

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121421\
 Data File : VN070100.D
 Acq On : 15 Dec 2021 4:10
 Operator : JC/MD
 Sample : M5011-13 10X
 Misc : 3.39g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 15 05:31:18 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

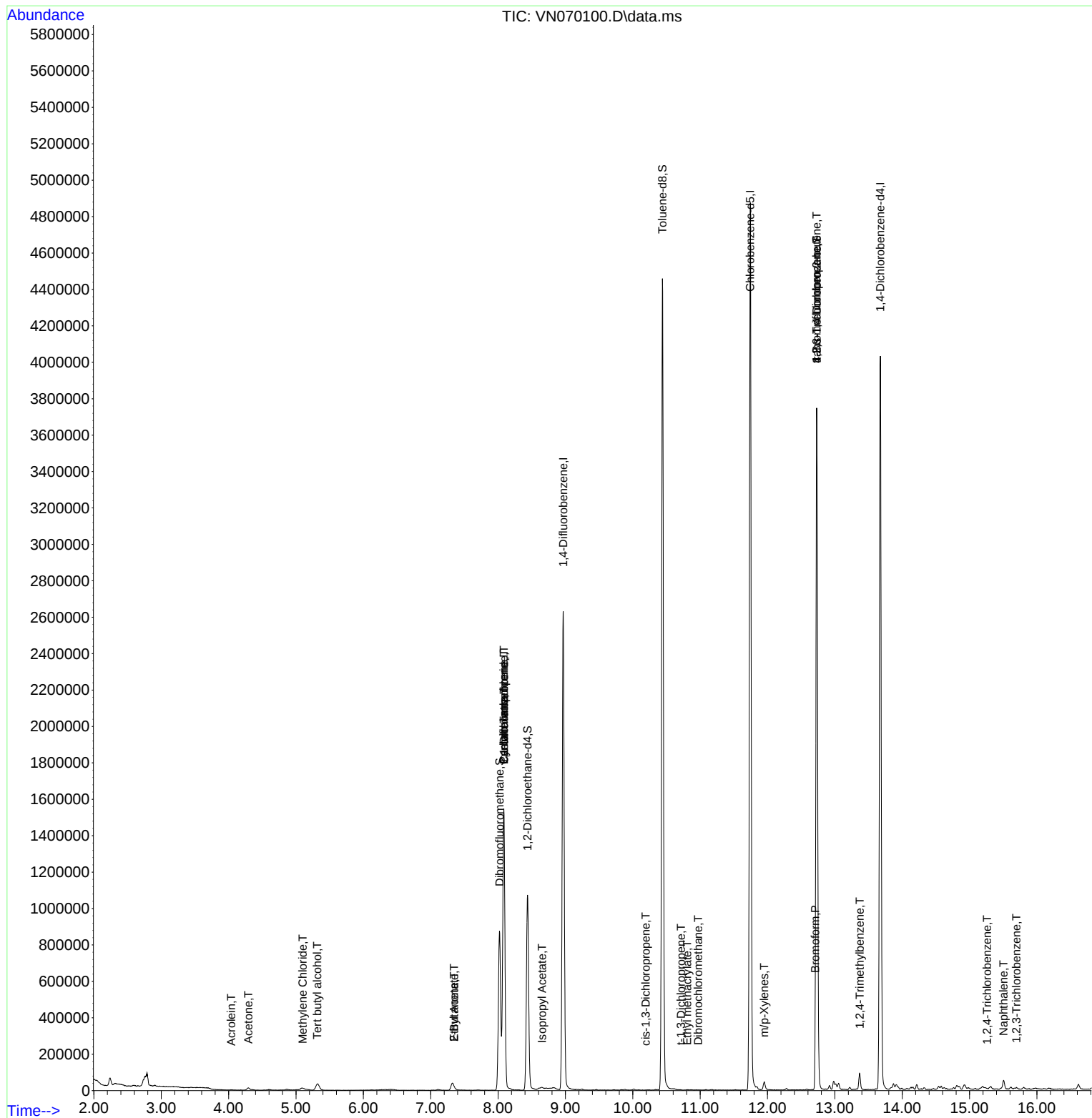
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.086	168	1144124	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	2213583	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	2700724	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	1089799	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	926965	52.474	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 104.940%	
35) Dibromofluoromethane	8.021	113	639893	46.150	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 92.300%	
50) Toluene-d8	10.440	98	2988828	53.684	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 107.360%	
62) 4-Bromofluorobenzene	12.731	95	1336265	66.252	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 132.500%	
Target Compounds						Qvalue
11) Tert butyl alcohol	5.315	59	37029	11.089	ug/l #	72
13) Acrolein	4.039	56	606	0.213	ug/l #	53
16) Acetone	4.293	43	16828	1.584	ug/l	99
20) Methylene Chloride	5.101	84	3103	0.220	ug/l #	92
25) 2-Butanone	7.345	43	16817	1.165	ug/l	91
31) Cyclohexane	8.086	56	29188	1.187	ug/l #	29
36) 1,1-Dichloropropene	8.086	75	99073	4.701	ug/l #	49
37) Ethyl Acetate	7.345	43	16817	0.536	ug/l #	68
38) Carbon Tetrachloride	8.086	117	114910	5.561	ug/l #	16
43) Isopropyl Acetate	8.652	43	16074	0.346	ug/l #	55
53) t-1,3-Dichloropropene	10.714	75	182	2.801	ug/l #	1
54) cis-1,3-Dichloropropene	10.194	75	51	2.000	ug/l #	32
56) Ethyl methacrylate	10.808	69	114	2.283	ug/l #	1
60) Dibromochloromethane	10.971	129	55	2.379	ug/l #	11
68) m/p-Xylenes	11.953	106	13291	0.367	ug/l	99
71) Bromoform	12.707	173	200	2.742	ug/l #	29
76) 1,2,3-Trichloropropane	12.731	75	735492	23.534	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.731	75	735492	74.828	ug/l #	5
84) 1,2,4-Trimethylbenzene	13.369	105	49413	0.665	ug/l	99
93) 1,2,4-Trichlorobenzene	15.260	180	625	2.911	ug/l #	82
95) Naphthalene	15.504	128	44006	4.746	ug/l	99
96) 1,2,3-Trichlorobenzene	15.694	180	387	2.457	ug/l #	1

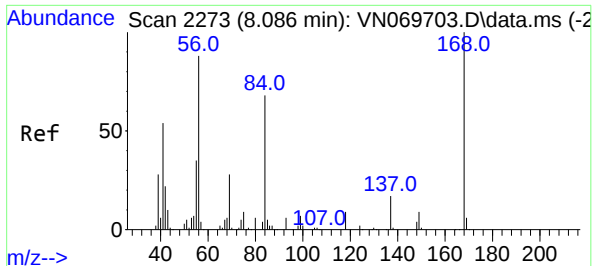
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
MSVOA_N
ClientSampleId :

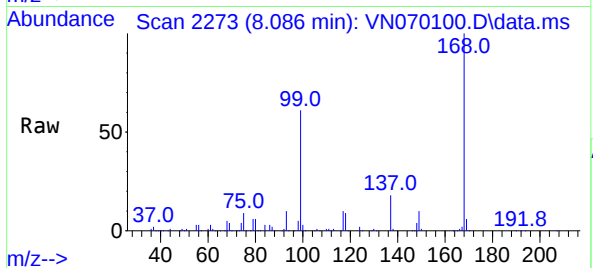
Quant Time: Dec 15 05:31:18 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
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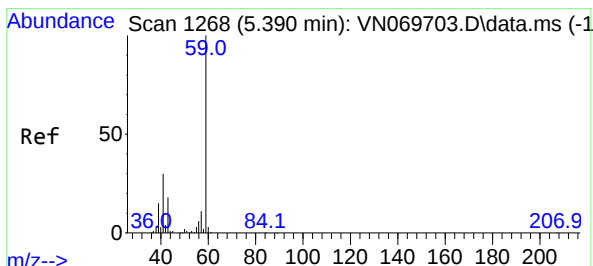
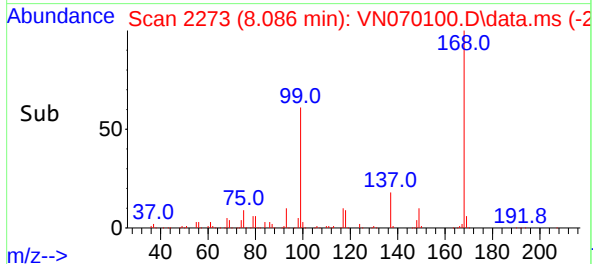
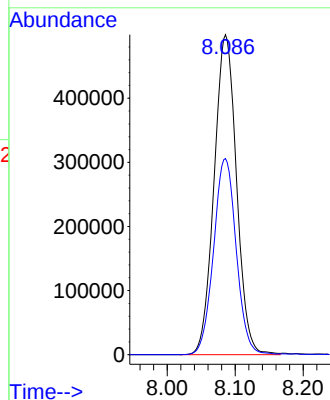


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN070100.D
Acq: 15 Dec 2021 4:10

Instrument :
MSVOA_N
ClientSampleId :

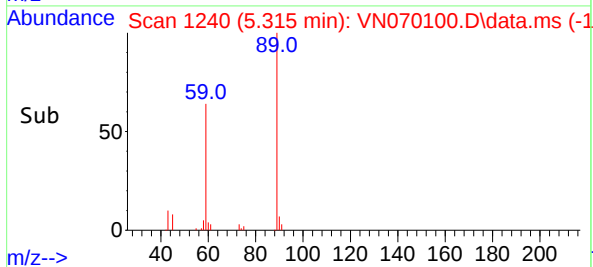
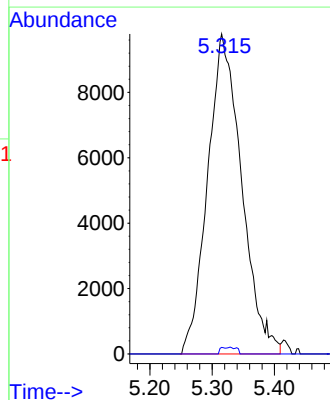
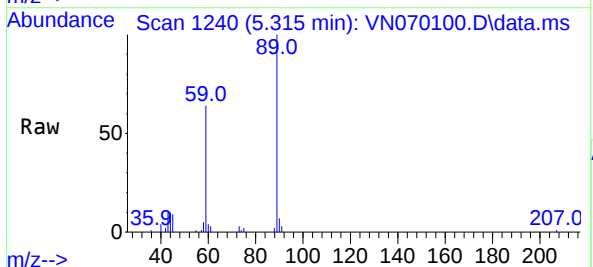


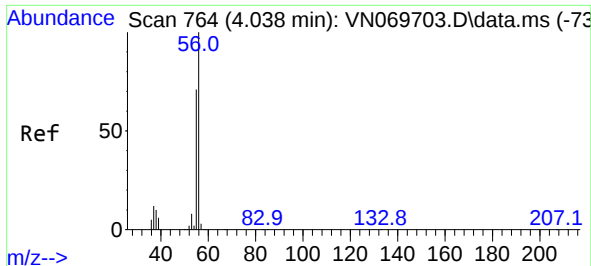
Tgt Ion:168 Resp: 1144124
Ion Ratio Lower Upper
168 100
99 61.3 41.3 61.9



#11
Tert butyl alcohol
Concen: 11.089 ug/l
RT: 5.315 min Scan# 1240
Delta R.T. -0.075 min
Lab File: VN070100.D
Acq: 15 Dec 2021 4:10

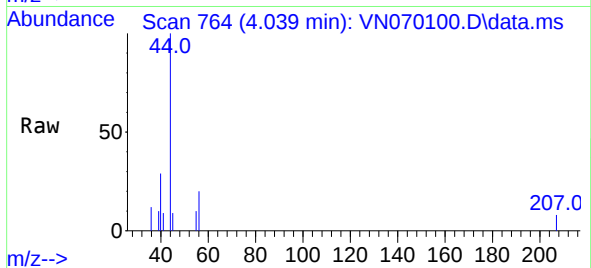
Tgt Ion: 59 Resp: 37029
Ion Ratio Lower Upper
59 100
57 0.3 8.7 13.1#



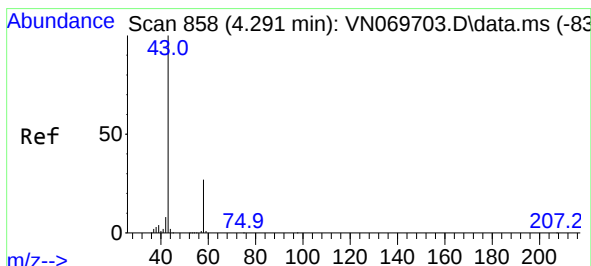
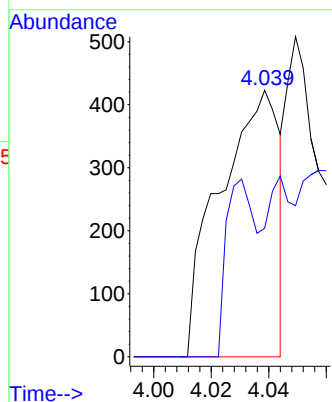
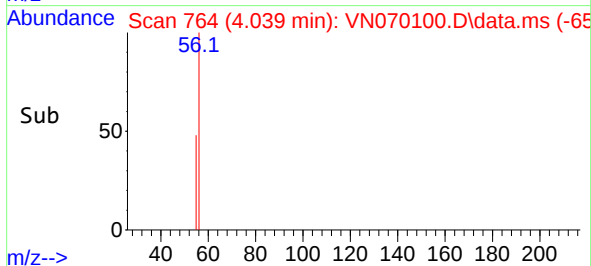


#13
Acrolein
Concen: 0.213 ug/l
RT: 4.039 min Scan# 764
Delta R.T. 0.000 min
Lab File: VN070100.D
Acq: 15 Dec 2021 4:10

Instrument :
MSVOA_N
ClientSampleId :

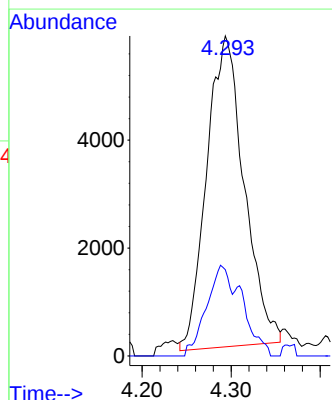
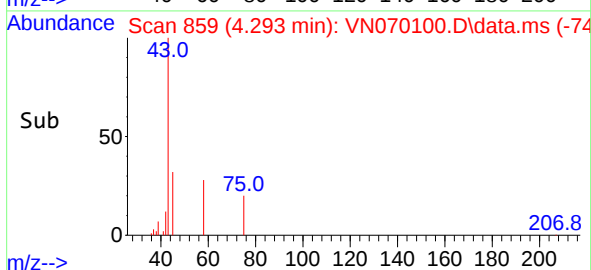
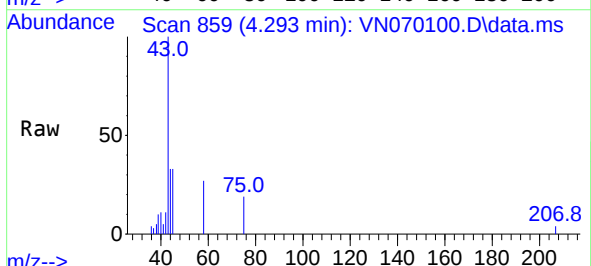


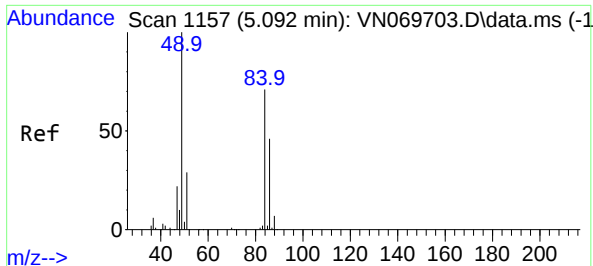
Tgt Ion: 56 Resp: 606
Ion Ratio Lower Upper
56 100
55 32.0 56.6 85.0#



#16
Acetone
Concen: 1.584 ug/l
RT: 4.293 min Scan# 859
Delta R.T. 0.003 min
Lab File: VN070100.D
Acq: 15 Dec 2021 4:10

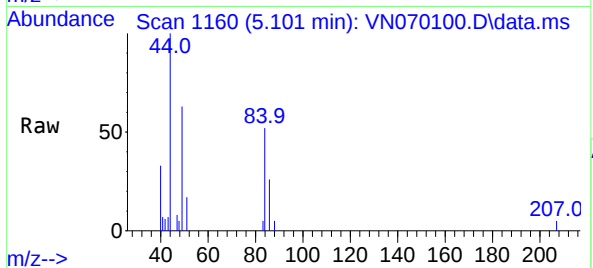
Tgt Ion: 43 Resp: 16828
Ion Ratio Lower Upper
43 100
58 28.1 23.1 34.7



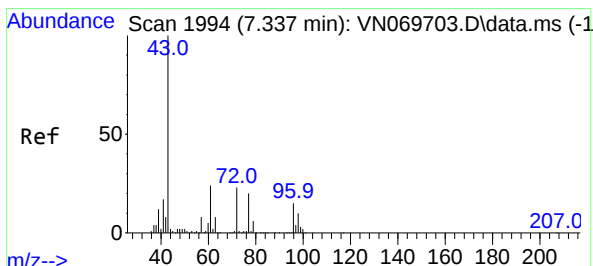
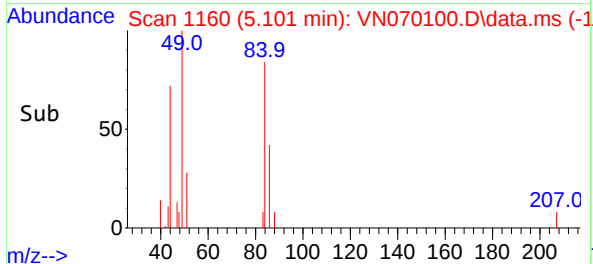
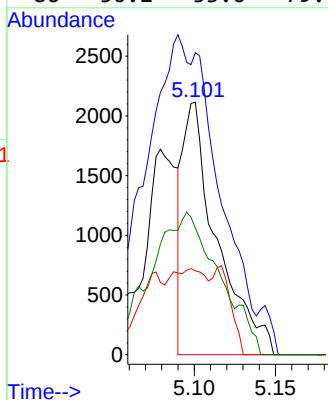


#20
Methylene Chloride
Concen: 0.220 ug/l
RT: 5.101 min Scan# 1157
Delta R.T. 0.008 min
Lab File: VN070100.D
Acq: 15 Dec 2021 4:10

Instrument :
MSVOA_N
ClientSampleId :

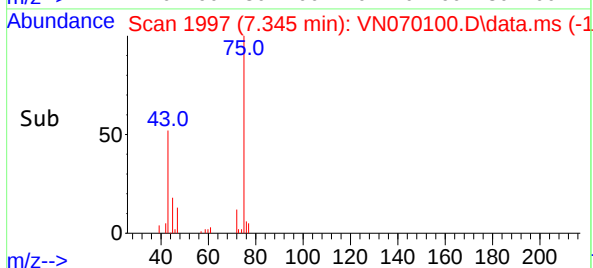
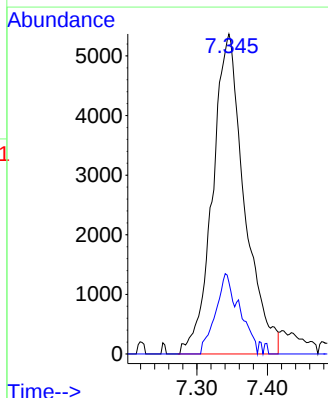
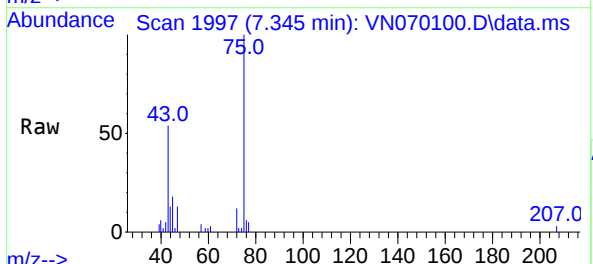


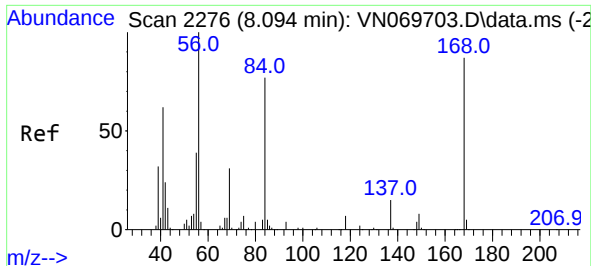
Tgt Ion: 84 Resp: 3103
Ion Ratio Lower Upper
84 100
49 119.5 93.5 140.3
51 33.2 29.4 44.2
86 50.2 53.0 79.4#



#25
2-Butanone
Concen: 1.165 ug/l
RT: 7.345 min Scan# 1997
Delta R.T. 0.008 min
Lab File: VN070100.D
Acq: 15 Dec 2021 4:10

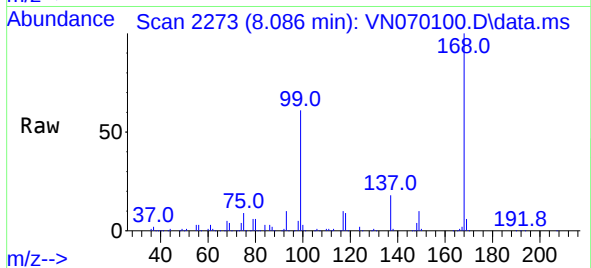
Tgt Ion: 43 Resp: 16817
Ion Ratio Lower Upper
43 100
72 22.4 21.7 32.5



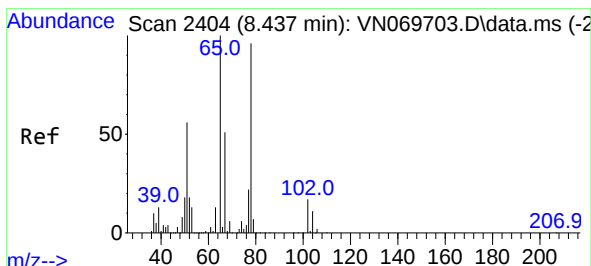
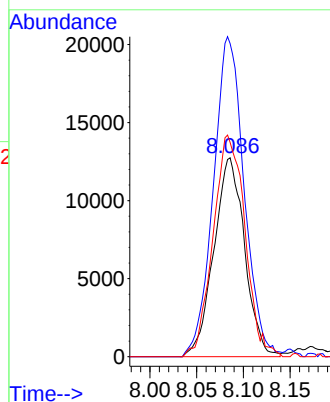
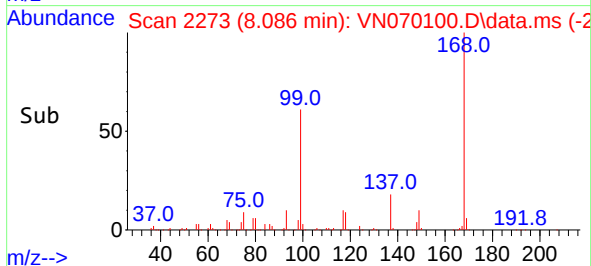


#31
Cyclohexane
Concen: 1.187 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.008 min
Lab File: VN070100.D
Acq: 15 Dec 2021 4:10

Instrument :
MSVOA_N
ClientSampleId :

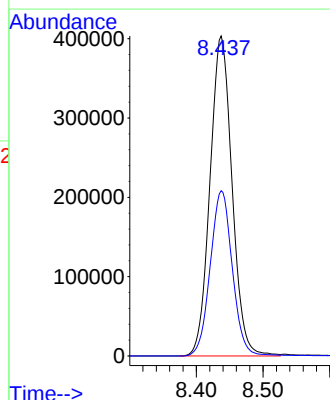
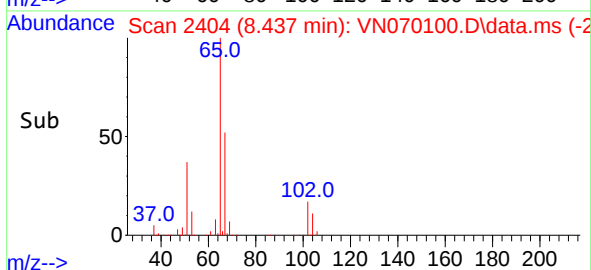
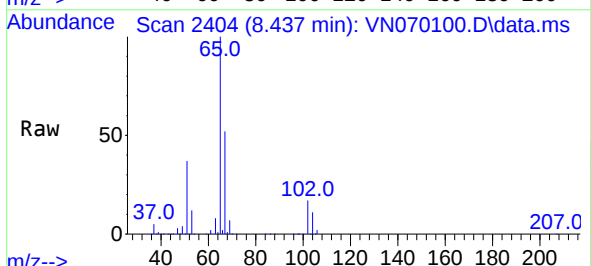


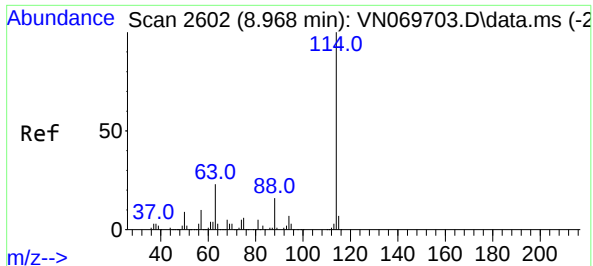
Tgt Ion: 56 Resp: 29188
Ion Ratio Lower Upper
56 100
69 157.4 27.1 40.7#
84 107.7 73.4 110.0



#33
1,2-Dichloroethane-d4
Concen: 52.474 ug/l
RT: 8.437 min Scan# 2404
Delta R.T. 0.000 min
Lab File: VN070100.D
Acq: 15 Dec 2021 4:10

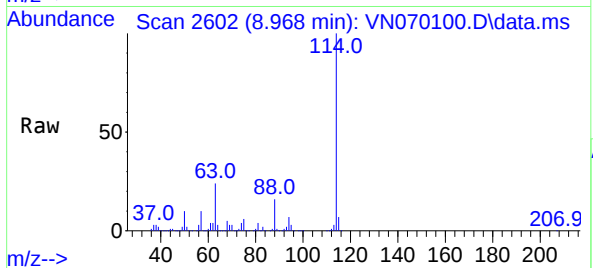
Tgt Ion: 65 Resp: 926965
Ion Ratio Lower Upper
65 100
67 51.7 0.0 103.0



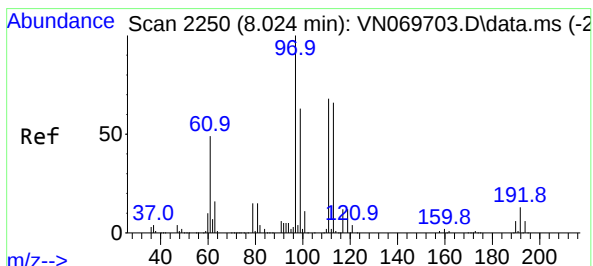
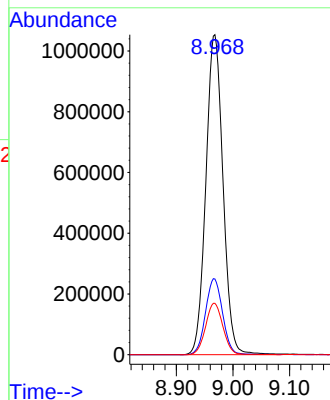
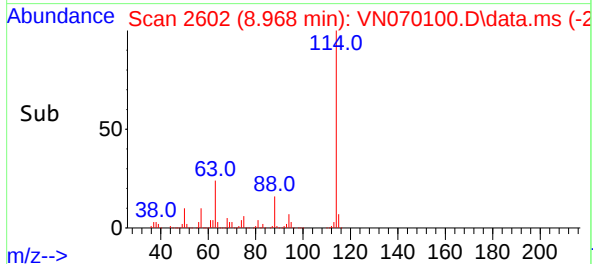


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.968 min Scan# 2249
Delta R.T. 0.000 min
Lab File: VN070100.D
Acq: 15 Dec 2021 4:10

Instrument :
MSVOA_N
ClientSampleId :

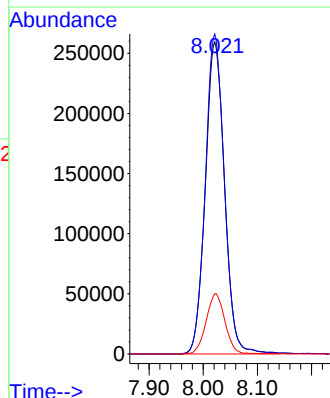
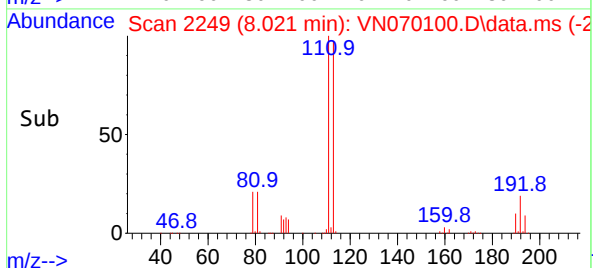
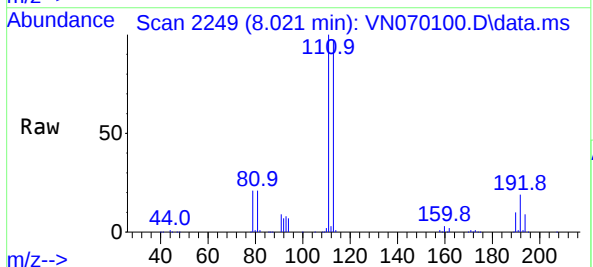


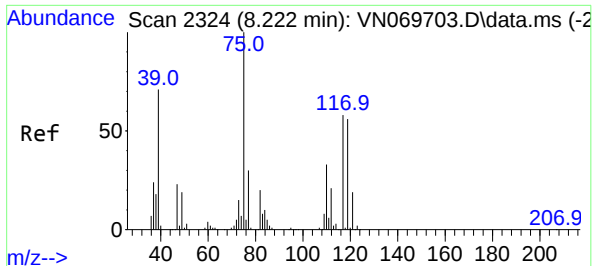
Tgt Ion:114 Resp: 2213583
Ion Ratio Lower Upper
114 100
63 23.6 0.0 37.8
88 16.1 0.0 27.4



#35
Dibromofluoromethane
Concen: 46.150 ug/l
RT: 8.021 min Scan# 2249
Delta R.T. -0.003 min
Lab File: VN070100.D
Acq: 15 Dec 2021 4:10

Tgt Ion:113 Resp: 639893
Ion Ratio Lower Upper
113 100
111 101.5 82.2 123.2
192 18.8 16.9 25.3





#36

1,1-Dichloropropene

Concen: 4.701 ug/l

RT: 8.086 min Scan# 21

Delta R.T. -0.137 min

Lab File: VN070100.D

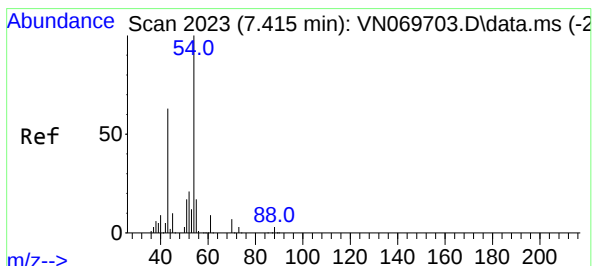
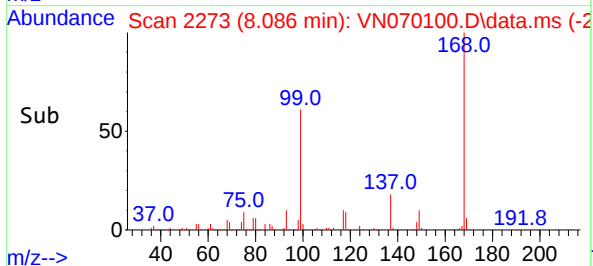
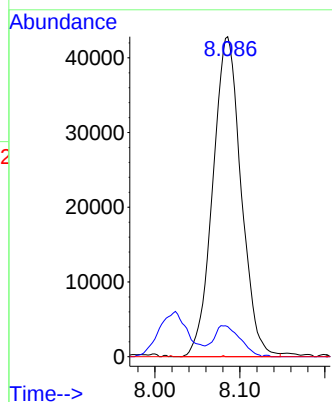
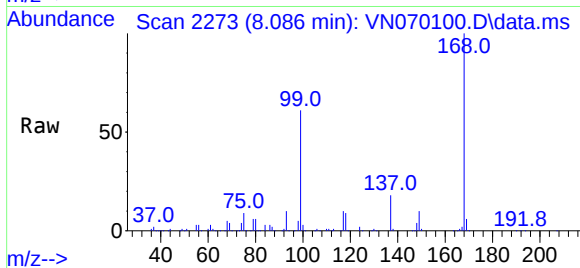
Acq: 15 Dec 2021 4:10

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:	75	Resp:	99073
Ion	Ratio	Lower	Upper
75	100		
110	9.2	18.4	55.2#
77	0.0	24.4	36.6#



#37

Ethyl Acetate

Concen: 0.536 ug/l

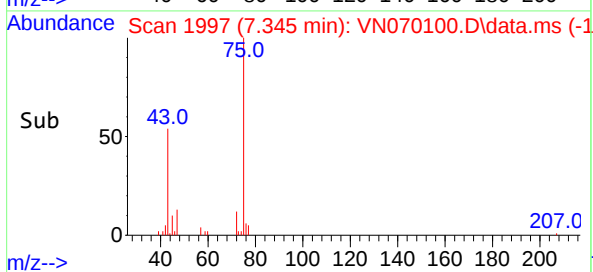
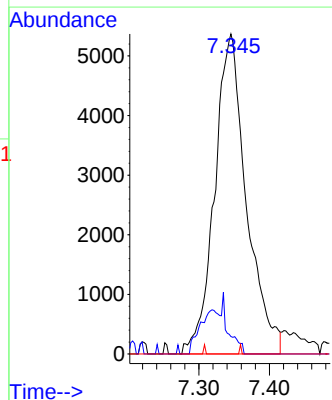
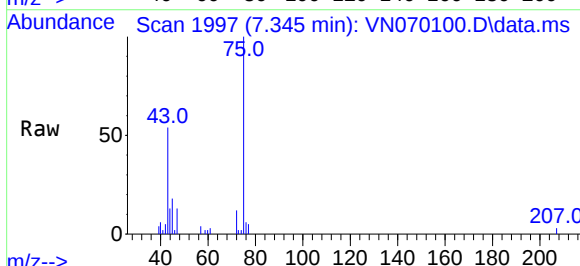
RT: 7.345 min Scan# 1997

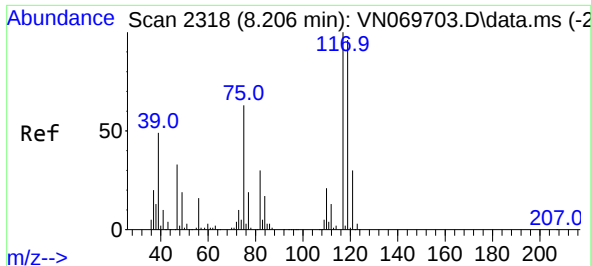
Delta R.T. -0.070 min

Lab File: VN070100.D

Acq: 15 Dec 2021 4:10

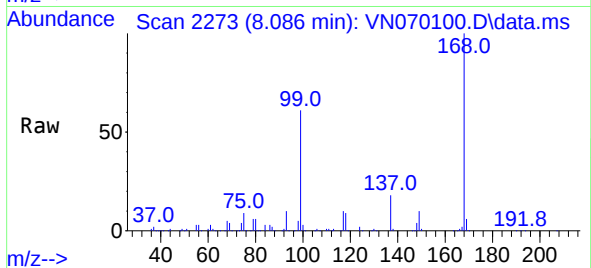
Tgt Ion:	43	Resp:	16817
Ion	Ratio	Lower	Upper
43	100		
61	0.0	11.5	17.3#
70	0.1	7.9	11.9#



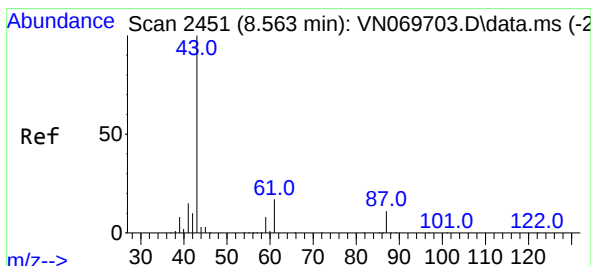
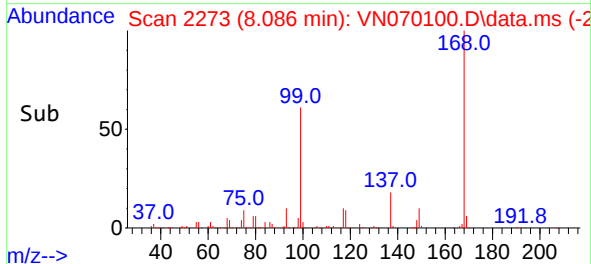
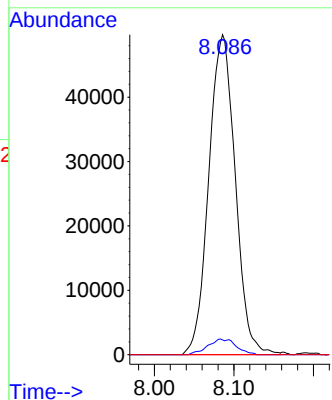


#38
Carbon Tetrachloride
Concen: 5.561 ug/l
RT: 8.086 min Scan# 211
Delta R.T. -0.121 min
Lab File: VN070100.D
Acq: 15 Dec 2021 4:10

Instrument :
MSVOA_N
ClientSampleId :

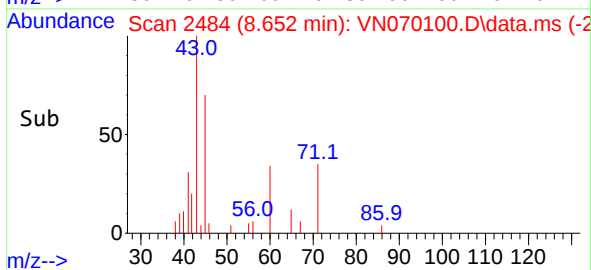
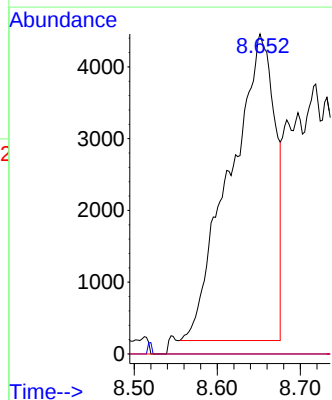
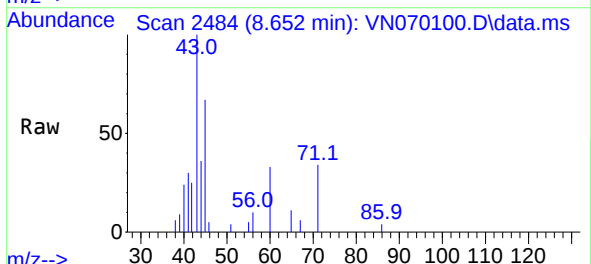


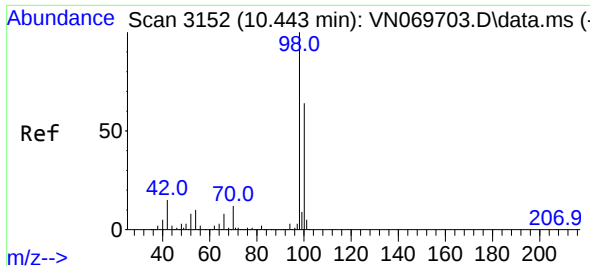
Tgt Ion:117 Resp: 114910
Ion Ratio Lower Upper
117 100
119 4.6 76.1 114.1#
121 0.0 24.2 36.2#



#43
Isopropyl Acetate
Concen: 0.346 ug/l
RT: 8.652 min Scan# 2484
Delta R.T. 0.089 min
Lab File: VN070100.D
Acq: 15 Dec 2021 4:10

Tgt Ion: 43 Resp: 16074
Ion Ratio Lower Upper
43 100
61 0.0 20.4 30.6#
87 0.0 11.2 16.8#

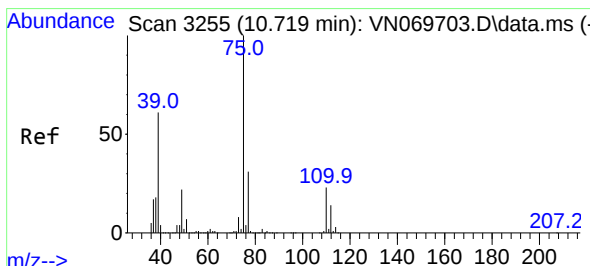
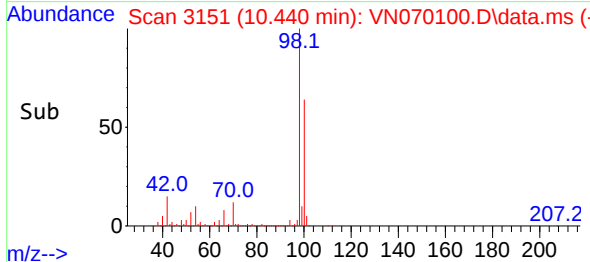
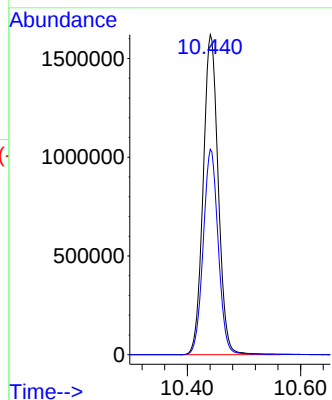
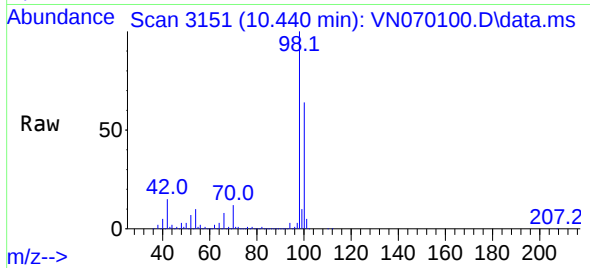




#50
Toluene-d8
Concen: 53.684 ug/l
RT: 10.440 min Scan# 3152
Delta R.T. -0.003 min
Lab File: VN070100.D
Acq: 15 Dec 2021 4:10

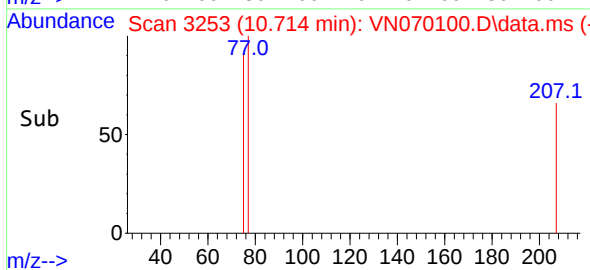
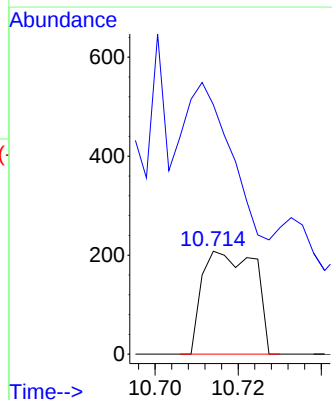
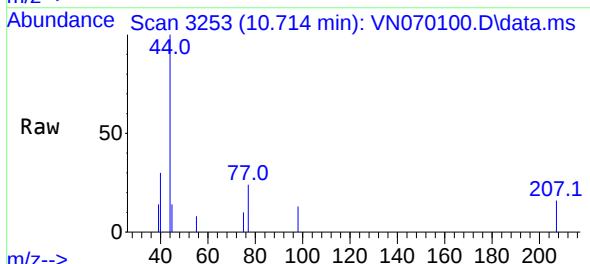
Instrument :
MSVOA_N
ClientSampleId :

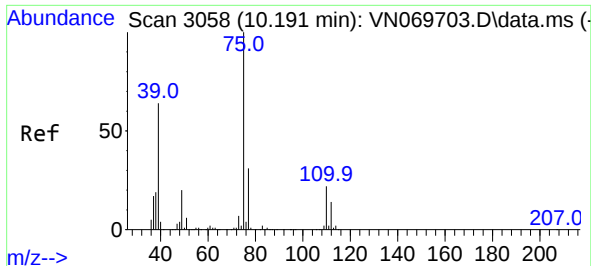
Tgt Ion: 98 Resp: 2988828
Ion Ratio Lower Upper
98 100
100 64.0 50.4 75.6



#53
t-1,3-Dichloropropene
Concen: 2.801 ug/l
RT: 10.714 min Scan# 3253
Delta R.T. -0.005 min
Lab File: VN070100.D
Acq: 15 Dec 2021 4:10

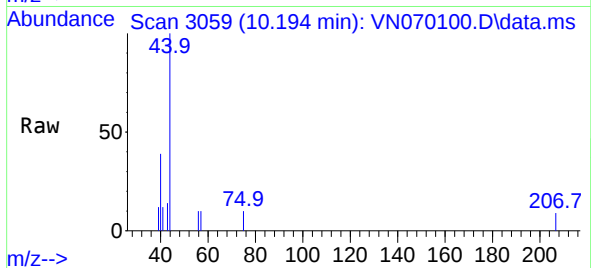
Tgt Ion: 75 Resp: 182
Ion Ratio Lower Upper
75 100
77 119.2 25.6 38.4#



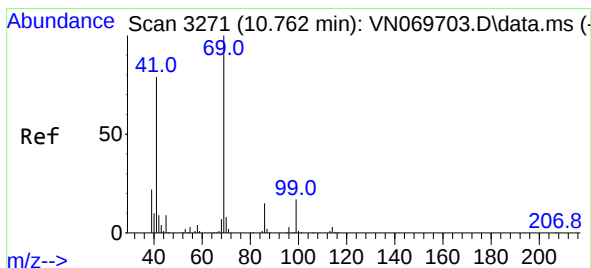
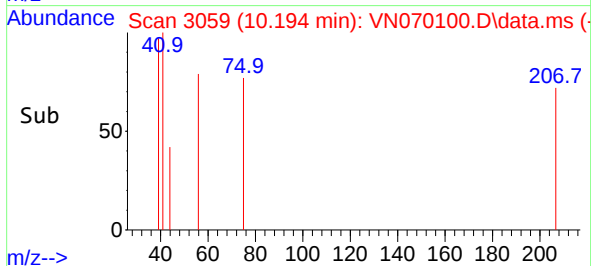
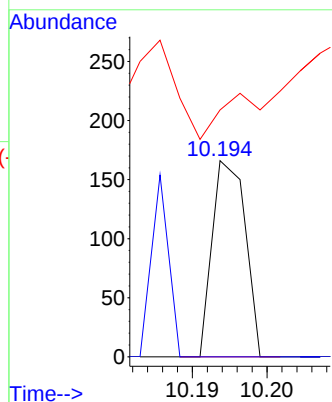


#54
cis-1,3-Dichloropropene
Concen: 2.000 ug/l
RT: 10.194 min Scan# 3058
Delta R.T. 0.003 min
Lab File: VN070100.D
Acq: 15 Dec 2021 4:10

Instrument :
MSVOA_N
ClientSampleId :

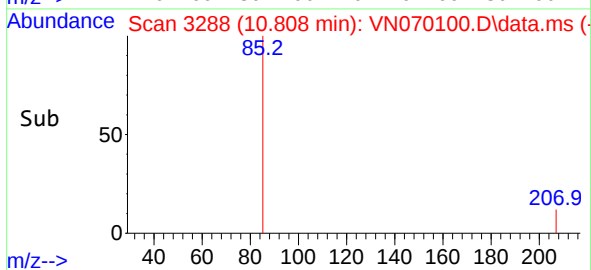
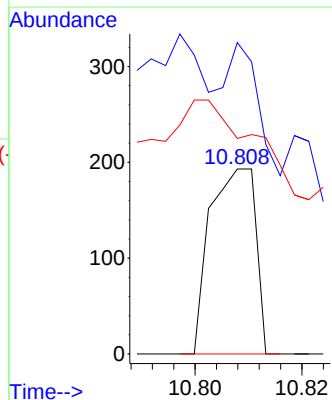
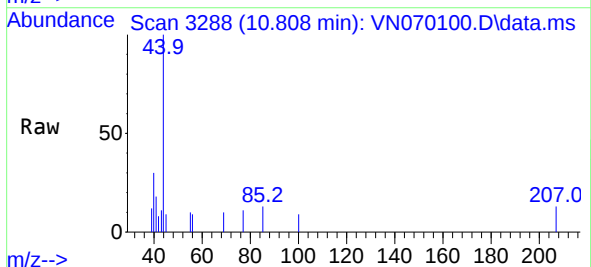


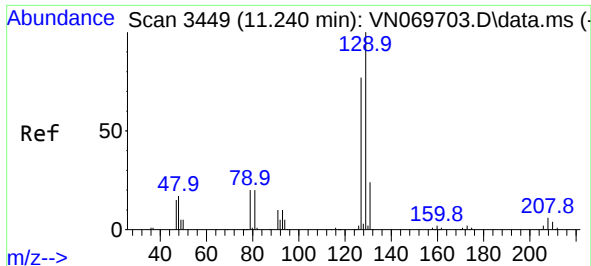
Tgt Ion: 75 Resp: 51
Ion Ratio Lower Upper
75 100
77 0.0 26.4 39.6#
39 0.0 42.5 63.7#



#56
Ethyl methacrylate
Concen: 2.283 ug/l
RT: 10.808 min Scan# 3288
Delta R.T. 0.046 min
Lab File: VN070100.D
Acq: 15 Dec 2021 4:10

Tgt Ion: 69 Resp: 114
Ion Ratio Lower Upper
69 100
41 407.0 51.4 77.0#
39 457.9 34.6 52.0#

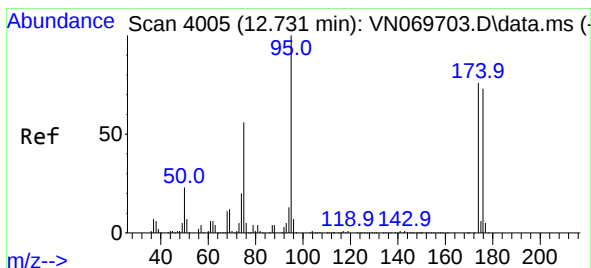
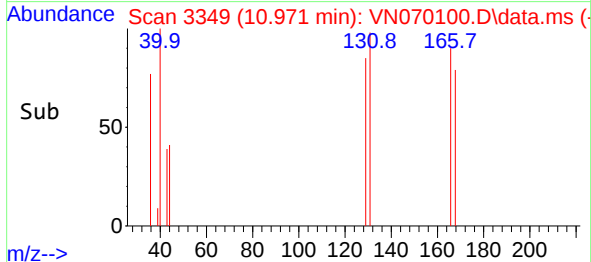
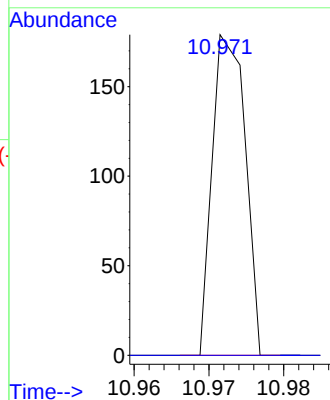
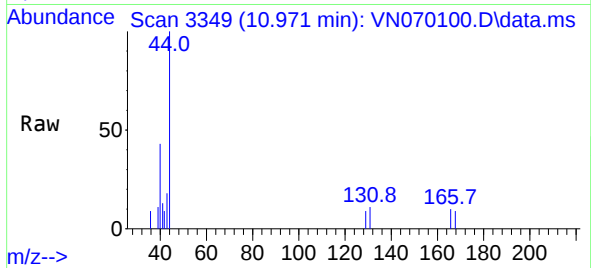




#60
Dibromochloromethane
Concen: 2.379 ug/l
RT: 10.971 min Scan# 31
Delta R.T. -0.269 min
Lab File: VN070100.D
Acq: 15 Dec 2021 4:10

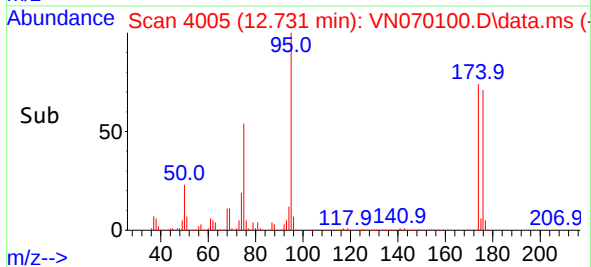
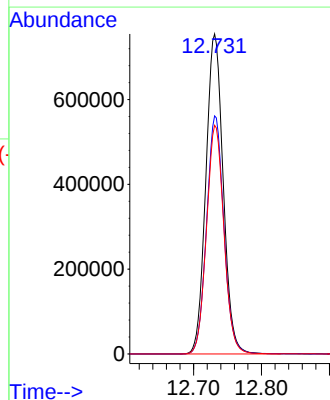
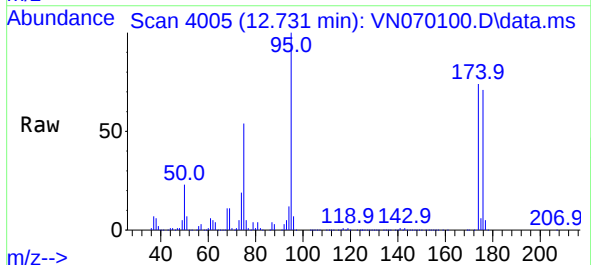
Instrument :
MSVOA_N
ClientSampleId :

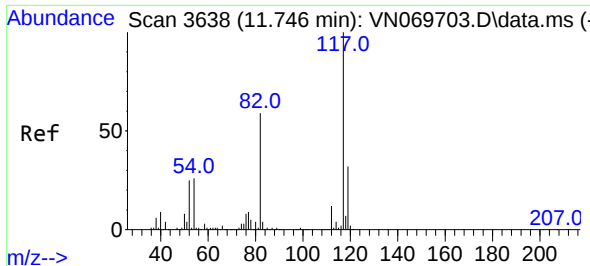
Tgt Ion:129 Resp: 55
Ion Ratio Lower Upper
129 100
127 0.0 38.6 116.0#



#62
4-Bromofluorobenzene
Concen: 66.252 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070100.D
Acq: 15 Dec 2021 4:10

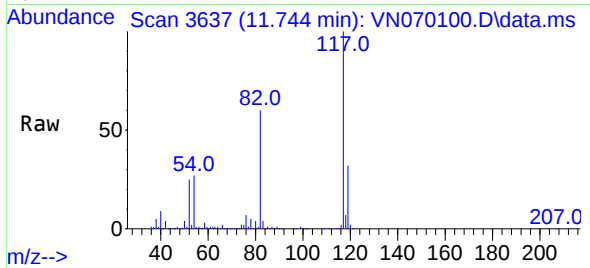
Tgt Ion: 95 Resp: 1336265
Ion Ratio Lower Upper
95 100
174 74.3 0.0 187.2
176 71.8 0.0 181.4





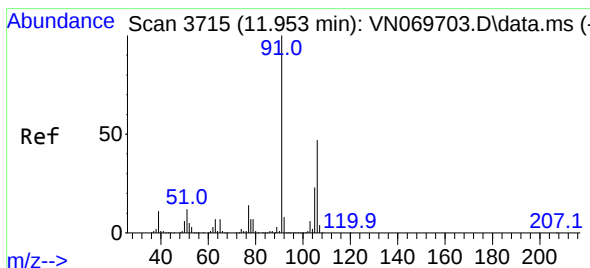
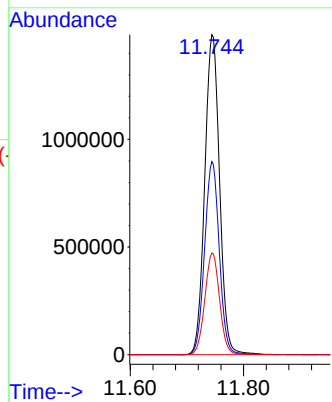
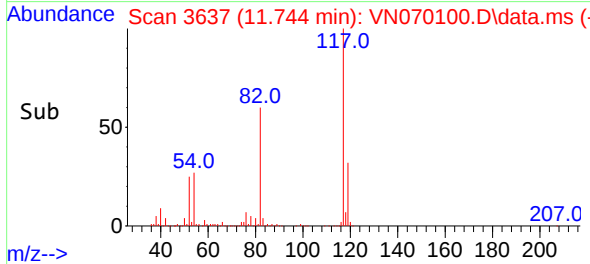
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3638
Delta R.T. -0.002 min
Lab File: VN070100.D
Acq: 15 Dec 2021 4:10

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:117 Resp: 2700724

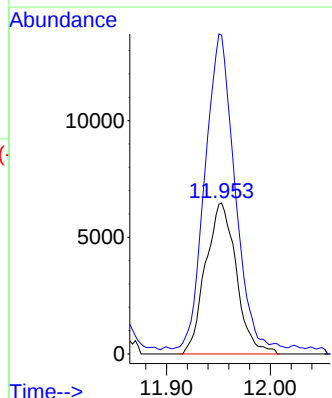
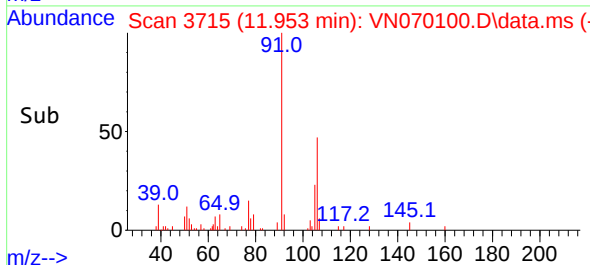
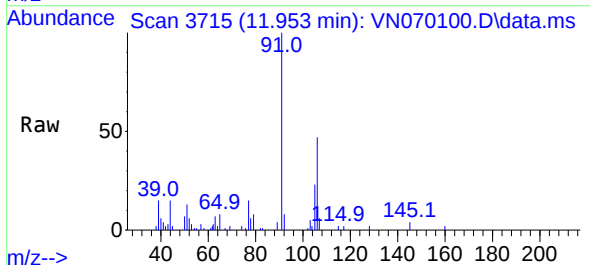
Ion	Ratio	Lower	Upper
117	100		
82	60.4	42.4	63.6
119	31.8	25.4	38.2

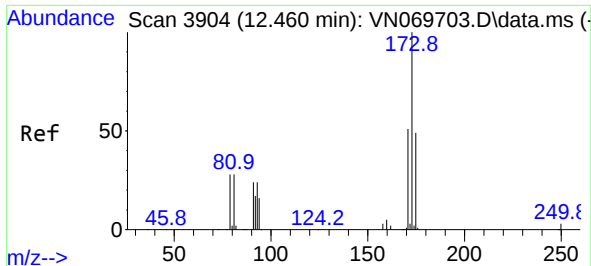


#68
m/p-Xylenes
Concen: 0.367 ug/l
RT: 11.953 min Scan# 3715
Delta R.T. 0.000 min
Lab File: VN070100.D
Acq: 15 Dec 2021 4:10

Tgt Ion:106 Resp: 13291

Ion	Ratio	Lower	Upper
106	100		
91	199.5	160.6	240.8

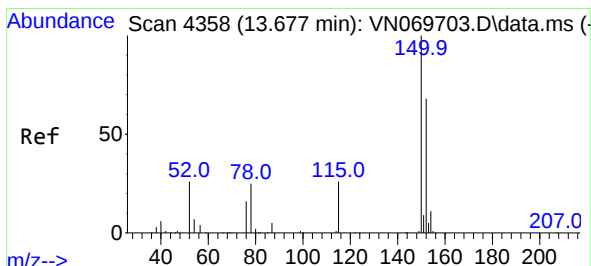
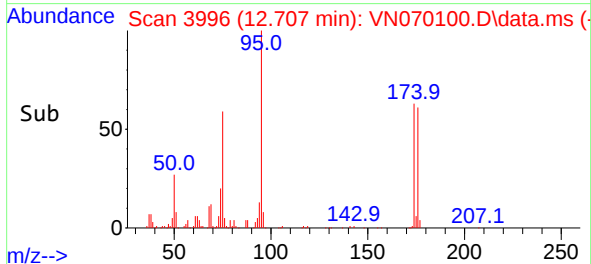
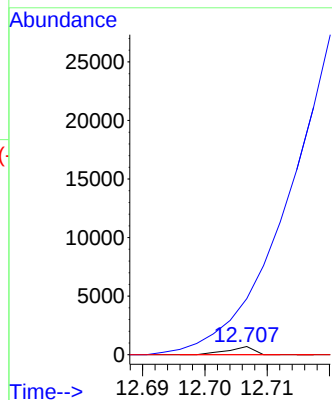
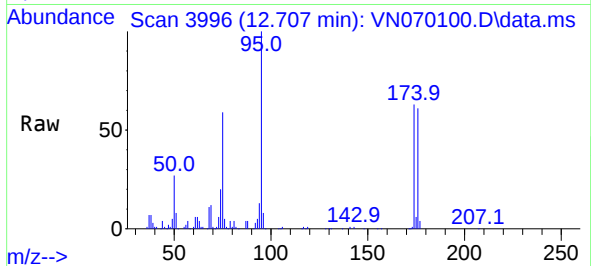




#71
Bromoform
Concen: 2.742 ug/l
RT: 12.707 min Scan# 3904
Delta R.T. 0.247 min
Lab File: VN070100.D
Acq: 15 Dec 2021 4:10

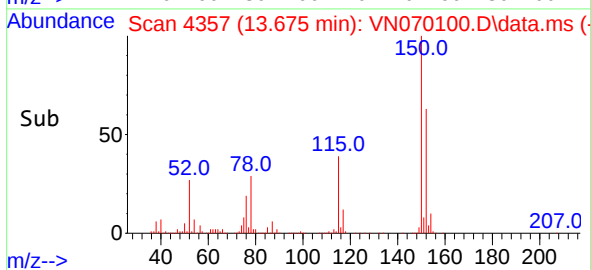
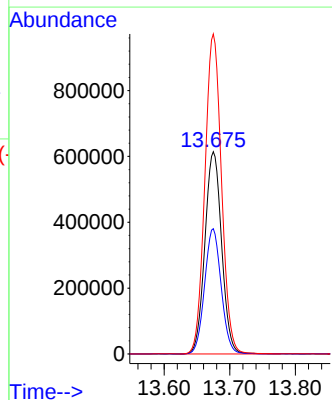
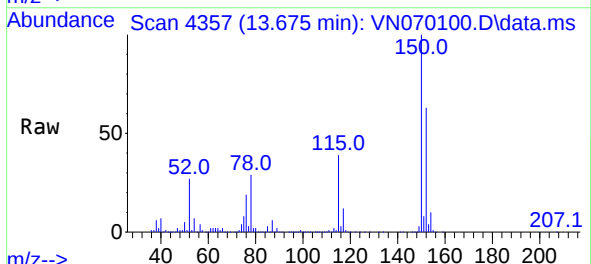
Instrument :
MSVOA_N
ClientSampleId :

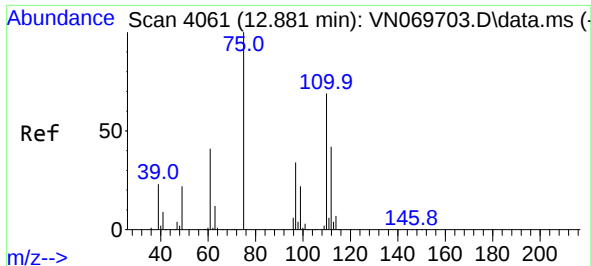
Tgt Ion:173 Resp: 200
Ion Ratio Lower Upper
173 100
175 0.0 24.2 72.6#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. -0.003 min
Lab File: VN070100.D
Acq: 15 Dec 2021 4:10

Tgt Ion:152 Resp: 1089799
Ion Ratio Lower Upper
152 100
115 61.1 27.5 82.5
150 156.8 0.0 344.4

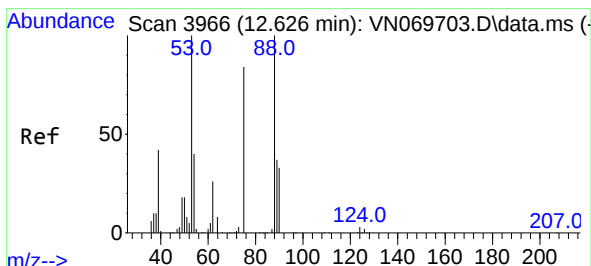
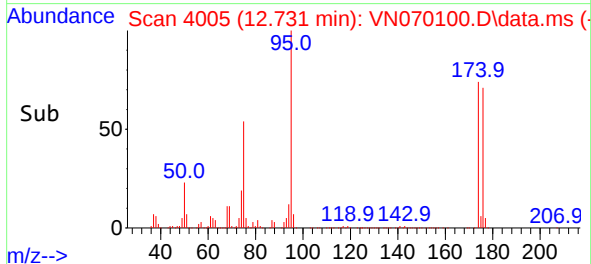
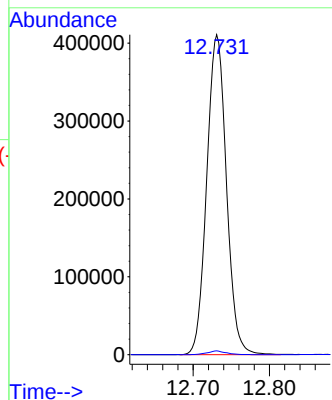
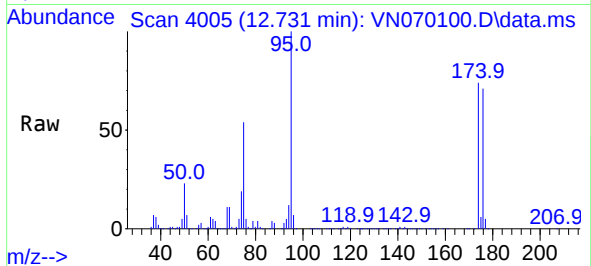




#76
1,2,3-Trichloropropane
Concen: 23.534 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.150 min
Lab File: VN070100.D
Acq: 15 Dec 2021 4:10

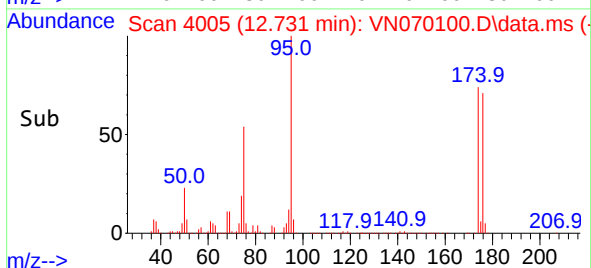
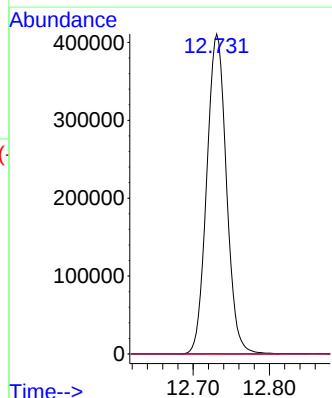
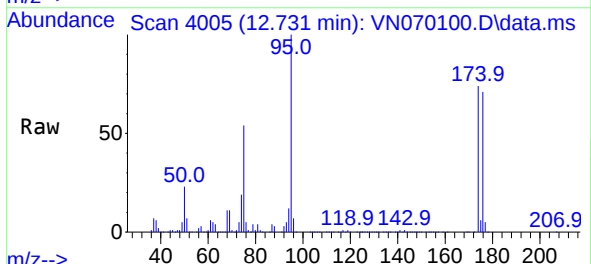
Instrument :
MSVOA_N
ClientSampleId :

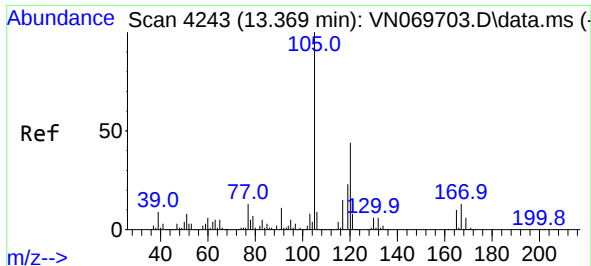
Tgt Ion: 75 Resp: 735492
Ion Ratio Lower Upper
75 100
77 1.1 82.6 247.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 74.828 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. 0.105 min
Lab File: VN070100.D
Acq: 15 Dec 2021 4:10

Tgt Ion: 75 Resp: 735492
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 38.2 57.4#

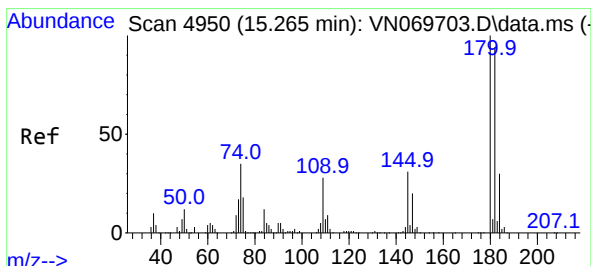
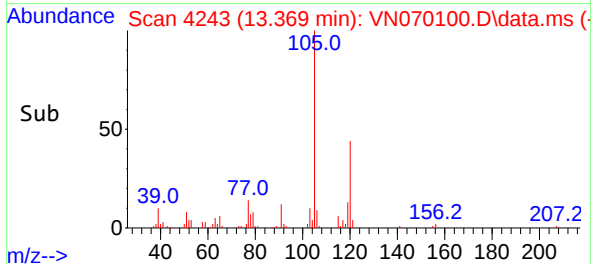
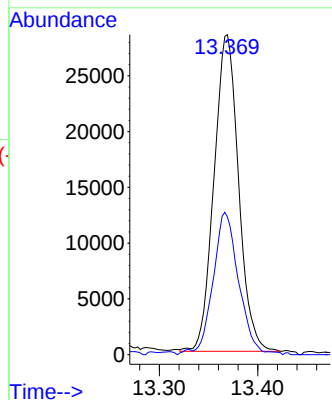
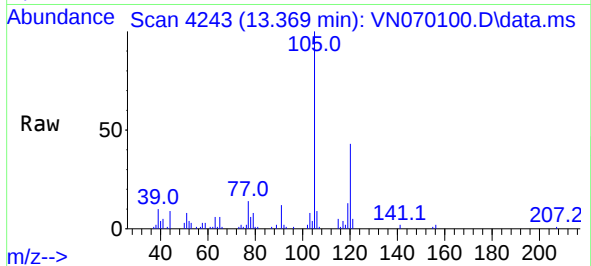




#84
1,2,4-Trimethylbenzene
Concen: 0.665 ug/l
RT: 13.369 min Scan# 4941
Delta R.T. 0.000 min
Lab File: VN070100.D
Acq: 15 Dec 2021 4:10

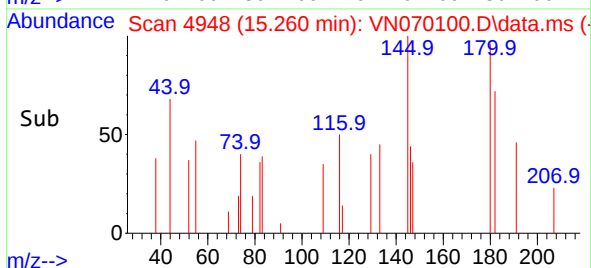
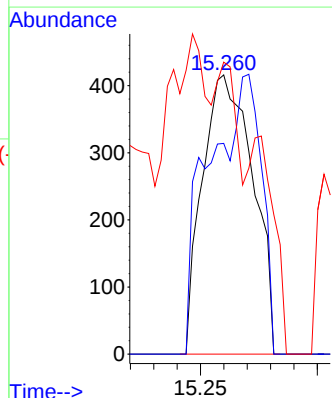
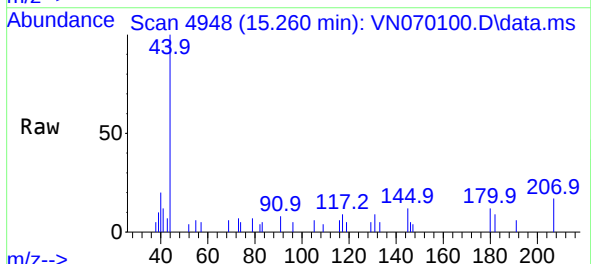
Instrument :
MSVOA_N
ClientSampleId :

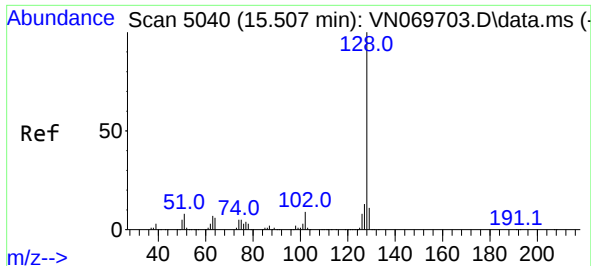
Tgt Ion:105 Resp: 49413
Ion Ratio Lower Upper
105 100
120 46.4 22.8 68.4



#93
1,2,4-Trichlorobenzene
Concen: 2.911 ug/l
RT: 15.260 min Scan# 4948
Delta R.T. -0.005 min
Lab File: VN070100.D
Acq: 15 Dec 2021 4:10

Tgt Ion:180 Resp: 625
Ion Ratio Lower Upper
180 100
182 104.2 48.3 144.9
145 0.0 14.5 43.5#

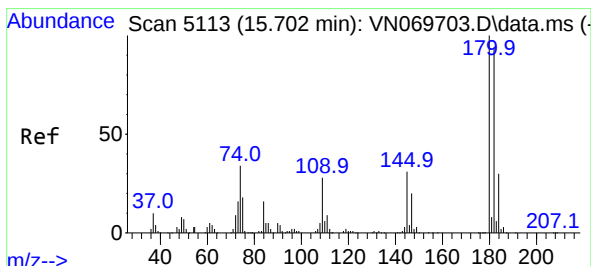
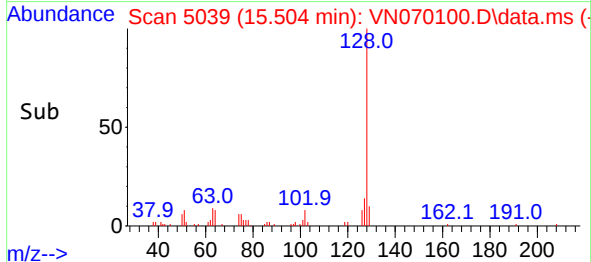
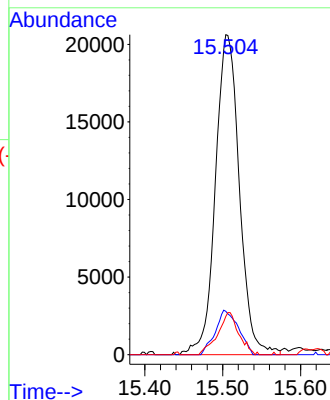
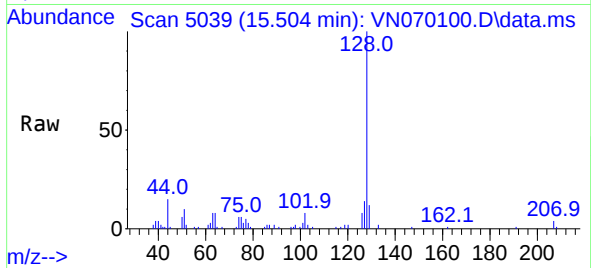




#95
Naphthalene
Concen: 4.746 ug/l
RT: 15.504 min Scan# 5040
Delta R.T. -0.003 min
Lab File: VN070100.D
Acq: 15 Dec 2021 4:10

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:128 Resp: 44006
Ion Ratio Lower Upper
128 100
127 13.4 10.5 15.7
129 11.5 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 2.457 ug/l
RT: 15.694 min Scan# 5110
Delta R.T. -0.008 min
Lab File: VN070100.D
Acq: 15 Dec 2021 4:10

Tgt Ion:180 Resp: 387
Ion Ratio Lower Upper
180 100
182 251.7 47.4 142.2#
145 81.4 15.0 45.1#

