

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121621\
 Data File : VN070141.D
 Acq On : 16 Dec 2021 16:40
 Operator : JC/MD
 Sample : M5011-13
 Misc : 3.39g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 16 17:31:18 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)

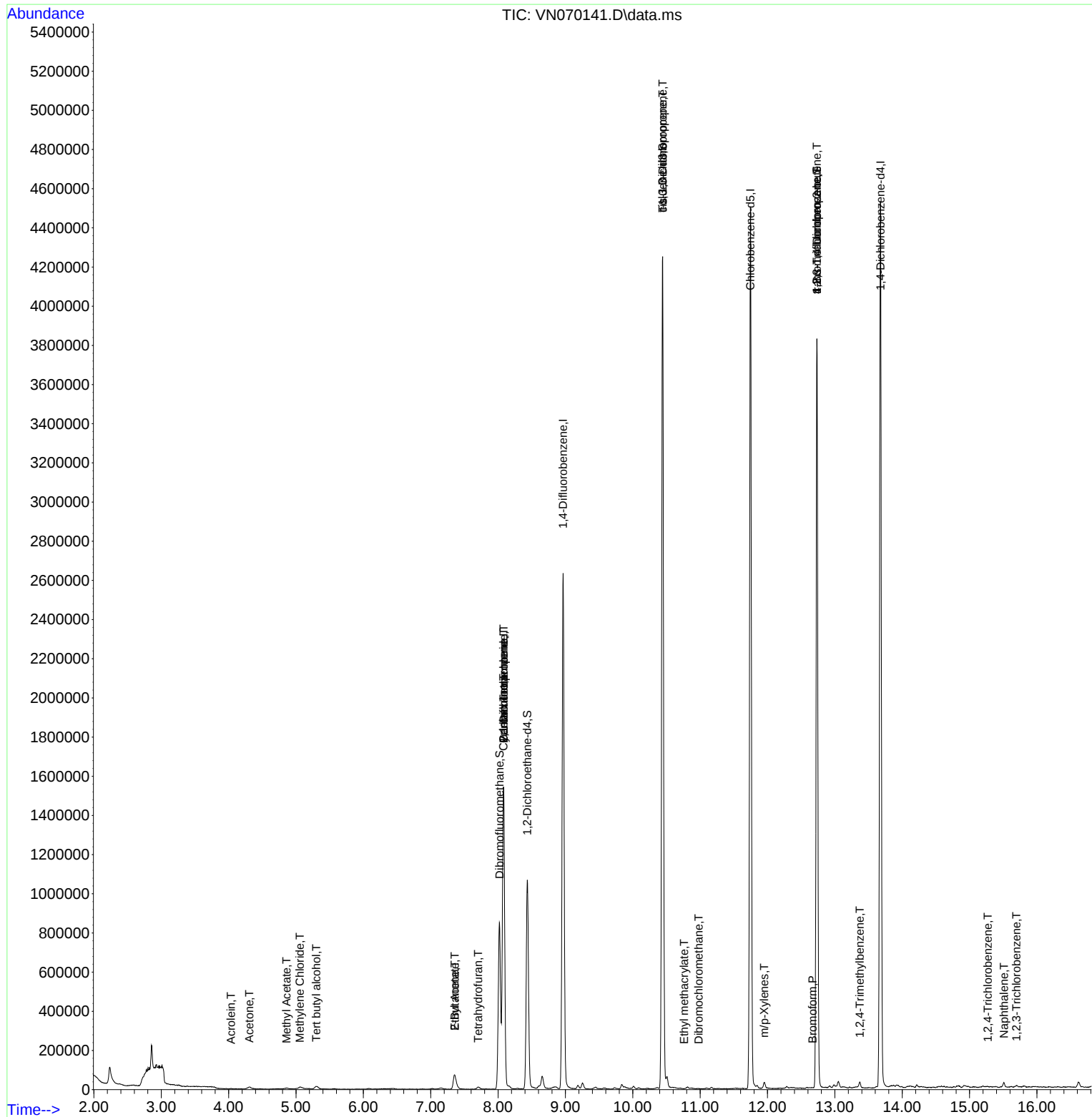
Internal Standards						
1) Pentafluorobenzene	8.083	168	1186031	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	2233338	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	2482648	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	1199338	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	929703	50.769	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 101.540%			
35) Dibromofluoromethane	8.021	113	609803	43.591	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 87.180%			
50) Toluene-d8	10.443	98	2915443	51.903	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 103.800%			
62) 4-Bromofluorobenzene	12.733	95	1314275	64.585	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 129.160%			
Target Compounds					Qvalue	
11) Tert butyl alcohol	5.302	59	15549	4.492	ug/l #	72
13) Acrolein	4.033	56	854	0.290	ug/l #	50
16) Acetone	4.307	43	7857	0.713	ug/l #	77
18) Methyl Acetate	4.859	43	7345	0.221	ug/l #	69
20) Methylene Chloride	5.058	84	5602	0.383	ug/l	94
25) 2-Butanone	7.356	43	151038	10.091	ug/l #	86
29) Tetrahydrofuran	7.705	42	9999	1.100	ug/l #	64
31) Cyclohexane	8.077	56	31602	1.240	ug/l #	25
36) 1,1-Dichloropropene	8.083	75	95451	4.490	ug/l #	49
37) Ethyl Acetate	7.356	43	151038	4.773	ug/l #	68
38) Carbon Tetrachloride	8.083	117	120110	5.761	ug/l #	16
53) t-1,3-Dichloropropene	10.443	75	1105	2.834	ug/l #	1
54) cis-1,3-Dichloropropene	10.443	75	1105	2.037	ug/l #	1
56) Ethyl methacrylate	10.762	69	242	2.287	ug/l #	24
60) Dibromochloromethane	10.977	129	274	2.391	ug/l #	11
68) m/p-Xylenes	11.953	106	8452	0.254	ug/l	78
71) Bromoform	12.669	173	53	2.734	ug/l #	29
76) 1,2,3-Trichloropropane	12.733	75	728149	21.171	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.733	75	728149	67.722	ug/l #	5
84) 1,2,4-Trimethylbenzene	13.372	105	16451	0.201	ug/l	96
93) 1,2,4-Trichlorobenzene	15.271	180	1748	2.962	ug/l #	59
95) Naphthalene	15.509	128	19698	4.294	ug/l	98
96) 1,2,3-Trichlorobenzene	15.694	180	1628	2.516	ug/l #	70

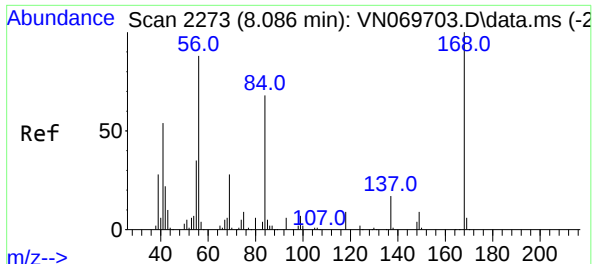
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121621\
Data File : VN070141.D
Acq On : 16 Dec 2021 16:40
Operator : JC/MD
Sample : M5011-13
Misc : 3.39g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

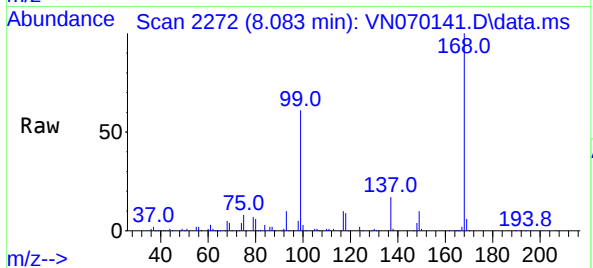
Quant Time: Dec 16 17:31:18 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 03 08:46:47 2021
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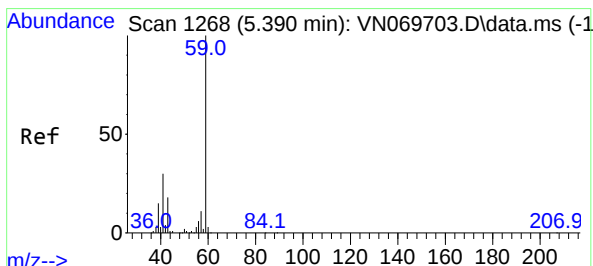
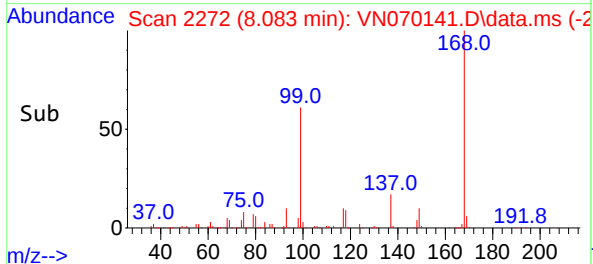
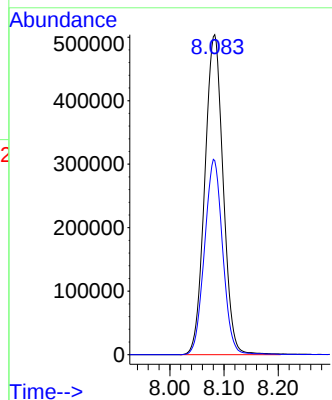


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.083 min Scan# 21
Delta R.T. -0.003 min
Lab File: VN070141.D
Acq: 16 Dec 2021 16:40

Instrument :
MSVOA_N
ClientSampleId :

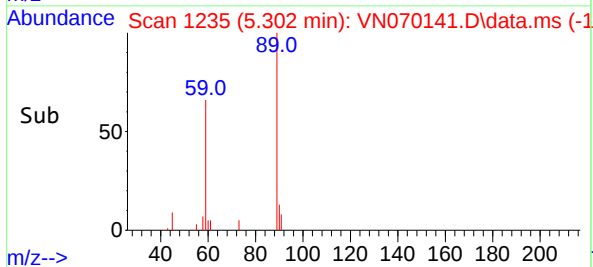
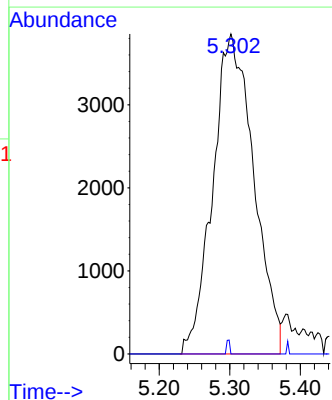
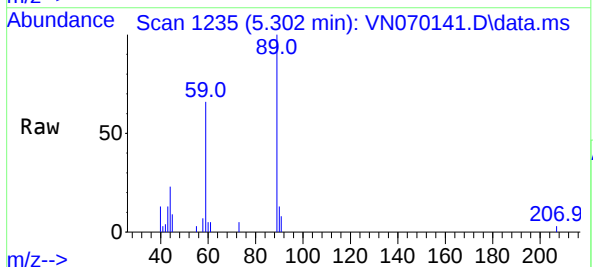


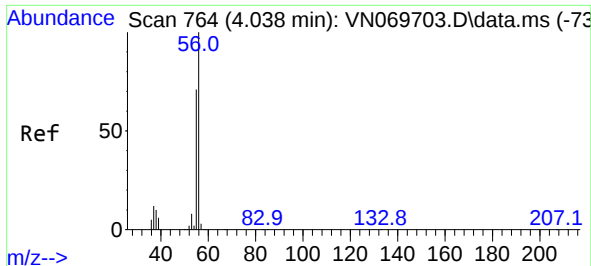
Tgt Ion:168 Resp: 1186031
Ion Ratio Lower Upper
168 100
99 60.6 41.3 61.9



#11
Tert butyl alcohol
Concen: 4.492 ug/l
RT: 5.302 min Scan# 1235
Delta R.T. -0.088 min
Lab File: VN070141.D
Acq: 16 Dec 2021 16:40

Tgt Ion: 59 Resp: 15549
Ion Ratio Lower Upper
59 100
57 0.3 8.7 13.1#

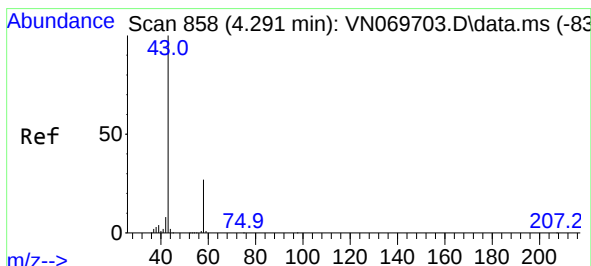
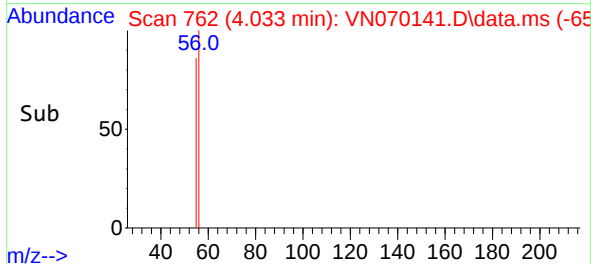
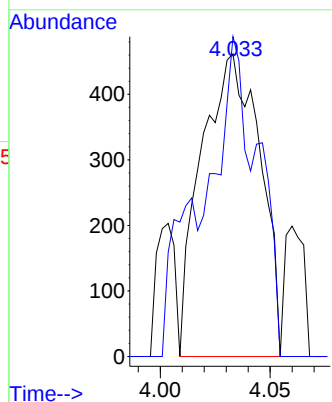
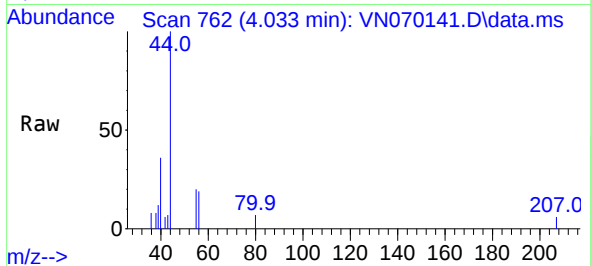




#13
Acrolein
Concen: 0.290 ug/l
RT: 4.033 min Scan# 762
Delta R.T. -0.005 min
Lab File: VN070141.D
Acq: 16 Dec 2021 16:40

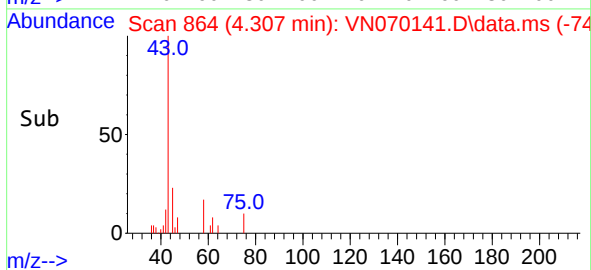
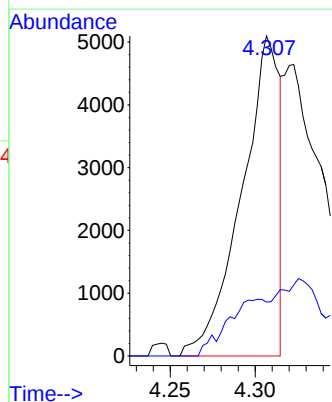
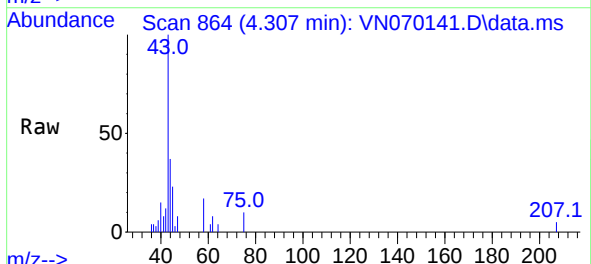
Instrument :
MSVOA_N
ClientSampleId :

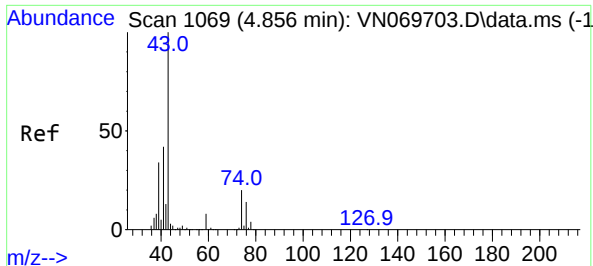
Tgt Ion: 56 Resp: 854
Ion Ratio Lower Upper
56 100
55 29.3 56.6 85.0#



#16
Acetone
Concen: 0.713 ug/l
RT: 4.307 min Scan# 864
Delta R.T. 0.016 min
Lab File: VN070141.D
Acq: 16 Dec 2021 16:40

Tgt Ion: 43 Resp: 7857
Ion Ratio Lower Upper
43 100
58 16.9 23.1 34.7#





#18

Methyl Acetate

Concen: 0.221 ug/l

RT: 4.859 min Scan# 1144

Delta R.T. 0.003 min

Lab File: VN070141.D

Acq: 16 Dec 2021 16:40

Instrument :

MSVOA_N

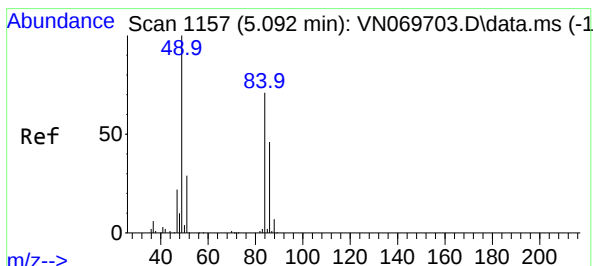
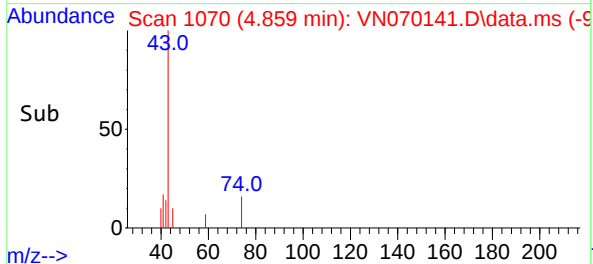
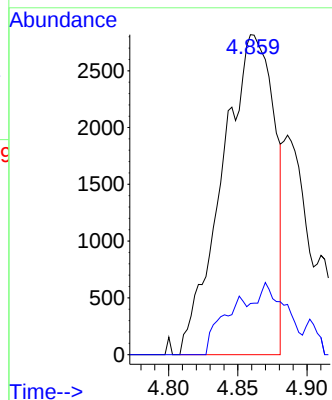
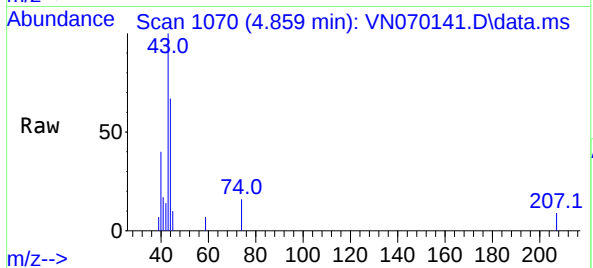
ClientSampleId :

Tgt Ion: 43 Resp: 7345

Ion Ratio Lower Upper

43 100

74 8.7 19.4 29.2#



#20

Methylene Chloride

Concen: 0.383 ug/l

RT: 5.058 min Scan# 1144

Delta R.T. -0.035 min

Lab File: VN070141.D

Acq: 16 Dec 2021 16:40

Tgt Ion: 84 Resp: 5602

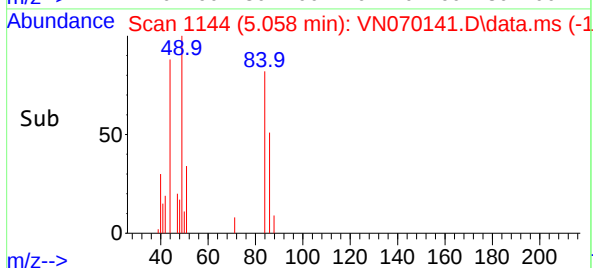
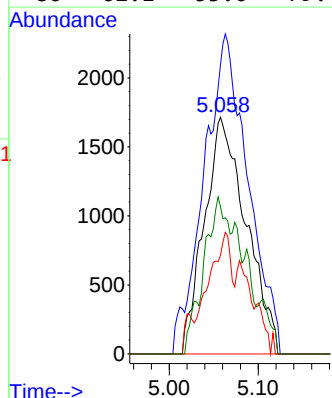
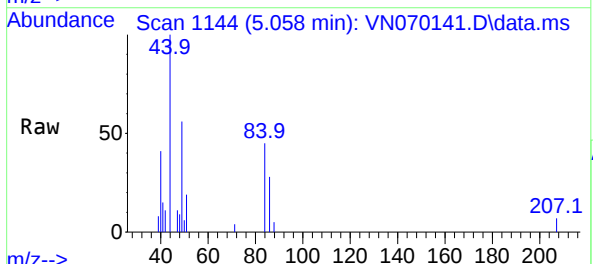
Ion Ratio Lower Upper

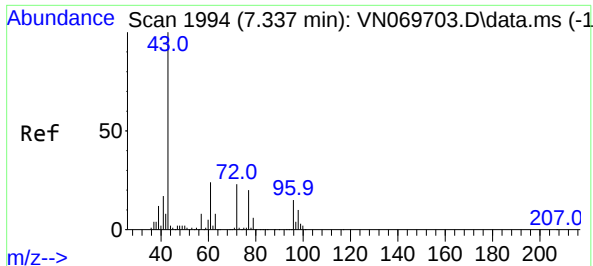
84 100

49 122.3 93.5 140.3

51 41.7 29.4 44.2

86 62.1 53.0 79.4

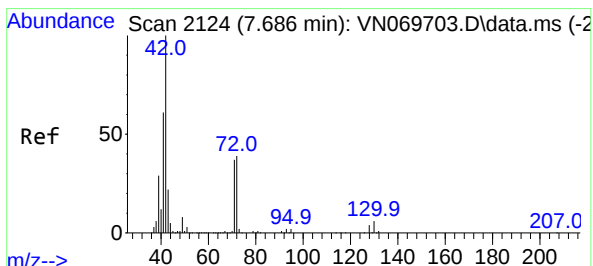
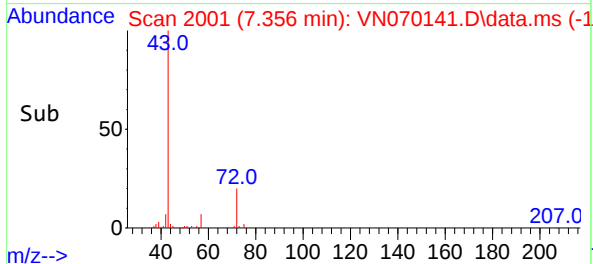
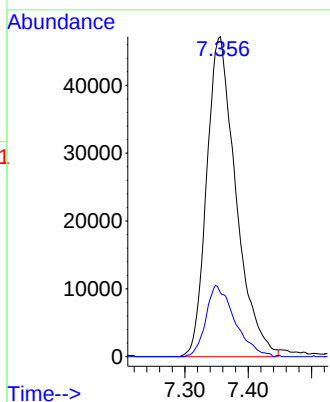
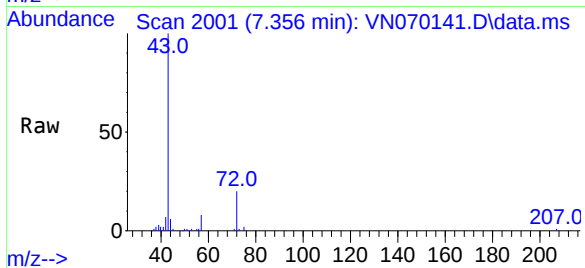




#25
2-Butanone
Concen: 10.091 ug/l
RT: 7.356 min Scan# 20
Delta R.T. 0.019 min
Lab File: VN070141.D
Acq: 16 Dec 2021 16:40

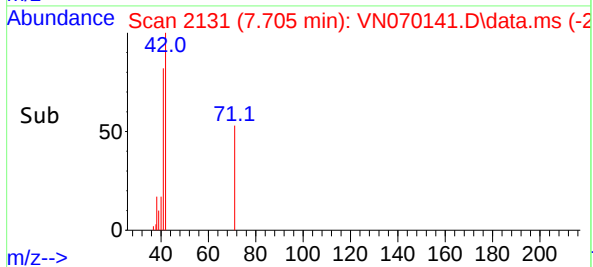
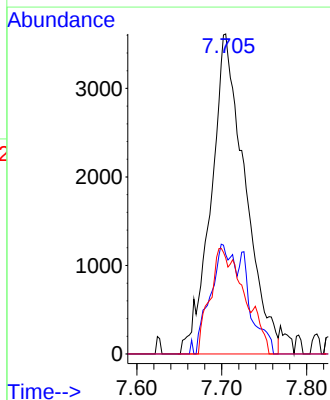
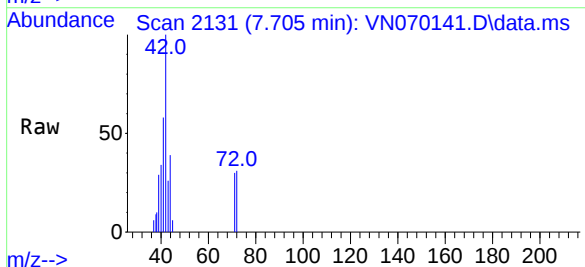
Instrument :
MSVOA_N
ClientSampleId :

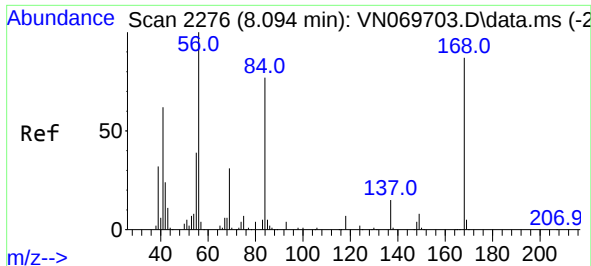
Tgt Ion: 43 Resp: 151038
Ion Ratio Lower Upper
43 100
72 20.0 21.7 32.5#



#29
Tetrahydrofuran
Concen: 1.100 ug/l
RT: 7.705 min Scan# 2131
Delta R.T. 0.019 min
Lab File: VN070141.D
Acq: 16 Dec 2021 16:40

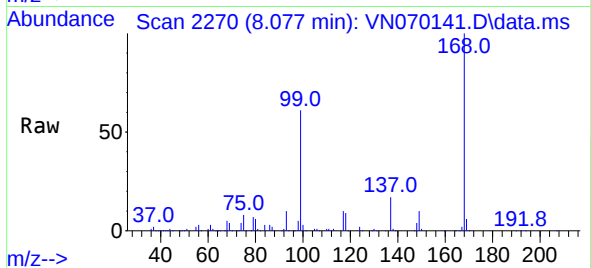
Tgt Ion: 42 Resp: 9999
Ion Ratio Lower Upper
42 100
72 24.2 36.3 54.5#
71 17.1 34.7 52.1#



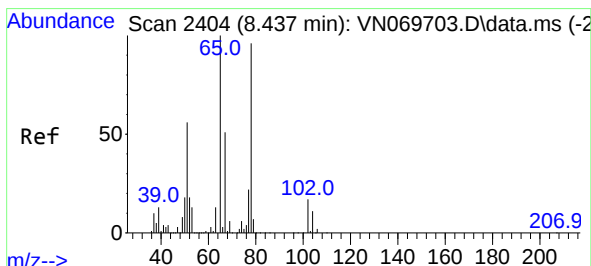
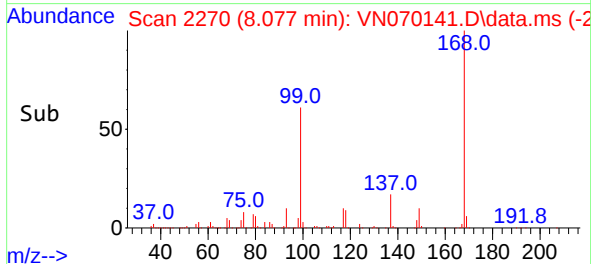
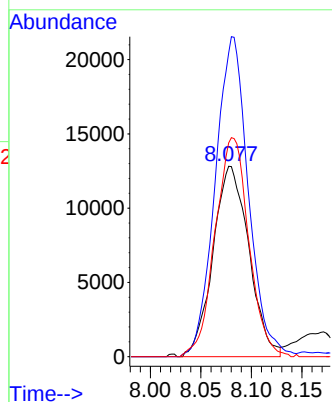


#31
Cyclohexane
Concen: 1.240 ug/l
RT: 8.077 min Scan# 21
Delta R.T. -0.016 min
Lab File: VN070141.D
Acq: 16 Dec 2021 16:40

Instrument :
MSVOA_N
ClientSampleId :

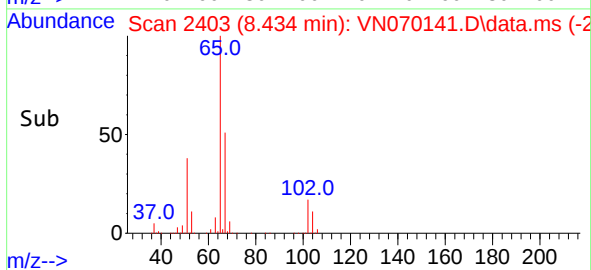
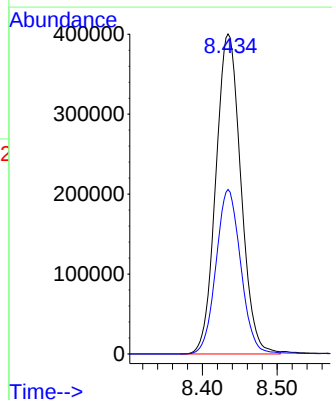
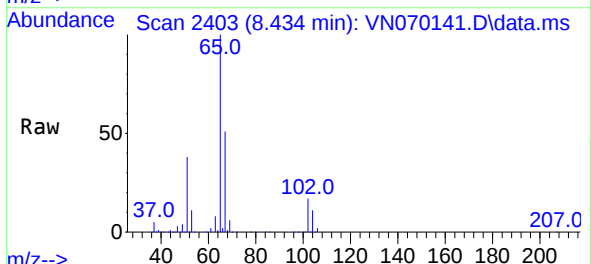


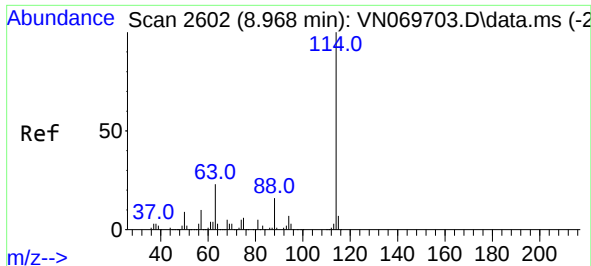
Tgt Ion: 56 Resp: 31602
Ion Ratio Lower Upper
56 100
69 159.5 27.1 40.7#
84 112.3 73.4 110.0#



#33
1,2-Dichloroethane-d4
Concen: 50.769 ug/l
RT: 8.434 min Scan# 2403
Delta R.T. -0.003 min
Lab File: VN070141.D
Acq: 16 Dec 2021 16:40

Tgt Ion: 65 Resp: 929703
Ion Ratio Lower Upper
65 100
67 51.0 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: VN070141.D

Acq: 16 Dec 2021 16:40

Instrument :

MSVOA_N

ClientSampleId :

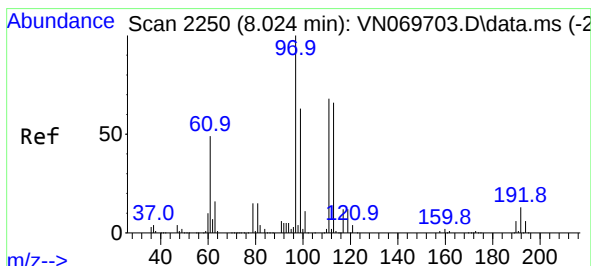
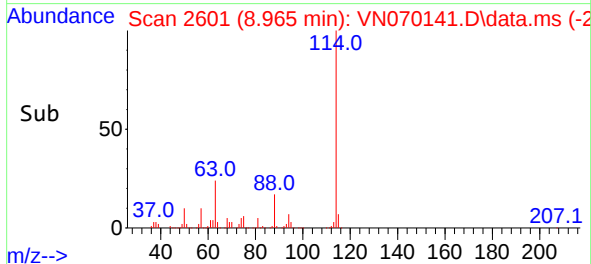
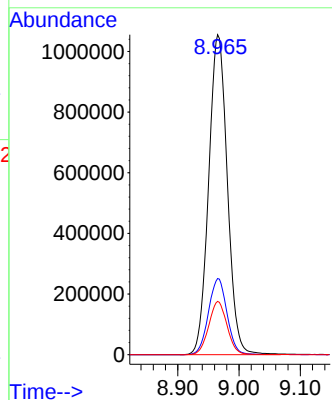
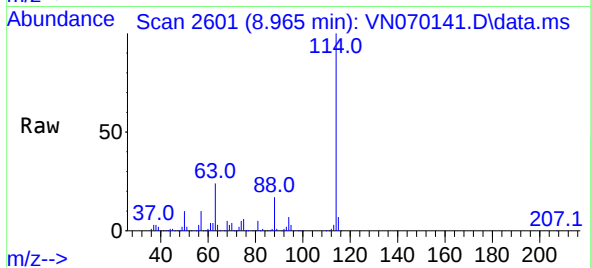
Tgt Ion:114 Resp: 2233338

Ion Ratio Lower Upper

114 100

63 23.8 0.0 37.8

88 16.6 0.0 27.4



#35

Dibromofluoromethane

Concen: 43.591 ug/l

RT: 8.021 min Scan# 2249

Delta R.T. -0.003 min

Lab File: VN070141.D

Acq: 16 Dec 2021 16:40

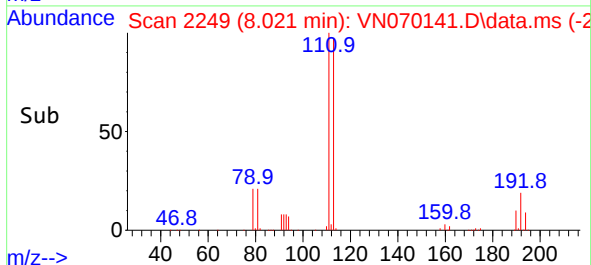
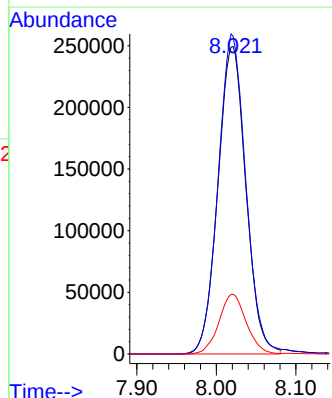
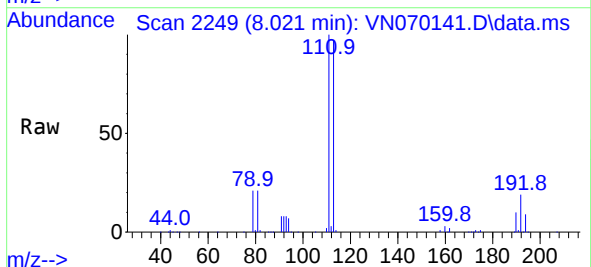
Tgt Ion:113 Resp: 609803

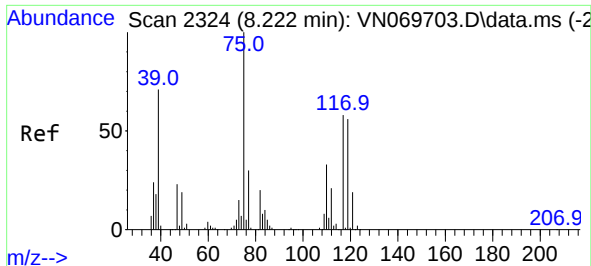
Ion Ratio Lower Upper

113 100

111 103.8 82.2 123.2

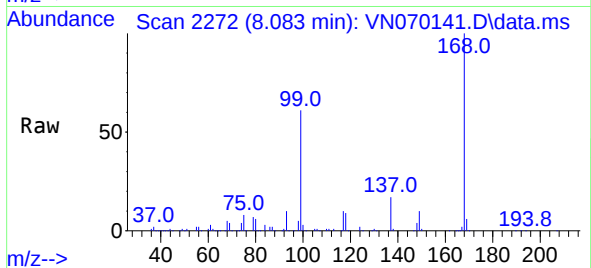
192 19.0 16.9 25.3



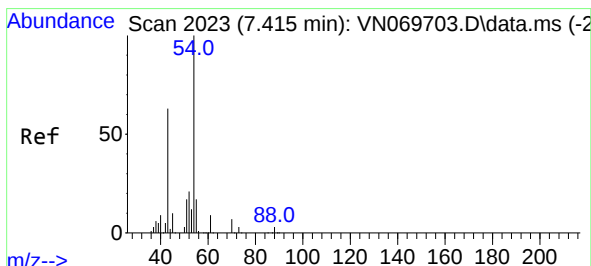
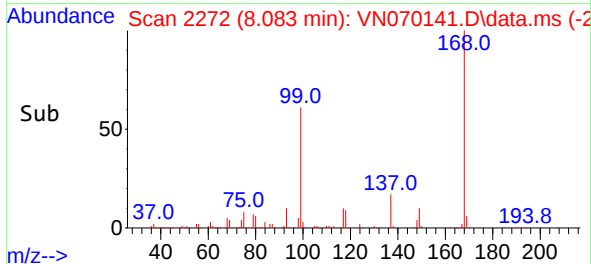
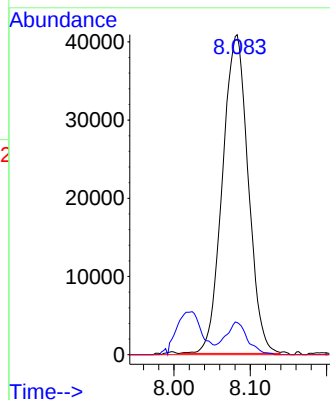


#36
1,1-Dichloropropene
Concen: 4.490 ug/l
RT: 8.083 min Scan# 21
Delta R.T. -0.139 min
Lab File: VN070141.D
Acq: 16 Dec 2021 16:40

Instrument :
MSVOA_N
ClientSampleId :

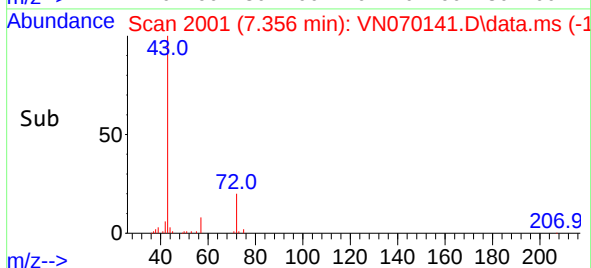
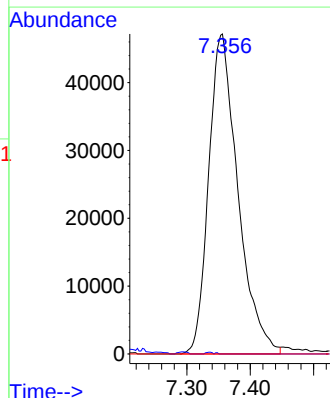
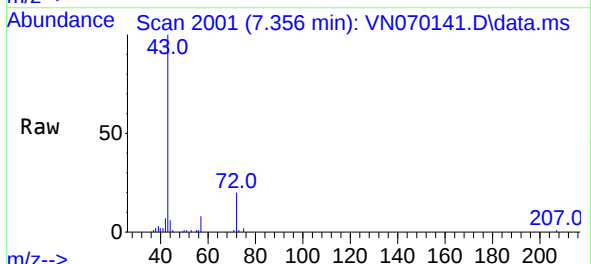


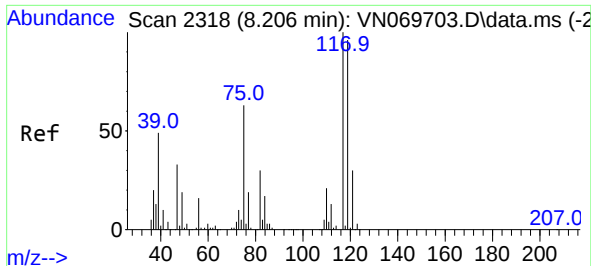
Tgt Ion: 75 Resp: 95451
Ion Ratio Lower Upper
75 100
110 8.9 18.4 55.2#
77 0.0 24.4 36.6#



#37
Ethyl Acetate
Concen: 4.773 ug/l
RT: 7.356 min Scan# 2001
Delta R.T. -0.059 min
Lab File: VN070141.D
Acq: 16 Dec 2021 16:40

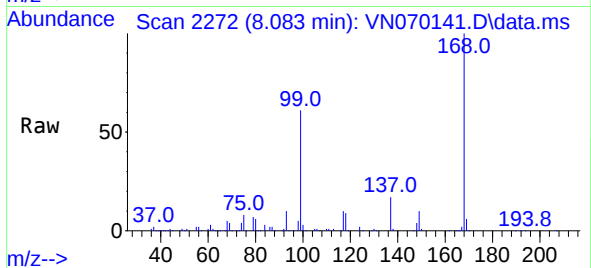
Tgt Ion: 43 Resp: 151038
Ion Ratio Lower Upper
43 100
61 0.0 11.5 17.3#
70 0.0 7.9 11.9#



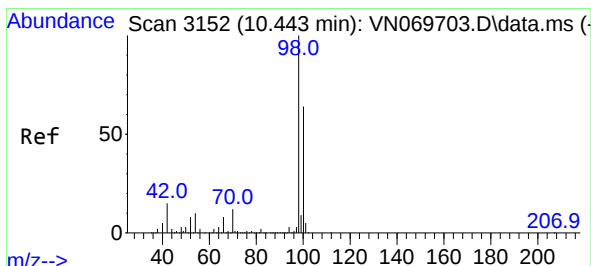
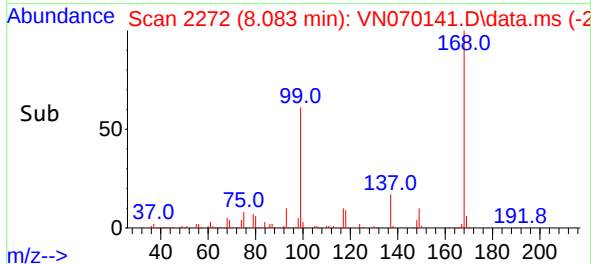
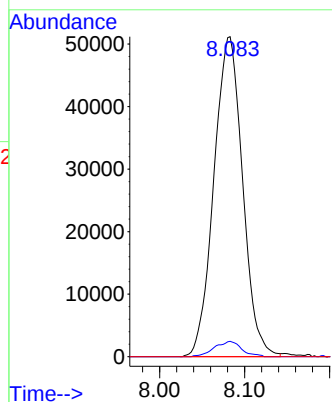


#38
Carbon Tetrachloride
Concen: 5.761 ug/l
RT: 8.083 min Scan# 2110
Delta R.T. -0.123 min
Lab File: VN070141.D
Acq: 16 Dec 2021 16:40

Instrument :
MSVOA_N
ClientSampleId :

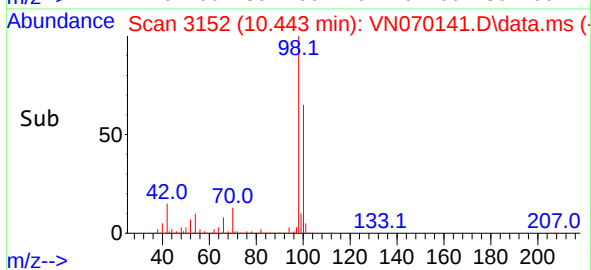
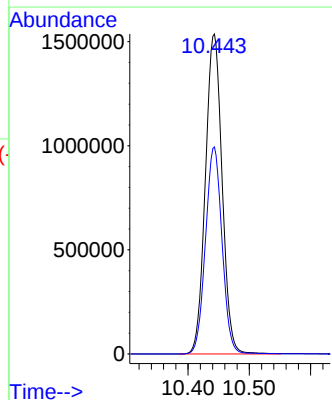
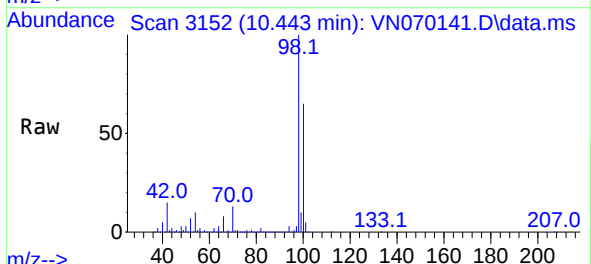


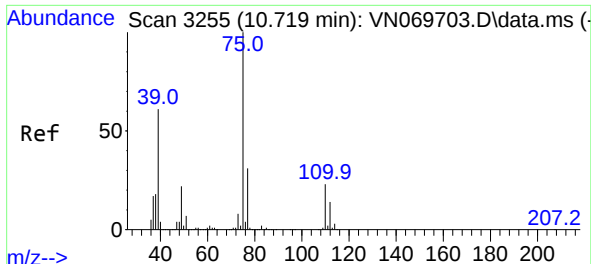
Tgt Ion:117 Resp: 120110
Ion Ratio Lower Upper
117 100
119 4.8 76.1 114.1#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 51.903 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN070141.D
Acq: 16 Dec 2021 16:40

Tgt Ion: 98 Resp: 2915443
Ion Ratio Lower Upper
98 100
100 63.9 50.4 75.6

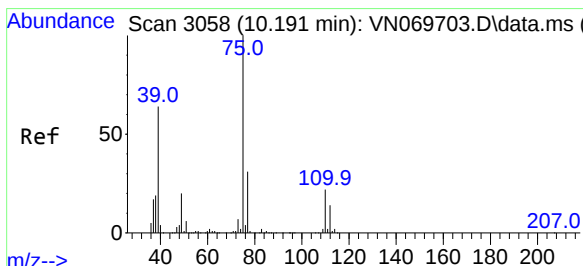
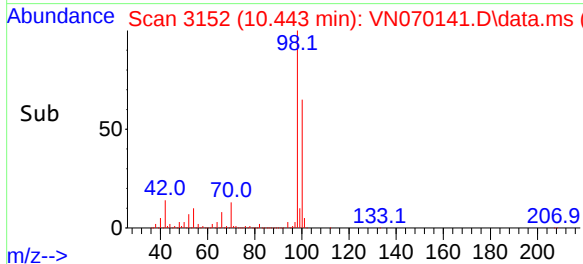
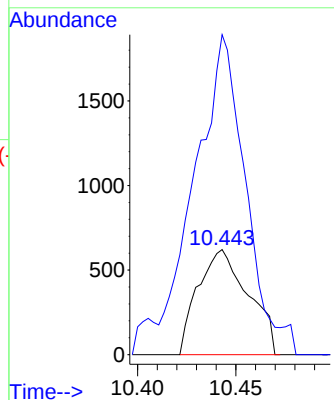
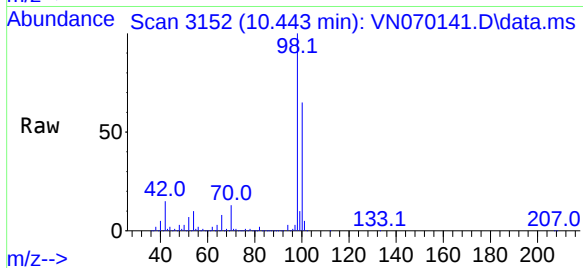




#53
 t-1,3-Dichloropropene
 Concen: 2.834 ug/l
 RT: 10.443 min Scan# 3152
 Delta R.T. -0.276 min
 Lab File: VN070141.D
 Acq: 16 Dec 2021 16:40

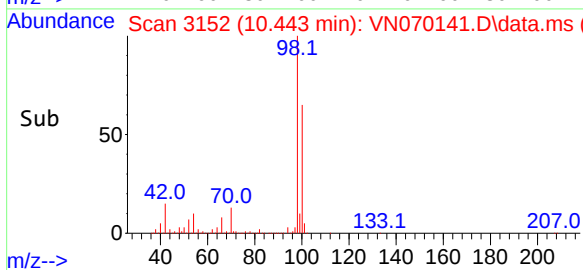
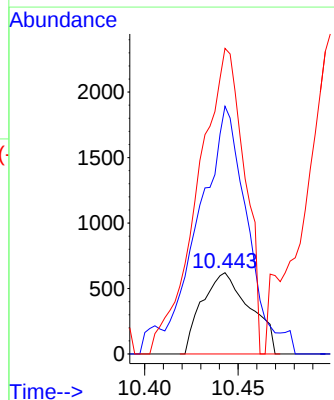
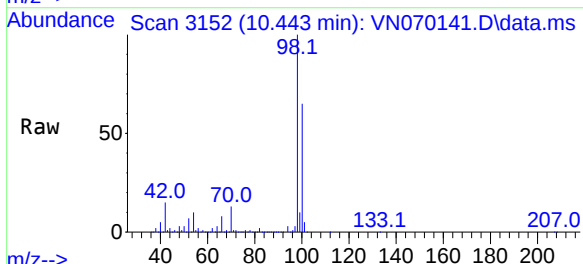
Instrument :
 MSVOA_N
 ClientSampleId :

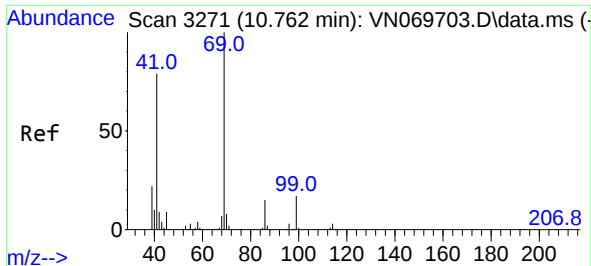
Tgt Ion: 75 Resp: 1105
 Ion Ratio Lower Upper
 75 100
 77 278.9 25.6 38.4#



#54
 cis-1,3-Dichloropropene
 Concen: 2.037 ug/l
 RT: 10.443 min Scan# 3152
 Delta R.T. 0.252 min
 Lab File: VN070141.D
 Acq: 16 Dec 2021 16:40

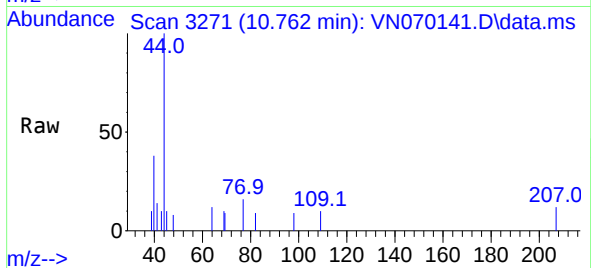
Tgt Ion: 75 Resp: 1105
 Ion Ratio Lower Upper
 75 100
 77 278.9 26.4 39.6#
 39 292.3 42.5 63.7#



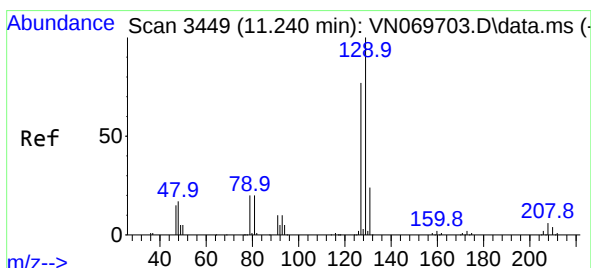
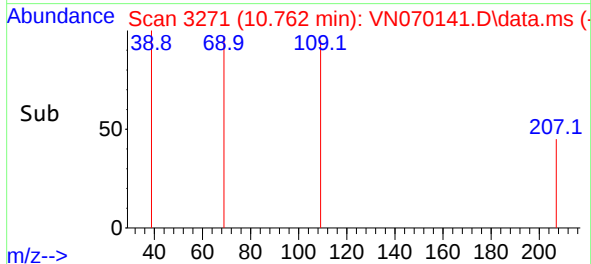
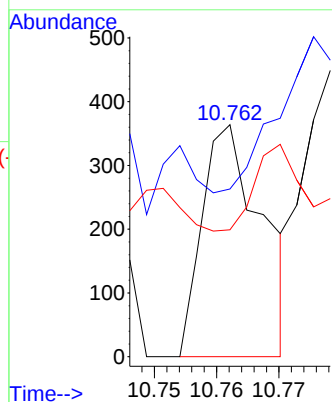


#56
Ethyl methacrylate
Concen: 2.287 ug/l
RT: 10.762 min Scan# 3351
Delta R.T. 0.000 min
Lab File: VN070141.D
Acq: 16 Dec 2021 16:40

Instrument :
MSVOA_N
ClientSampleId :

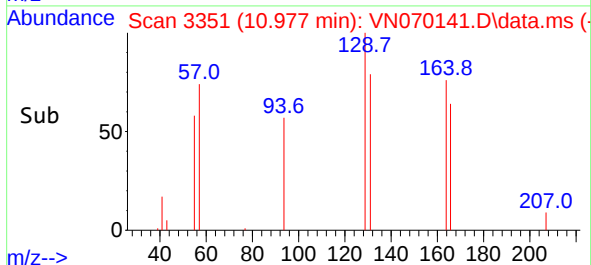
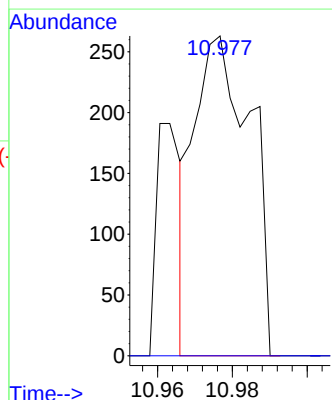
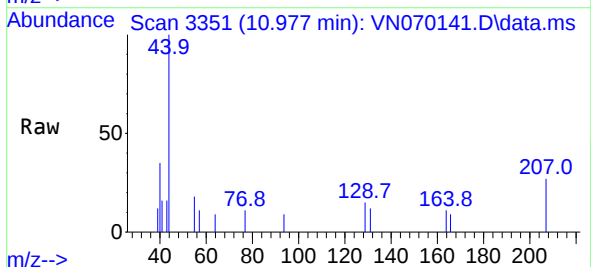


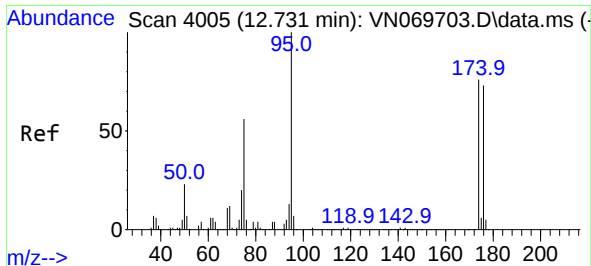
Tgt Ion: 69 Resp: 242
Ion Ratio Lower Upper
69 100
41 0.0 51.4 77.0#
39 0.0 34.6 52.0#



#60
Dibromochloromethane
Concen: 2.391 ug/l
RT: 10.977 min Scan# 3351
Delta R.T. -0.263 min
Lab File: VN070141.D
Acq: 16 Dec 2021 16:40

Tgt Ion: 129 Resp: 274
Ion Ratio Lower Upper
129 100
127 0.0 38.6 116.0#

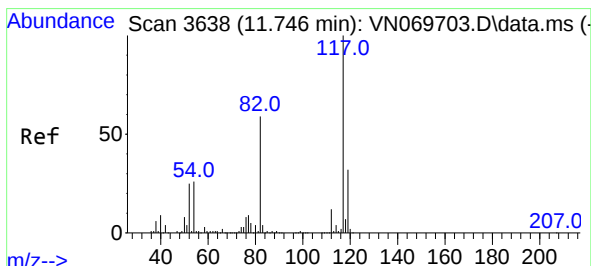
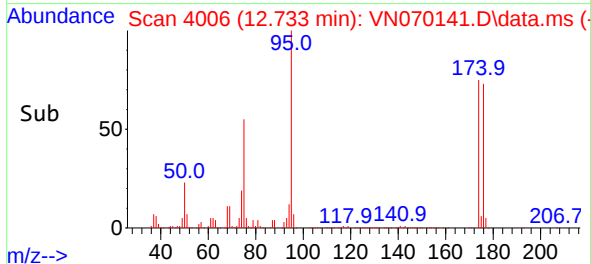
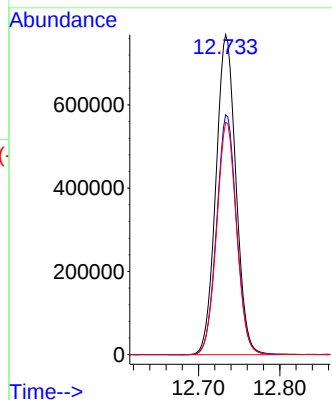
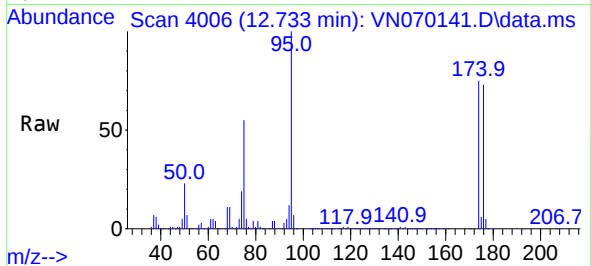




#62
4-Bromofluorobenzene
Concen: 64.585 ug/l
RT: 12.733 min Scan# 4005
Delta R.T. 0.002 min
Lab File: VN070141.D
Acq: 16 Dec 2021 16:40

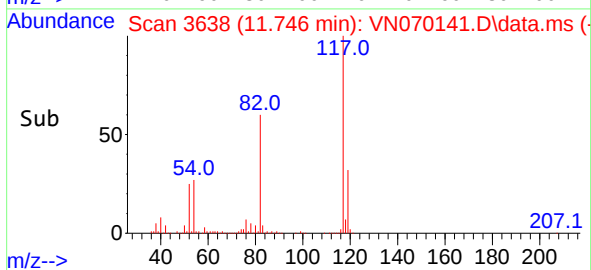
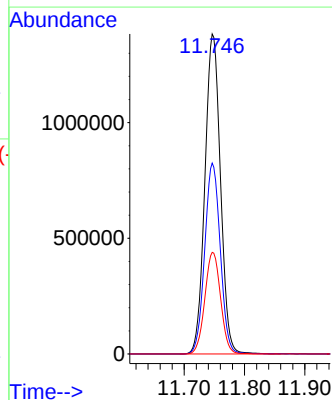
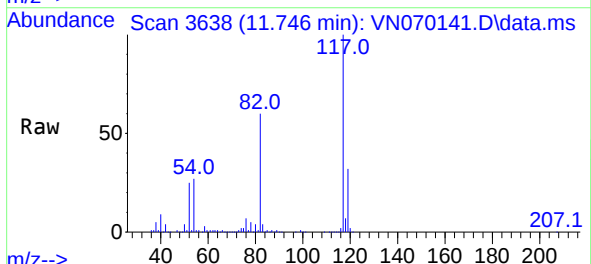
Instrument :
MSVOA_N
ClientSampleId :

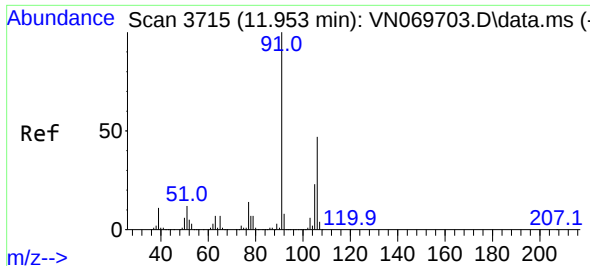
Tgt Ion: 95 Resp: 1314275
Ion Ratio Lower Upper
95 100
174 74.8 0.0 187.2
176 72.6 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VN070141.D
Acq: 16 Dec 2021 16:40

Tgt Ion: 117 Resp: 2482648
Ion Ratio Lower Upper
117 100
82 59.6 42.4 63.6
119 31.8 25.4 38.2

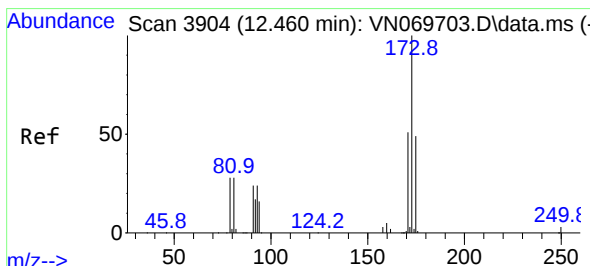
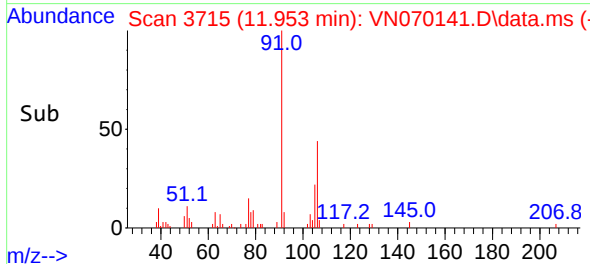
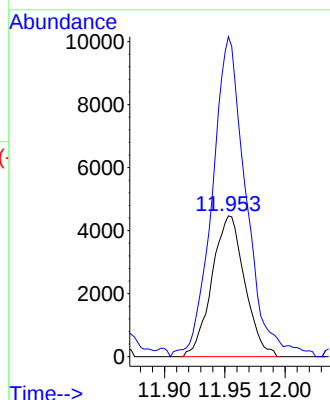
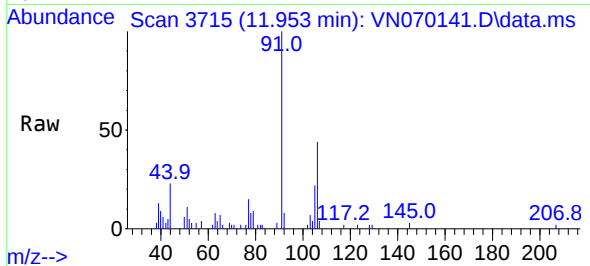




#68
m/p-Xylenes
Concen: 0.254 ug/l
RT: 11.953 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN070141.D
Acq: 16 Dec 2021 16:40

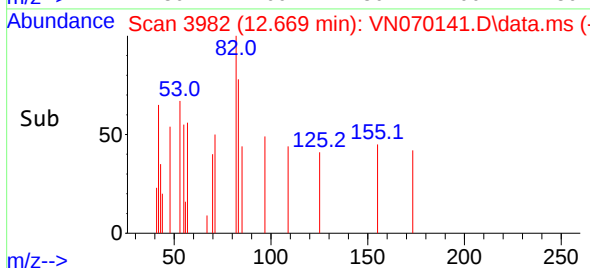
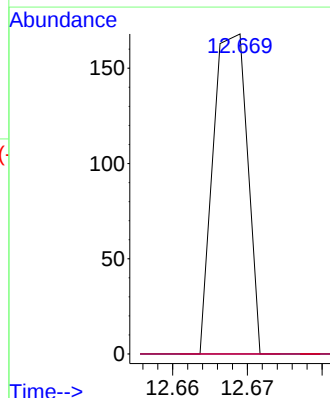
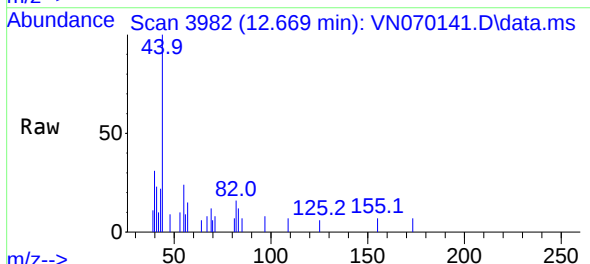
Instrument :
MSVOA_N
ClientSampleId :

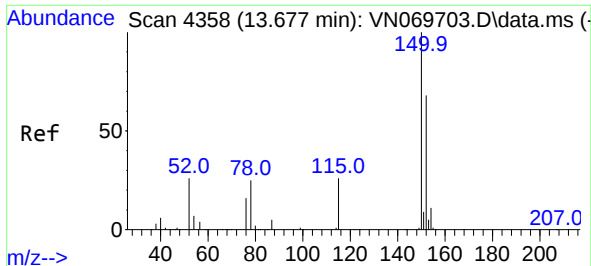
Tgt Ion:106 Resp: 8452
Ion Ratio Lower Upper
106 100
91 234.8 160.6 240.8



#71
Bromoform
Concen: 2.734 ug/l
RT: 12.669 min Scan# 3982
Delta R.T. 0.209 min
Lab File: VN070141.D
Acq: 16 Dec 2021 16:40

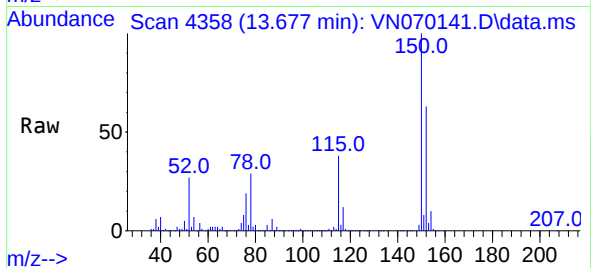
Tgt Ion:173 Resp: 53
Ion Ratio Lower Upper
173 100
175 0.0 24.2 72.6#
254 0.0 0.0 0.0



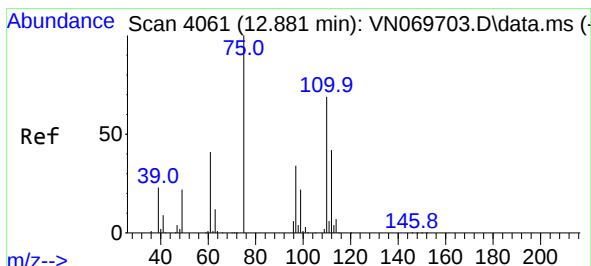
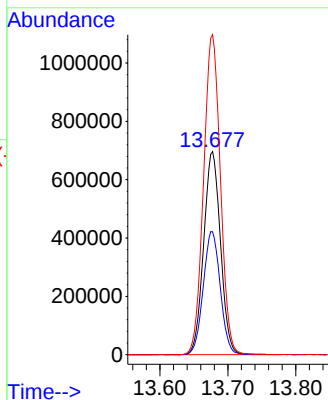
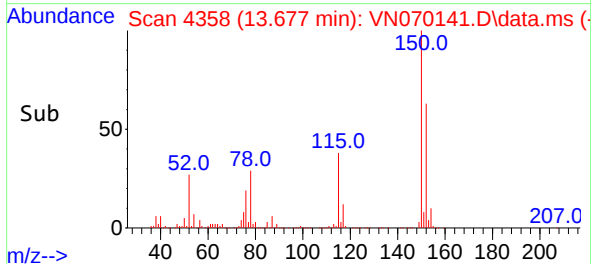


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.677 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN070141.D
Acq: 16 Dec 2021 16:40

Instrument :
MSVOA_N
ClientSampleId :

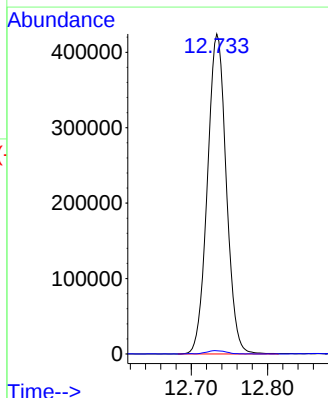
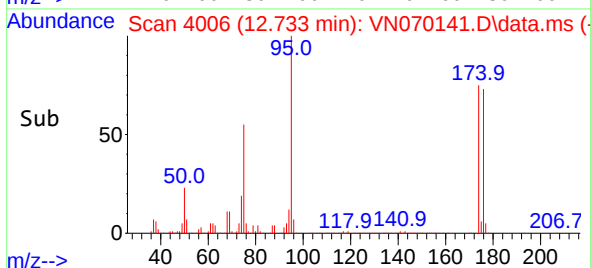
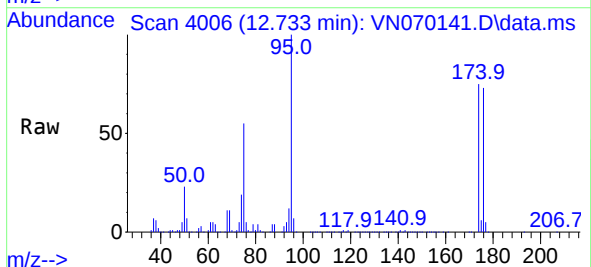


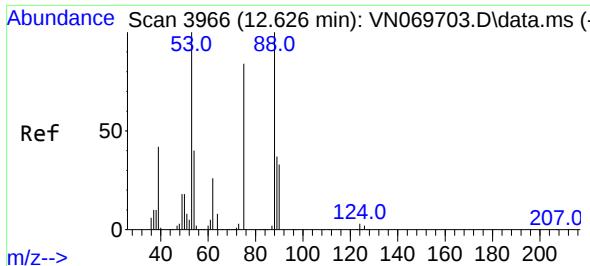
Tgt Ion:152 Resp: 1199338
Ion Ratio Lower Upper
152 100
115 61.2 27.5 82.5
150 157.6 0.0 344.4



#76
1,2,3-Trichloropropane
Concen: 21.171 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.147 min
Lab File: VN070141.D
Acq: 16 Dec 2021 16:40

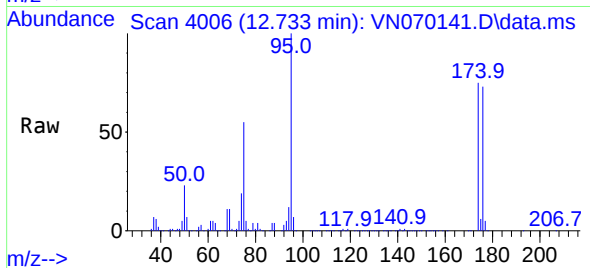
Tgt Ion: 75 Resp: 728149
Ion Ratio Lower Upper
75 100
77 1.1 82.6 247.8#



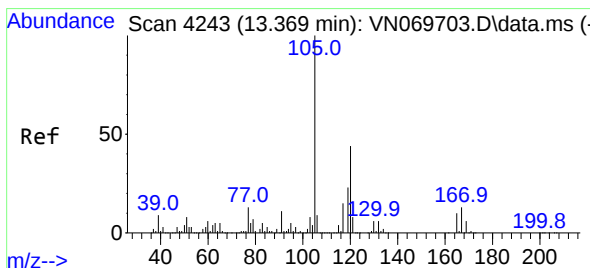
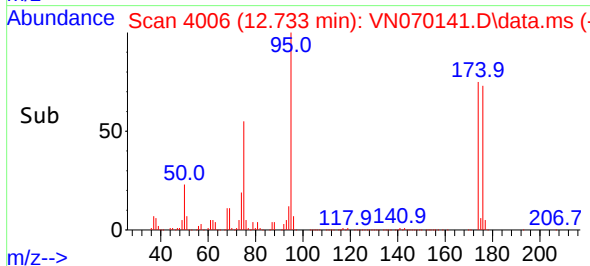
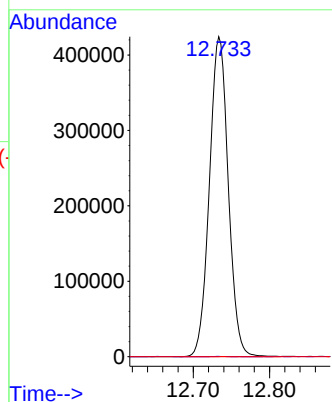


#81
trans-1,4-Dichloro-2-butene
Concen: 67.722 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.107 min
Lab File: VN070141.D
Acq: 16 Dec 2021 16:40

Instrument :
MSVOA_N
ClientSampleId :

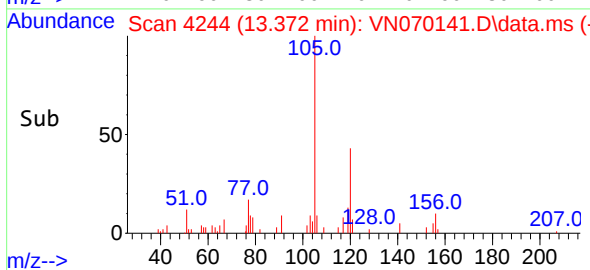
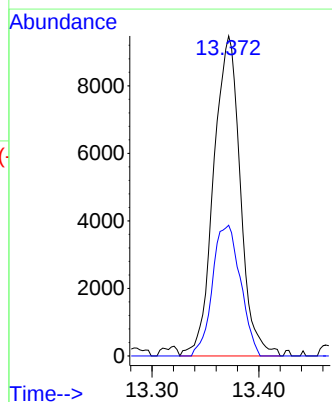
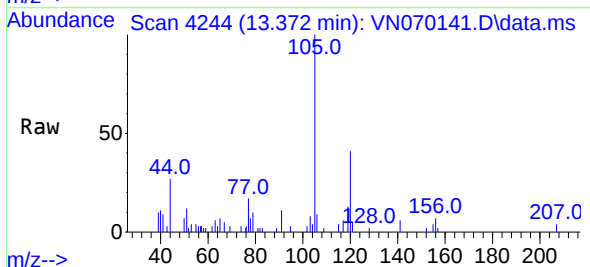


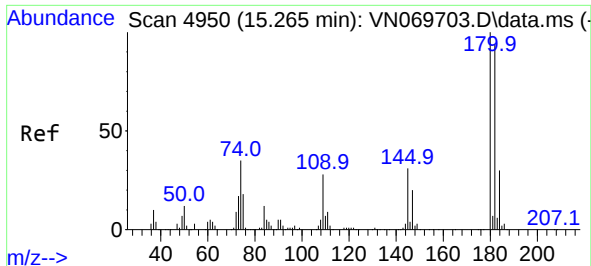
Tgt Ion: 75 Resp: 728149
Ion Ratio Lower Upper
75 100
53 0.1 90.5 135.7#
89 0.0 38.2 57.4#



#84
1,2,4-Trimethylbenzene
Concen: 0.201 ug/l
RT: 13.372 min Scan# 4244
Delta R.T. 0.003 min
Lab File: VN070141.D
Acq: 16 Dec 2021 16:40

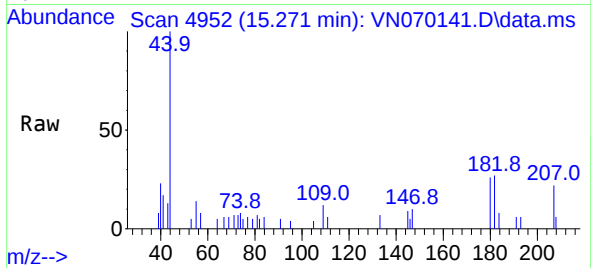
Tgt Ion: 105 Resp: 16451
Ion Ratio Lower Upper
105 100
120 42.7 22.8 68.4



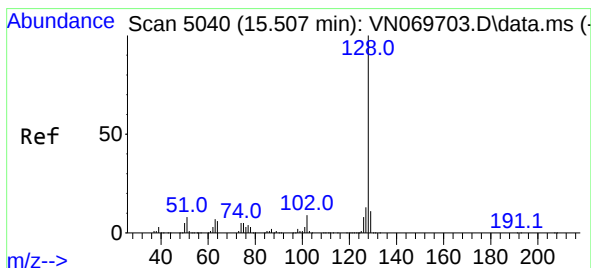
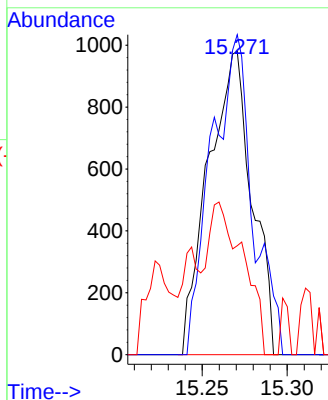
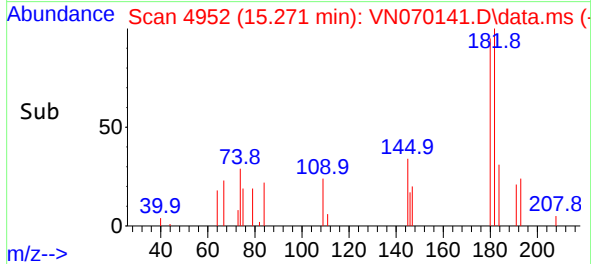


#93
1,2,4-Trichlorobenzene
Concen: 2.962 ug/l
RT: 15.271 min Scan# 4950
Delta R.T. 0.006 min
Lab File: VN070141.D
Acq: 16 Dec 2021 16:40

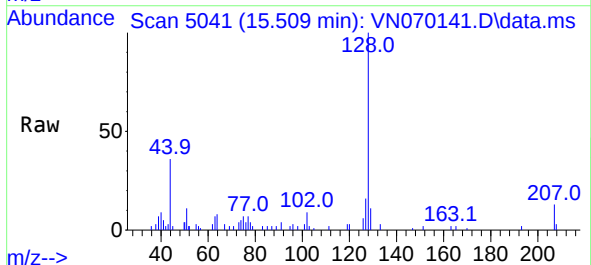
Instrument :
MSVOA_N
ClientSampleId :



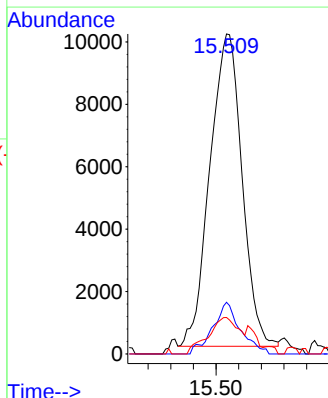
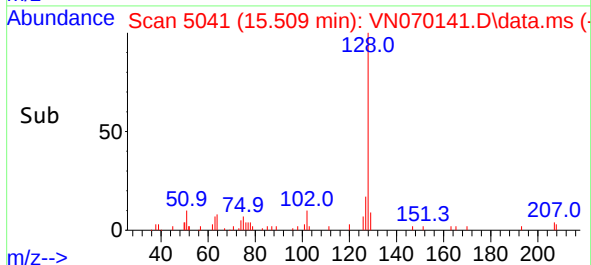
Tgt Ion:180 Resp: 1748
Ion Ratio Lower Upper
180 100
182 60.9 48.3 144.9
145 0.0 14.5 43.5#

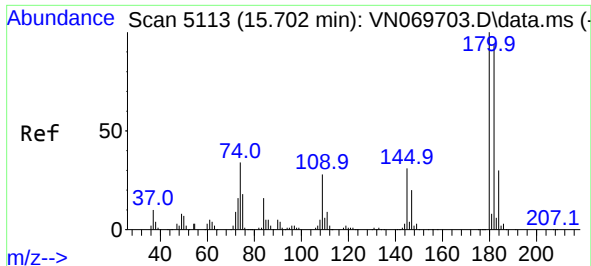


#95
Naphthalene
Concen: 4.294 ug/l
RT: 15.509 min Scan# 5041
Delta R.T. 0.002 min
Lab File: VN070141.D
Acq: 16 Dec 2021 16:40



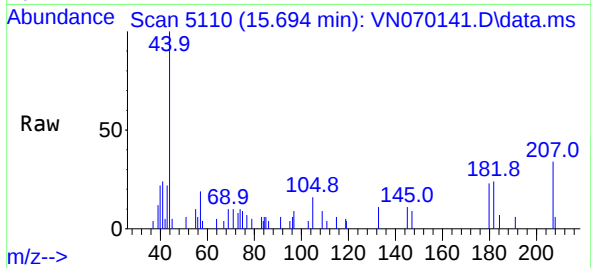
Tgt Ion:128 Resp: 19698
Ion Ratio Lower Upper
128 100
127 14.2 10.5 15.7
129 11.1 8.7 13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 2.516 ug/l
 RT: 15.694 min Scan# 51
 Delta R.T. -0.008 min
 Lab File: VN070141.D
 Acq: 16 Dec 2021 16:40

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
180	100		
182	120.1	47.4	142.2
145	52.2	15.0	45.1

