

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121421\
 Data File : VN070072.D
 Acq On : 14 Dec 2021 15:35
 Operator : JC/MD
 Sample : M5029-03
 Misc : 4.05g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 15 05:18:05 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)

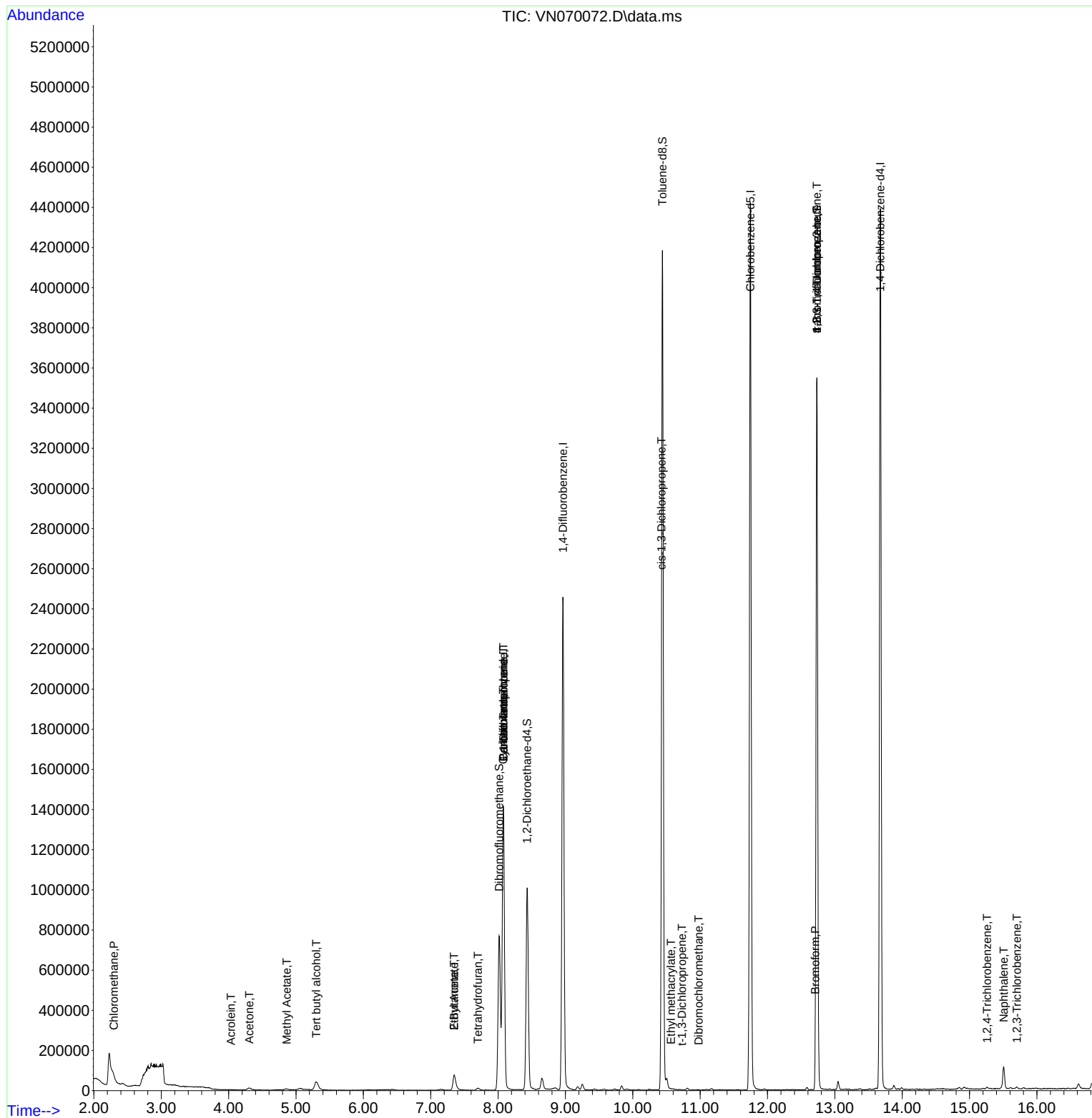
Internal Standards						
1) Pentafluorobenzene	8.078	168	1070394	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	2069191	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	2403622	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	1125703	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.432	65	875040	52.946	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 105.900%	
35) Dibromofluoromethane	8.016	113	562659	43.412	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 86.820%	
50) Toluene-d8	10.440	98	2827189	54.325	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 108.640%	
62) 4-Bromofluorobenzene	12.733	95	1214235	64.402	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 128.800%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.295	50	4235	0.271	ug/l #	76
11) Tert butyl alcohol	5.302	59	43152	13.813	ug/l #	72
13) Acrolein	4.036	56	570	0.214	ug/l #	78
16) Acetone	4.307	43	17865	1.797	ug/l	99
18) Methyl Acetate	4.862	43	11821	0.394	ug/l #	81
25) 2-Butanone	7.348	43	146215	10.824	ug/l #	89
29) Tetrahydrofuran	7.699	42	8872	1.082	ug/l #	80
31) Cyclohexane	8.075	56	27117	1.179	ug/l #	14
36) 1,1-Dichloropropene	8.078	75	91588	4.650	ug/l #	49
37) Ethyl Acetate	7.348	43	146215	4.987	ug/l #	68
38) Carbon Tetrachloride	8.078	117	108400	5.612	ug/l #	16
53) t-1,3-Dichloropropene	10.730	75	49	2.796	ug/l #	39
54) cis-1,3-Dichloropropene	10.427	75	278	2.009	ug/l #	1
56) Ethyl methacrylate	10.566	69	152	2.284	ug/l #	24
60) Dibromochloromethane	10.979	129	98	2.382	ug/l #	11
71) Bromoform	12.707	173	181	2.743	ug/l #	29
76) 1,2,3-Trichloropropane	12.733	75	671816	20.810	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.733	75	671816	66.639	ug/l #	5
93) 1,2,4-Trichlorobenzene	15.263	180	1639	2.962	ug/l #	79
95) Naphthalene	15.507	128	101849	5.689	ug/l	100
96) 1,2,3-Trichlorobenzene	15.702	180	1633	2.522	ug/l #	79

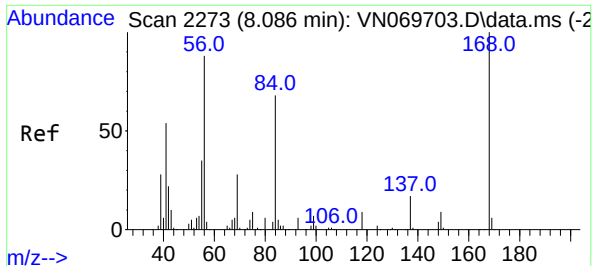
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :

Quant Time: Dec 15 05:18:05 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

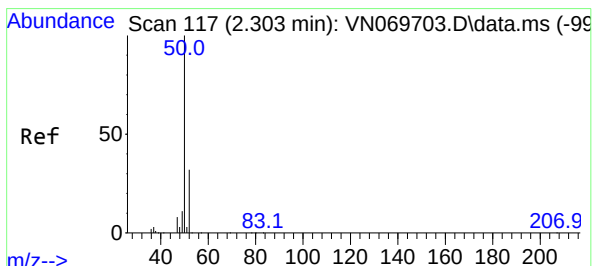
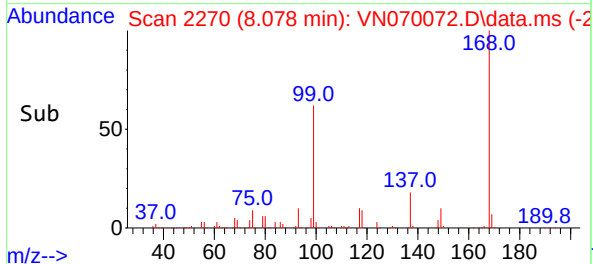
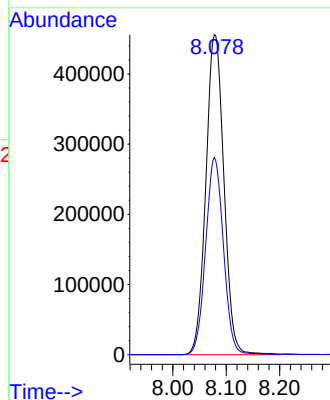
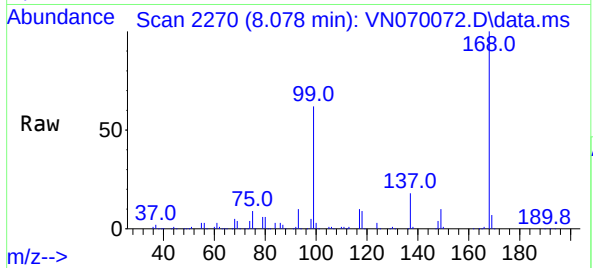




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.078 min Scan# 21
Delta R.T. -0.008 min
Lab File: VN070072.D
Acq: 14 Dec 2021 15:35

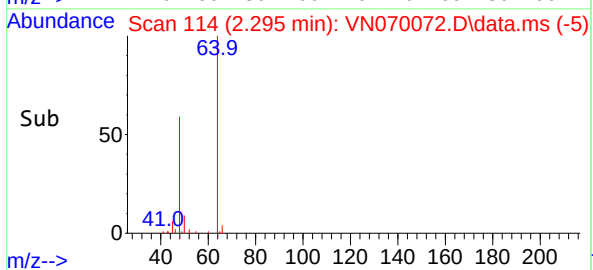
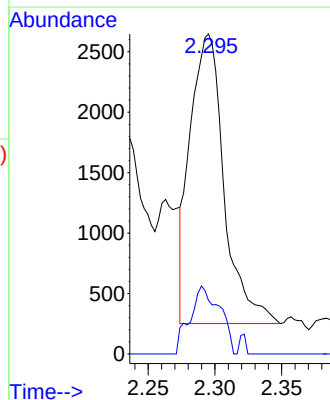
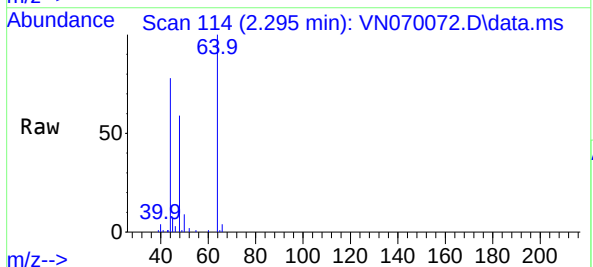
Instrument :
MSVOA_N
ClientSampleId :

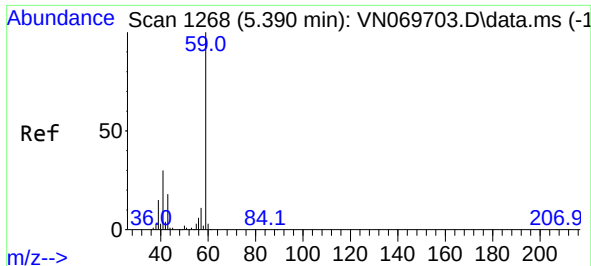
Tgt Ion:168 Resp: 1070394
Ion Ratio Lower Upper
168 100
99 61.6 41.3 61.9



#3
Chloromethane
Concen: 0.271 ug/l
RT: 2.295 min Scan# 114
Delta R.T. -0.008 min
Lab File: VN070072.D
Acq: 14 Dec 2021 15:35

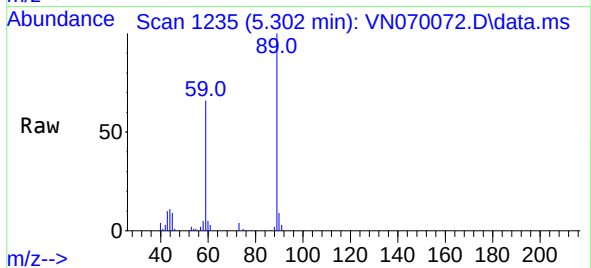
Tgt Ion: 50 Resp: 4235
Ion Ratio Lower Upper
50 100
52 18.5 25.4 38.0#



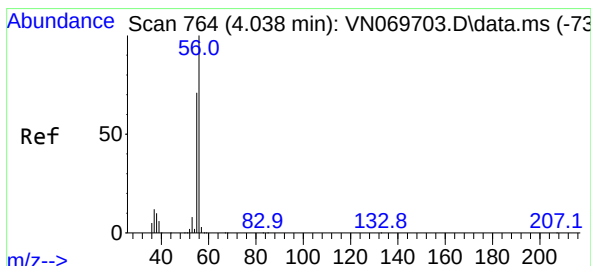
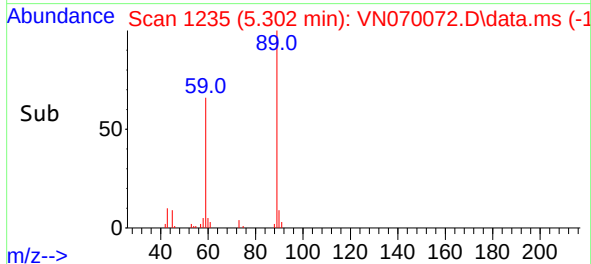
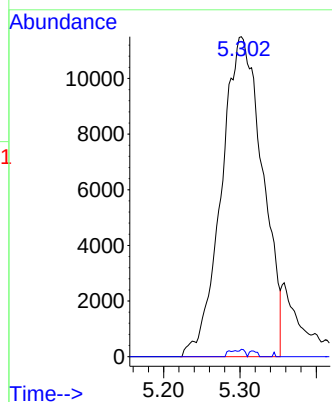


#11
Tert butyl alcohol
Concen: 13.813 ug/l
RT: 5.302 min Scan# 11
Delta R.T. -0.088 min
Lab File: VN070072.D
Acq: 14 Dec 2021 15:35

Instrument :
MSVOA_N
ClientSampleId :

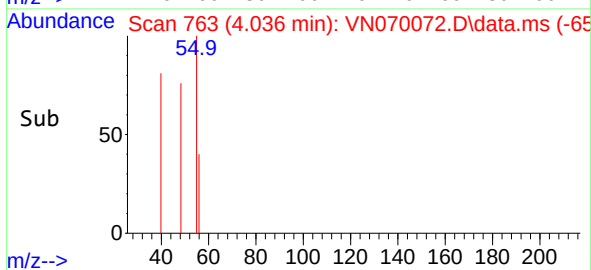
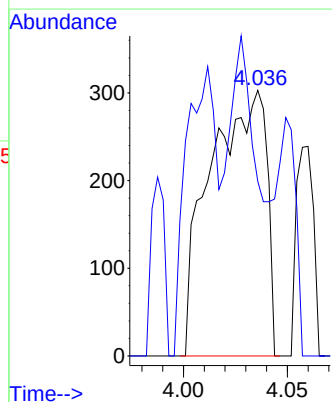
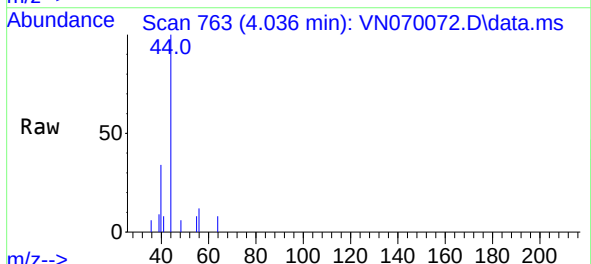


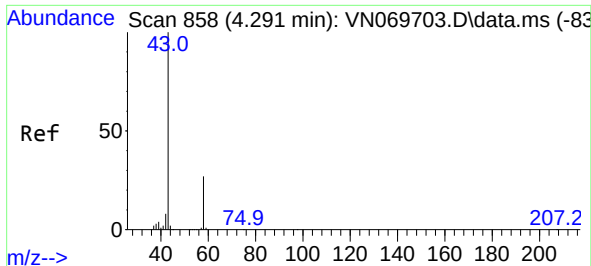
Tgt Ion: 59 Resp: 43152
Ion Ratio Lower Upper
59 100
57 0.3 8.7 13.1#



#13
Acrolein
Concen: 0.214 ug/l
RT: 4.036 min Scan# 763
Delta R.T. -0.003 min
Lab File: VN070072.D
Acq: 14 Dec 2021 15:35

Tgt Ion: 56 Resp: 570
Ion Ratio Lower Upper
56 100
55 52.8 56.6 85.0#

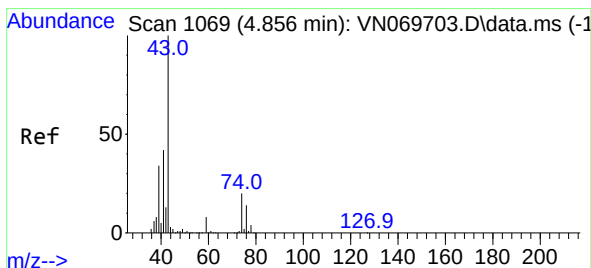
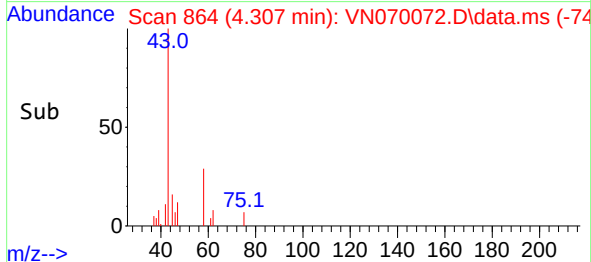
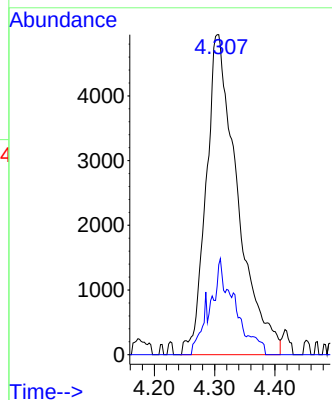
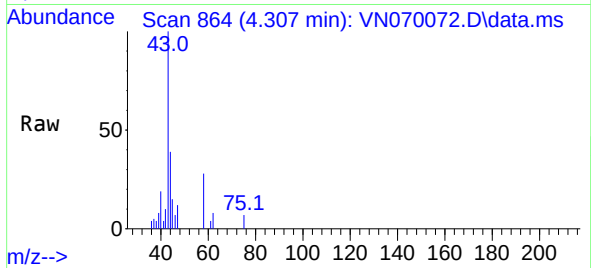




#16
Acetone
Concen: 1.797 ug/l
RT: 4.307 min Scan# 80
Delta R.T. 0.016 min
Lab File: VN070072.D
Acq: 14 Dec 2021 15:35

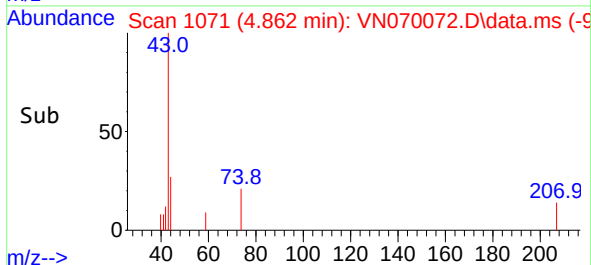
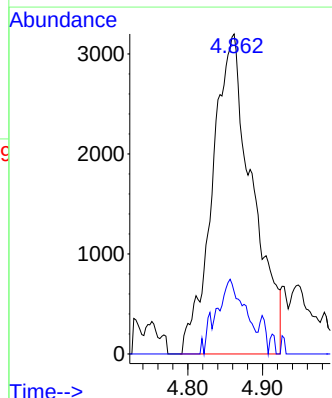
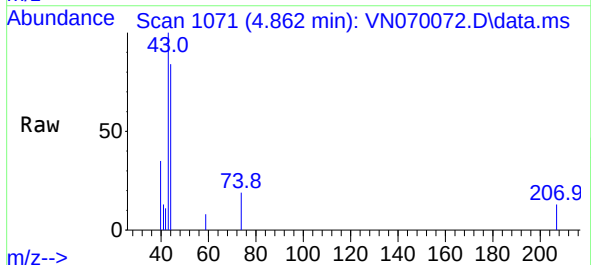
Instrument :
MSVOA_N
ClientSampleId :

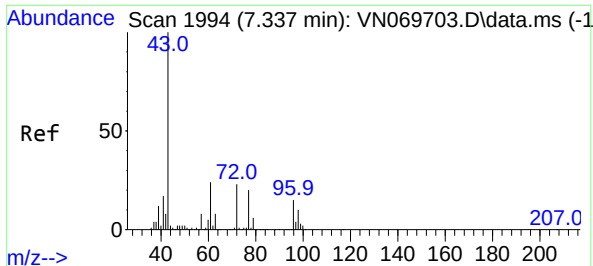
Tgt Ion: 43 Resp: 17865
Ion Ratio Lower Upper
43 100
58 28.1 23.1 34.7



#18
Methyl Acetate
Concen: 0.394 ug/l
RT: 4.862 min Scan# 1071
Delta R.T. 0.005 min
Lab File: VN070072.D
Acq: 14 Dec 2021 15:35

Tgt Ion: 43 Resp: 11821
Ion Ratio Lower Upper
43 100
74 14.7 19.4 29.2#

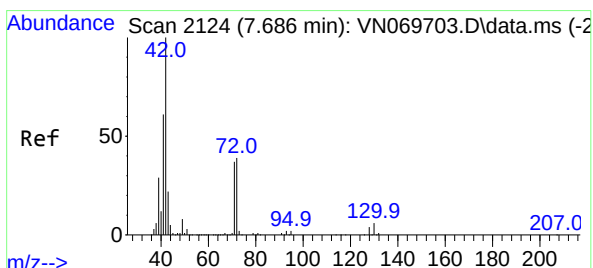
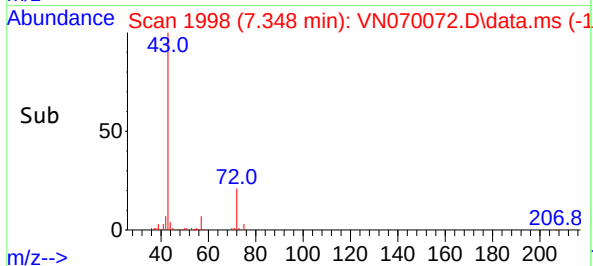
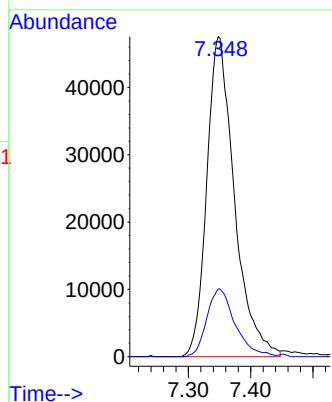
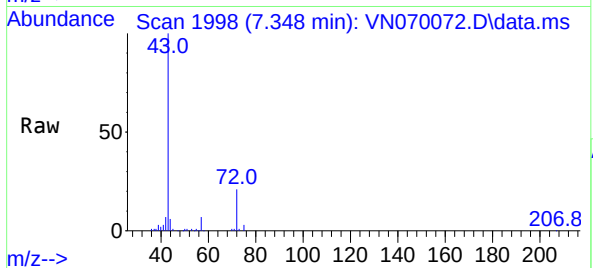




#25
2-Butanone
Concen: 10.824 ug/l
RT: 7.348 min Scan# 1998
Delta R.T. 0.011 min
Lab File: VN070072.D
Acq: 14 Dec 2021 15:35

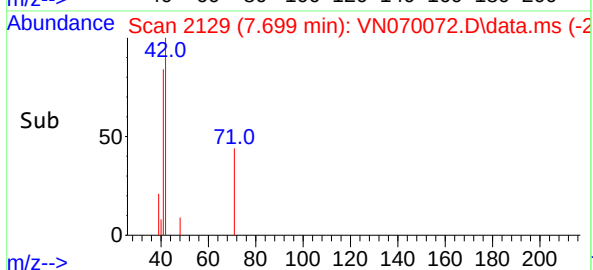
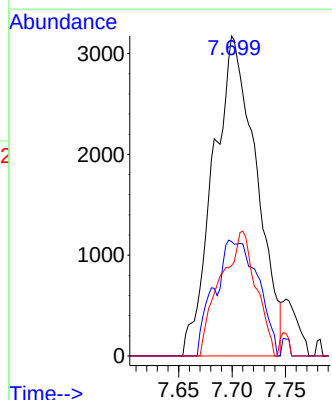
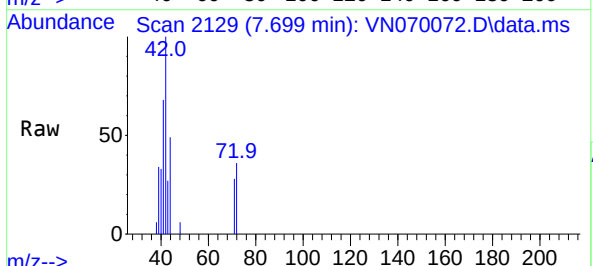
Instrument :
MSVOA_N
ClientSampleId :

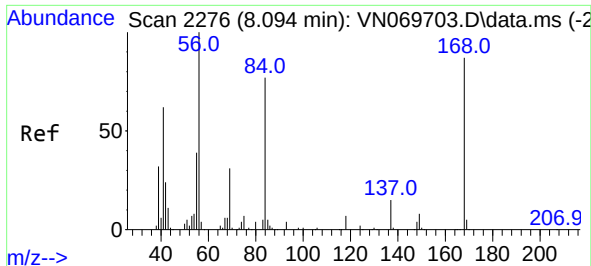
Tgt Ion: 43 Resp: 146215
Ion Ratio Lower Upper
43 100
72 21.2 21.7 32.5#



#29
Tetrahydrofuran
Concen: 1.082 ug/l
RT: 7.699 min Scan# 2129
Delta R.T. 0.013 min
Lab File: VN070072.D
Acq: 14 Dec 2021 15:35

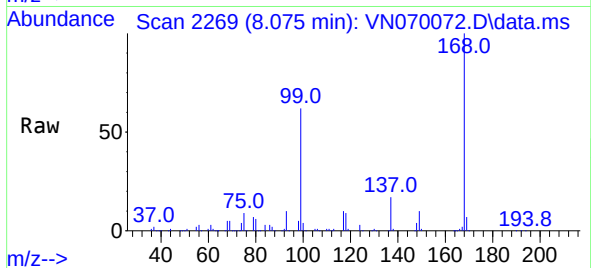
Tgt Ion: 42 Resp: 8872
Ion Ratio Lower Upper
42 100
72 30.0 36.3 54.5#
71 32.3 34.7 52.1#



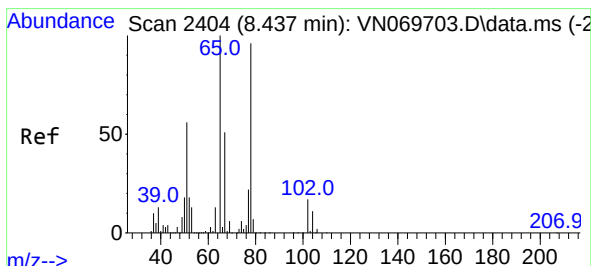
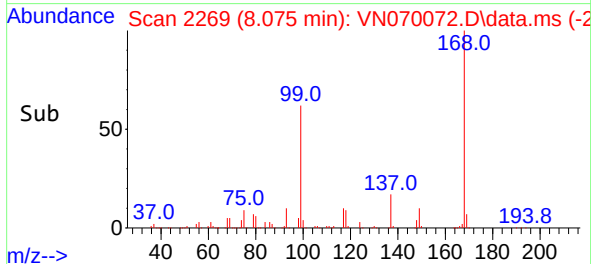
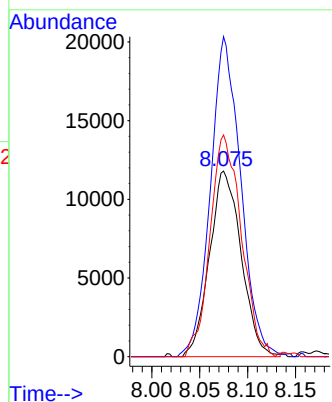


#31
Cyclohexane
Concen: 1.179 ug/l
RT: 8.075 min Scan# 21
Delta R.T. -0.019 min
Lab File: VN070072.D
Acq: 14 Dec 2021 15:35

Instrument :
MSVOA_N
ClientSampleId :

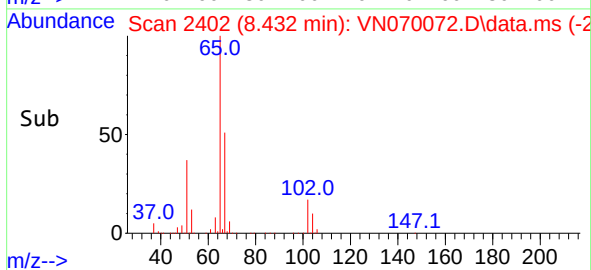
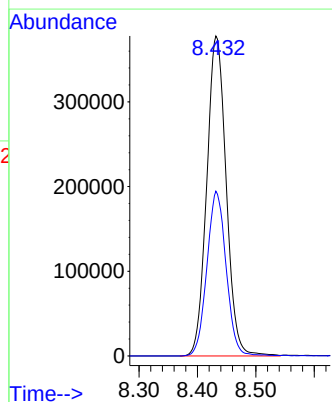
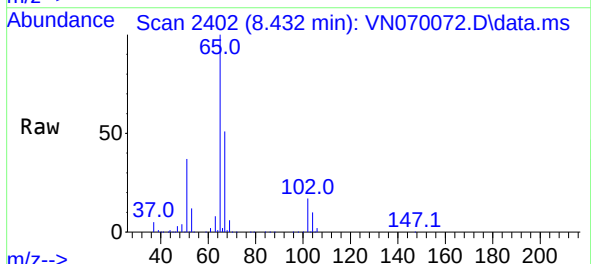


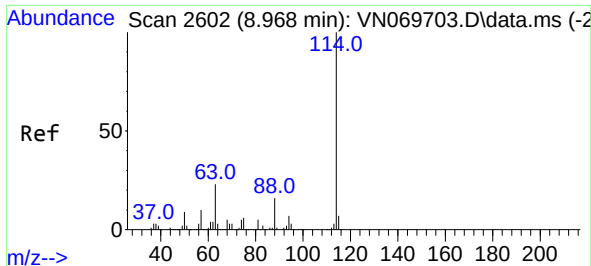
Tgt Ion: 56 Resp: 27117
Ion Ratio Lower Upper
56 100
69 170.8 27.1 40.7#
84 119.4 73.4 110.0#



#33
1,2-Dichloroethane-d4
Concen: 52.946 ug/l
RT: 8.432 min Scan# 2402
Delta R.T. -0.005 min
Lab File: VN070072.D
Acq: 14 Dec 2021 15:35

Tgt Ion: 65 Resp: 875040
Ion Ratio Lower Upper
65 100
67 50.8 0.0 103.0

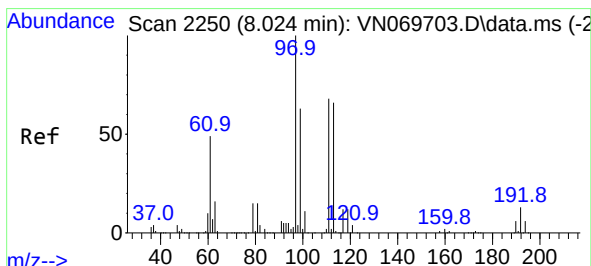
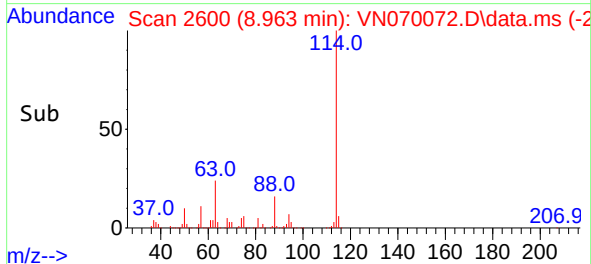
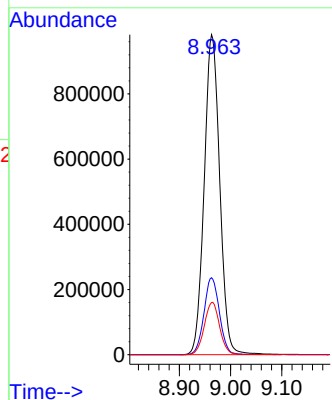
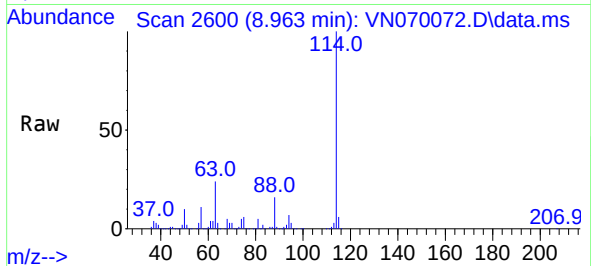




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 2069
Delta R.T. -0.005 min
Lab File: VN070072.D
Acq: 14 Dec 2021 15:35

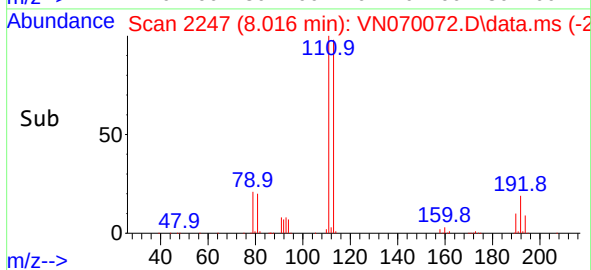
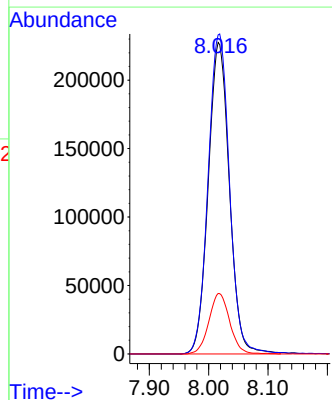
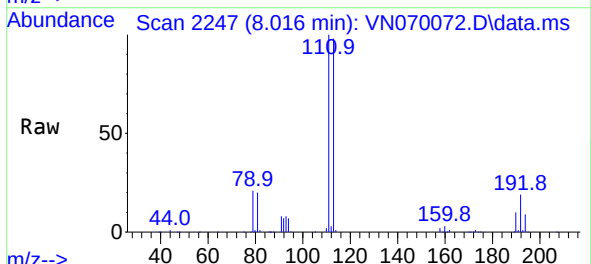
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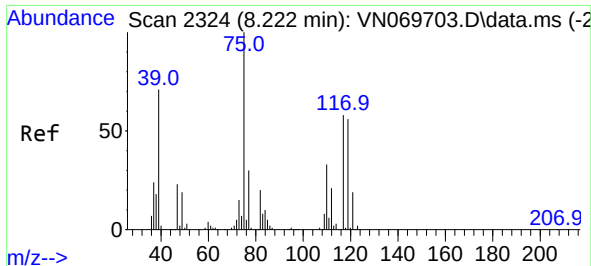
Tgt Ion:114 Resp: 2069191
Ion Ratio Lower Upper
114 100
63 24.0 0.0 37.8
88 16.3 0.0 27.4



#35
Dibromofluoromethane
Concen: 43.412 ug/l
RT: 8.016 min Scan# 2247
Delta R.T. -0.008 min
Lab File: VN070072.D
Acq: 14 Dec 2021 15:35

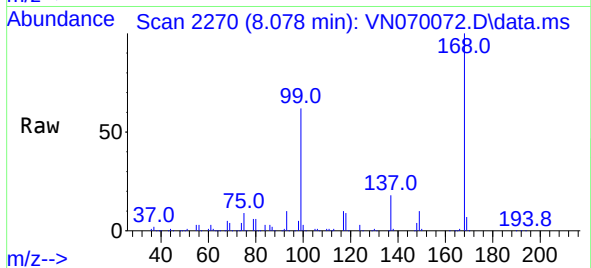
Tgt Ion:113 Resp: 562659
Ion Ratio Lower Upper
113 100
111 103.8 82.2 123.2
192 19.1 16.9 25.3



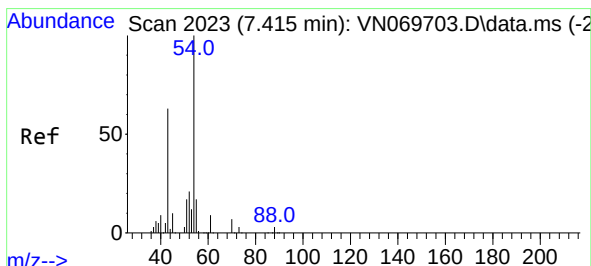
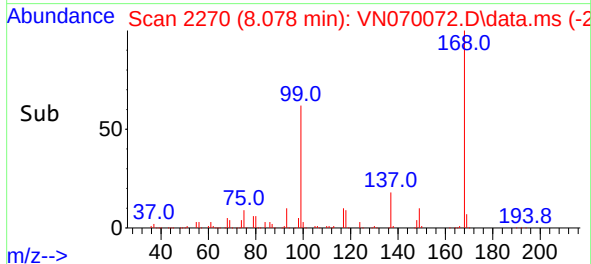
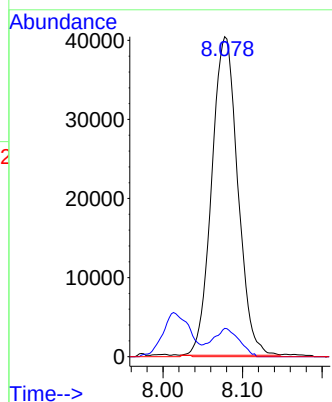


#36
1,1-Dichloropropene
Concen: 4.650 ug/l
RT: 8.078 min Scan# 21
Delta R.T. -0.145 min
Lab File: VN070072.D
Acq: 14 Dec 2021 15:35

Instrument :
MSVOA_N
ClientSampleId :

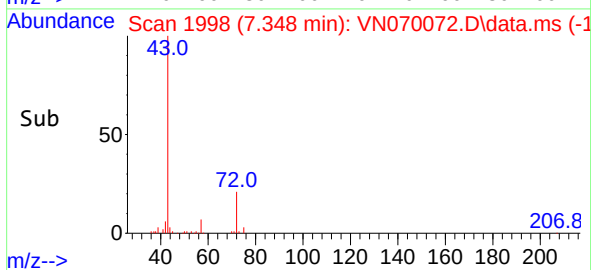
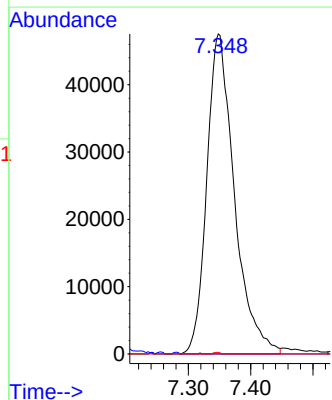
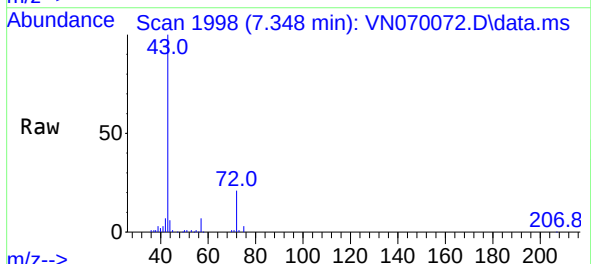


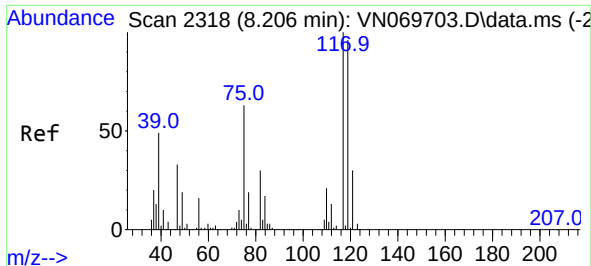
Tgt Ion: 75 Resp: 91588
Ion Ratio Lower Upper
75 100
110 8.4 18.4 55.2#
77 0.0 24.4 36.6#



#37
Ethyl Acetate
Concen: 4.987 ug/l
RT: 7.348 min Scan# 1998
Delta R.T. -0.067 min
Lab File: VN070072.D
Acq: 14 Dec 2021 15:35

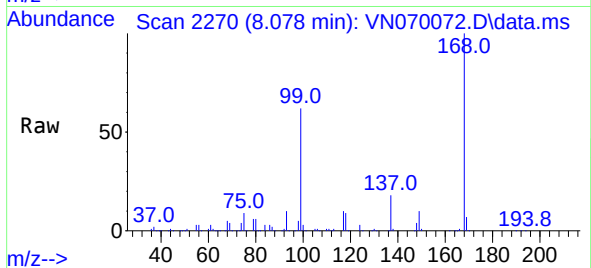
Tgt Ion: 43 Resp: 146215
Ion Ratio Lower Upper
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61 0.0 11.5 17.3#
70 0.1 7.9 11.9#



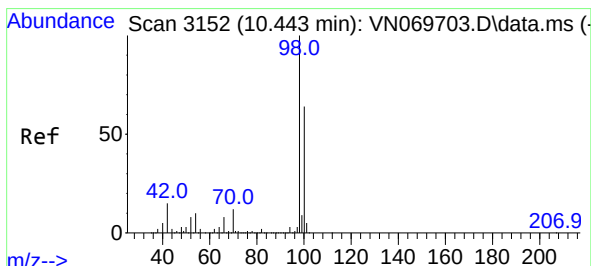
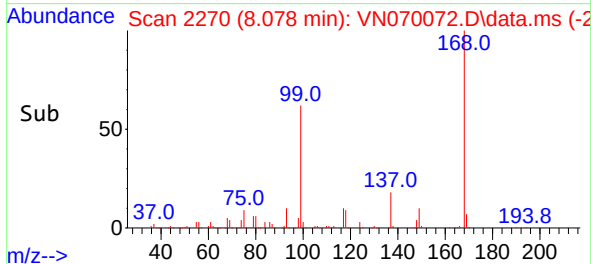
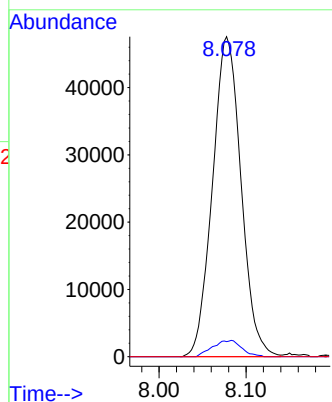


#38
Carbon Tetrachloride
Concen: 5.612 ug/l
RT: 8.078 min Scan# 211
Delta R.T. -0.129 min
Lab File: VN070072.D
Acq: 14 Dec 2021 15:35

Instrument :
MSVOA_N
ClientSampleId :

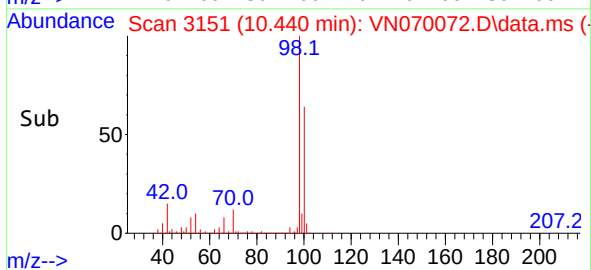
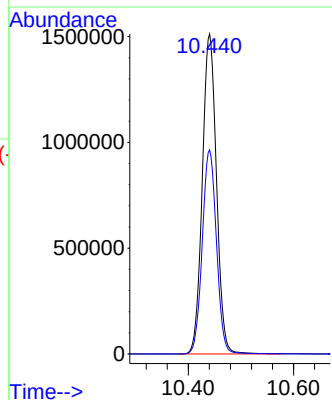
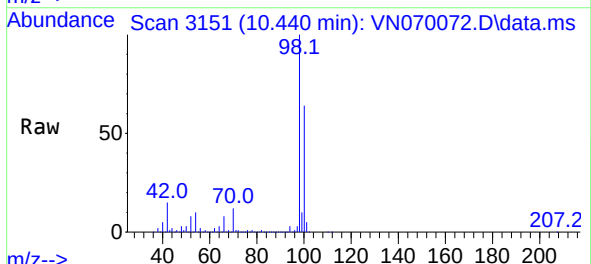


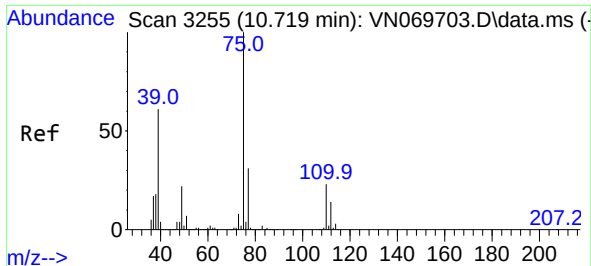
Tgt Ion:117 Resp: 108400
Ion Ratio Lower Upper
117 100
119 4.7 76.1 114.1#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 54.325 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. -0.003 min
Lab File: VN070072.D
Acq: 14 Dec 2021 15:35

Tgt Ion: 98 Resp: 2827189
Ion Ratio Lower Upper
98 100
100 63.9 50.4 75.6

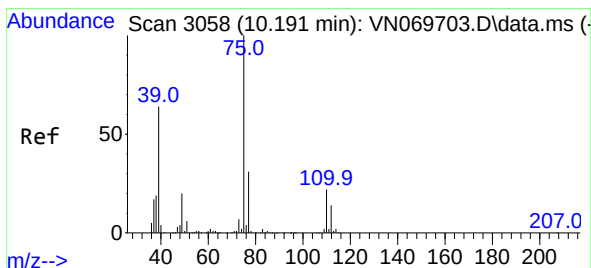
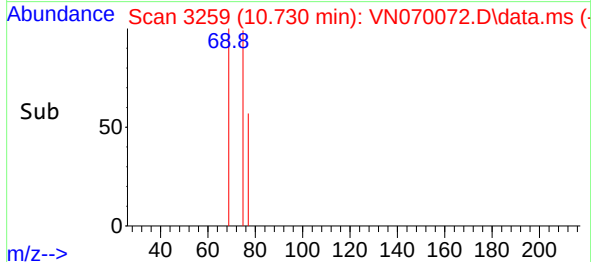
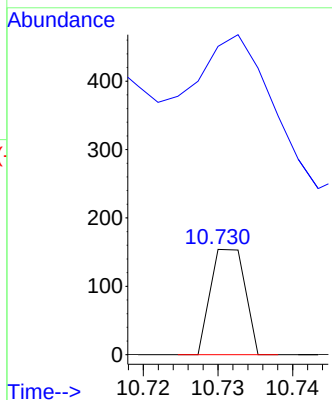
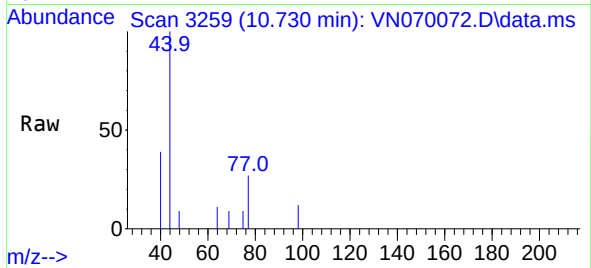




#53
 t-1,3-Dichloropropene
 Concen: 2.796 ug/l
 RT: 10.730 min Scan# 3145
 Delta R.T. 0.011 min
 Lab File: VN070072.D
 Acq: 14 Dec 2021 15:35

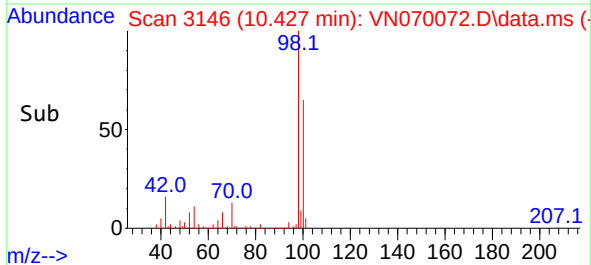
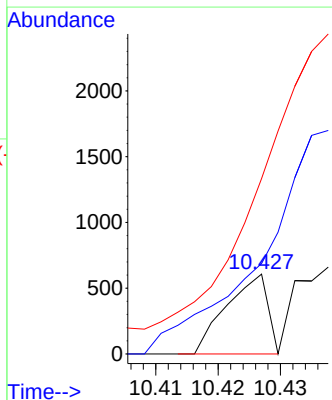
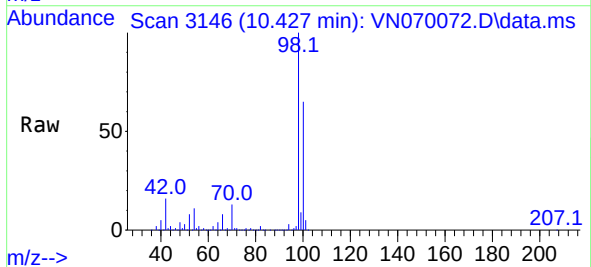
Instrument :
 MSVOA_N
 ClientSampleId :

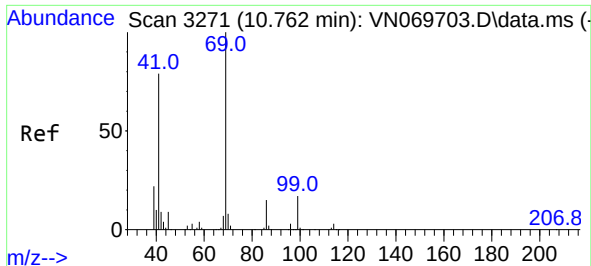
Tgt Ion: 75 Resp: 49
 Ion Ratio Lower Upper
 75 100
 77 66.2 25.6 38.4#



#54
 cis-1,3-Dichloropropene
 Concen: 2.009 ug/l
 RT: 10.427 min Scan# 3146
 Delta R.T. 0.236 min
 Lab File: VN070072.D
 Acq: 14 Dec 2021 15:35

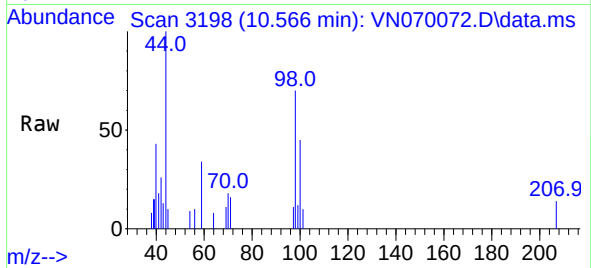
Tgt Ion: 75 Resp: 278
 Ion Ratio Lower Upper
 75 100
 77 77.3 26.4 39.6#
 39 167.2 42.5 63.7#



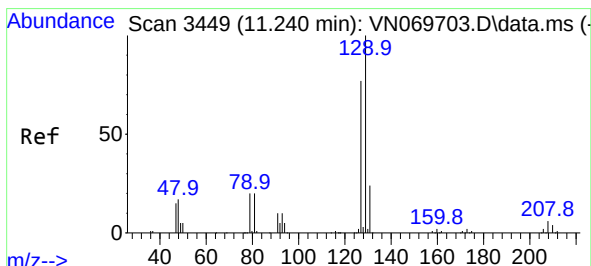
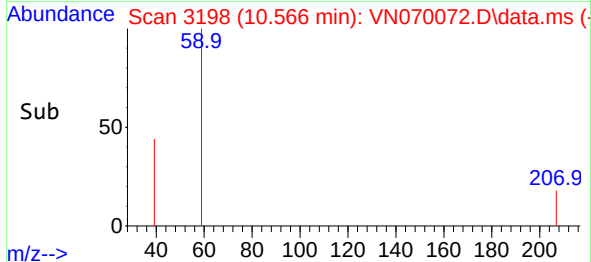
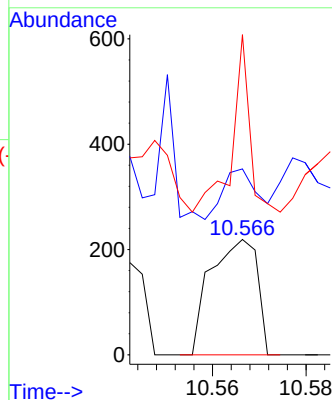


#56
Ethyl methacrylate
Concen: 2.284 ug/l
RT: 10.566 min Scan# 3119
Delta R.T. -0.196 min
Lab File: VN070072.D
Acq: 14 Dec 2021 15:35

Instrument :
MSVOA_N
ClientSampleId :

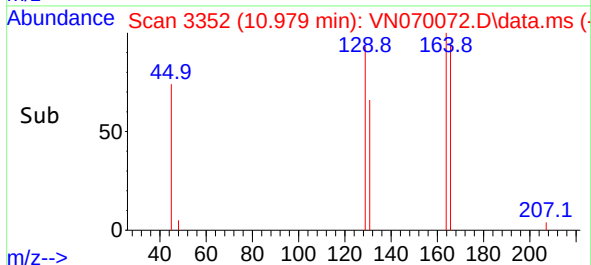
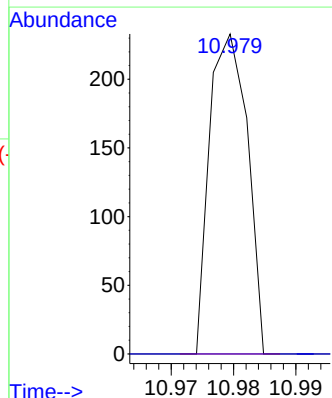
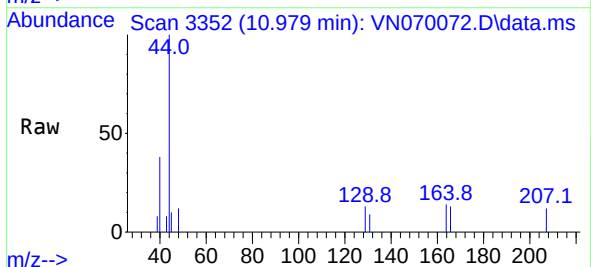


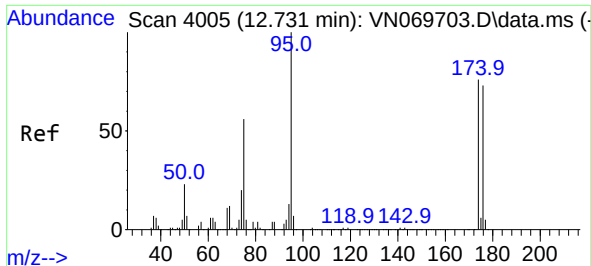
Tgt Ion: 69 Resp: 152
Ion Ratio Lower Upper
69 100
41 0.0 51.4 77.0#
39 0.0 34.6 52.0#



#60
Dibromochloromethane
Concen: 2.382 ug/l
RT: 10.979 min Scan# 3352
Delta R.T. -0.261 min
Lab File: VN070072.D
Acq: 14 Dec 2021 15:35

Tgt Ion: 129 Resp: 98
Ion Ratio Lower Upper
129 100
127 0.0 38.6 116.0#

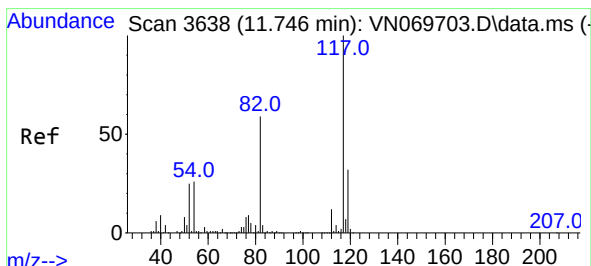
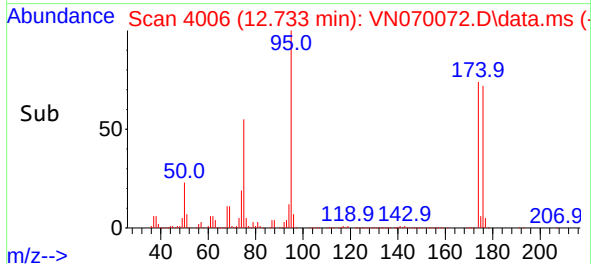
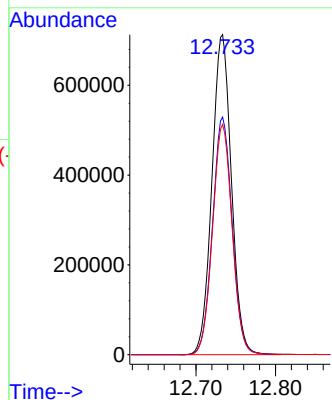
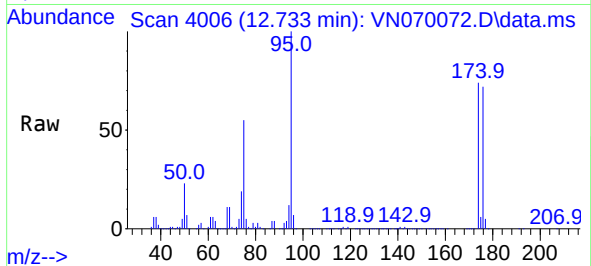




#62
4-Bromofluorobenzene
Concen: 64.402 ug/l
RT: 12.733 min Scan# 4005
Delta R.T. 0.002 min
Lab File: VN070072.D
Acq: 14 Dec 2021 15:35

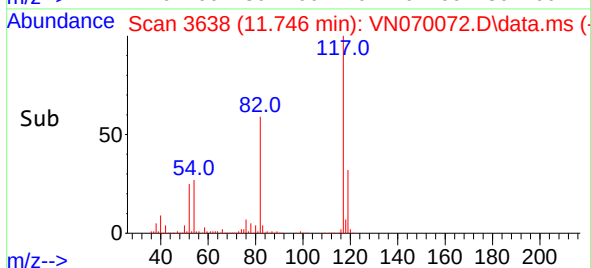
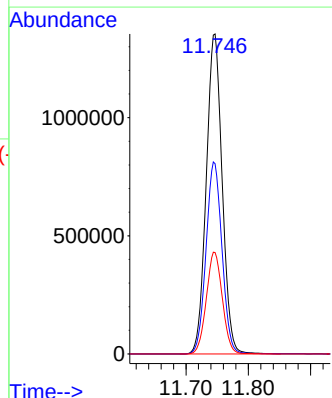
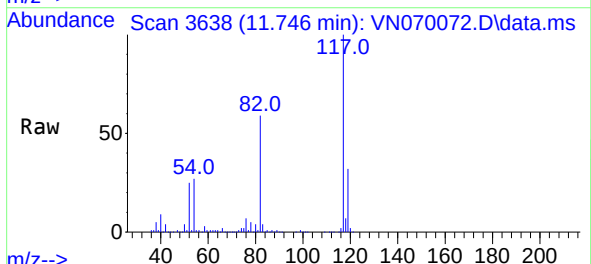
Instrument :
MSVOA_N
ClientSampleId :

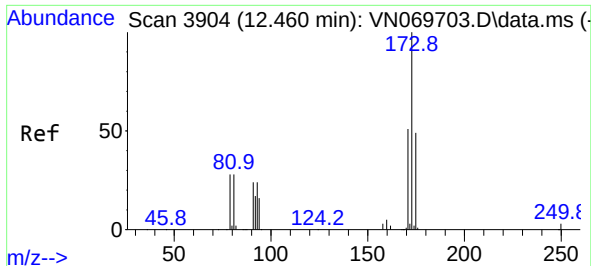
Tgt Ion: 95 Resp: 1214235
Ion Ratio Lower Upper
95 100
174 75.0 0.0 187.2
176 72.3 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VN070072.D
Acq: 14 Dec 2021 15:35

Tgt Ion: 117 Resp: 2403622
Ion Ratio Lower Upper
117 100
82 59.4 42.4 63.6
119 31.7 25.4 38.2

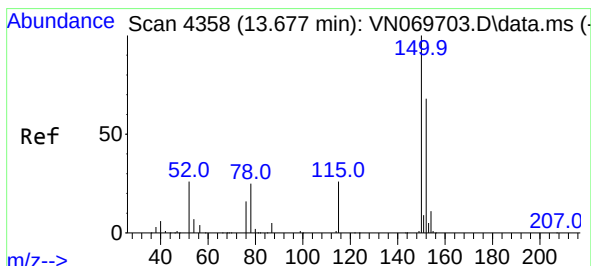
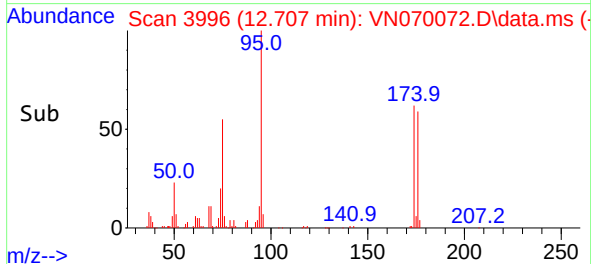
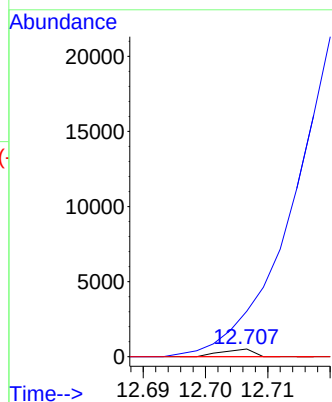
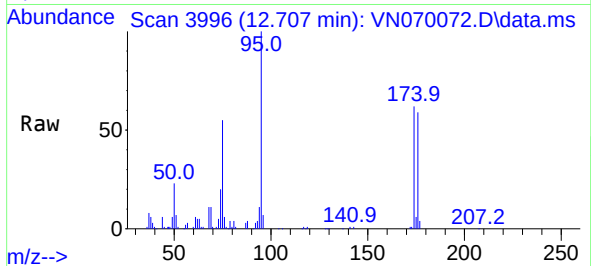




#71
Bromoform
Concen: 2.743 ug/l
RT: 12.707 min Scan# 3904
Delta R.T. 0.247 min
Lab File: VN070072.D
Acq: 14 Dec 2021 15:35

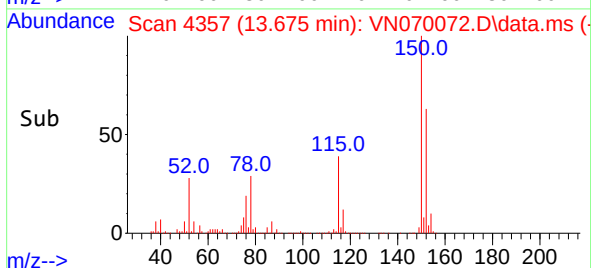
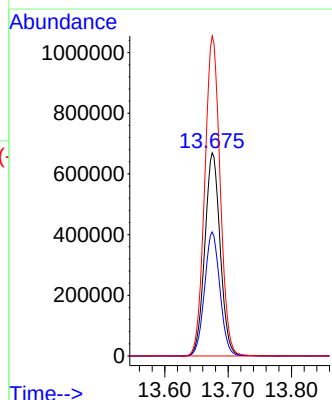
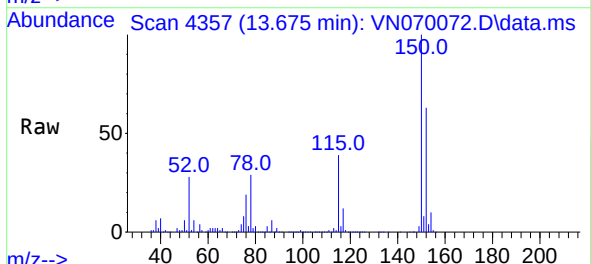
Instrument :
MSVOA_N
ClientSampleId :

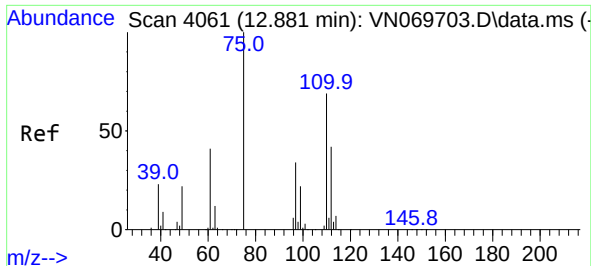
Tgt Ion:173 Resp: 181
Ion Ratio Lower Upper
173 100
175 0.0 24.2 72.6#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. -0.003 min
Lab File: VN070072.D
Acq: 14 Dec 2021 15:35

Tgt Ion:152 Resp: 1125703
Ion Ratio Lower Upper
152 100
115 61.0 27.5 82.5
150 157.6 0.0 344.4

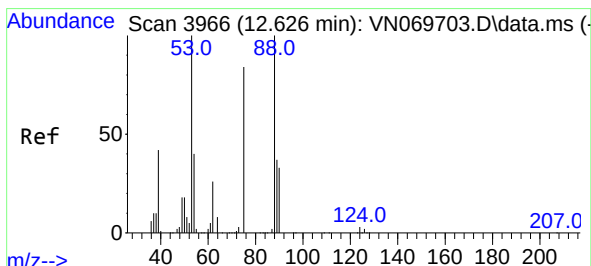
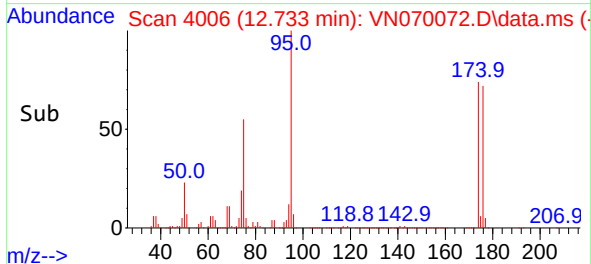
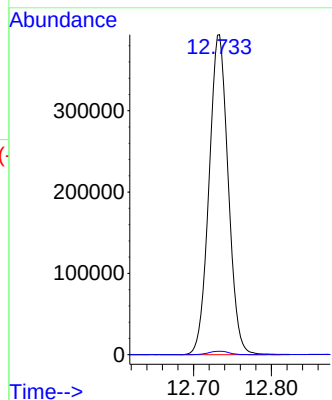
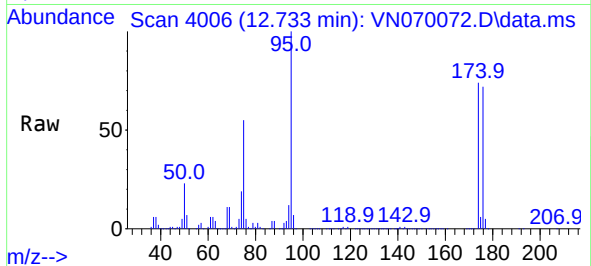




#76
1,2,3-Trichloropropane
Concen: 20.810 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.147 min
Lab File: VN070072.D
Acq: 14 Dec 2021 15:35

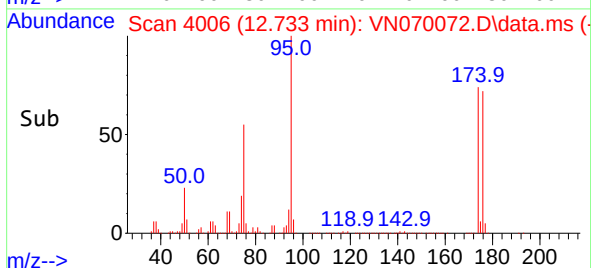
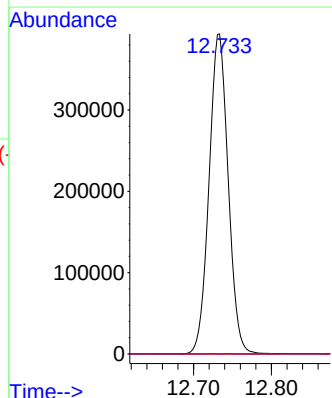
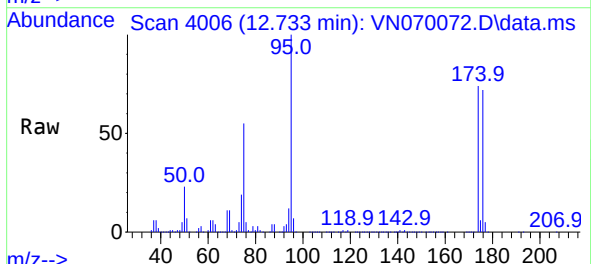
Instrument :
MSVOA_N
ClientSampleId :

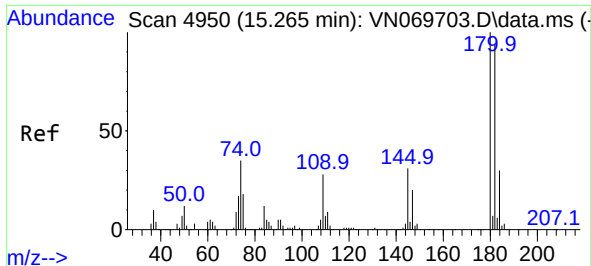
Tgt Ion: 75 Resp: 671816
Ion Ratio Lower Upper
75 100
77 1.2 82.6 247.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 66.639 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.107 min
Lab File: VN070072.D
Acq: 14 Dec 2021 15:35

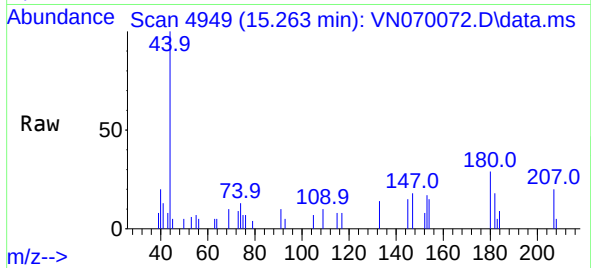
Tgt Ion: 75 Resp: 671816
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 38.2 57.4#



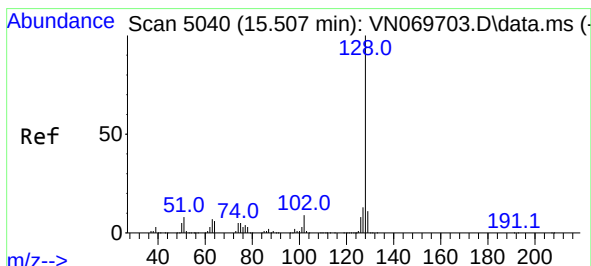
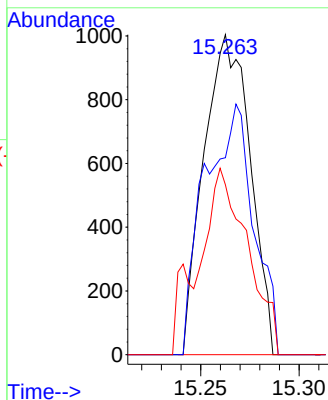
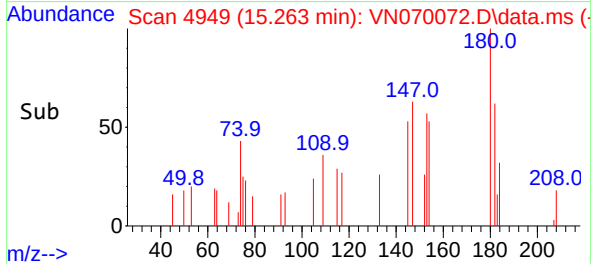


#93
1,2,4-Trichlorobenzene
Concen: 2.962 ug/l
RT: 15.263 min Scan# 4950
Delta R.T. -0.002 min
Lab File: VN070072.D
Acq: 14 Dec 2021 15:35

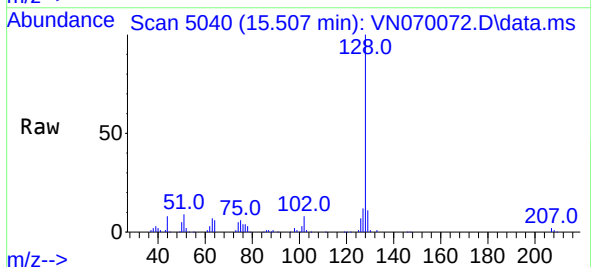
Instrument :
MSVOA_N
ClientSampleId :



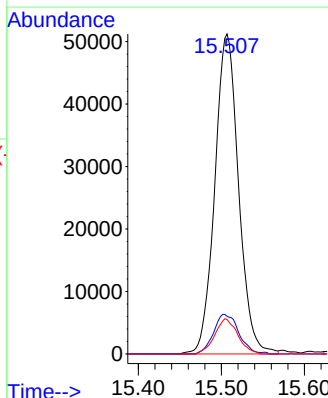
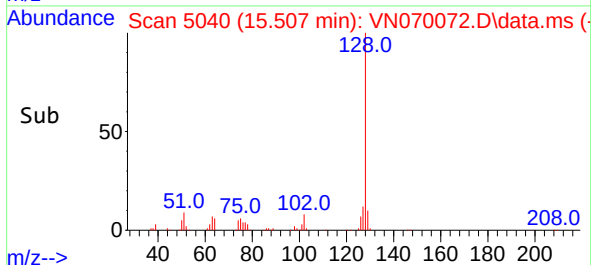
Tgt Ion:180 Resp: 1639
Ion Ratio Lower Upper
180 100
182 83.0 48.3 144.9
145 52.2 14.5 43.5#

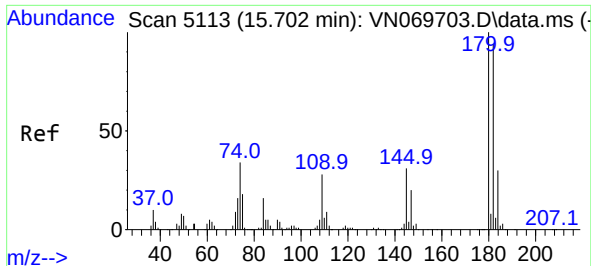


#95
Naphthalene
Concen: 5.689 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. -0.000 min
Lab File: VN070072.D
Acq: 14 Dec 2021 15:35



Tgt Ion:128 Resp: 101849
Ion Ratio Lower Upper
128 100
127 13.1 10.5 15.7
129 10.6 8.7 13.1





#96

1,2,3-Trichlorobenzene

Concen: 2.522 ug/l

RT: 15.702 min Scan# 51

Delta R.T. 0.000 min

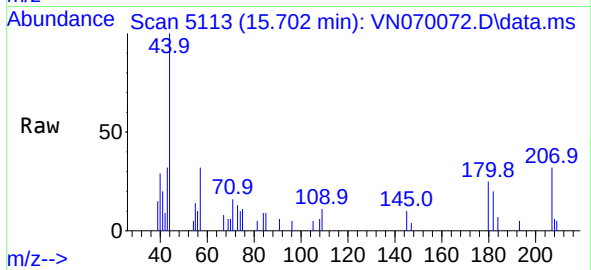
Lab File: VN070072.D

Acq: 14 Dec 2021 15:35

Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:180 Resp: 1633

Ion Ratio Lower Upper

180 100

182 82.2 47.4 142.2

145 5.3 15.0 45.1#

