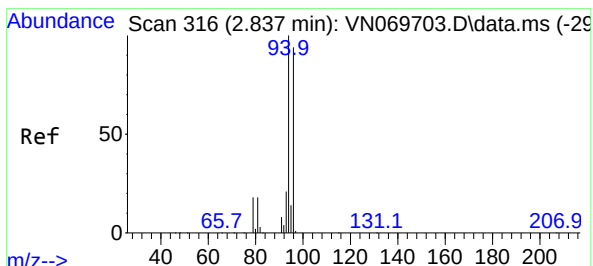
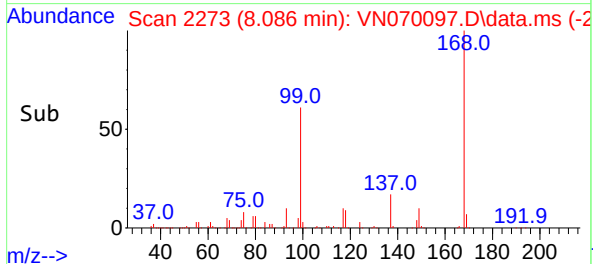
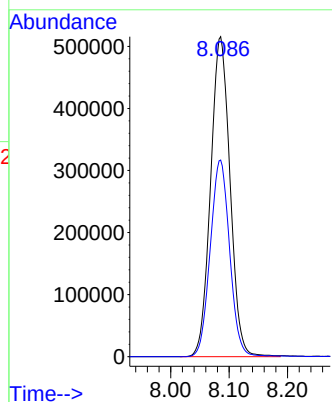


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN070097.D
Acq: 15 Dec 2021 2:54

Instrument :
MSVOA_N
ClientSampleId :

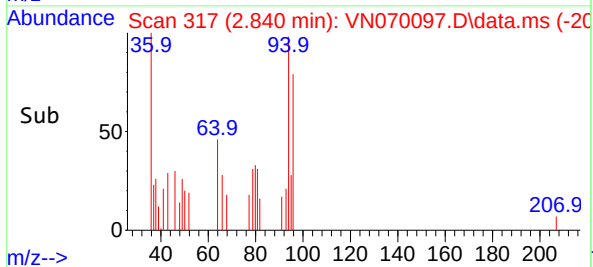
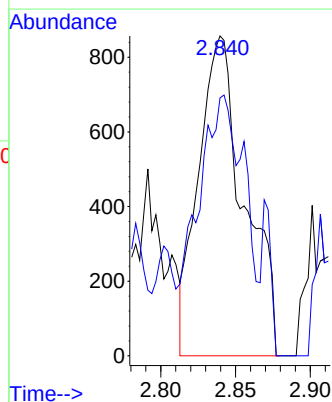
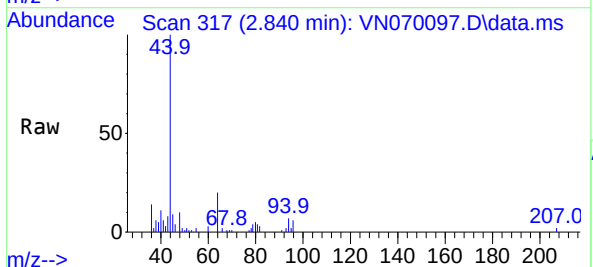


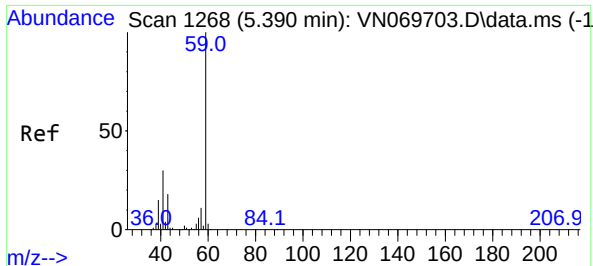
Tgt Ion:168 Resp: 1191756
Ion Ratio Lower Upper
168 100
99 61.5 41.3 61.9



#5
Bromomethane
Concen: 0.209 ug/l
RT: 2.840 min Scan# 317
Delta R.T. 0.003 min
Lab File: VN070097.D
Acq: 15 Dec 2021 2:54

Tgt Ion: 94 Resp: 1822
Ion Ratio Lower Upper
94 100
96 80.6 73.8 110.8

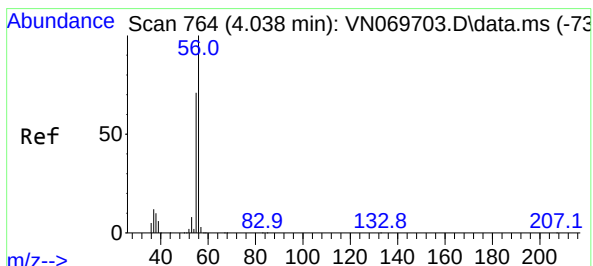
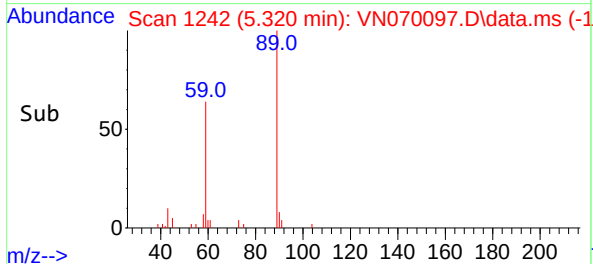
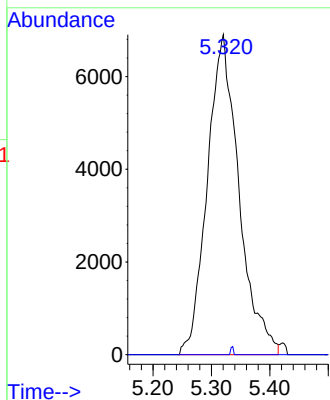
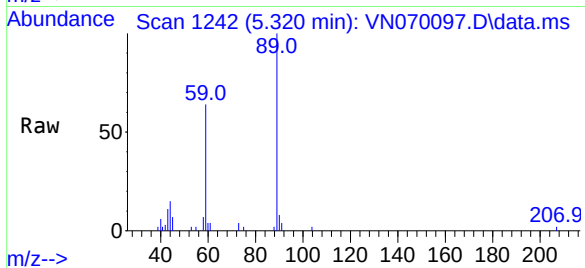




#11
Tert butyl alcohol
Concen: 7.469 ug/l
RT: 5.320 min Scan# 11
Delta R.T. -0.070 min
Lab File: VN070097.D
Acq: 15 Dec 2021 2:54

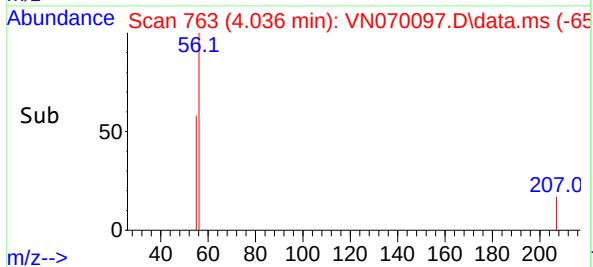
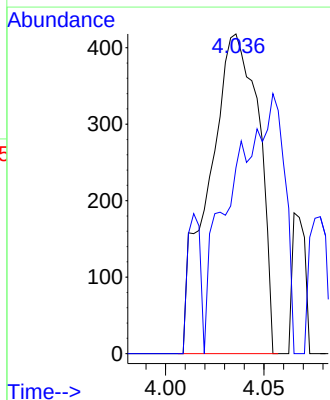
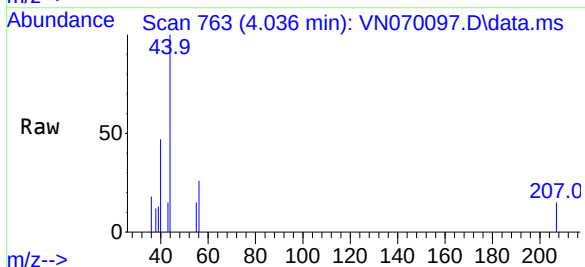
Instrument :
MSVOA_N
ClientSampleId :

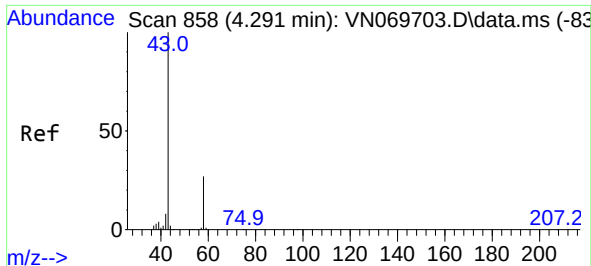
Tgt Ion: 59 Resp: 25977
Ion Ratio Lower Upper
59 100
57 0.2 8.7 13.1#



#13
Acrolein
Concen: 0.248 ug/l
RT: 4.036 min Scan# 763
Delta R.T. -0.003 min
Lab File: VN070097.D
Acq: 15 Dec 2021 2:54

Tgt Ion: 56 Resp: 735
Ion Ratio Lower Upper
56 100
55 0.0 56.6 85.0#

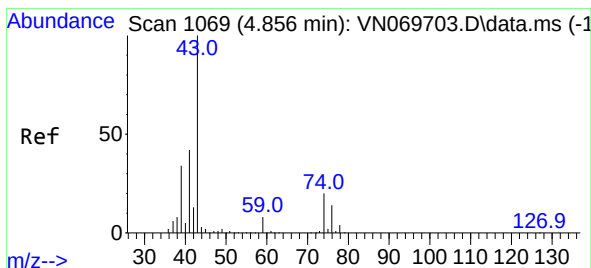
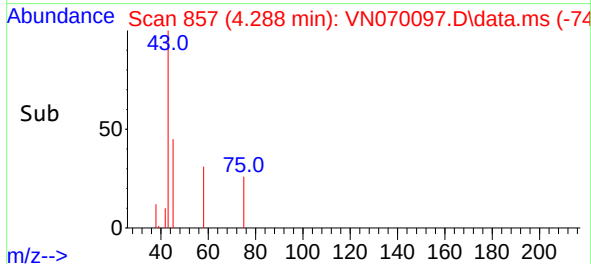
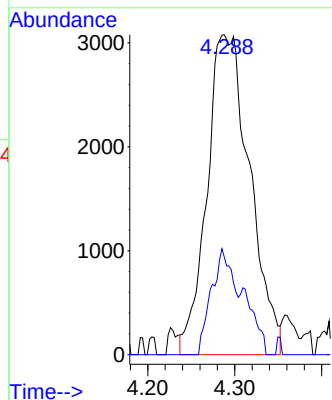
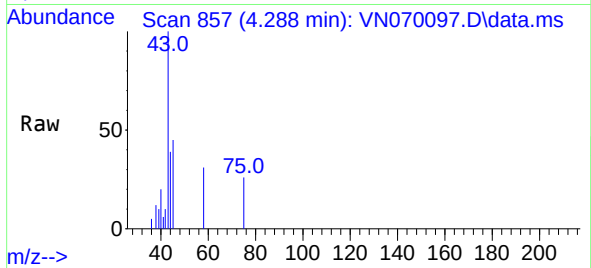




#16
Acetone
Concen: 0.951 ug/l
RT: 4.288 min Scan# 81
Delta R.T. -0.003 min
Lab File: VN070097.D
Acq: 15 Dec 2021 2:54

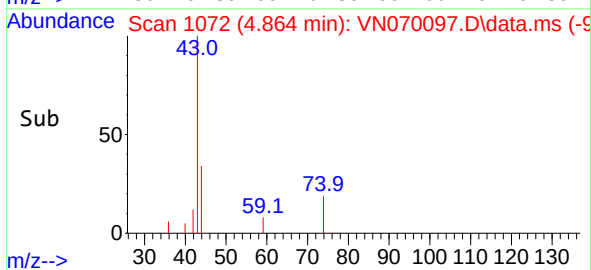
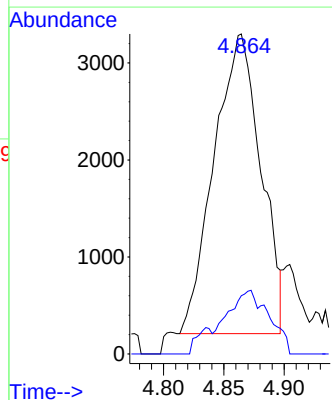
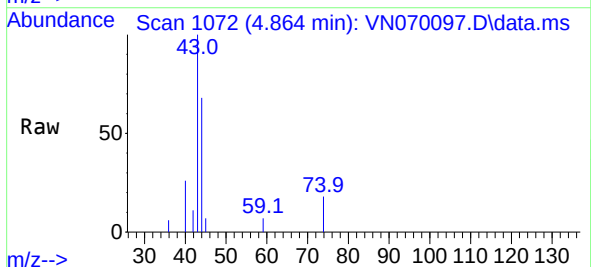
Instrument :
MSVOA_N
ClientSampleId :

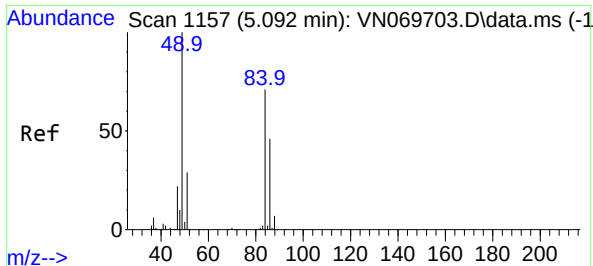
Tgt Ion: 43 Resp: 10525
Ion Ratio Lower Upper
43 100
58 32.6 23.1 34.7



#18
Methyl Acetate
Concen: 0.249 ug/l
RT: 4.864 min Scan# 1072
Delta R.T. 0.008 min
Lab File: VN070097.D
Acq: 15 Dec 2021 2:54

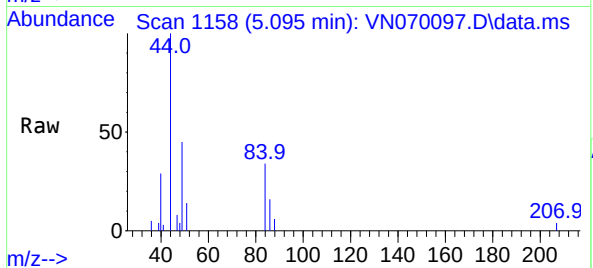
Tgt Ion: 43 Resp: 8326
Ion Ratio Lower Upper
43 100
74 19.0 19.4 29.2#



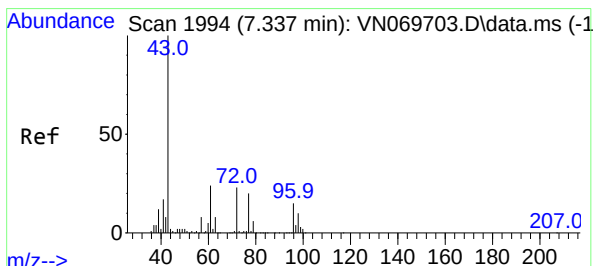
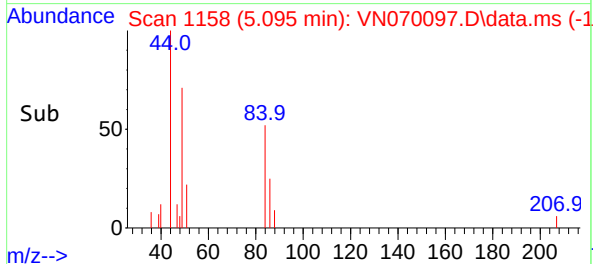
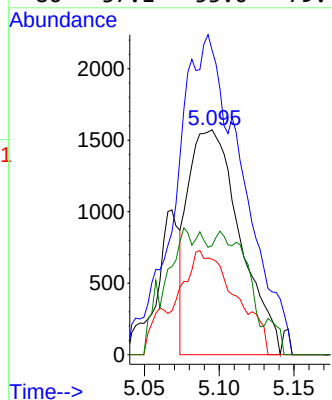


#20
Methylene Chloride
Concen: 0.257 ug/l
RT: 5.095 min Scan# 1157
Delta R.T. 0.003 min
Lab File: VN070097.D
Acq: 15 Dec 2021 2:54

Instrument :
MSVOA_N
ClientSampleId :

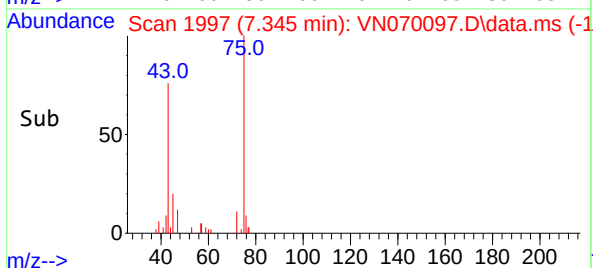
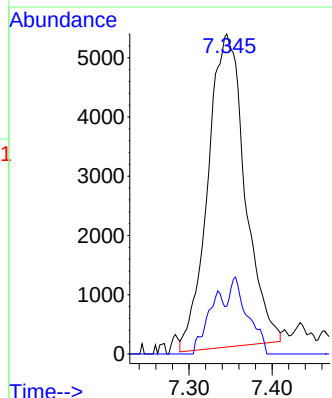
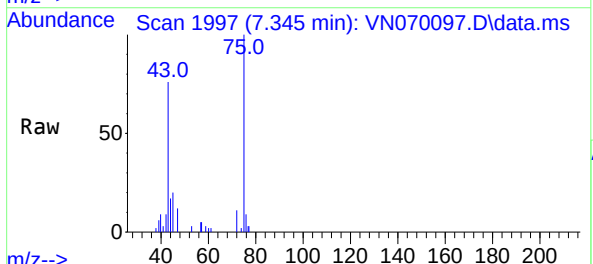


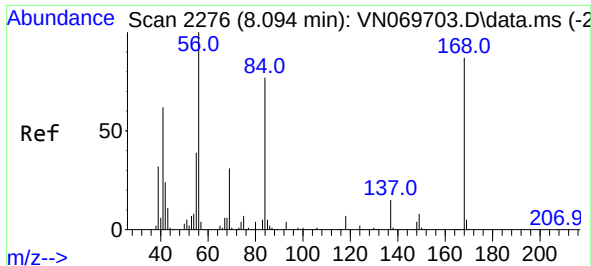
Tgt Ion: 84 Resp: 3786
Ion Ratio Lower Upper
84 100
49 110.7 93.5 140.3
51 42.5 29.4 44.2
86 37.1 53.0 79.4#



#25
2-Butanone
Concen: 1.091 ug/l
RT: 7.345 min Scan# 1997
Delta R.T. 0.008 min
Lab File: VN070097.D
Acq: 15 Dec 2021 2:54

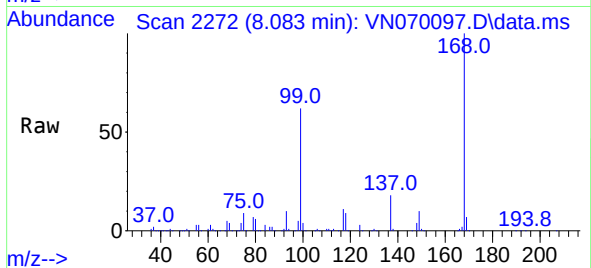
Tgt Ion: 43 Resp: 16405
Ion Ratio Lower Upper
43 100
72 15.5 21.7 32.5#



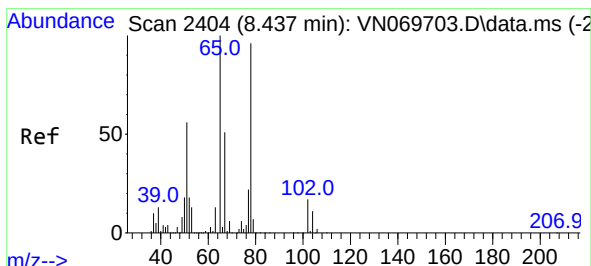
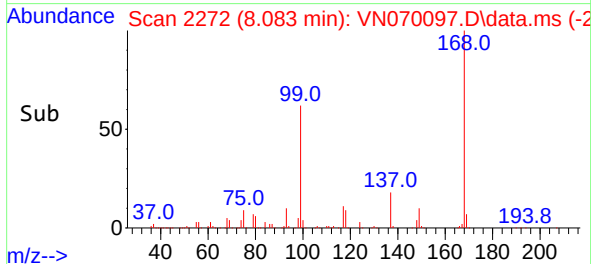
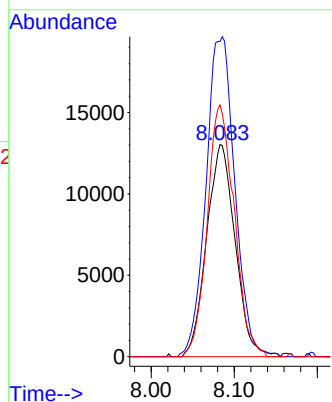


#31
Cyclohexane
Concen: 1.215 ug/l
RT: 8.083 min Scan# 2115
Delta R.T. -0.011 min
Lab File: VN070097.D
Acq: 15 Dec 2021 2:54

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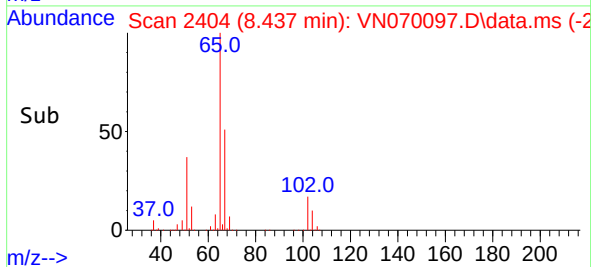
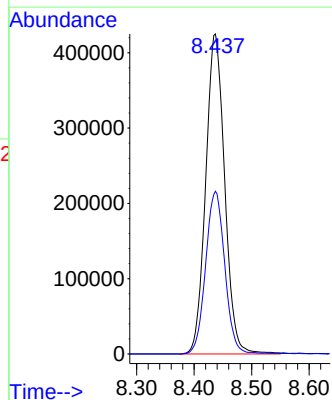
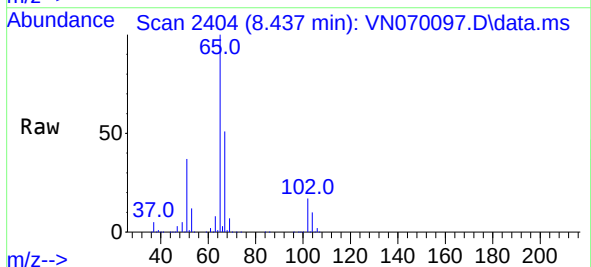


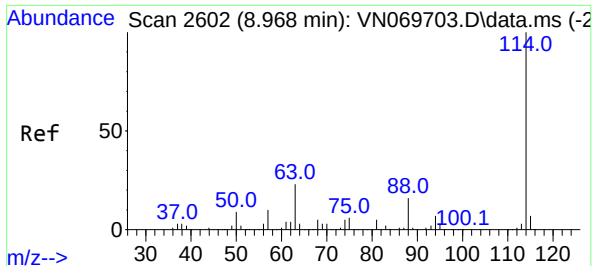
Tgt Ion: 56 Resp: 31115
Ion Ratio Lower Upper
56 100
69 148.6 27.1 40.7#
84 118.6 73.4 110.0#



#33
1,2-Dichloroethane-d4
Concen: 53.057 ug/l
RT: 8.437 min Scan# 2404
Delta R.T. 0.000 min
Lab File: VN070097.D
Acq: 15 Dec 2021 2:54

Tgt Ion: 65 Resp: 976286
Ion Ratio Lower Upper
65 100
67 51.2 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.965 min Scan# 2

Delta R.T. -0.003 min

Lab File: VN070097.D

Acq: 15 Dec 2021 2:54

Instrument :

MSVOA_N

ClientSampleId :

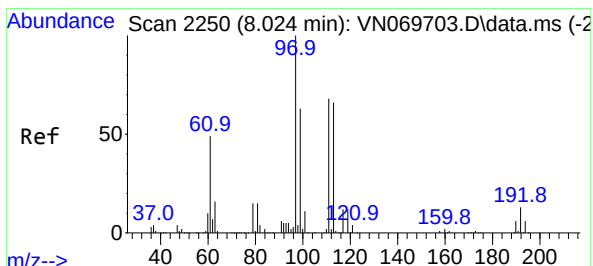
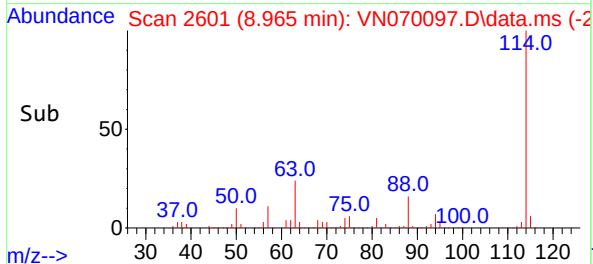
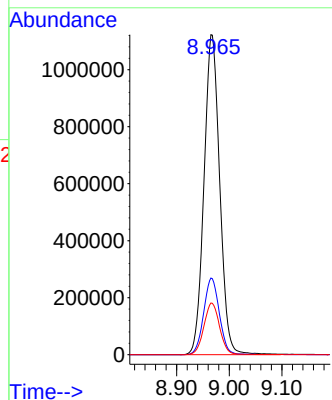
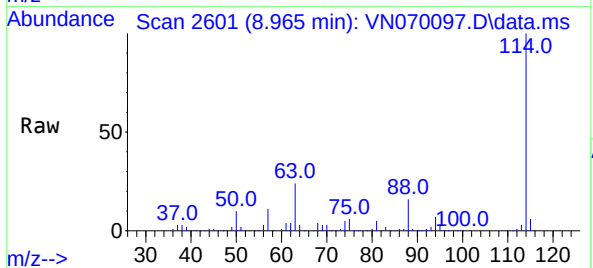
Tgt Ion:114 Resp: 2328292

Ion Ratio Lower Upper

114 100

63 24.0 0.0 37.8

88 16.1 0.0 27.4



#35

Dibromofluoromethane

Concen: 46.170 ug/l

RT: 8.021 min Scan# 2249

Delta R.T. -0.003 min

Lab File: VN070097.D

Acq: 15 Dec 2021 2:54

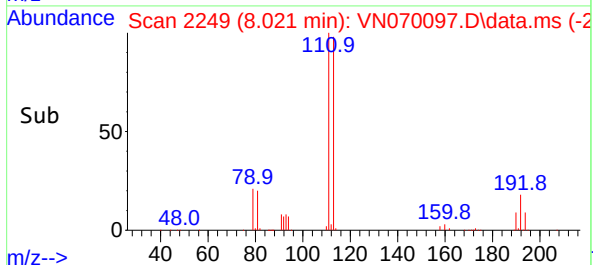
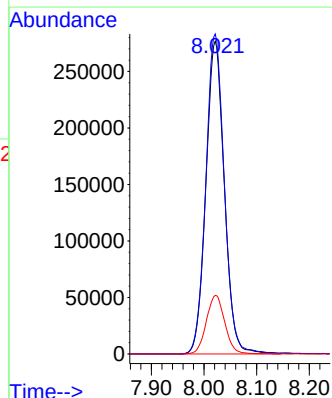
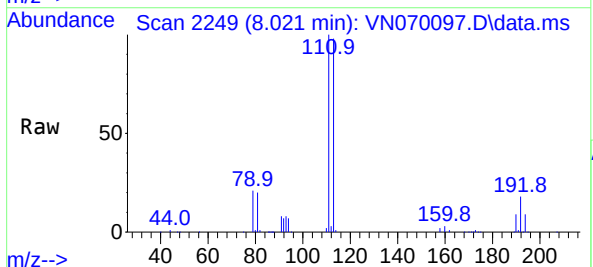
Tgt Ion:113 Resp: 673338

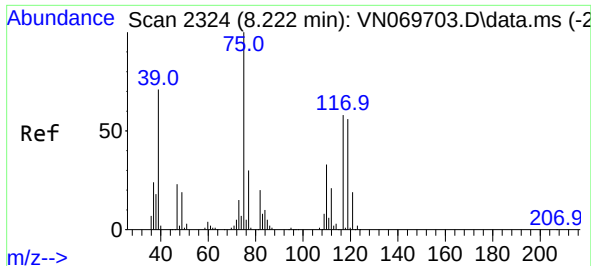
Ion Ratio Lower Upper

113 100

111 102.9 82.2 123.2

192 18.7 16.9 25.3





#36

1,1-Dichloropropene

Concen: 4.627 ug/l

RT: 8.083 min Scan# 21

Delta R.T. -0.139 min

Lab File: VN070097.D

Acq: 15 Dec 2021 2:54

Instrument :

MSVOA_N

ClientSampleId :

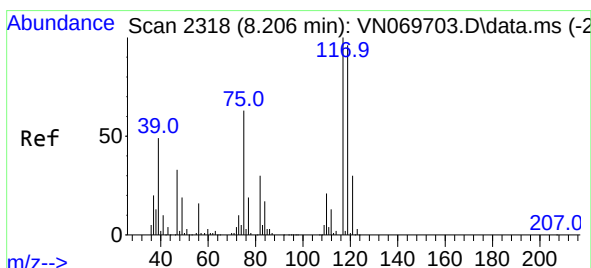
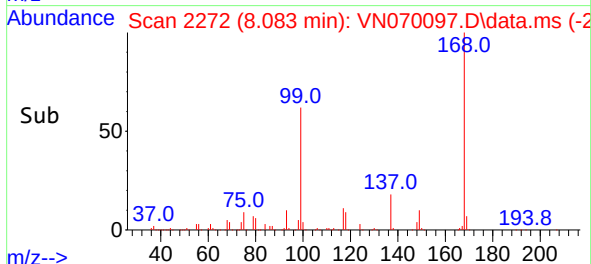
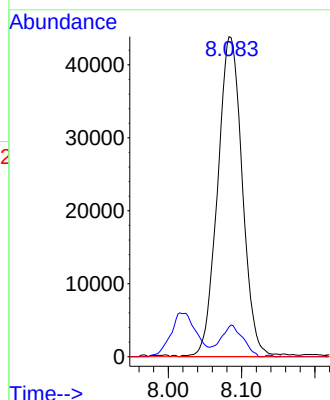
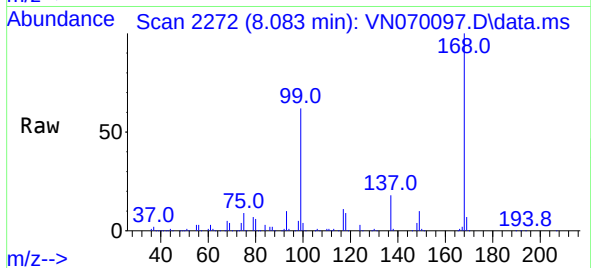
Tgt Ion: 75 Resp: 102563

Ion Ratio Lower Upper

75 100

110 8.6 18.4 55.2#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 5.649 ug/l

RT: 8.083 min Scan# 2272

Delta R.T. -0.123 min

Lab File: VN070097.D

Acq: 15 Dec 2021 2:54

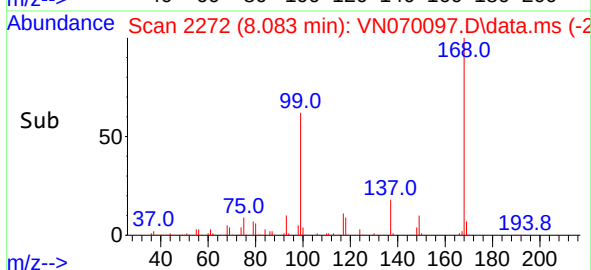
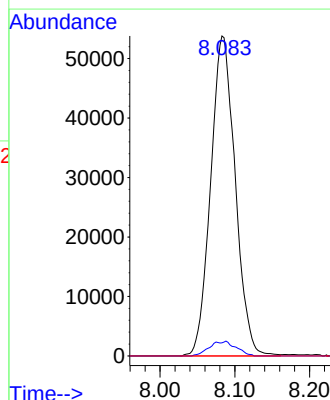
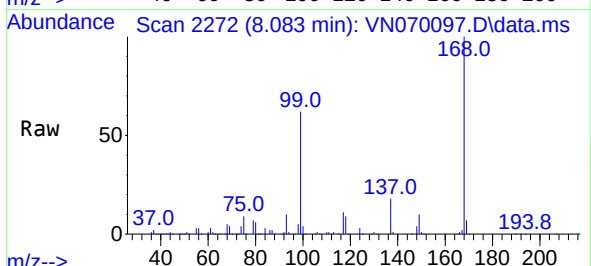
Tgt Ion: 117 Resp: 122781

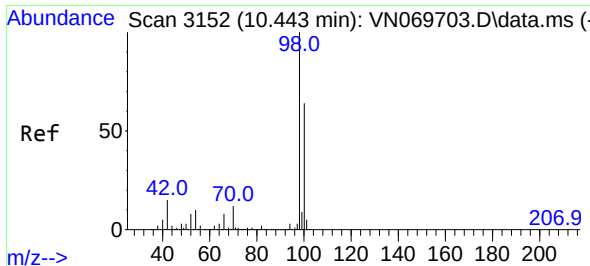
Ion Ratio Lower Upper

117 100

119 4.1 76.1 114.1#

121 0.0 24.2 36.2#

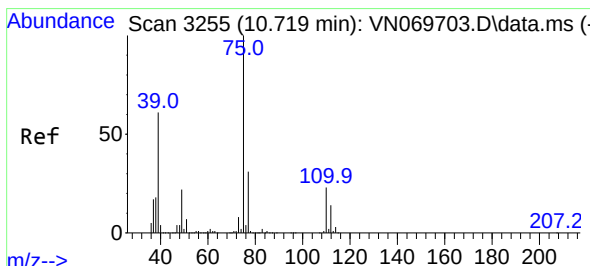
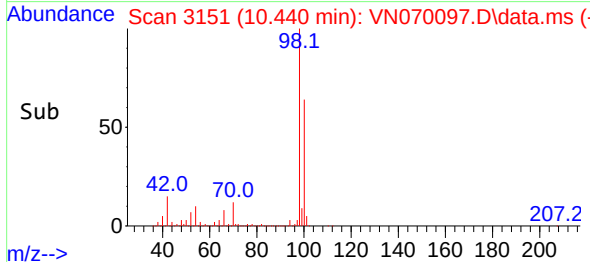
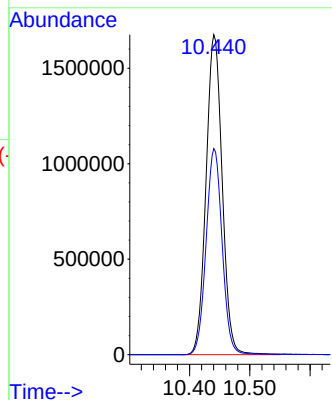
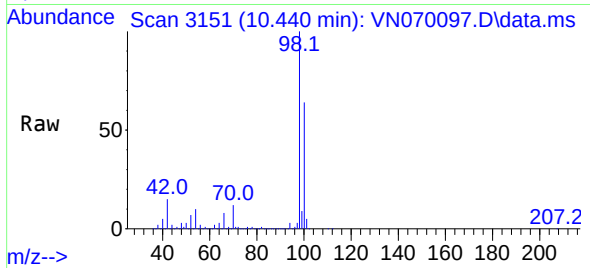




#50
Toluene-d8
Concen: 53.234 ug/l
RT: 10.440 min Scan# 3152
Delta R.T. -0.003 min
Lab File: VN070097.D
Acq: 15 Dec 2021 2:54

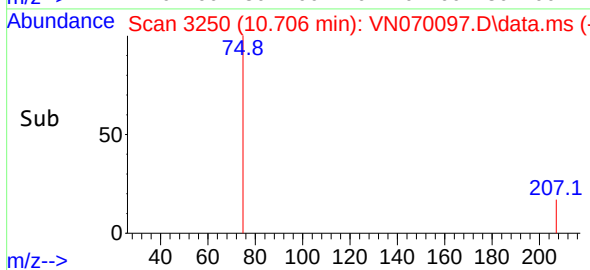
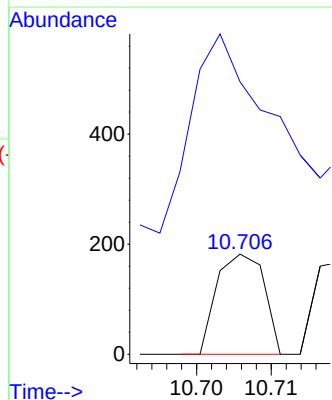
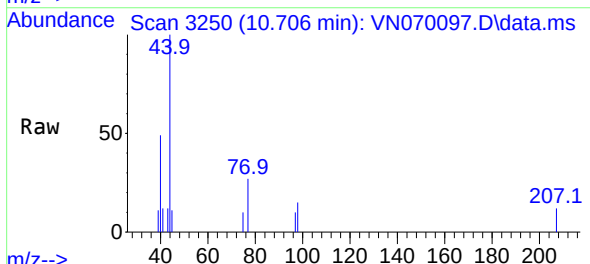
Instrument :
MSVOA_N
ClientSampleId :

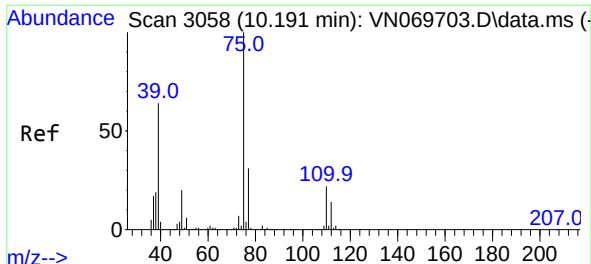
Tgt Ion: 98 Resp: 3117323
Ion Ratio Lower Upper
98 100
100 63.8 50.4 75.6



#53
t-1,3-Dichloropropene
Concen: 2.797 ug/l
RT: 10.706 min Scan# 3250
Delta R.T. -0.013 min
Lab File: VN070097.D
Acq: 15 Dec 2021 2:54

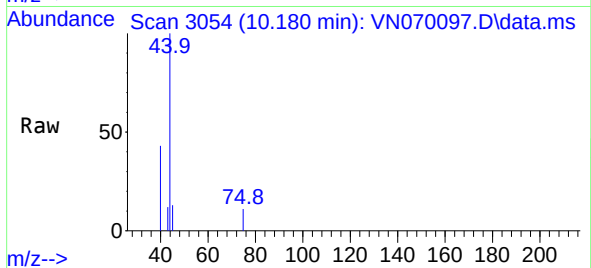
Tgt Ion: 75 Resp: 80
Ion Ratio Lower Upper
75 100
77 90.1 25.6 38.4#



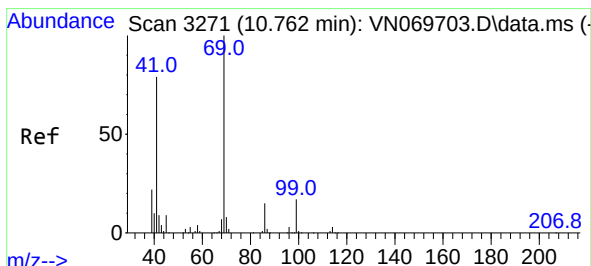
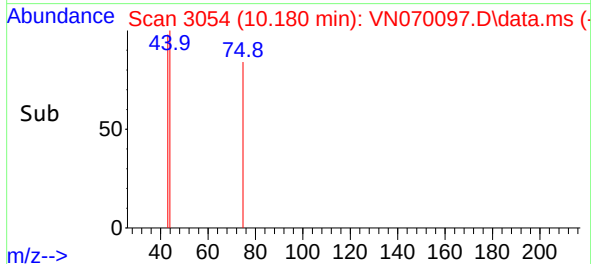
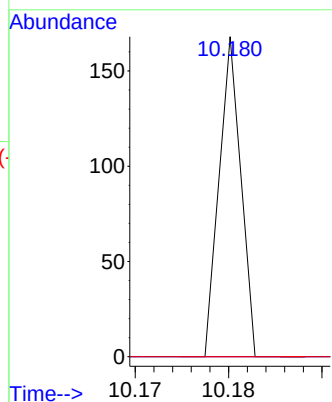


#54
cis-1,3-Dichloropropene
Concen: 2.000 ug/l
RT: 10.180 min Scan# 3058
Delta R.T. -0.011 min
Lab File: VN070097.D
Acq: 15 Dec 2021 2:54

Instrument :
MSVOA_N
ClientSampleId :

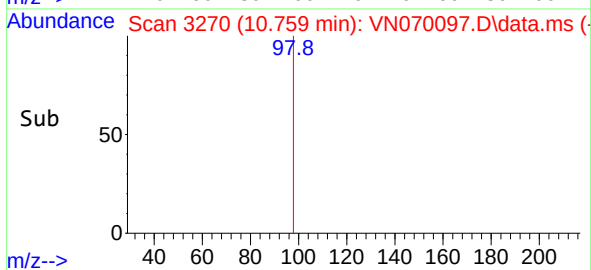
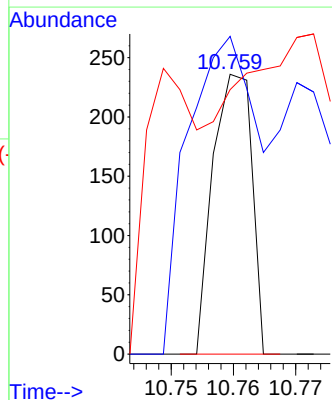
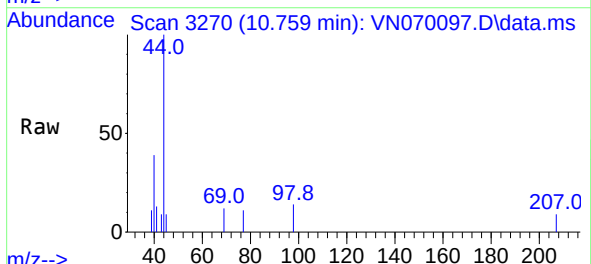


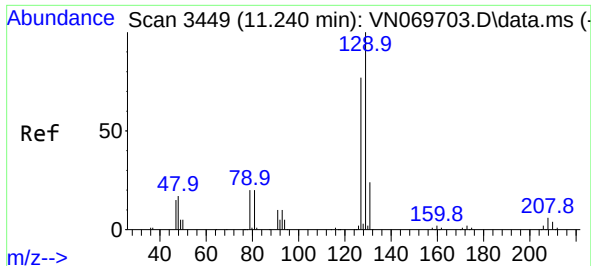
Tgt Ion: 75 Resp: 27
Ion Ratio Lower Upper
75 100
77 0.0 26.4 39.6#
39 0.0 42.5 63.7#



#56
Ethyl methacrylate
Concen: 2.282 ug/l
RT: 10.759 min Scan# 3270
Delta R.T. -0.003 min
Lab File: VN070097.D
Acq: 15 Dec 2021 2:54

Tgt Ion: 69 Resp: 102
Ion Ratio Lower Upper
69 100
41 202.9 51.4 77.0#
39 132.4 34.6 52.0#

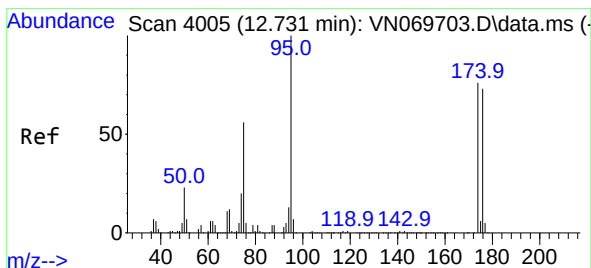
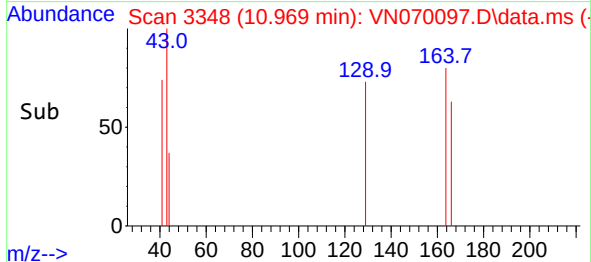
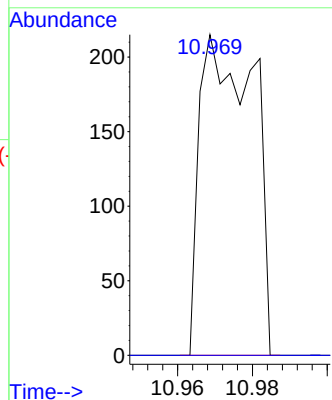
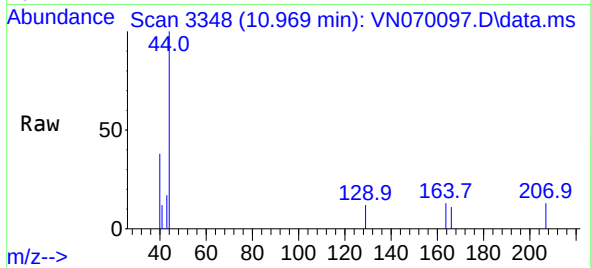




#60
Dibromochloromethane
Concen: 2.388 ug/l
RT: 10.969 min Scan# 31
Delta R.T. -0.271 min
Lab File: VN070097.D
Acq: 15 Dec 2021 2:54

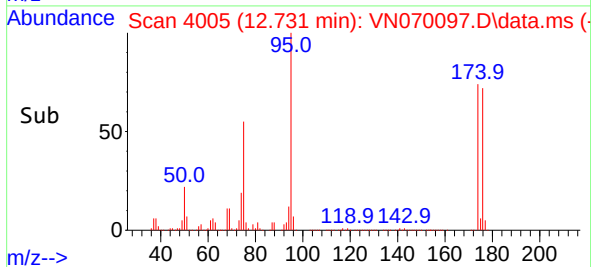
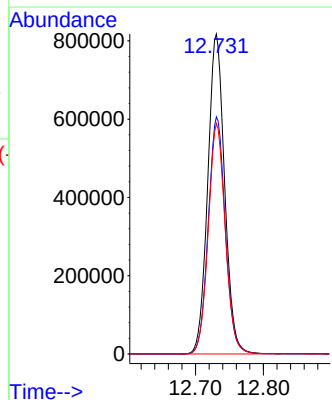
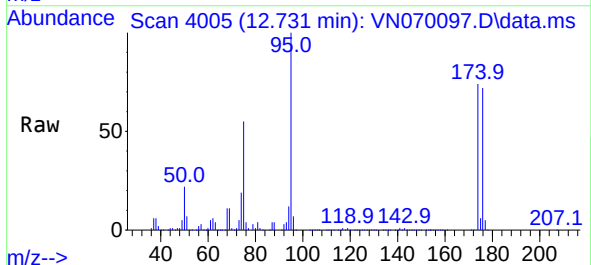
Instrument :
MSVOA_N
ClientSampleId :

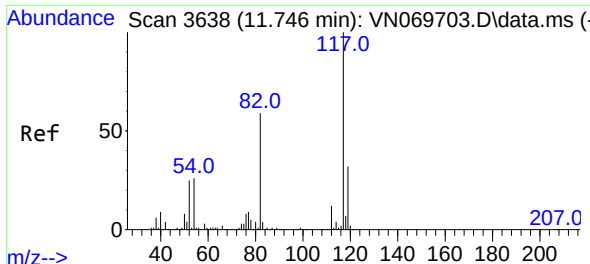
Tgt Ion:129 Resp: 213
Ion Ratio Lower Upper
129 100
127 0.0 38.6 116.0#



#62
4-Bromofluorobenzene
Concen: 66.412 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070097.D
Acq: 15 Dec 2021 2:54

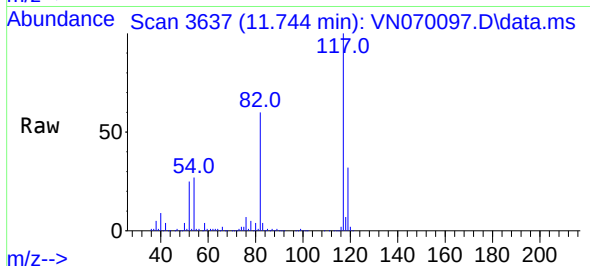
Tgt Ion: 95 Resp: 1408907
Ion Ratio Lower Upper
95 100
174 75.0 0.0 187.2
176 72.3 0.0 181.4



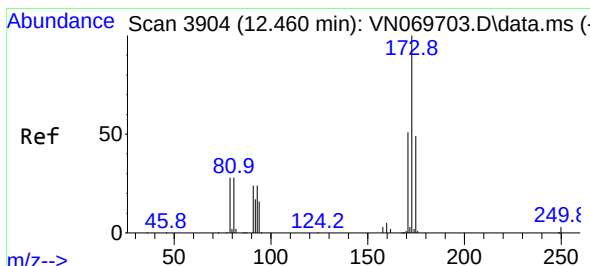
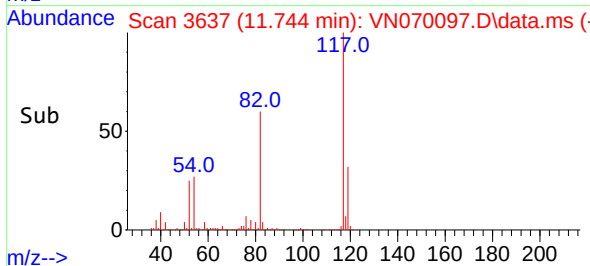
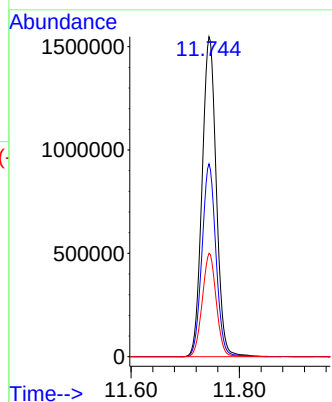


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 30
Delta R.T. -0.002 min
Lab File: VN070097.D
Acq: 15 Dec 2021 2:54

Instrument :
MSVOA_N
ClientSampleId :

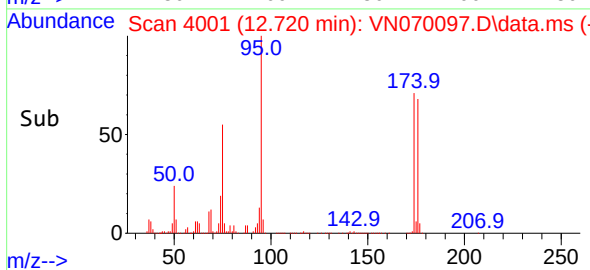
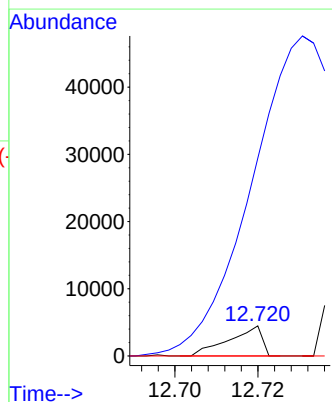
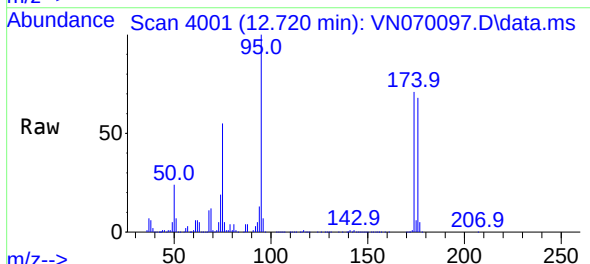


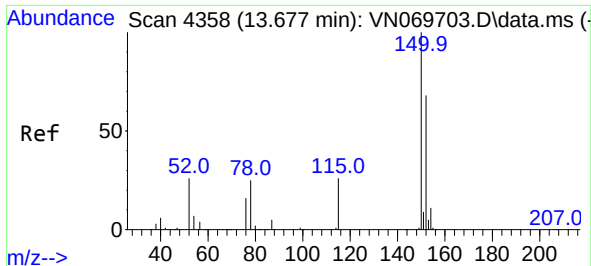
Tgt Ion:117 Resp: 2815067
Ion Ratio Lower Upper
117 100
82 60.2 42.4 63.6
119 32.3 25.4 38.2



#71
Bromoform
Concen: 2.867 ug/l
RT: 12.720 min Scan# 4001
Delta R.T. 0.260 min
Lab File: VN070097.D
Acq: 15 Dec 2021 2:54

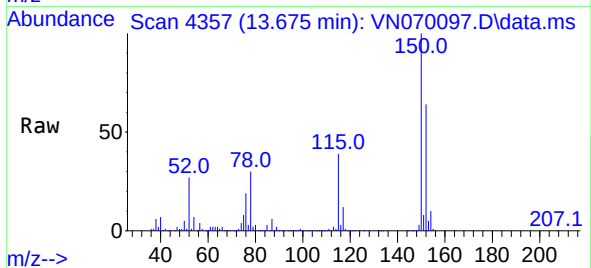
Tgt Ion:173 Resp: 2477
Ion Ratio Lower Upper
173 100
175 0.0 24.2 72.6#
254 0.0 0.0 0.0



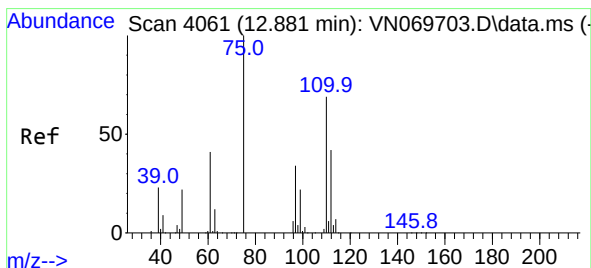
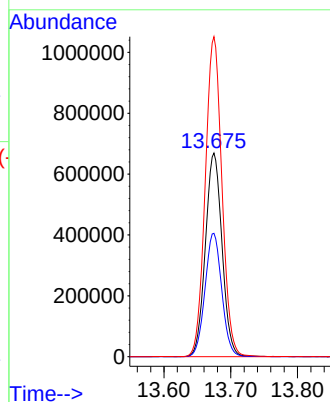
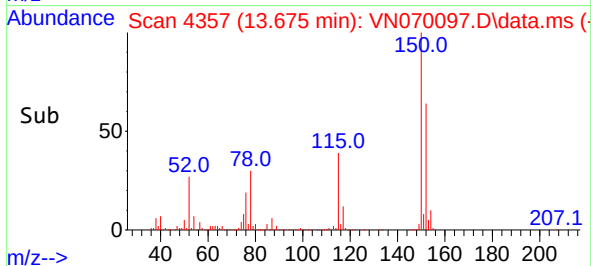


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 41
Delta R.T. -0.003 min
Lab File: VN070097.D
Acq: 15 Dec 2021 2:54

Instrument :
MSVOA_N
ClientSampleId :

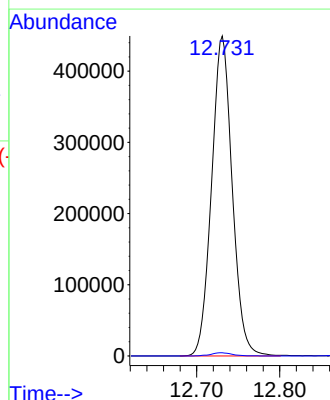
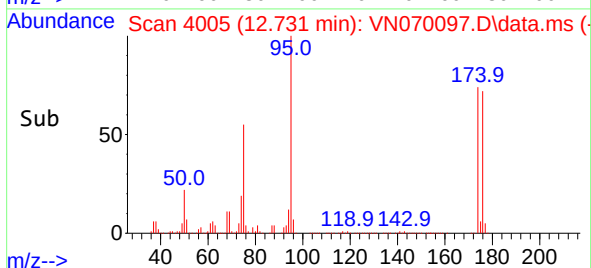
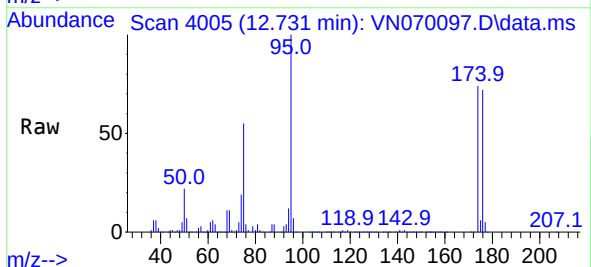


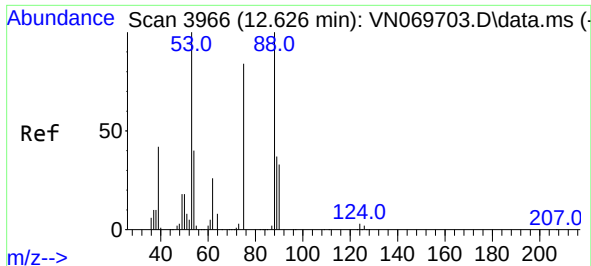
Tgt Ion:152 Resp: 1160393
Ion Ratio Lower Upper
152 100
115 60.9 27.5 82.5
150 157.0 0.0 344.4



#76
1,2,3-Trichloropropane
Concen: 23.292 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.150 min
Lab File: VN070097.D
Acq: 15 Dec 2021 2:54

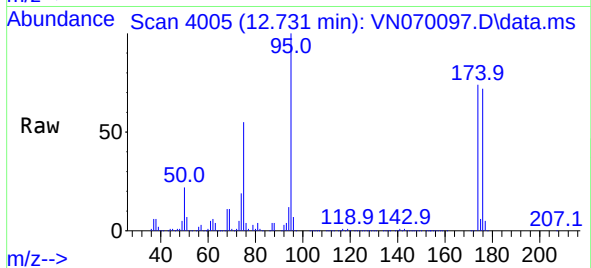
Tgt Ion: 75 Resp: 775094
Ion Ratio Lower Upper
75 100
77 1.0 82.6 247.8#



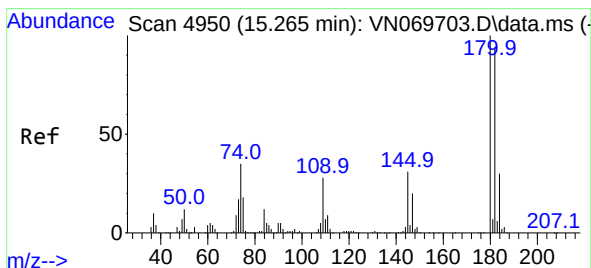
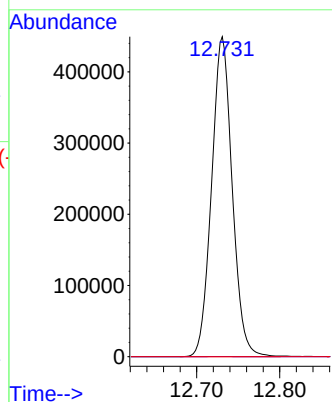
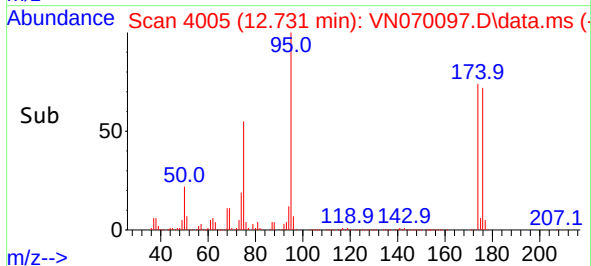


#81
trans-1,4-Dichloro-2-butene
Concen: 74.101 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. 0.105 min
Lab File: VN070097.D
Acq: 15 Dec 2021 2:54

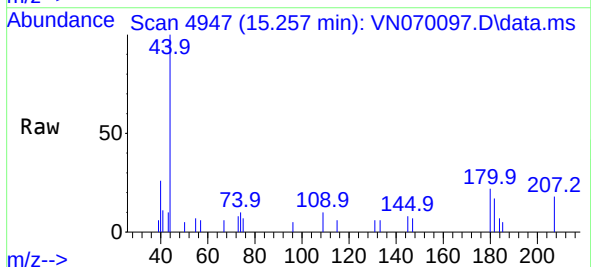
Instrument :
MSVOA_N
ClientSampleId :



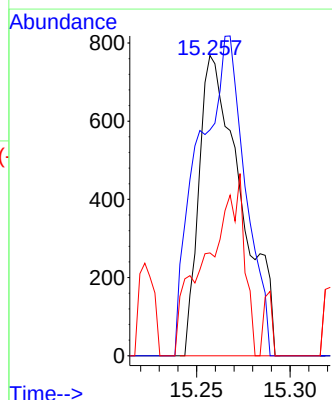
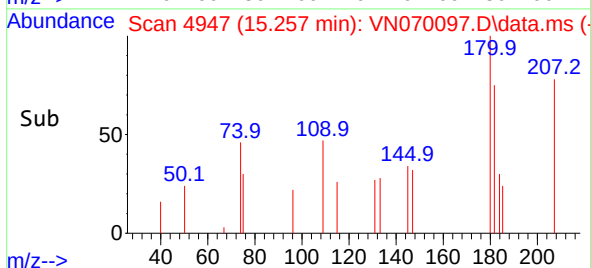
Tgt Ion: 75 Resp: 775094
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 38.2 57.4#

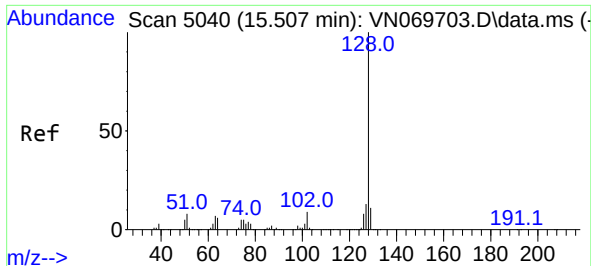


#93
1,2,4-Trichlorobenzene
Concen: 2.937 ug/l
RT: 15.257 min Scan# 4947
Delta R.T. -0.008 min
Lab File: VN070097.D
Acq: 15 Dec 2021 2:54



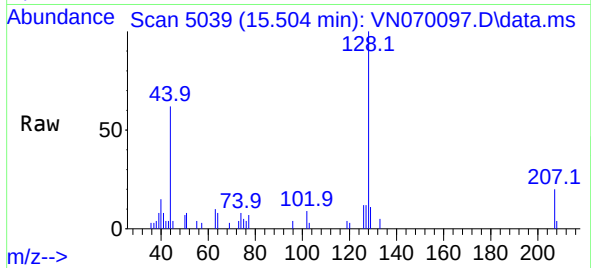
Tgt Ion: 180 Resp: 1196
Ion Ratio Lower Upper
180 100
182 119.2 48.3 144.9
145 53.8 14.5 43.5#



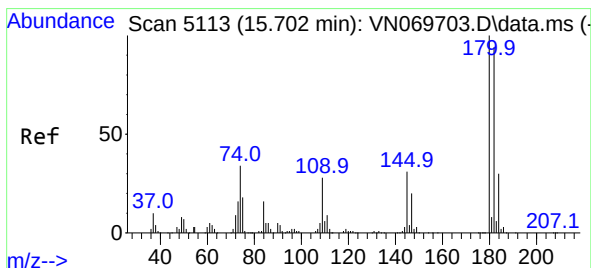
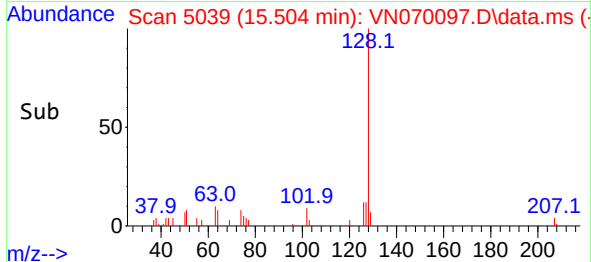
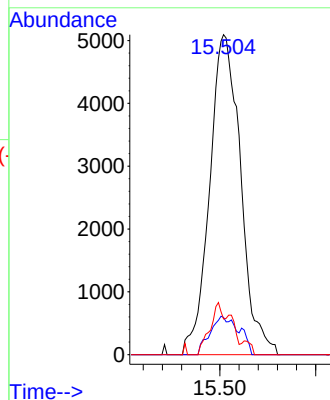


#95
Naphthalene
Concen: 4.171 ug/l
RT: 15.504 min Scan# 5040
Delta R.T. -0.003 min
Lab File: VN070097.D
Acq: 15 Dec 2021 2:54

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:128 Resp: 11435
Ion Ratio Lower Upper
128 100
127 9.5 10.5 15.7#
129 7.6 8.7 13.1#



#96
1,2,3-Trichlorobenzene
Concen: 2.500 ug/l
RT: 15.702 min Scan# 5113
Delta R.T. 0.000 min
Lab File: VN070097.D
Acq: 15 Dec 2021 2:54

Tgt Ion:180 Resp: 1249
Ion Ratio Lower Upper
180 100
182 37.3 47.4 142.2#
145 29.9 15.0 45.1

