

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121621\
 Data File : VN070149.D
 Acq On : 16 Dec 2021 20:05
 Operator : JC/MD
 Sample : M4940-06
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 17 01:03:53 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	8.088	168	918042	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1532626	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	1388015	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	580402	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	770142	54.333	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 108.660%	
35) Dibromofluoromethane	8.024	113	493479	51.404	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 102.800%	
50) Toluene-d8	10.443	98	1985857	51.517	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 103.040%	
62) 4-Bromofluorobenzene	12.731	95	714114	51.136	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 102.280%	

Target Compounds				Qvalue		
3) Chloromethane	2.298	50	43240	3.223	ug/l #	55
11) Tert butyl alcohol	5.390	59	80544	30.061	ug/l #	71
13) Acrolein	4.036	56	475	0.208	ug/l #	14
14) Allyl chloride	4.950	41	11296	0.573	ug/l #	1
15) Acrylonitrile	5.616	53	16979	2.352	ug/l #	39
16) Acetone	4.240	43	30015	3.520	ug/l #	52
17) Carbon Disulfide	4.532	76	10804	0.478	ug/l #	94
18) Methyl Acetate	5.071	43	486546	18.904	ug/l #	51
19) Methyl tert-butyl Ether	5.613	73	20782	0.611	ug/l #	1
22) Diisopropyl ether	6.509	45	13338	0.346	ug/l #	84
25) 2-Butanone	7.351	43	25618	2.211	ug/l #	74
30) Chloroform	8.094	83	11279	0.560	ug/l	87
31) Cyclohexane	8.096	56	290742	14.739	ug/l	90
36) 1,1-Dichloropropene	8.088	75	78025	5.348	ug/l #	43
37) Ethyl Acetate	7.351	43	25618	1.180	ug/l #	70
38) Carbon Tetrachloride	8.086	117	94875	6.631	ug/l #	16
39) Methylcyclohexane	9.459	83	134455	7.748	ug/l #	88
40) Benzene	8.461	78	4334257	97.188	ug/l	99
42) 1,2-Dichloroethane	8.461	62	41711	2.317	ug/l	86
43) Isopropyl Acetate	8.550	43	53988	1.680	ug/l #	55
47) Bromodichloromethane	9.746	83	3755	0.253	ug/l #	25
48) Methyl methacrylate	9.593	41	9331	0.622	ug/l #	29
51) 4-Methyl-2-Pentanone	10.333	43	5105	0.245	ug/l	88
52) Toluene	10.507	92	54856	2.015	ug/l	97
53) t-1,3-Dichloropropene	10.722	75	210	2.805	ug/l #	1
54) cis-1,3-Dichloropropene	10.188	75	365	2.017	ug/l #	1
55) 1,1,2-Trichloroethane	10.878	97	56500	5.143	ug/l #	20
56) Ethyl methacrylate	10.784	69	6138	2.562	ug/l #	1
58) 2-Chloroethyl Vinyl ether	10.062	63	143	18.413	ug/l #	45
59) 2-Hexanone	10.947	43	32050	2.032	ug/l	67
60) Dibromochloromethane	10.979	129	505	2.417	ug/l #	11
67) Ethyl Benzene	11.846	91	748706	14.638	ug/l	96
68) m/p-Xylenes	11.956	106	173868	9.336	ug/l	91
69) o-Xylene	12.283	106	23120	1.232	ug/l	93
71) Bromoform	12.460	173	58	2.737	ug/l #	29
73) Isopropylbenzene	12.581	105	1036723	20.076	ug/l	98

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

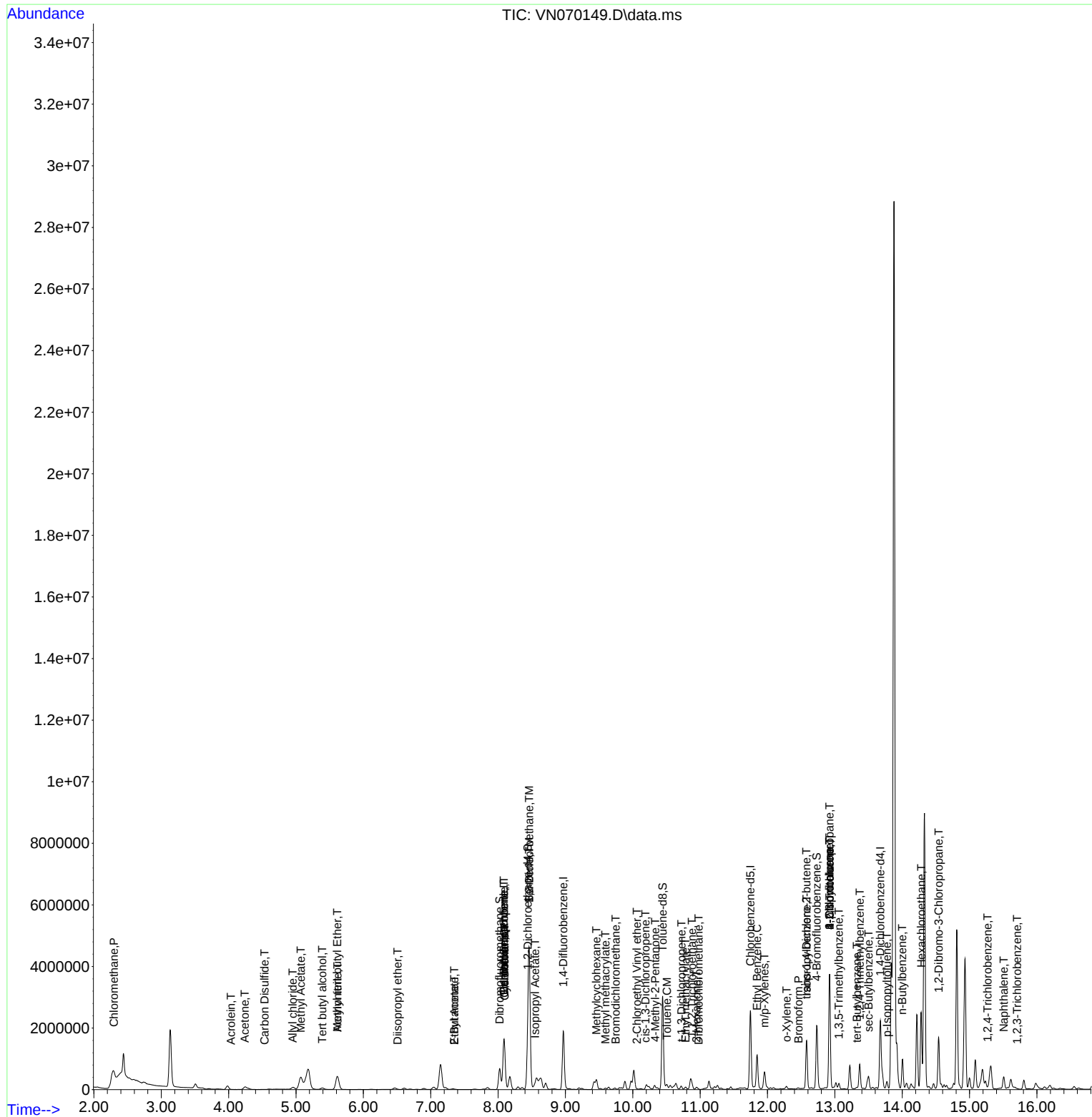
76) 1,2,3-Trichloropropane	12.921	75	20349	1.223	ug/l	#	1
78) n-propylbenzene	12.921	91	2978486	51.833	ug/l		95
79) 2-Chlorotoluene	12.921	91	2978486	82.031	ug/l	#	38
80) 1,3,5-Trimethylbenzene	13.058	105	83798	2.016	ug/l		94
81) trans-1,4-Dichloro-2-b...	12.575	75	14327	6.649	ug/l	#	69
82) 4-Chlorotoluene	12.921	91	2978486	87.226	ug/l	#	38
83) tert-Butylbenzene	13.326	119	19513	0.530	ug/l		95
84) 1,2,4-Trimethylbenzene	13.369	105	449073	11.345	ug/l		97
85) sec-Butylbenzene	13.501	105	236783	4.743	ug/l	#	77
86) p-Isopropyltoluene	13.771	119	122017	3.127	ug/l	#	78
89) n-Butylbenzene	14.002	91	112919	3.567	ug/l	#	1
90) Hexachloroethane	14.281	117	1099387	160.474	ug/l	#	6
92) 1,2-Dibromo-3-Chloropr...	14.541	75	8706	2.698	ug/l	#	1
93) 1,2,4-Trichlorobenzene	15.268	180	3689	3.243	ug/l	#	84
95) Naphthalene	15.507	128	357695	15.591	ug/l		99
96) 1,2,3-Trichlorobenzene	15.705	180	4183	2.864	ug/l	#	82

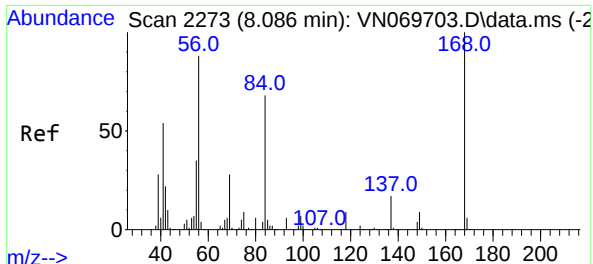
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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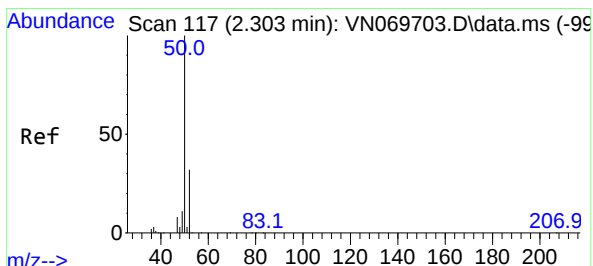
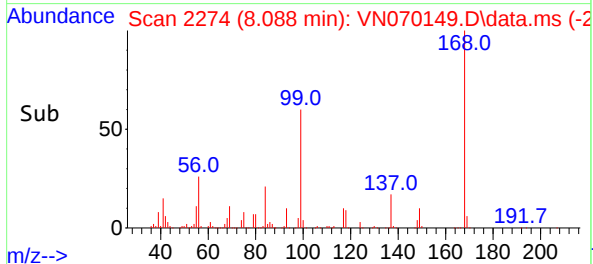
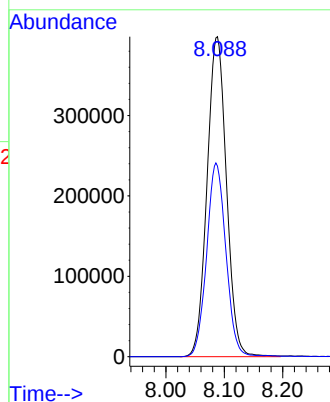
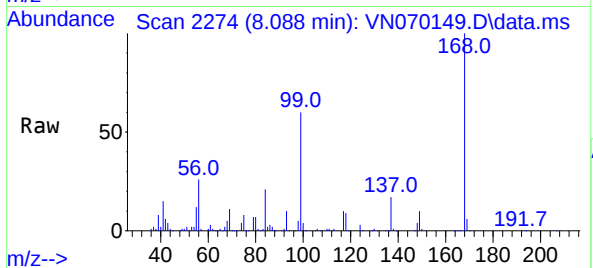




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 21
Delta R.T. 0.002 min
Lab File: VN070149.D
Acq: 16 Dec 2021 20:05

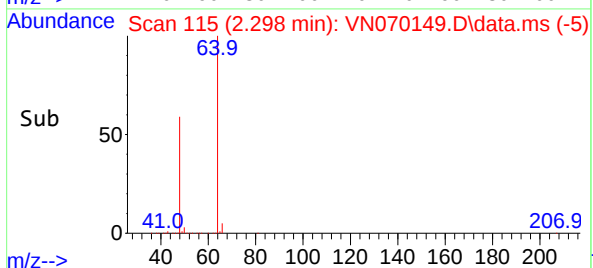
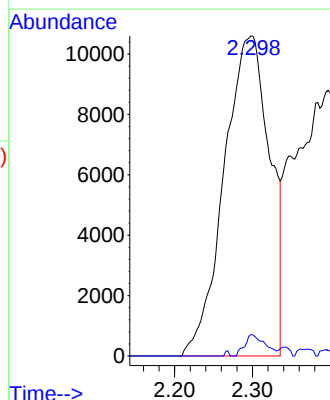
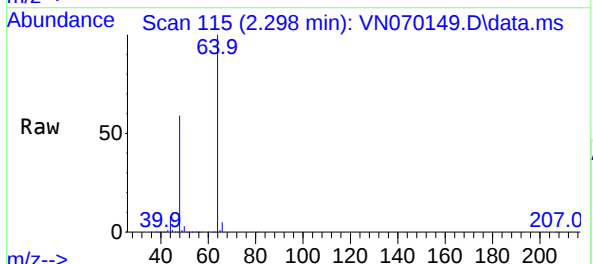
Instrument :
MSVOA_N
ClientSampleId :

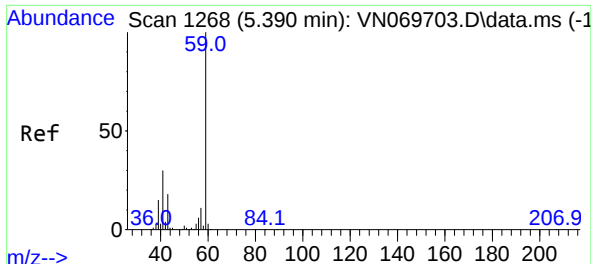
Tgt Ion:168 Resp: 918042
Ion Ratio Lower Upper
168 100
99 59.5 41.3 61.9



#3
Chloromethane
Concen: 3.223 ug/l
RT: 2.298 min Scan# 115
Delta R.T. -0.005 min
Lab File: VN070149.D
Acq: 16 Dec 2021 20:05

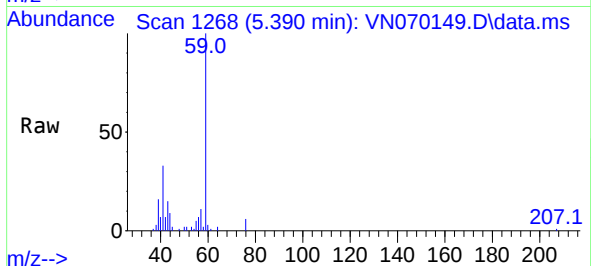
Tgt Ion: 50 Resp: 43240
Ion Ratio Lower Upper
50 100
52 6.7 25.4 38.0#



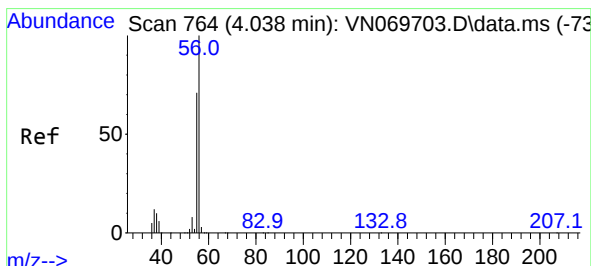
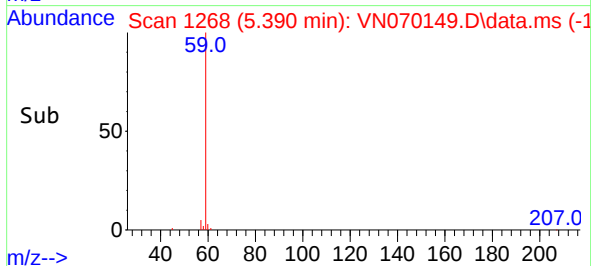
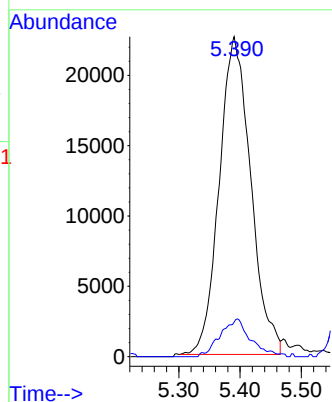


#11
Tert butyl alcohol
Concen: 30.061 ug/l
RT: 5.390 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN070149.D
Acq: 16 Dec 2021 20:05

Instrument :
MSVOA_N
ClientSampleId :

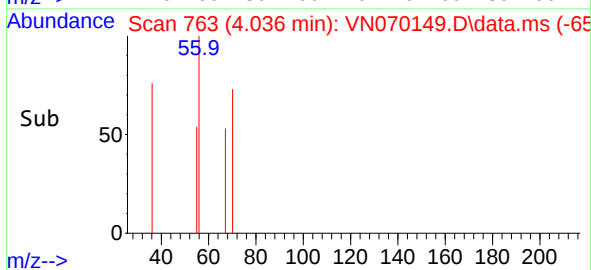
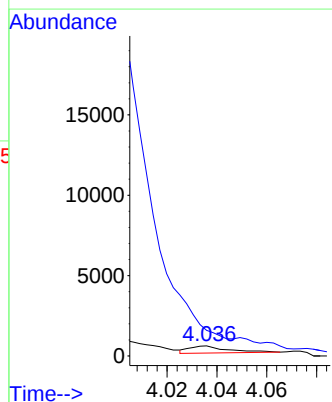
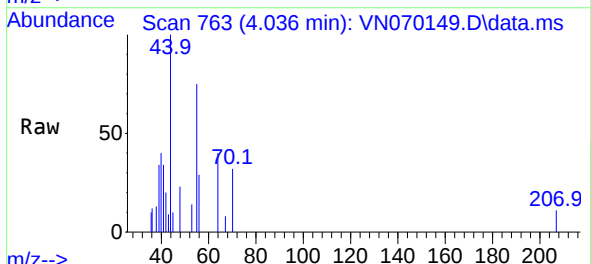


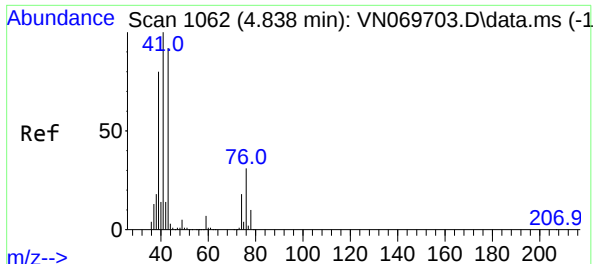
Tgt Ion: 59 Resp: 80544
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1#



#13
Acrolein
Concen: 0.208 ug/l
RT: 4.036 min Scan# 763
Delta R.T. -0.003 min
Lab File: VN070149.D
Acq: 16 Dec 2021 20:05

Tgt Ion: 56 Resp: 475
Ion Ratio Lower Upper
56 100
55 0.0 56.6 85.0#





#14

Allyl chloride

Concen: 0.573 ug/l

RT: 4.950 min Scan# 1104

Delta R.T. 0.113 min

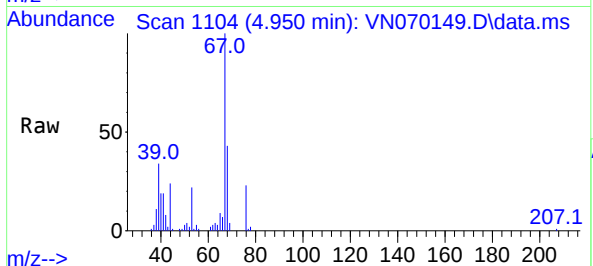
Lab File: VN070149.D

Acq: 16 Dec 2021 20:05

Instrument :

MSVOA_N

ClientSampleId :



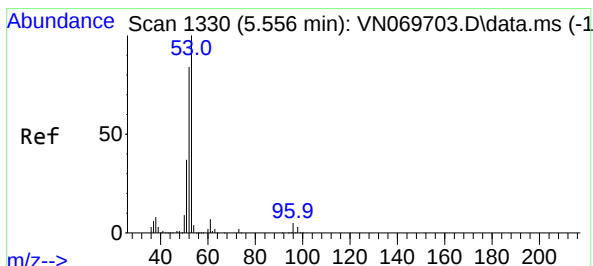
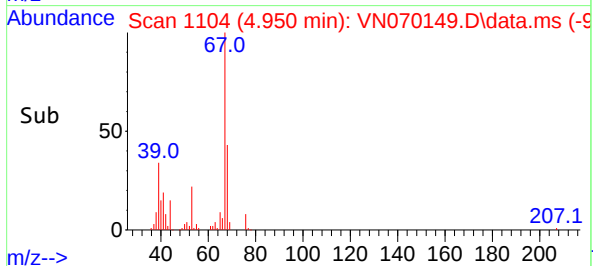
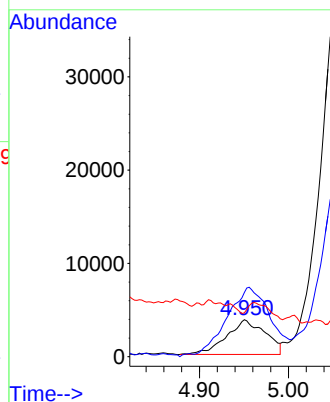
Tgt Ion: 41 Resp: 11296

Ion Ratio Lower Upper

41 100

39 209.8 61.2 91.8#

76 0.0 26.0 39.0#



#15

Acrylonitrile

Concen: 2.352 ug/l

RT: 5.616 min Scan# 1352

Delta R.T. 0.059 min

Lab File: VN070149.D

Acq: 16 Dec 2021 20:05

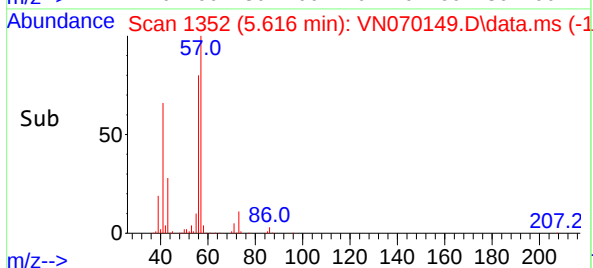
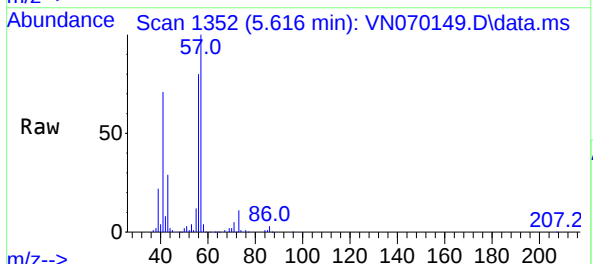
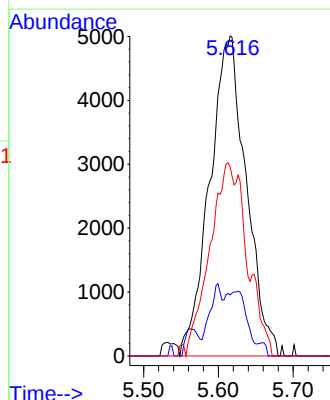
Tgt Ion: 53 Resp: 16979

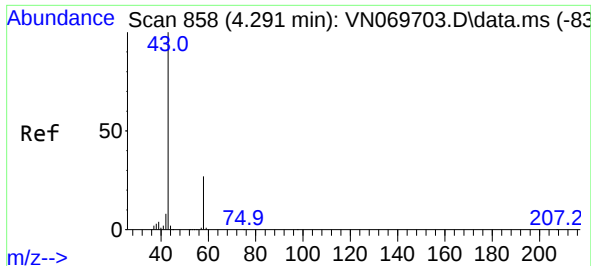
Ion Ratio Lower Upper

53 100

52 5.1 66.2 99.2#

51 39.5 29.6 44.4

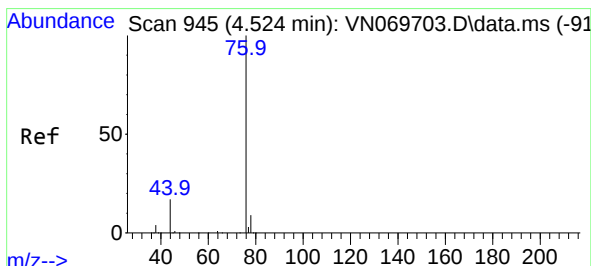
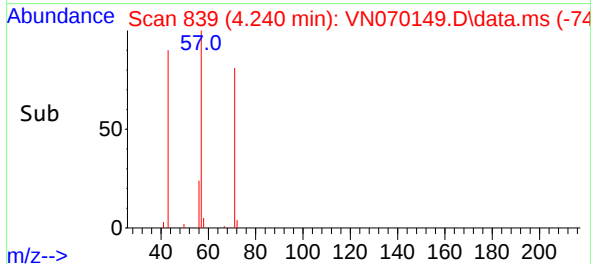
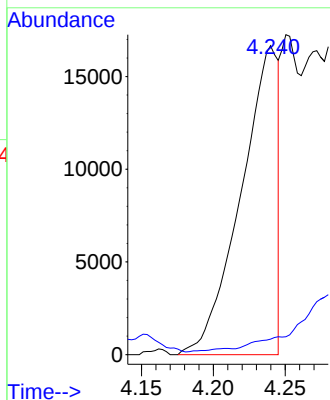
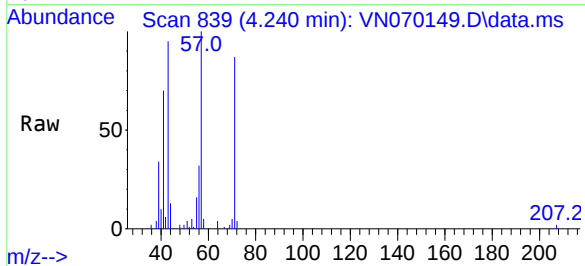




#16
Acetone
Concen: 3.520 ug/l
RT: 4.240 min Scan# 81
Delta R.T. -0.051 min
Lab File: VN070149.D
Acq: 16 Dec 2021 20:05

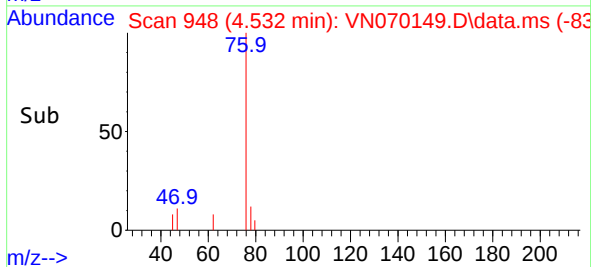
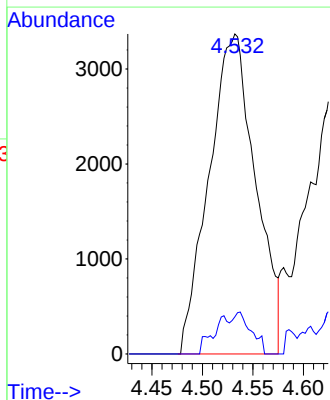
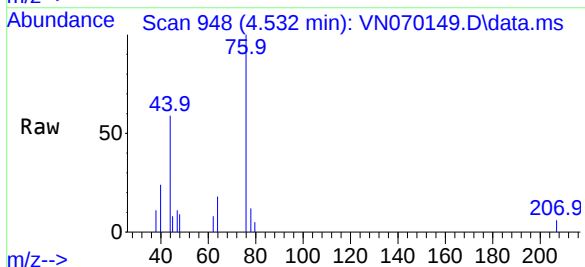
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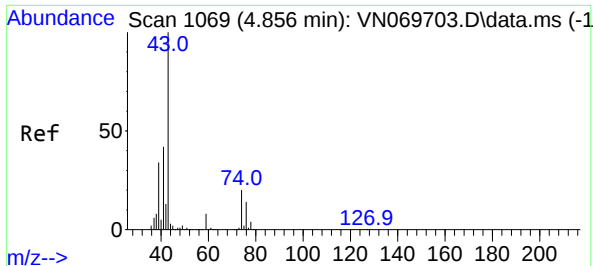
Tgt Ion: 43 Resp: 30015
Ion Ratio Lower Upper
43 100
58 3.2 23.1 34.7#



#17
Carbon Disulfide
Concen: 0.478 ug/l
RT: 4.532 min Scan# 948
Delta R.T. 0.008 min
Lab File: VN070149.D
Acq: 16 Dec 2021 20:05

Tgt Ion: 76 Resp: 10804
Ion Ratio Lower Upper
76 100
78 11.6 7.5 11.3#

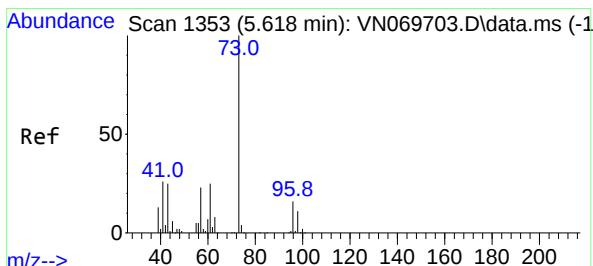
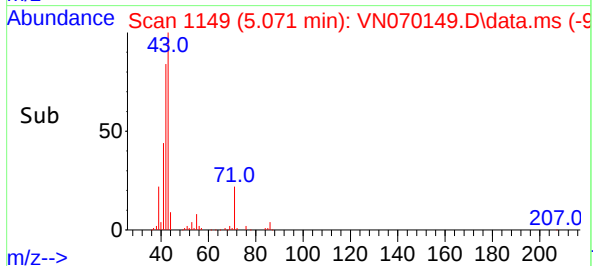
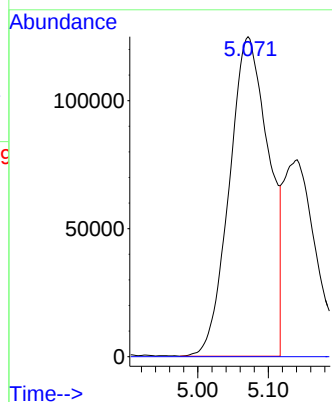
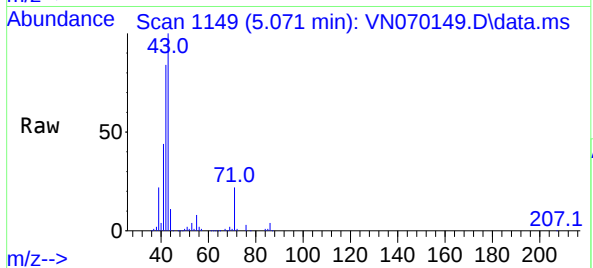




#18
Methyl Acetate
Concen: 18.904 ug/l
RT: 5.071 min Scan# 1149
Delta R.T. 0.215 min
Lab File: VN070149.D
Acq: 16 Dec 2021 20:05

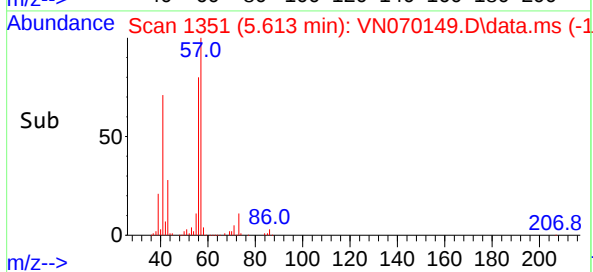
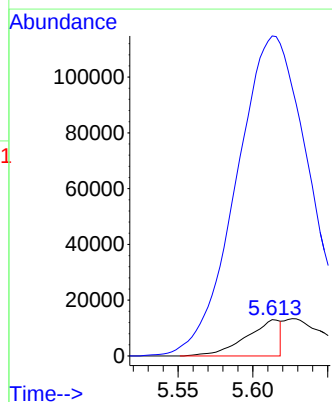
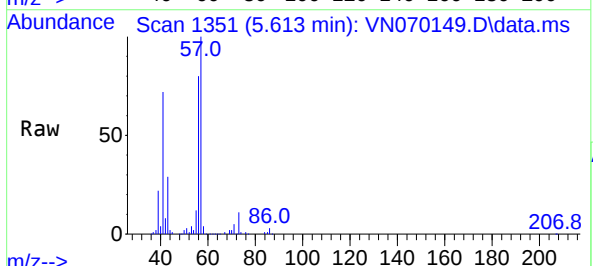
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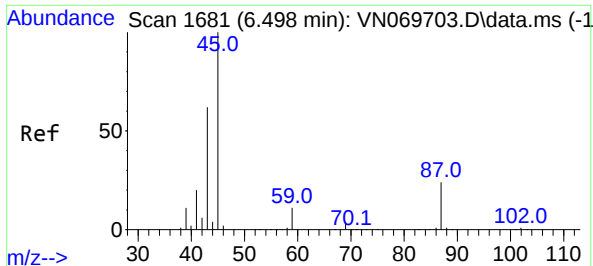
Tgt Ion: 43 Resp: 486546
Ion Ratio Lower Upper
43 100
74 0.0 19.4 29.2#



#19
Methyl tert-butyl Ether
Concen: 0.611 ug/l
RT: 5.613 min Scan# 1351
Delta R.T. -0.005 min
Lab File: VN070149.D
Acq: 16 Dec 2021 20:05

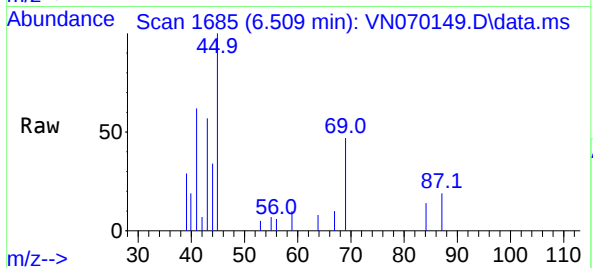
Tgt Ion: 73 Resp: 20782
Ion Ratio Lower Upper
73 100
57 856.0 16.8 25.2#



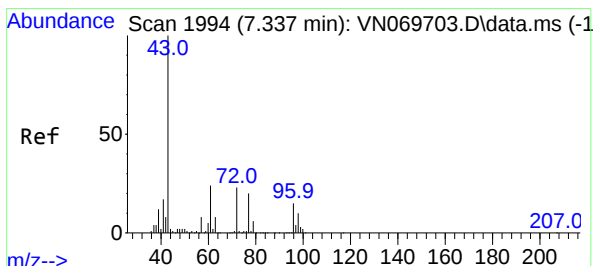
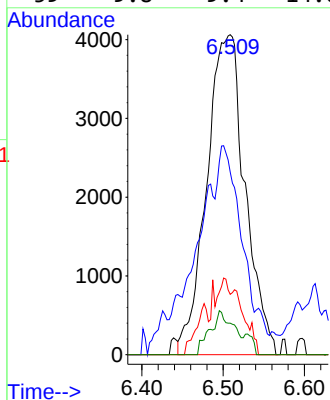
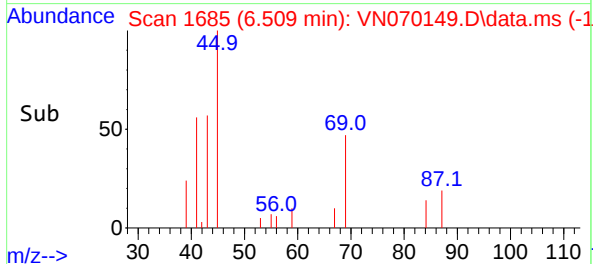


#22
Diisopropyl ether
Concen: 0.346 ug/l
RT: 6.509 min Scan# 1
Delta R.T. 0.011 min
Lab File: VN070149.D
Acq: 16 Dec 2021 20:05

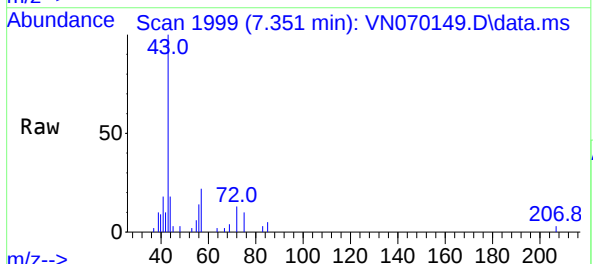
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ClientSampleId :



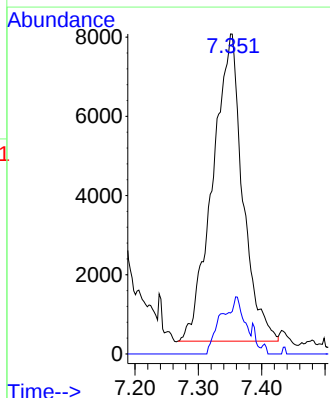
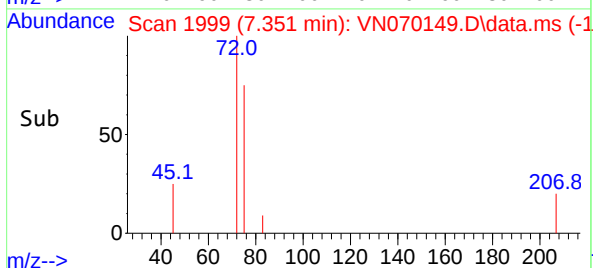
Tgt Ion: 45 Resp: 13338
Ion Ratio Lower Upper
45 100
43 51.0 51.7 77.5#
87 18.9 23.2 34.8#
59 9.8 9.4 14.0

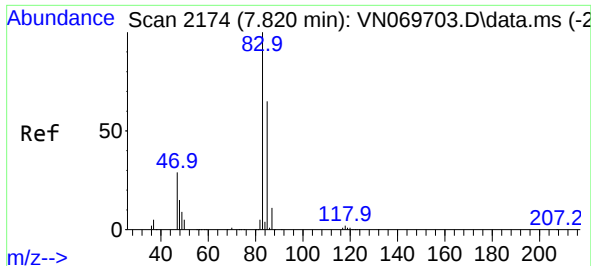


#25
2-Butanone
Concen: 2.211 ug/l
RT: 7.351 min Scan# 1999
Delta R.T. 0.014 min
Lab File: VN070149.D
Acq: 16 Dec 2021 20:05



Tgt Ion: 43 Resp: 25618
Ion Ratio Lower Upper
43 100
72 13.4 21.7 32.5#





#30

Chloroform

Concen: 0.560 ug/l

RT: 8.094 min Scan# 2174

Delta R.T. 0.274 min

Lab File: VN070149.D

Acq: 16 Dec 2021 20:05

Instrument :

MSVOA_N

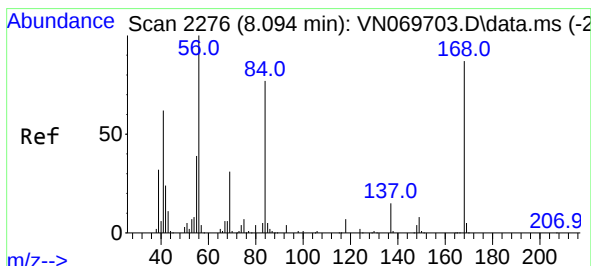
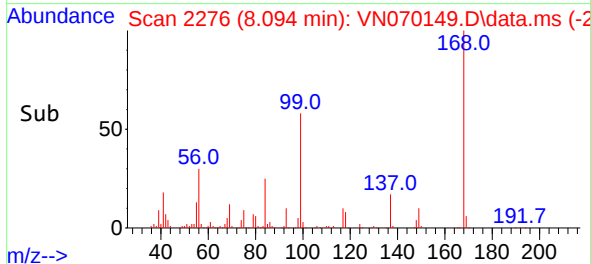
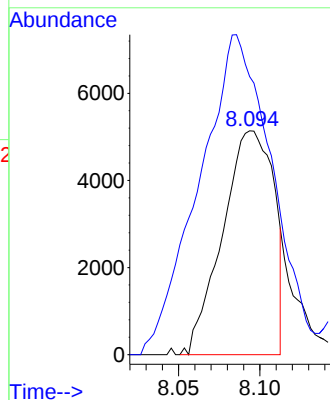
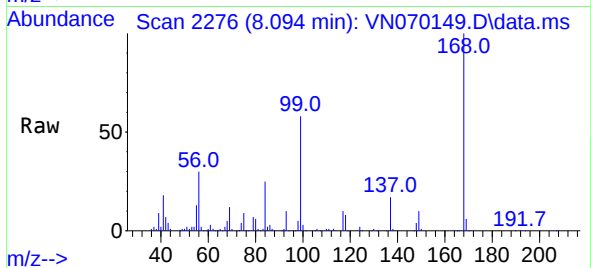
ClientSampleId :

Tgt Ion: 83 Resp: 11279

Ion Ratio Lower Upper

83 100

85 75.1 51.9 77.9



#31

Cyclohexane

Concen: 14.739 ug/l

RT: 8.096 min Scan# 2277

Delta R.T. 0.003 min

Lab File: VN070149.D

Acq: 16 Dec 2021 20:05

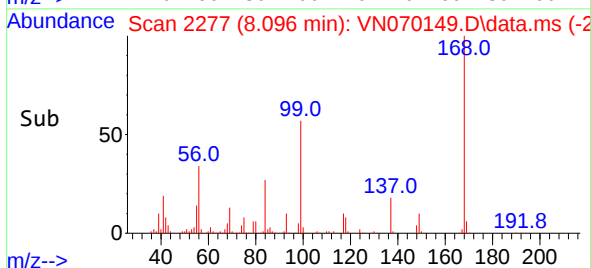
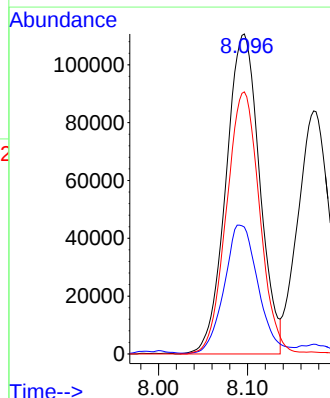
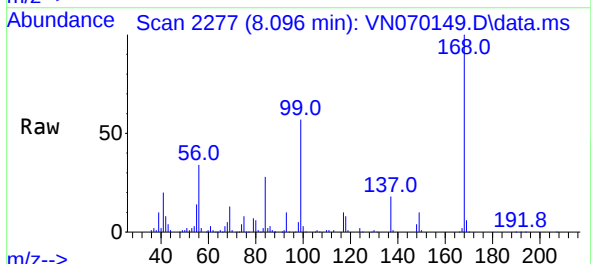
Tgt Ion: 56 Resp: 290742

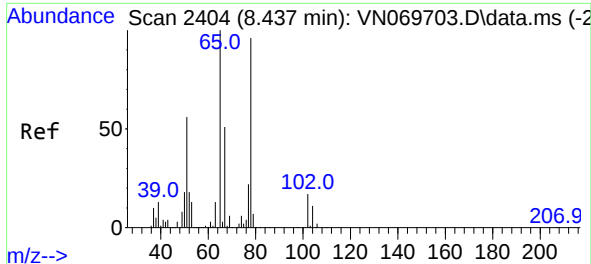
Ion Ratio Lower Upper

56 100

69 39.4 27.1 40.7

84 81.9 73.4 110.0

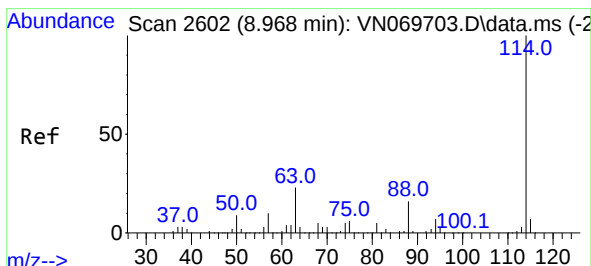
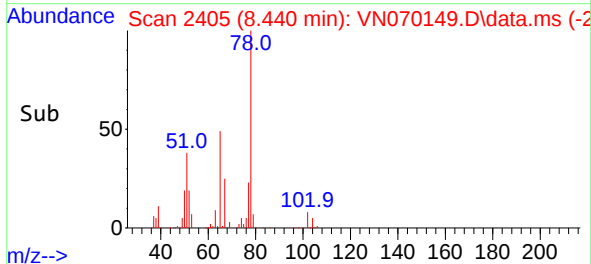
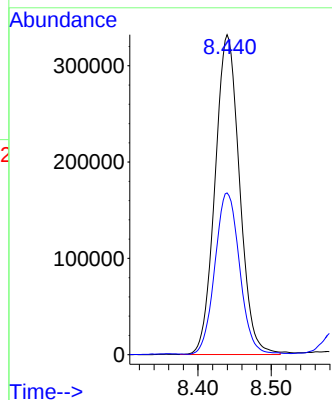
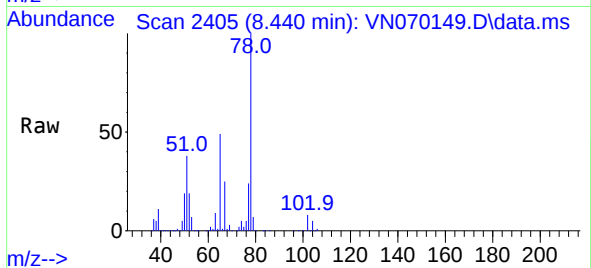




#33
 1,2-Dichloroethane-d4
 Concen: 54.333 ug/l
 RT: 8.440 min Scan# 24
 Delta R.T. 0.003 min
 Lab File: VN070149.D
 Acq: 16 Dec 2021 20:05

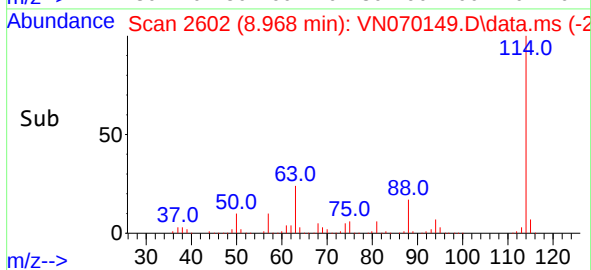
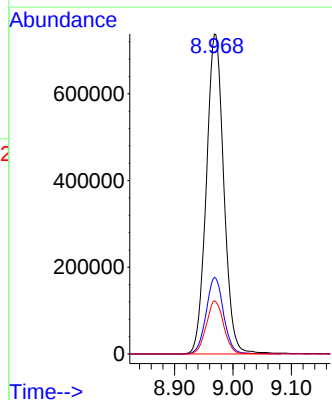
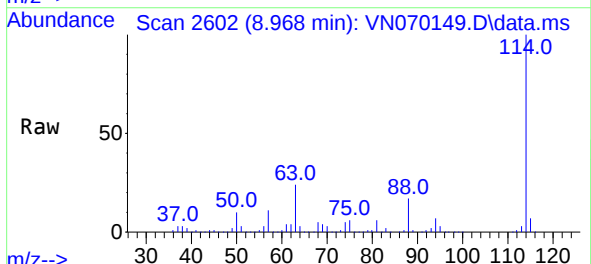
Instrument :
 MSVOA_N
 ClientSampleId :

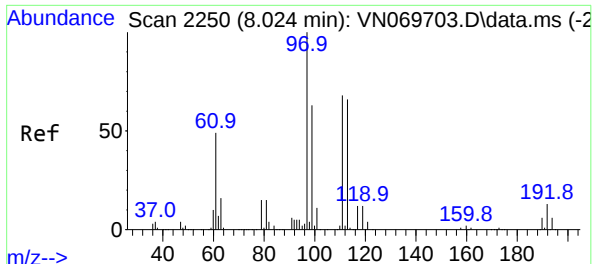
Tgt Ion: 65 Resp: 770142
 Ion Ratio Lower Upper
 65 100
 67 51.0 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.968 min Scan# 2602
 Delta R.T. 0.000 min
 Lab File: VN070149.D
 Acq: 16 Dec 2021 20:05

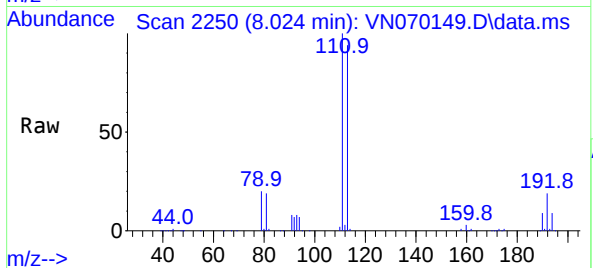
Tgt Ion: 114 Resp: 1532626
 Ion Ratio Lower Upper
 114 100
 63 24.0 0.0 37.8
 88 16.6 0.0 27.4



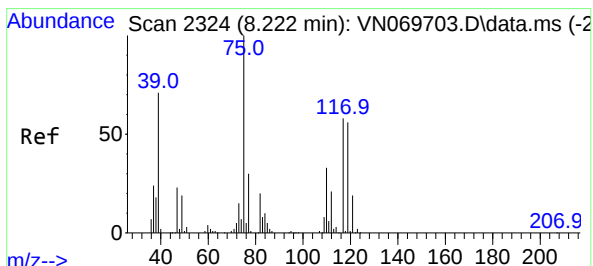
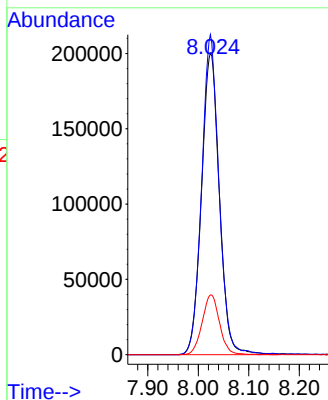
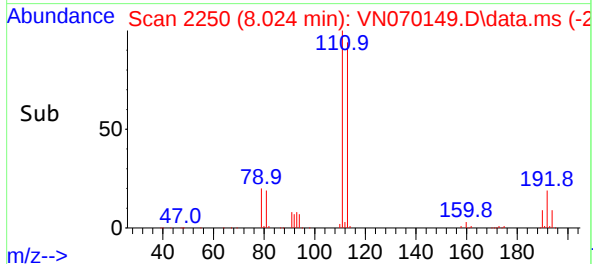


#35
Dibromofluoromethane
Concen: 51.404 ug/l
RT: 8.024 min Scan# 211
Delta R.T. 0.000 min
Lab File: VN070149.D
Acq: 16 Dec 2021 20:05

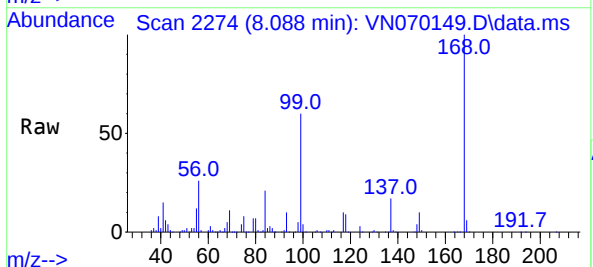
Instrument :
MSVOA_N
ClientSampleId :



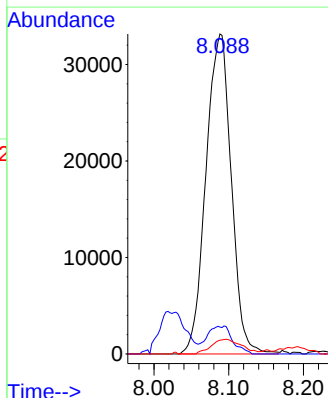
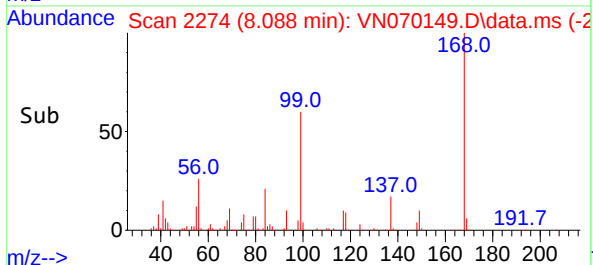
Tgt Ion:113 Resp: 493479
Ion Ratio Lower Upper
113 100
111 101.6 82.2 123.2
192 19.2 16.9 25.3

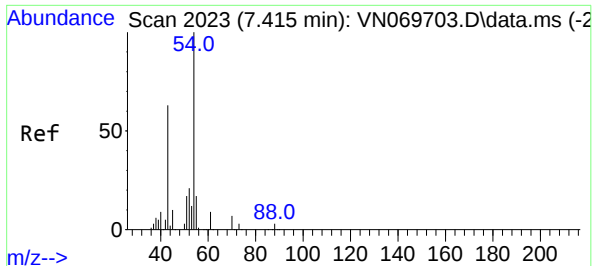


#36
1,1-Dichloropropene
Concen: 5.348 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.134 min
Lab File: VN070149.D
Acq: 16 Dec 2021 20:05



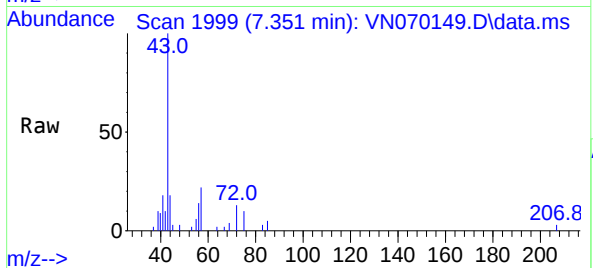
Tgt Ion: 75 Resp: 78025
Ion Ratio Lower Upper
75 100
110 2.7 18.4 55.2#
77 0.0 24.4 36.6#



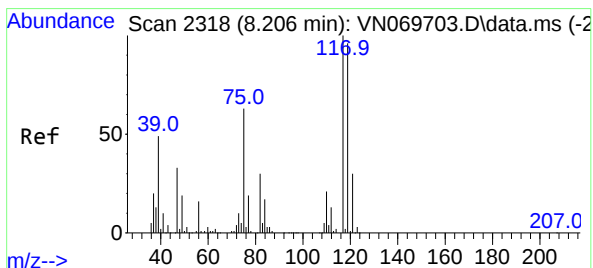
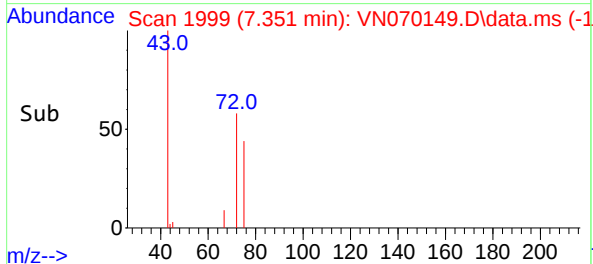
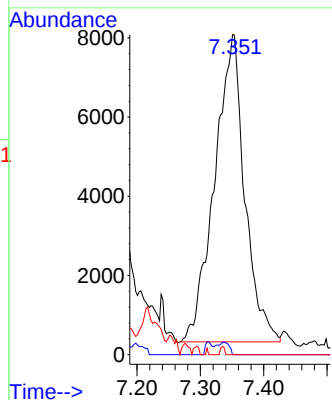


#37
Ethyl Acetate
Concen: 1.180 ug/l
RT: 7.351 min Scan# 1999
Delta R.T. -0.064 min
Lab File: VN070149.D
Acq: 16 Dec 2021 20:05

Instrument :
MSVOA_N
ClientSampleId :

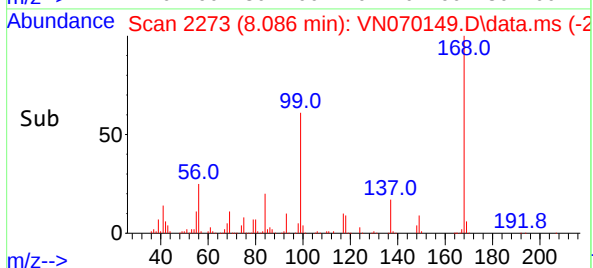
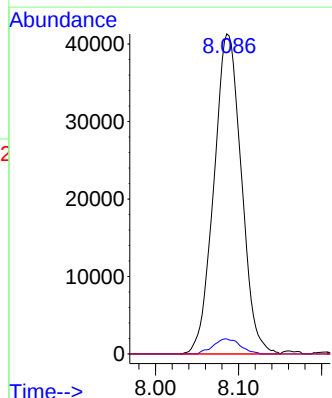
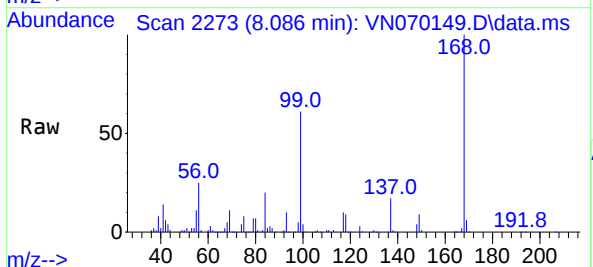


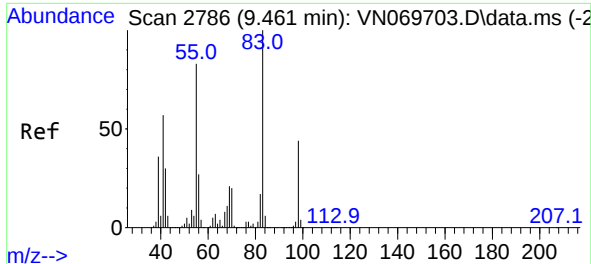
Tgt Ion: 43 Resp: 25618
Ion Ratio Lower Upper
43 100
61 1.2 11.5 17.3#
70 0.0 7.9 11.9#



#38
Carbon Tetrachloride
Concen: 6.631 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.121 min
Lab File: VN070149.D
Acq: 16 Dec 2021 20:05

Tgt Ion: 117 Resp: 94875
Ion Ratio Lower Upper
117 100
119 4.7 76.1 114.1#
121 0.0 24.2 36.2#

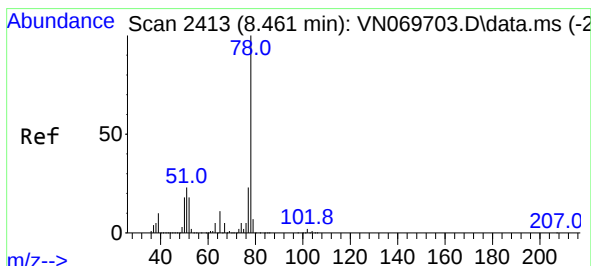
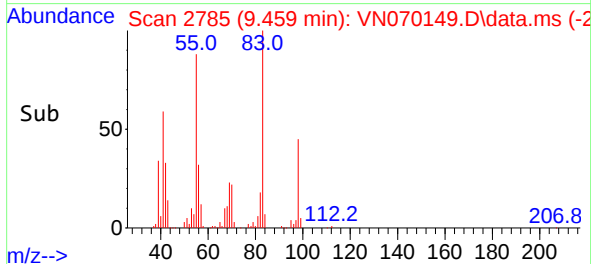
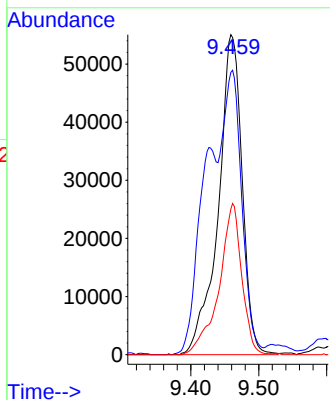
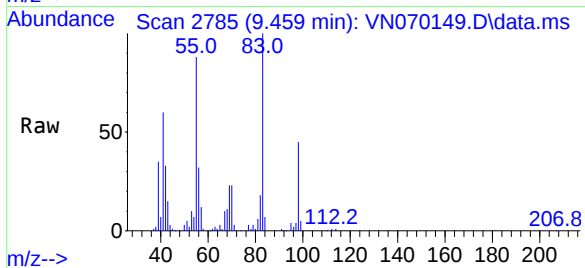




#39
Methylcyclohexane
Concen: 7.748 ug/l
RT: 9.459 min Scan# 21
Delta R.T. -0.003 min
Lab File: VN070149.D
Acq: 16 Dec 2021 20:05

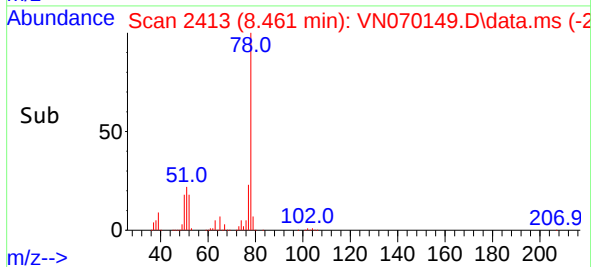
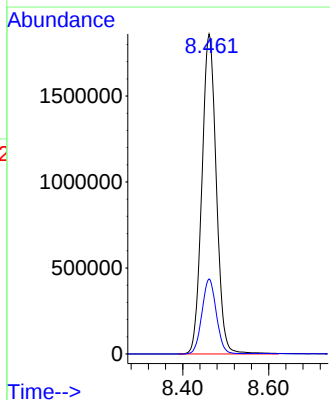
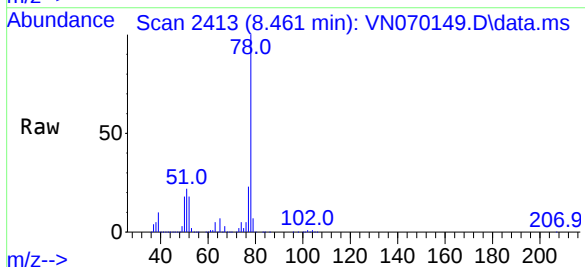
Instrument :
MSVOA_N
ClientSampleId :

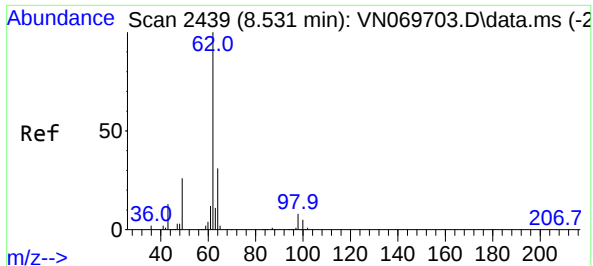
Tgt Ion: 83 Resp: 134455
Ion Ratio Lower Upper
83 100
55 87.6 58.1 87.1#
98 45.5 38.4 57.6



#40
Benzene
Concen: 97.188 ug/l
RT: 8.461 min Scan# 2413
Delta R.T. 0.000 min
Lab File: VN070149.D
Acq: 16 Dec 2021 20:05

Tgt Ion: 78 Resp: 4334257
Ion Ratio Lower Upper
78 100
77 23.5 18.6 27.8





#42

1,2-Dichloroethane

Concen: 2.317 ug/l

RT: 8.461 min Scan# 2413

Delta R.T. -0.070 min

Lab File: VN070149.D

Acq: 16 Dec 2021 20:05

Instrument :

MSVOA_N

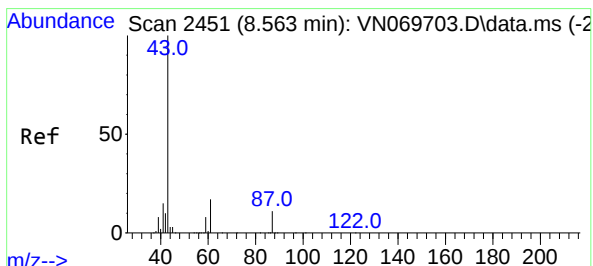
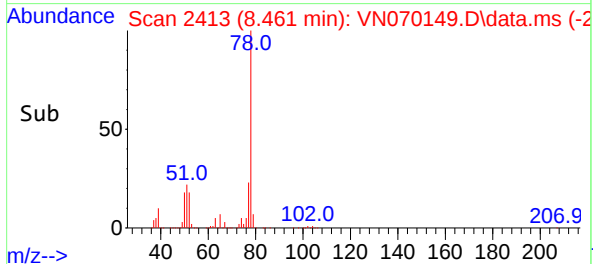
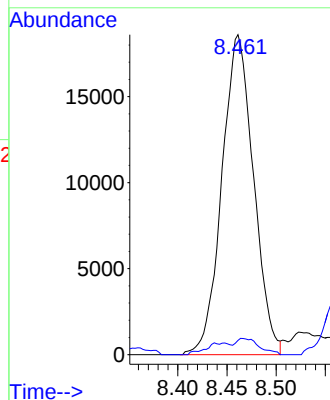
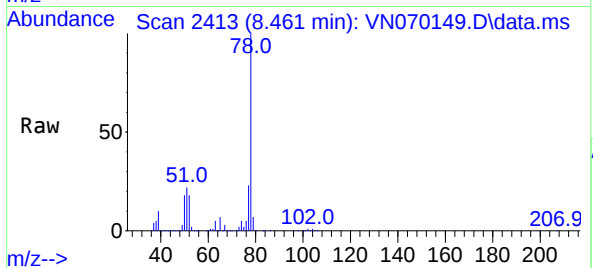
ClientSampleId :

Tgt Ion: 62 Resp: 41711

Ion Ratio Lower Upper

62 100

98 3.7 0.0 17.6



#43

Isopropyl Acetate

Concen: 1.680 ug/l

RT: 8.550 min Scan# 2446

Delta R.T. -0.013 min

Lab File: VN070149.D

Acq: 16 Dec 2021 20:05

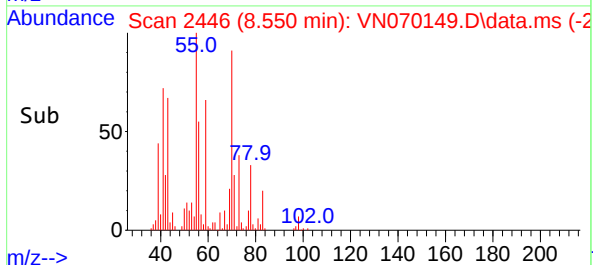
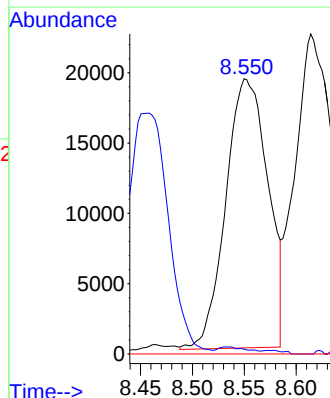
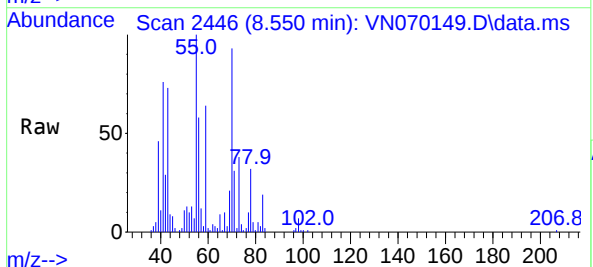
Tgt Ion: 43 Resp: 53988

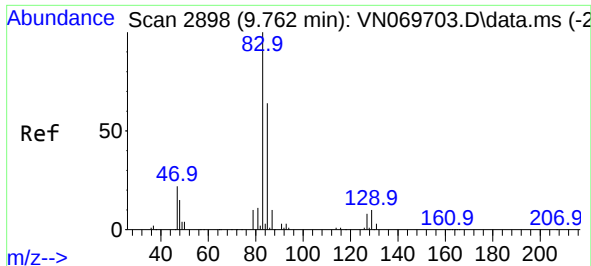
Ion Ratio Lower Upper

43 100

61 0.0 20.4 30.6#

87 0.0 11.2 16.8#

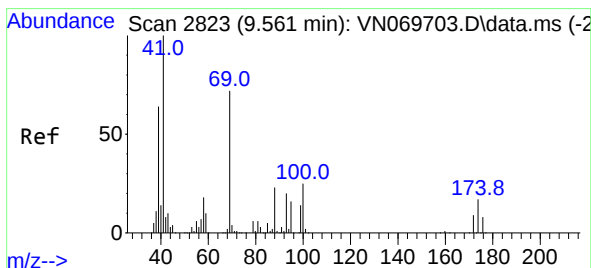
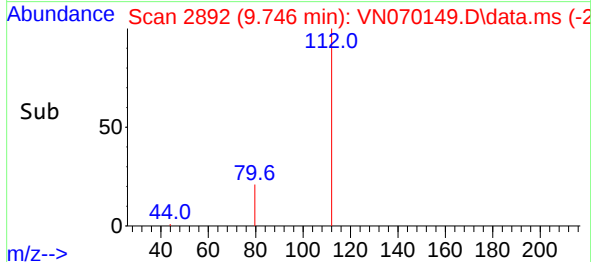
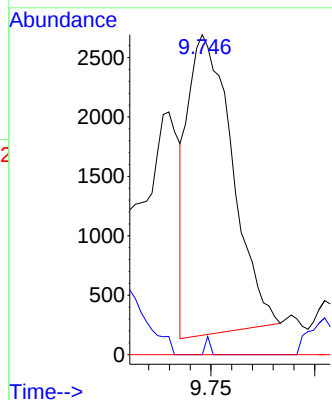
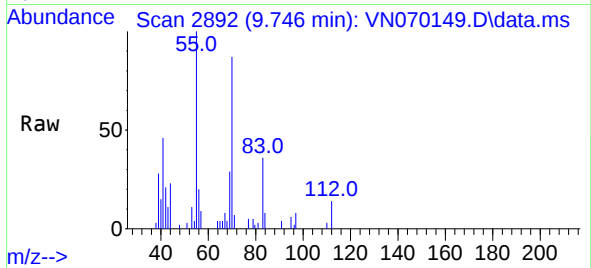




#47
Bromodichloromethane
Concen: 0.253 ug/l
RT: 9.746 min Scan# 2898
Delta R.T. -0.016 min
Lab File: VN070149.D
Acq: 16 Dec 2021 20:05

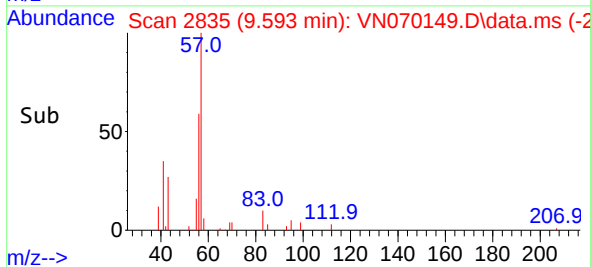
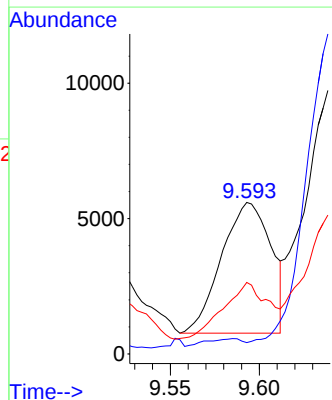
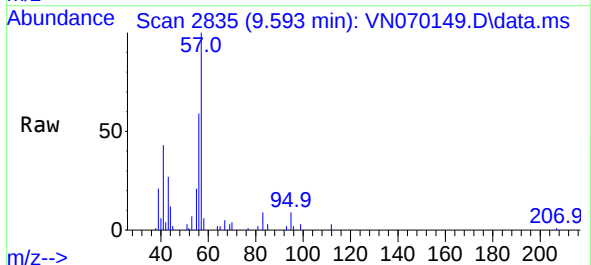
Instrument :
MSVOA_N
ClientSampleId :

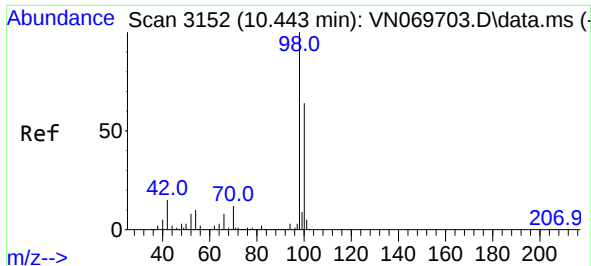
Tgt Ion: 83 Resp: 3755
Ion Ratio Lower Upper
83 100
85 0.0 50.9 76.3#
127 0.0 7.1 10.7#



#48
Methyl methacrylate
Concen: 0.622 ug/l
RT: 9.593 min Scan# 2835
Delta R.T. 0.032 min
Lab File: VN070149.D
Acq: 16 Dec 2021 20:05

Tgt Ion: 41 Resp: 9331
Ion Ratio Lower Upper
41 100
69 0.0 72.4 108.6#
39 39.3 58.4 87.6#

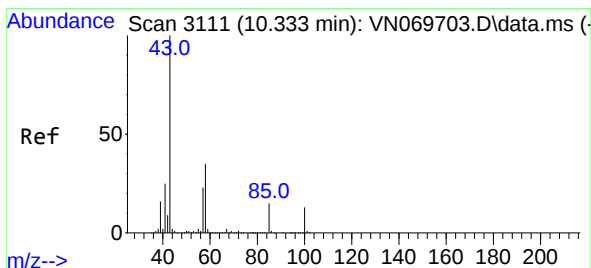
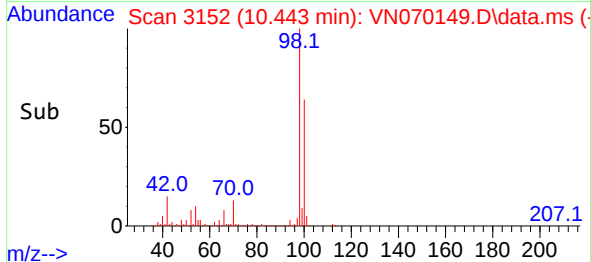
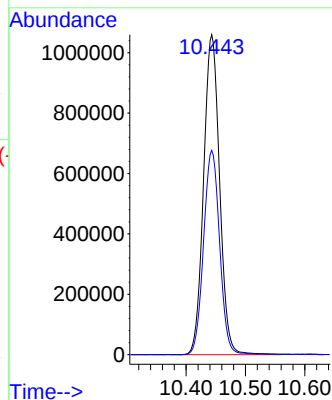
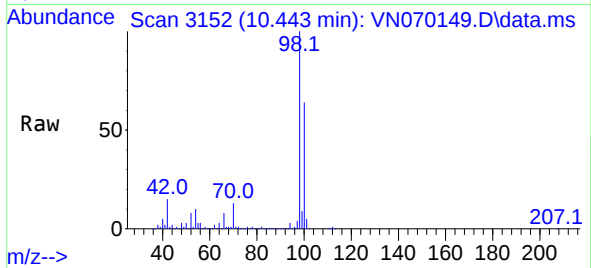




#50
Toluene-d8
Concen: 51.517 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN070149.D
Acq: 16 Dec 2021 20:05

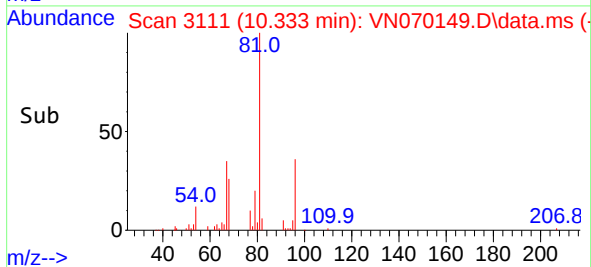
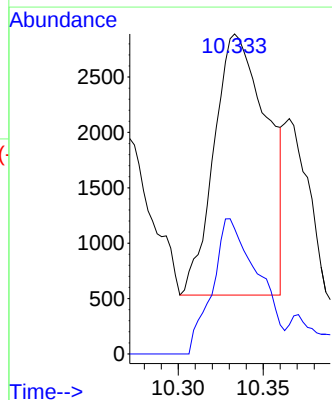
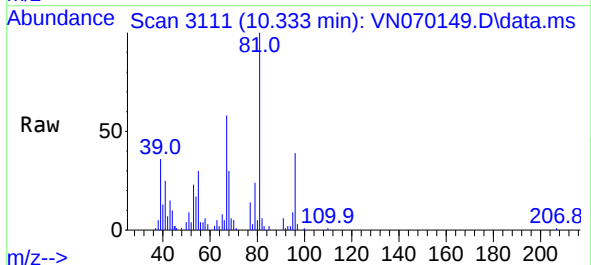
Instrument :
MSVOA_N
ClientSampleId :

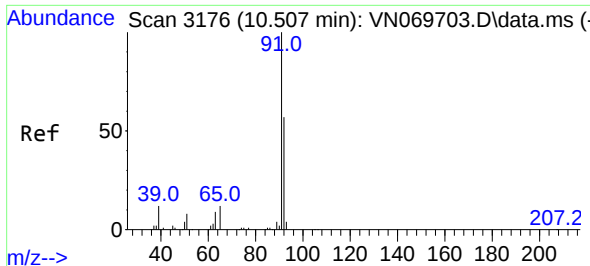
Tgt Ion: 98 Resp: 1985857
Ion Ratio Lower Upper
98 100
100 64.0 50.4 75.6



#51
4-Methyl-2-Pentanone
Concen: 0.245 ug/l
RT: 10.333 min Scan# 3111
Delta R.T. 0.000 min
Lab File: VN070149.D
Acq: 16 Dec 2021 20:05

Tgt Ion: 43 Resp: 5105
Ion Ratio Lower Upper
43 100
58 45.2 30.4 45.6

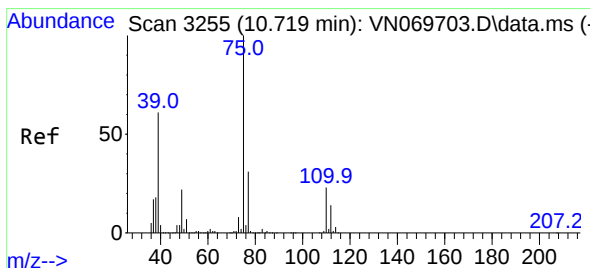
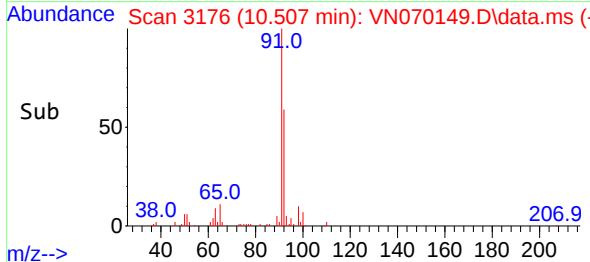
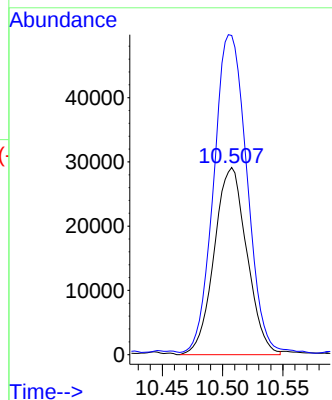
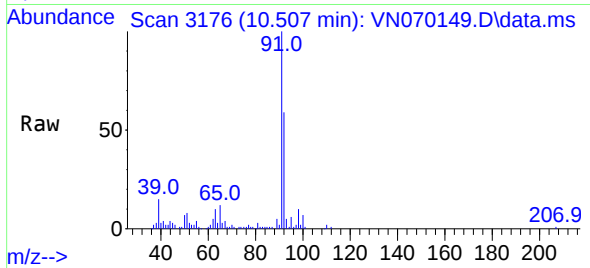




#52
Toluene
Concen: 2.015 ug/l
RT: 10.507 min Scan# 3176
Delta R.T. 0.000 min
Lab File: VN070149.D
Acq: 16 Dec 2021 20:05

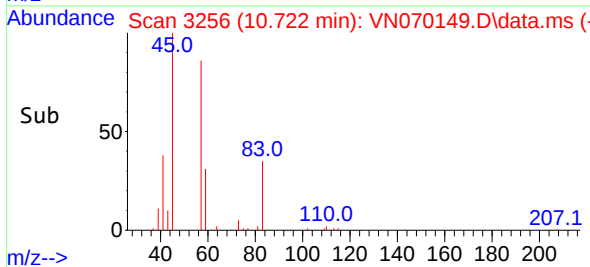
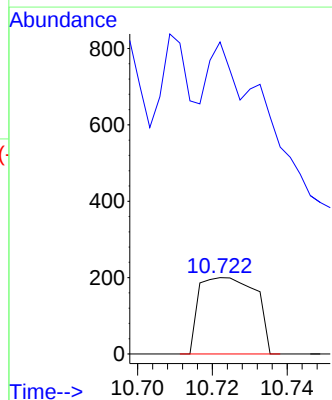
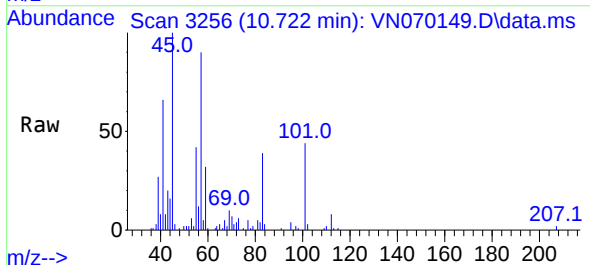
Instrument :
MSVOA_N
ClientSampleId :

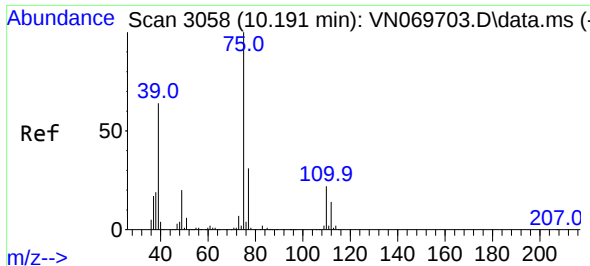
Tgt Ion: 92 Resp: 54856
Ion Ratio Lower Upper
92 100
91 173.1 142.0 213.0



#53
t-1,3-Dichloropropene
Concen: 2.805 ug/l
RT: 10.722 min Scan# 3256
Delta R.T. 0.003 min
Lab File: VN070149.D
Acq: 16 Dec 2021 20:05

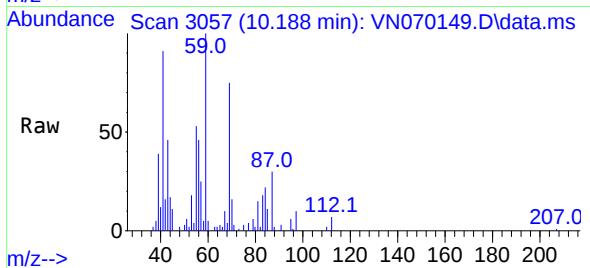
Tgt Ion: 75 Resp: 210
Ion Ratio Lower Upper
75 100
77 137.5 25.6 38.4#



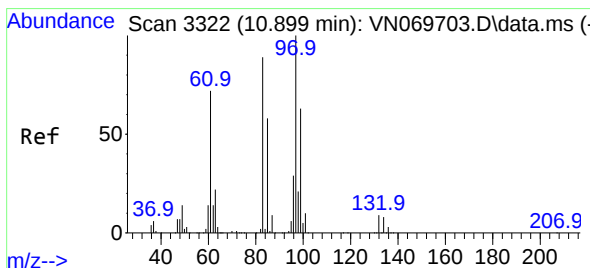
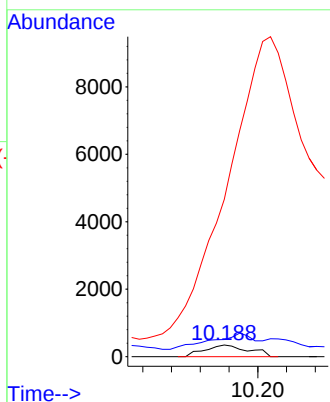
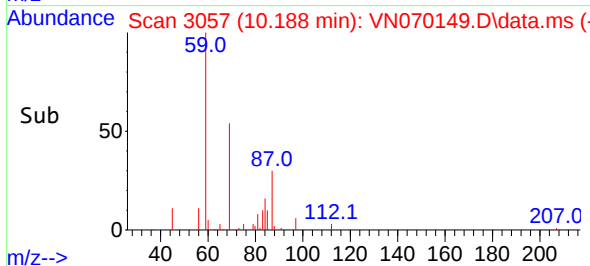


#54
cis-1,3-Dichloropropene
Concen: 2.017 ug/l
RT: 10.188 min Scan# 3058
Delta R.T. -0.003 min
Lab File: VN070149.D
Acq: 16 Dec 2021 20:05

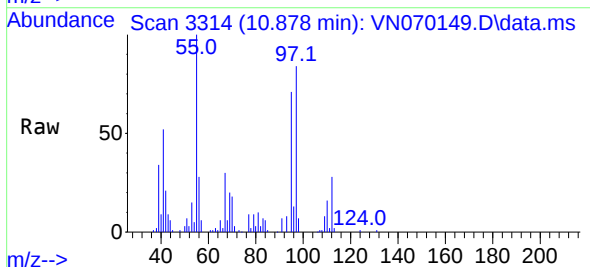
Instrument :
MSVOA_N
ClientSampleId :



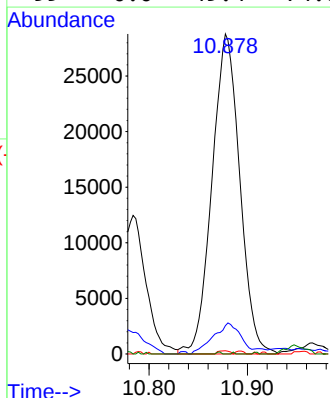
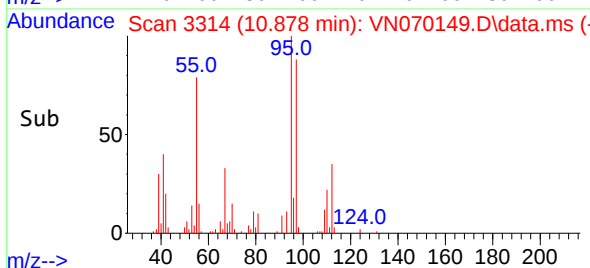
Tgt Ion: 75 Resp: 365
Ion Ratio Lower Upper
75 100
77 62.2 26.4 39.6#
39 1021.2 42.5 63.7#

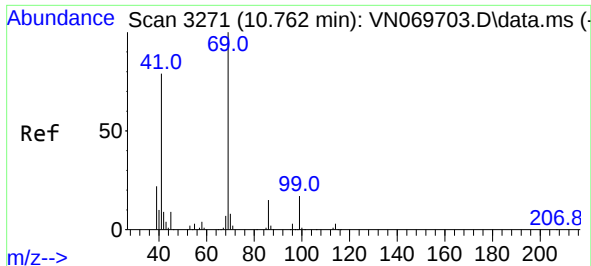


#55
1,1,2-Trichloroethane
Concen: 5.143 ug/l
RT: 10.878 min Scan# 3314
Delta R.T. -0.021 min
Lab File: VN070149.D
Acq: 16 Dec 2021 20:05



Tgt Ion: 97 Resp: 56500
Ion Ratio Lower Upper
97 100
83 8.8 67.8 101.6#
85 1.0 45.4 68.2#
99 0.0 49.4 74.0#

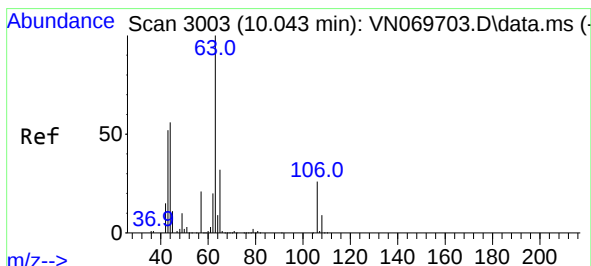
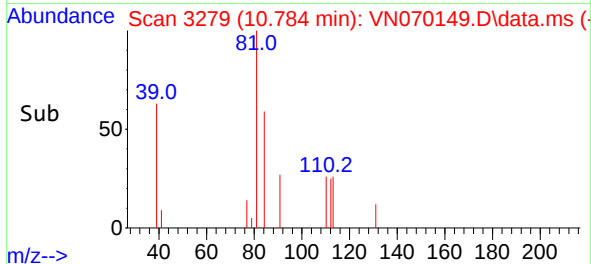
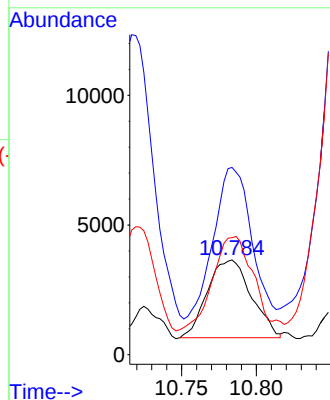
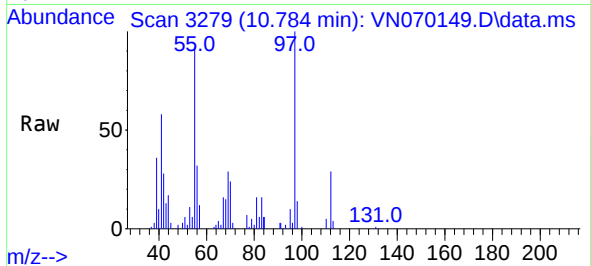




#56
Ethyl methacrylate
Concen: 2.562 ug/l
RT: 10.784 min Scan# 310
Delta R.T. 0.022 min
Lab File: VN070149.D
Acq: 16 Dec 2021 20:05

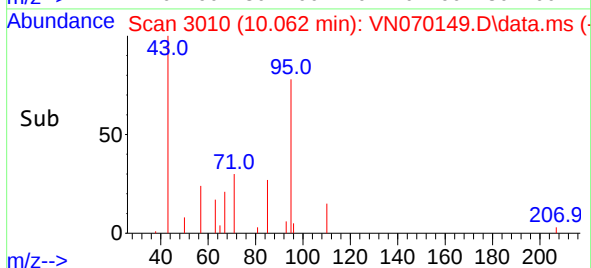
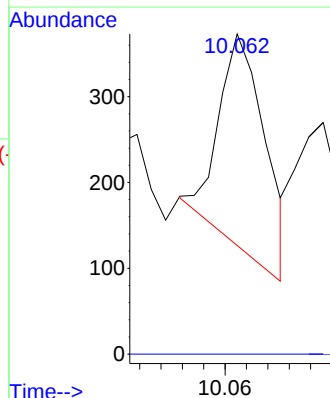
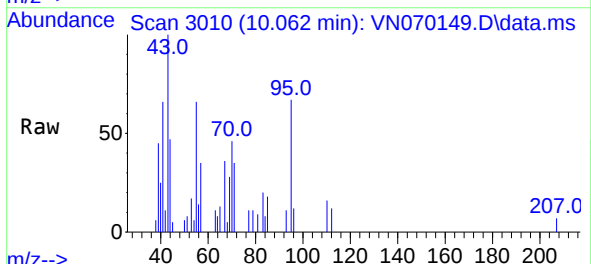
Instrument :
MSVOA_N
ClientSampleId :

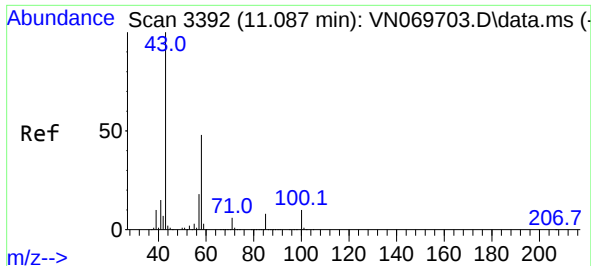
Tgt Ion: 69 Resp: 6138
Ion Ratio Lower Upper
69 100
41 182.9 51.4 77.0#
39 109.3 34.6 52.0#



#58
2-Chloroethyl Vinyl ether
Concen: 18.413 ug/l
RT: 10.062 min Scan# 3010
Delta R.T. 0.019 min
Lab File: VN070149.D
Acq: 16 Dec 2021 20:05

Tgt Ion: 63 Resp: 143
Ion Ratio Lower Upper
63 100
106 0.0 23.9 35.9#

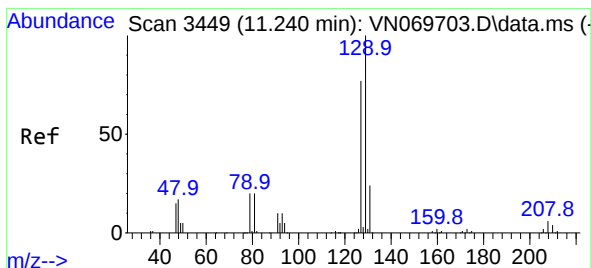
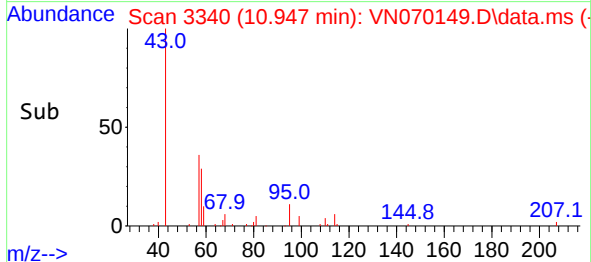
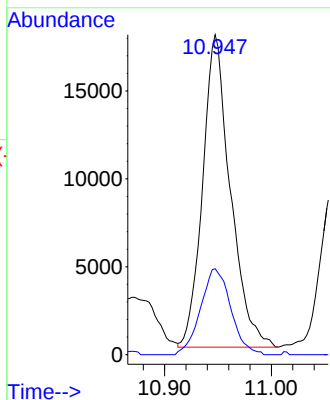
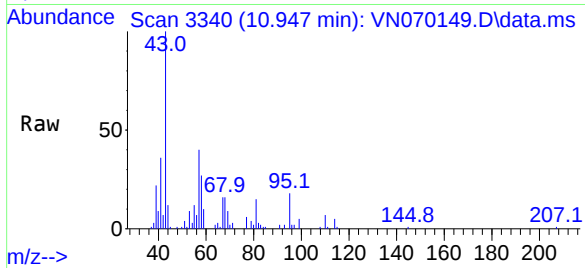




#59
2-Hexanone
Concen: 2.032 ug/l
RT: 10.947 min Scan# 31
Delta R.T. -0.140 min
Lab File: VN070149.D
Acq: 16 Dec 2021 20:05

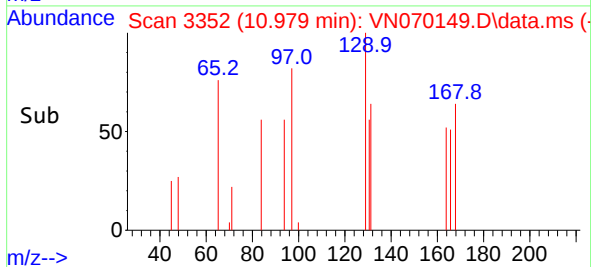
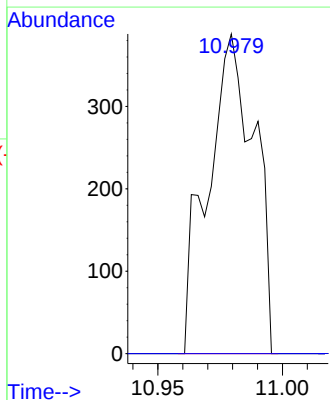
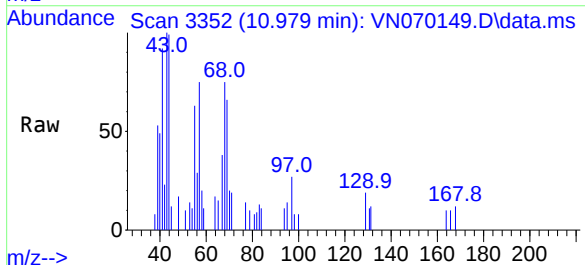
Instrument :
MSVOA_N
ClientSampleId :

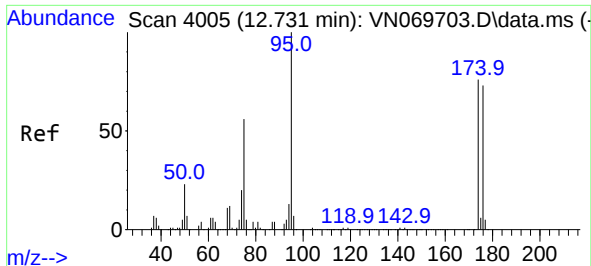
Tgt Ion: 43 Resp: 32050
Ion Ratio Lower Upper
43 100
58 30.0 26.9 80.7



#60
Dibromochloromethane
Concen: 2.417 ug/l
RT: 10.979 min Scan# 3352
Delta R.T. -0.261 min
Lab File: VN070149.D
Acq: 16 Dec 2021 20:05

Tgt Ion: 129 Resp: 505
Ion Ratio Lower Upper
129 100
127 0.0 38.6 116.0#

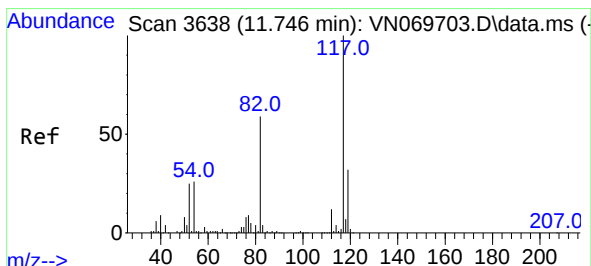
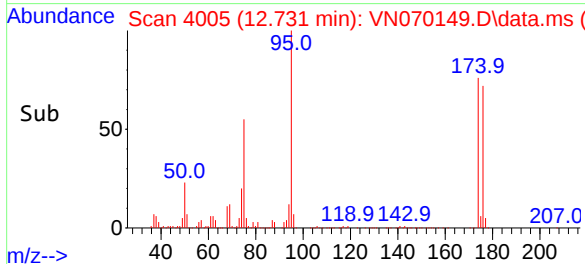
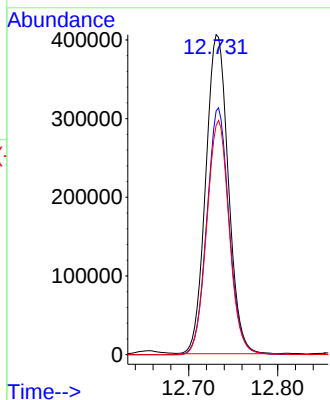
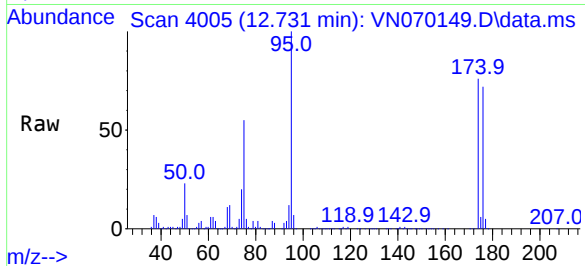




#62
4-Bromofluorobenzene
Concen: 51.136 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070149.D
Acq: 16 Dec 2021 20:05

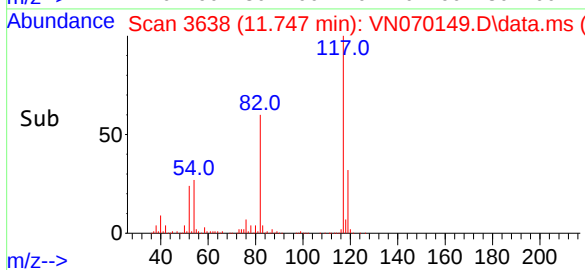
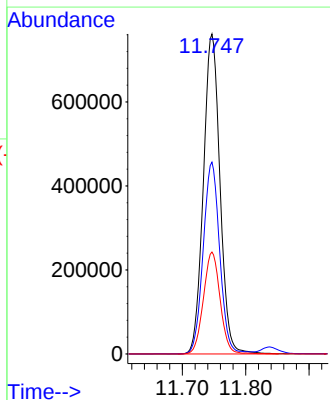
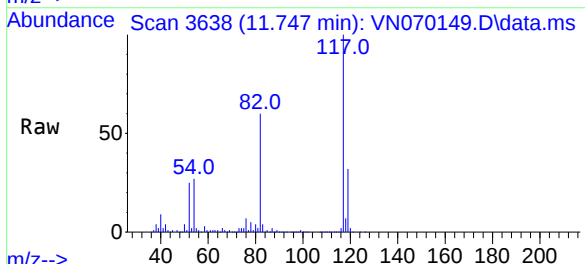
Instrument :
MSVOA_N
ClientSampleId :

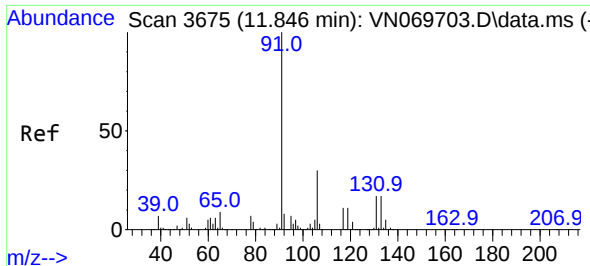
Tgt Ion: 95 Resp: 714114
Ion Ratio Lower Upper
95 100
174 76.5 0.0 187.2
176 73.2 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. 0.001 min
Lab File: VN070149.D
Acq: 16 Dec 2021 20:05

Tgt Ion: 117 Resp: 1388015
Ion Ratio Lower Upper
117 100
82 59.9 42.4 63.6
119 31.9 25.4 38.2

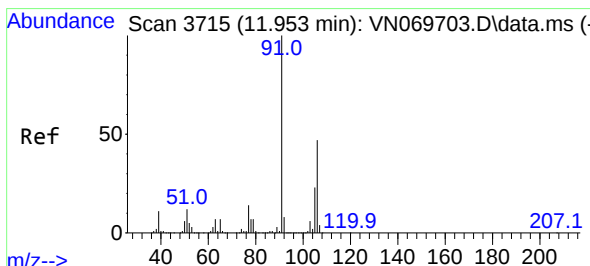
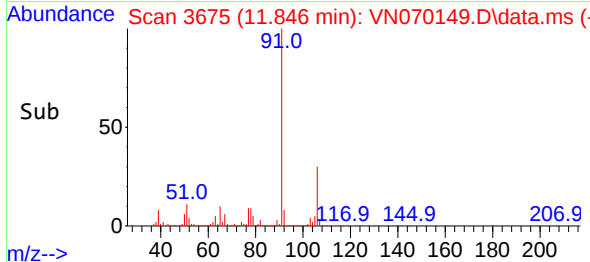
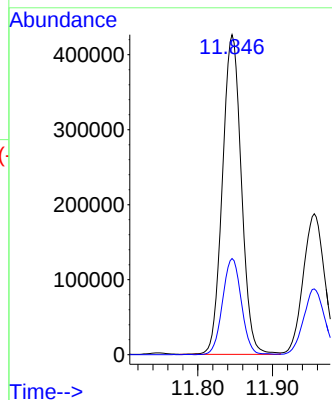
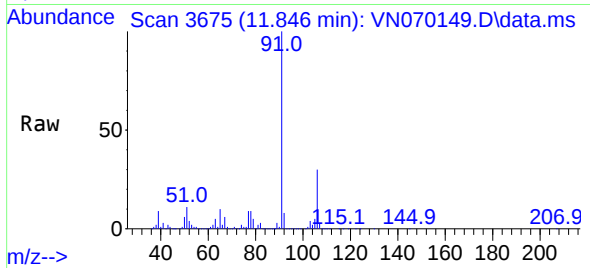




#67
Ethyl Benzene
Concen: 14.638 ug/l
RT: 11.846 min Scan# 3075
Delta R.T. 0.000 min
Lab File: VN070149.D
Acq: 16 Dec 2021 20:05

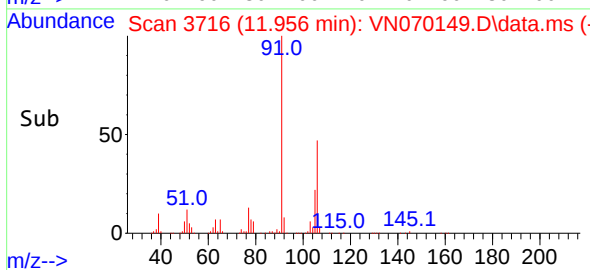
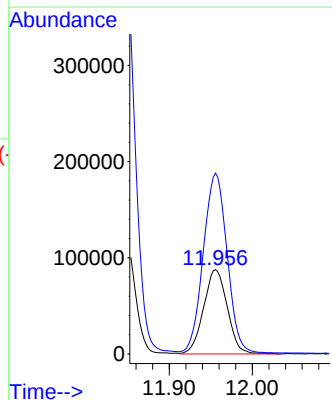
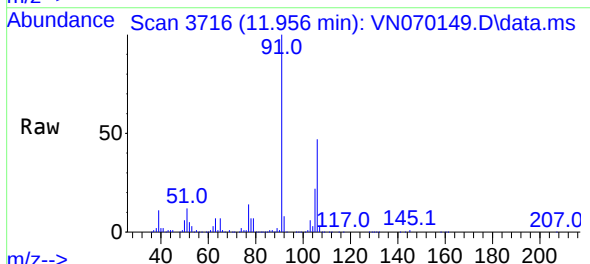
Instrument :
MSVOA_N
ClientSampleId :

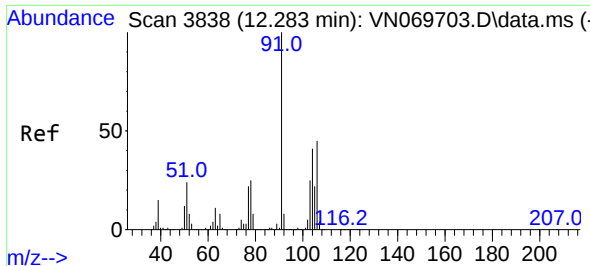
Tgt Ion: 91 Resp: 748706
Ion Ratio Lower Upper
91 100
106 30.1 25.7 38.5



#68
m/p-Xylenes
Concen: 9.336 ug/l
RT: 11.956 min Scan# 3716
Delta R.T. 0.003 min
Lab File: VN070149.D
Acq: 16 Dec 2021 20:05

Tgt Ion:106 Resp: 173868
Ion Ratio Lower Upper
106 100
91 214.3 160.6 240.8

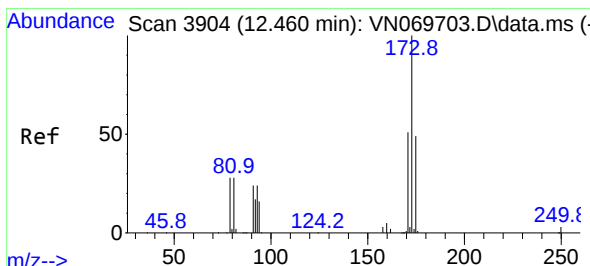
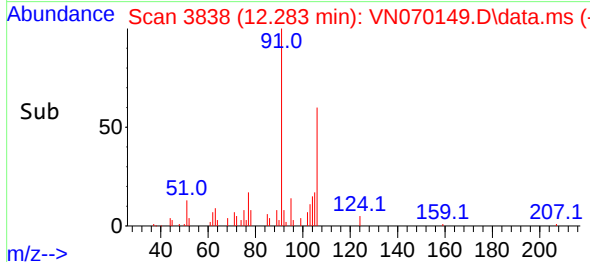
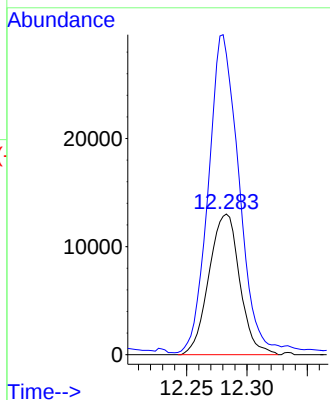
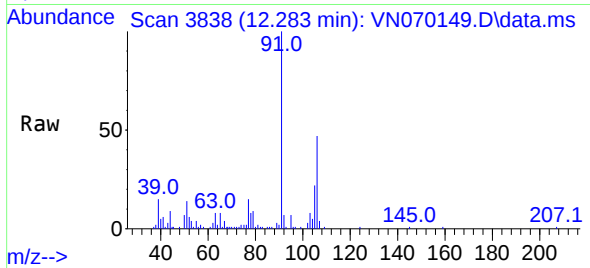




#69
o-Xylene
Concen: 1.232 ug/l
RT: 12.283 min Scan# 3838
Delta R.T. 0.000 min
Lab File: VN070149.D
Acq: 16 Dec 2021 20:05

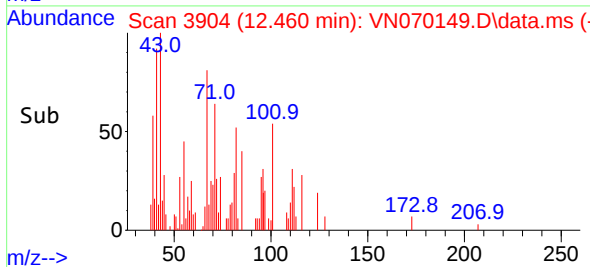
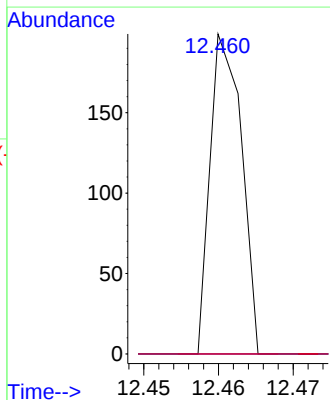
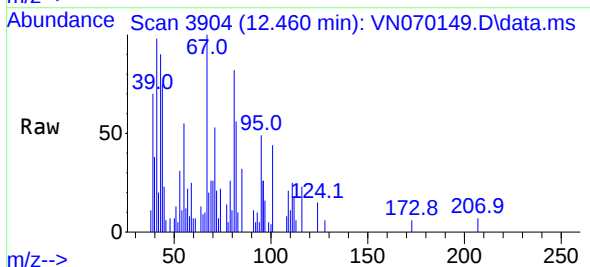
Instrument :
MSVOA_N
ClientSampleId :

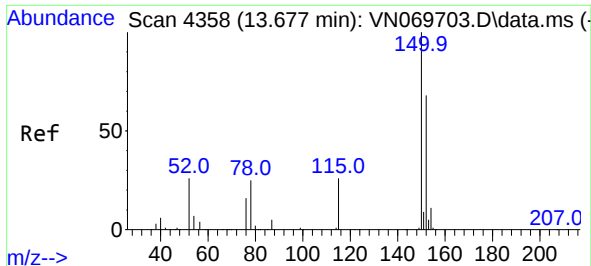
Tgt Ion:106 Resp: 23120
Ion Ratio Lower Upper
106 100
91 222.8 105.8 317.3



#71
Bromoform
Concen: 2.737 ug/l
RT: 12.460 min Scan# 3904
Delta R.T. -0.000 min
Lab File: VN070149.D
Acq: 16 Dec 2021 20:05

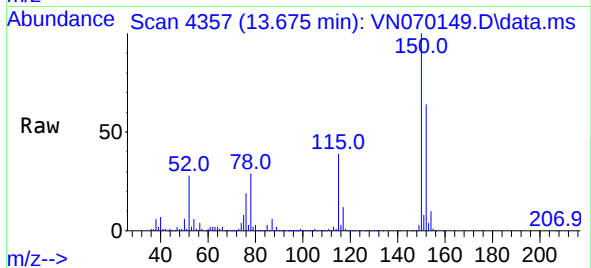
Tgt Ion:173 Resp: 58
Ion Ratio Lower Upper
173 100
175 0.0 24.2 72.6#
254 0.0 0.0 0.0



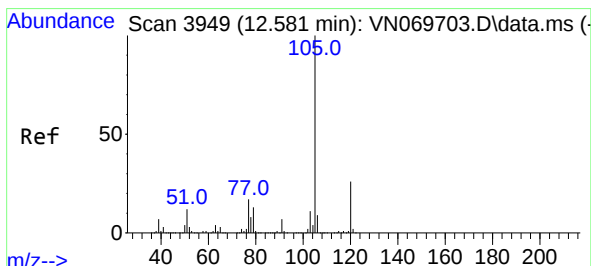
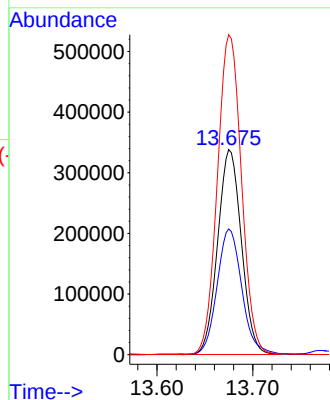
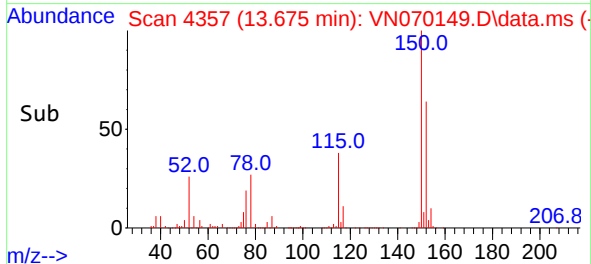


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 41
Delta R.T. -0.003 min
Lab File: VN070149.D
Acq: 16 Dec 2021 20:05

Instrument :
MSVOA_N
ClientSampleId :

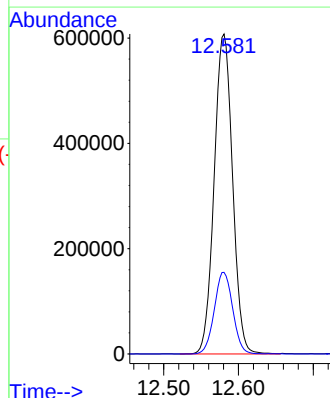
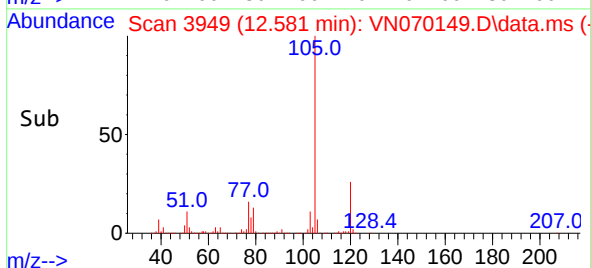
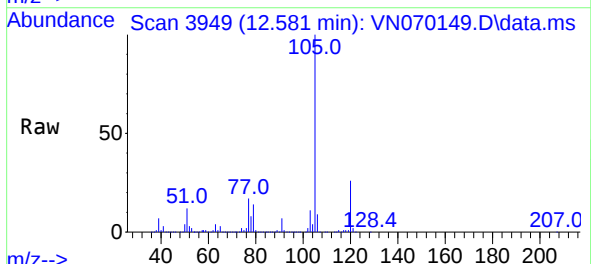


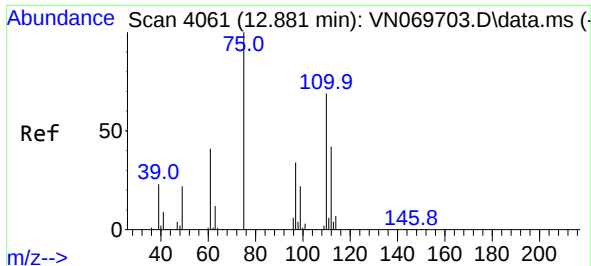
Tgt Ion:152 Resp: 580402
Ion Ratio Lower Upper
152 100
115 63.3 27.5 82.5
150 158.8 0.0 344.4



#73
Isopropylbenzene
Concen: 20.076 ug/l
RT: 12.581 min Scan# 3949
Delta R.T. 0.000 min
Lab File: VN070149.D
Acq: 16 Dec 2021 20:05

Tgt Ion:105 Resp: 1036723
Ion Ratio Lower Upper
105 100
120 25.5 13.4 40.1

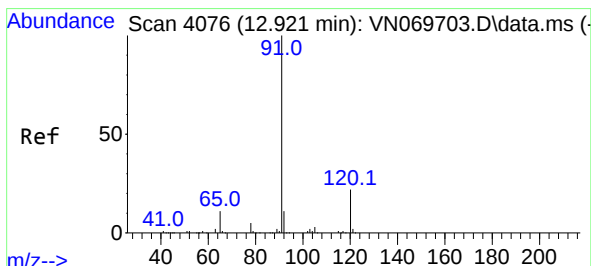
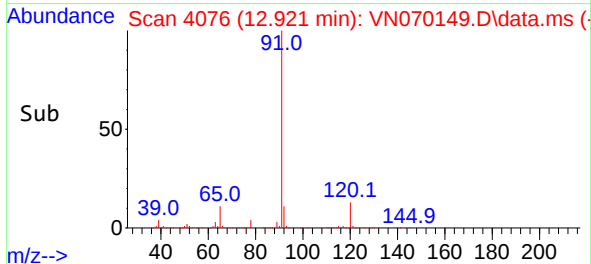
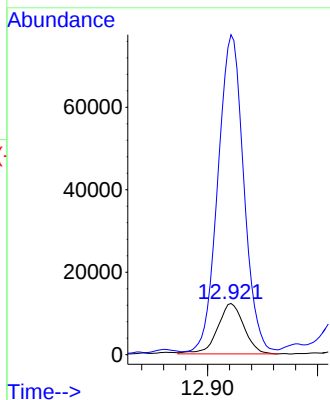
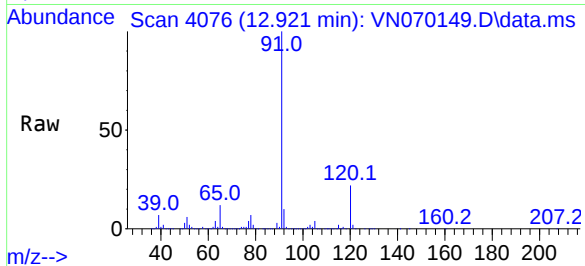




#76
1,2,3-Trichloropropane
Concen: 1.223 ug/l
RT: 12.921 min Scan# 4076
Delta R.T. 0.040 min
Lab File: VN070149.D
Acq: 16 Dec 2021 20:05

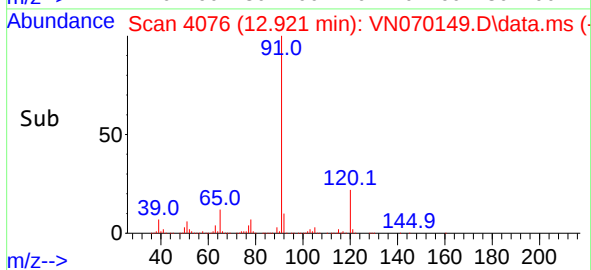
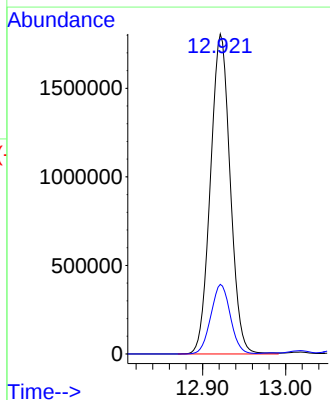
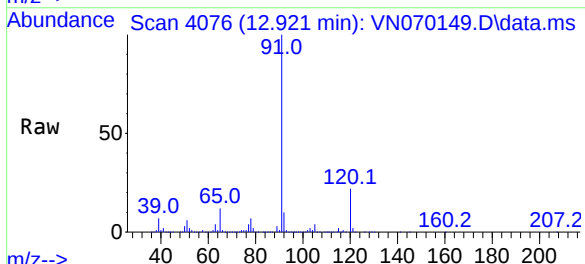
Instrument :
MSVOA_N
ClientSampleId :

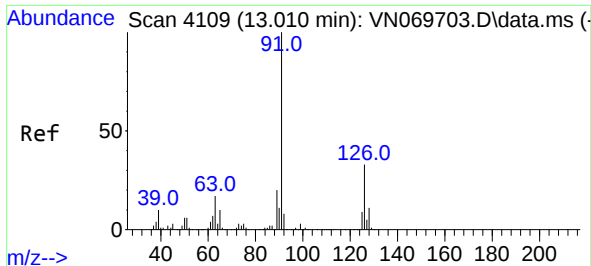
Tgt Ion: 75 Resp: 20349
Ion Ratio Lower Upper
75 100
77 614.3 82.6 247.8#



#78
n-propylbenzene
Concen: 51.833 ug/l
RT: 12.921 min Scan# 4076
Delta R.T. 0.000 min
Lab File: VN070149.D
Acq: 16 Dec 2021 20:05

Tgt Ion: 91 Resp: 2978486
Ion Ratio Lower Upper
91 100
120 21.5 11.9 35.9

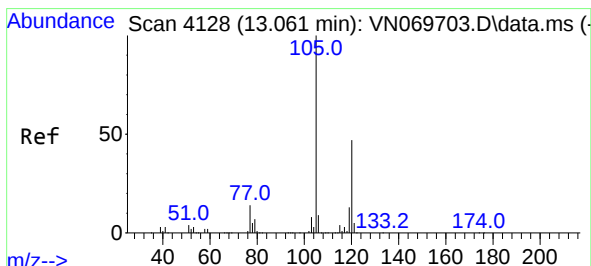
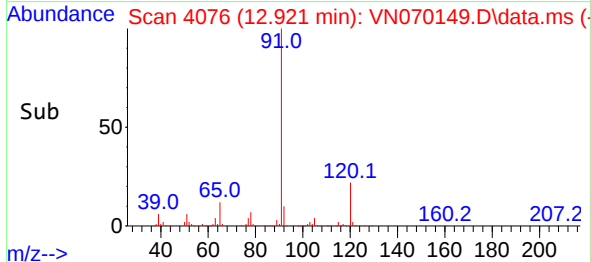
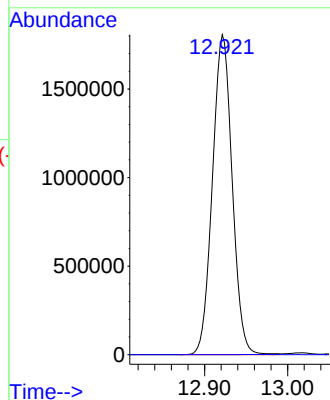
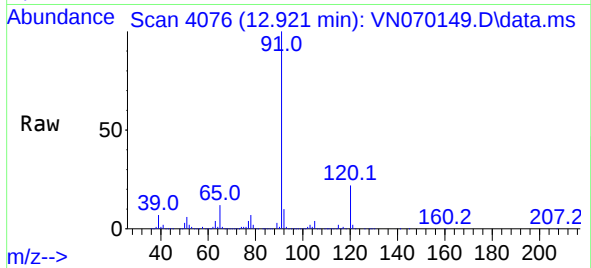




#79
2-Chlorotoluene
Concen: 82.031 ug/l
RT: 12.921 min Scan# 4109
Delta R.T. -0.088 min
Lab File: VN070149.D
Acq: 16 Dec 2021 20:05

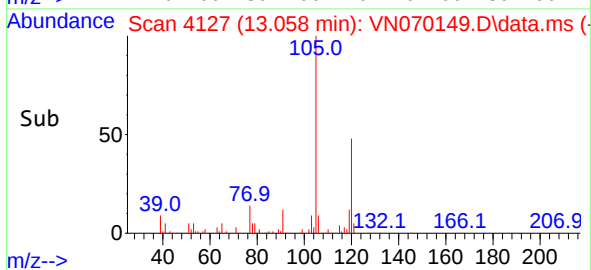
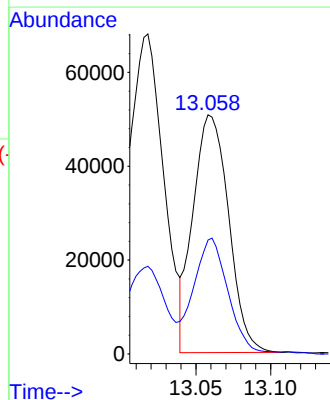
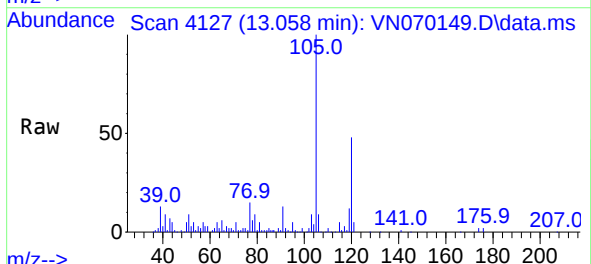
Instrument :
MSVOA_N
ClientSampleId :

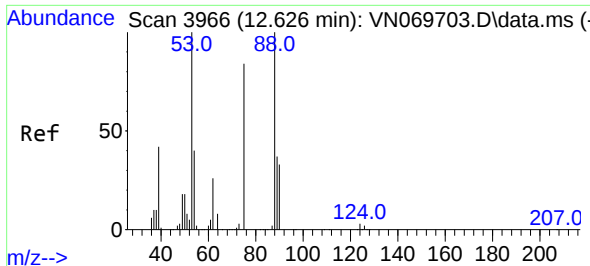
Tgt Ion: 91 Resp: 2978486
Ion Ratio Lower Upper
91 100
126 0.0 18.3 54.8#



#80
1,3,5-Trimethylbenzene
Concen: 2.016 ug/l
RT: 13.058 min Scan# 4127
Delta R.T. -0.003 min
Lab File: VN070149.D
Acq: 16 Dec 2021 20:05

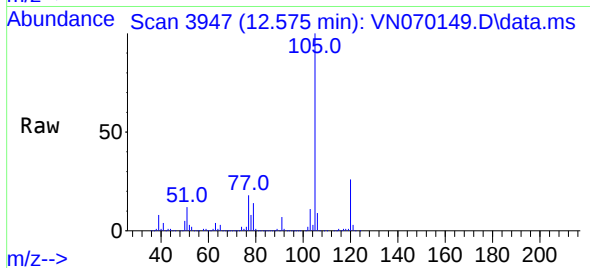
Tgt Ion: 105 Resp: 83798
Ion Ratio Lower Upper
105 100
120 44.8 24.6 73.6



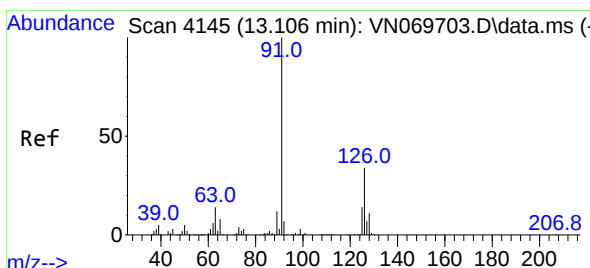
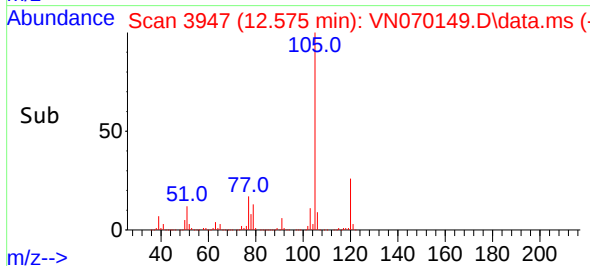
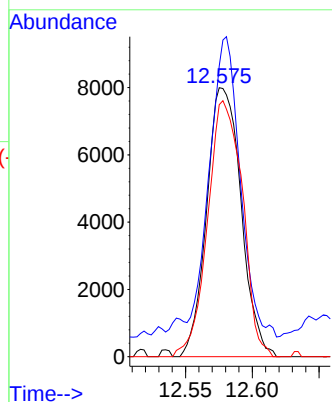


#81
trans-1,4-Dichloro-2-butene
Concen: 6.649 ug/l
RT: 12.575 min Scan# 3966
Delta R.T. -0.051 min
Lab File: VN070149.D
Acq: 16 Dec 2021 20:05

Instrument :
MSVOA_N
ClientSampleId :

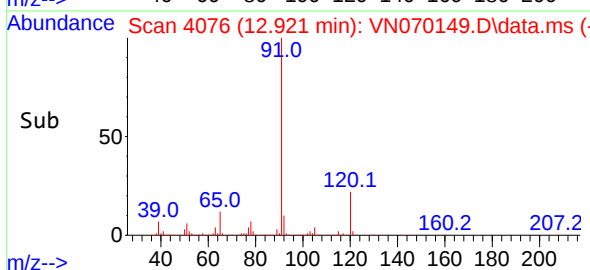
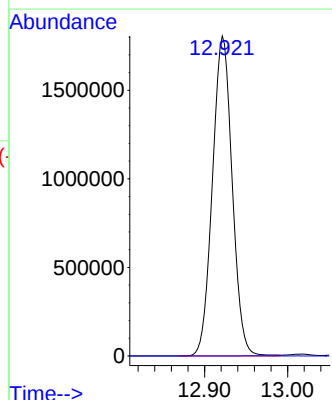
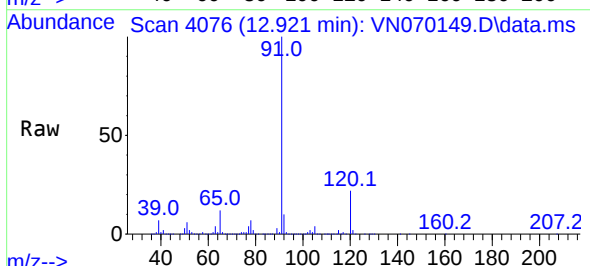


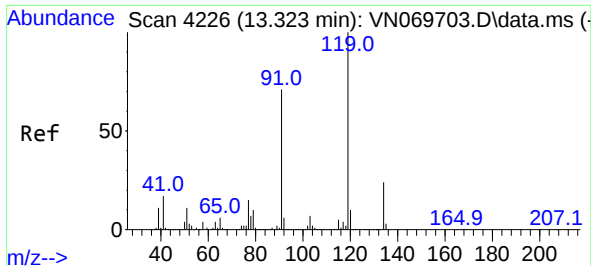
Tgt Ion: 75 Resp: 14327
Ion Ratio Lower Upper
75 100
53 98.7 90.5 135.7
89 96.2 38.2 57.4#



#82
4-Chlorotoluene
Concen: 87.226 ug/l
RT: 12.921 min Scan# 4076
Delta R.T. -0.185 min
Lab File: VN070149.D
Acq: 16 Dec 2021 20:05

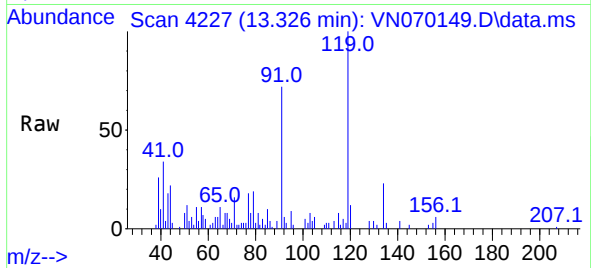
Tgt Ion: 91 Resp: 2978486
Ion Ratio Lower Upper
91 100
126 0.0 18.2 54.6#



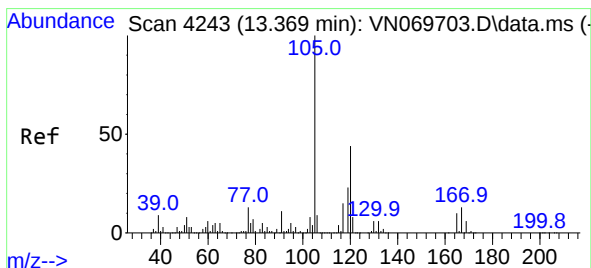
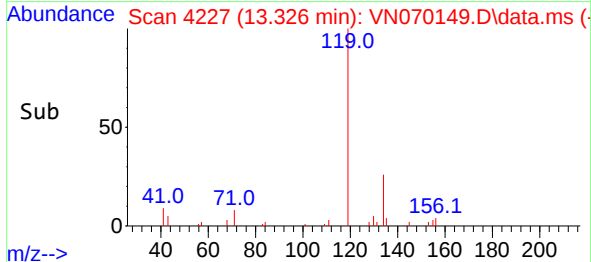
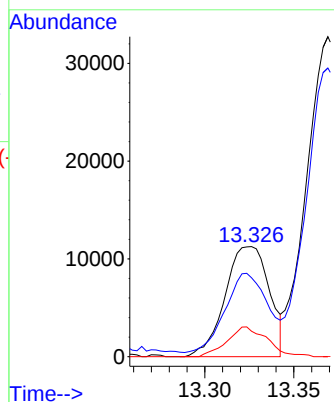


#83
tert-Butylbenzene
Concen: 0.530 ug/l
RT: 13.326 min Scan# 41
Delta R.T. 0.003 min
Lab File: VN070149.D
Acq: 16 Dec 2021 20:05

Instrument :
MSVOA_N
ClientSampleId :

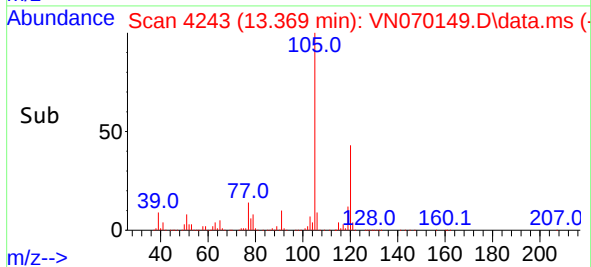
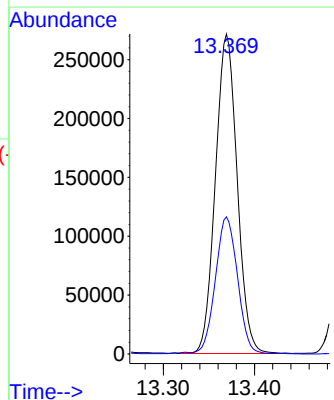
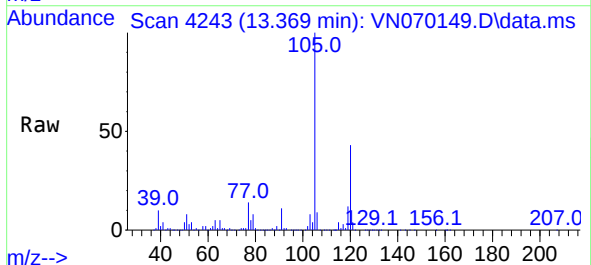


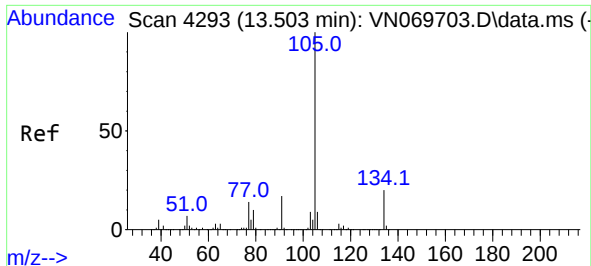
Tgt Ion:119 Resp: 19513
Ion Ratio Lower Upper
119 100
91 68.5 31.5 94.5
134 24.6 12.4 37.4



#84
1,2,4-Trimethylbenzene
Concen: 11.345 ug/l
RT: 13.369 min Scan# 4243
Delta R.T. 0.000 min
Lab File: VN070149.D
Acq: 16 Dec 2021 20:05

Tgt Ion:105 Resp: 449073
Ion Ratio Lower Upper
105 100
120 44.0 22.8 68.4

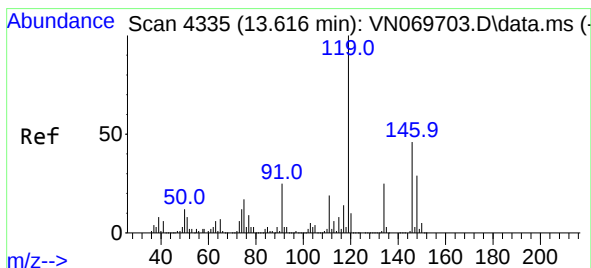
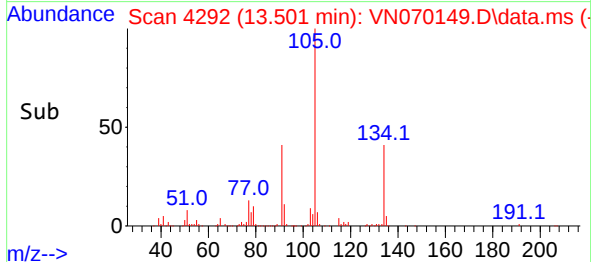
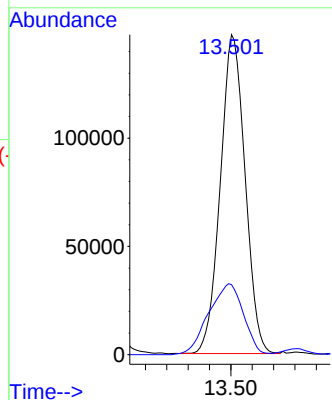
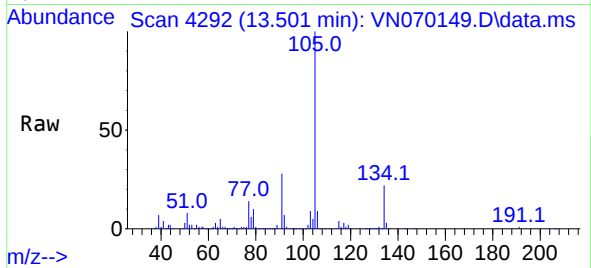




#85
 sec-Butylbenzene
 Concen: 4.743 ug/l
 RT: 13.501 min Scan# 41
 Delta R.T. -0.003 min
 Lab File: VN070149.D
 Acq: 16 Dec 2021 20:05

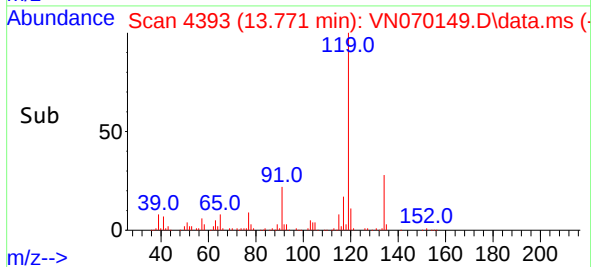
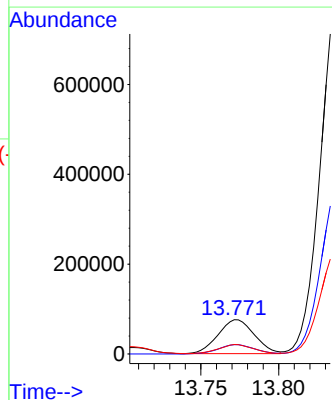
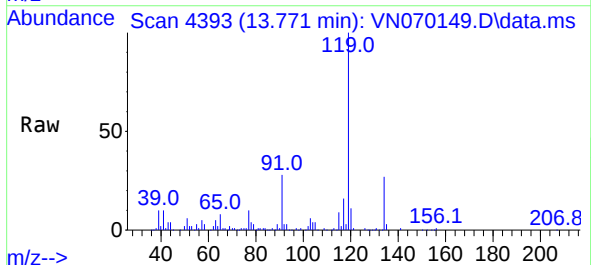
Instrument :
 MSVOA_N
 ClientSampleId :

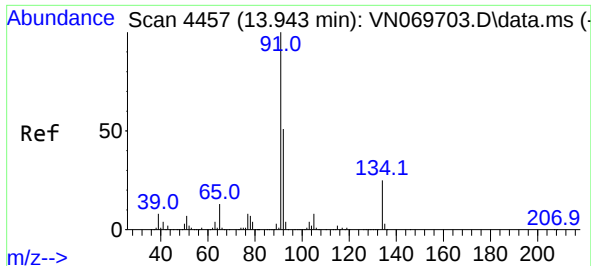
Tgt Ion:105 Resp: 236783
 Ion Ratio Lower Upper
 105 100
 134 31.3 10.4 31.1#



#86
 p-Isopropyltoluene
 Concen: 3.127 ug/l
 RT: 13.771 min Scan# 4393
 Delta R.T. 0.156 min
 Lab File: VN070149.D
 Acq: 16 Dec 2021 20:05

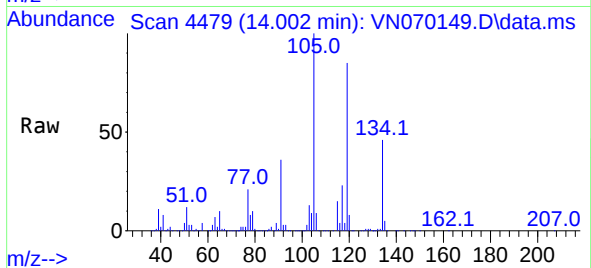
Tgt Ion:119 Resp: 122017
 Ion Ratio Lower Upper
 119 100
 134 27.4 13.6 40.7
 91 0.0 11.4 34.1#



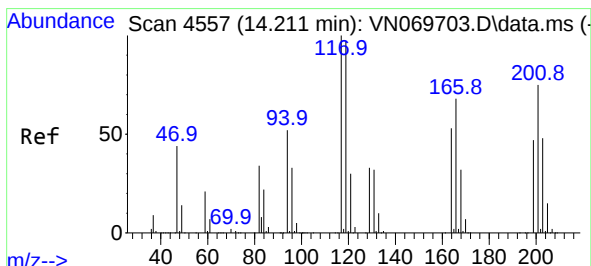
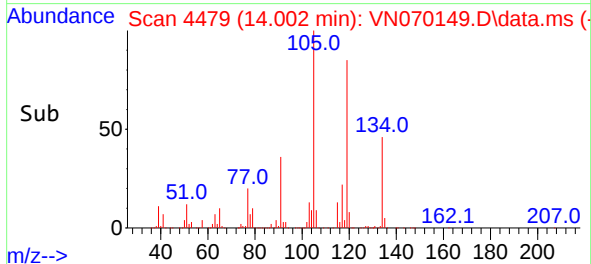
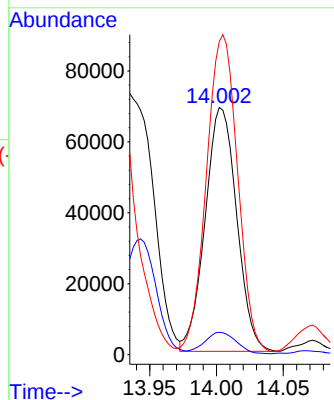


#89
n-Butylbenzene
Concen: 3.567 ug/l
RT: 14.002 min Scan# 4457
Delta R.T. 0.059 min
Lab File: VN070149.D
Acq: 16 Dec 2021 20:05

Instrument :
MSVOA_N
ClientSampleId :

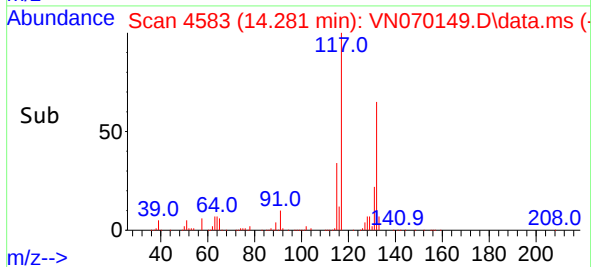
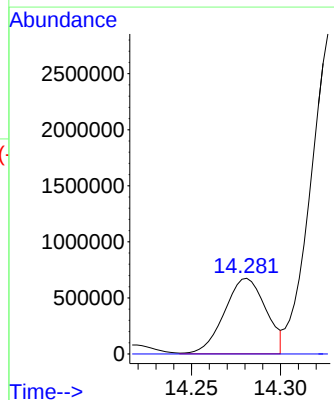
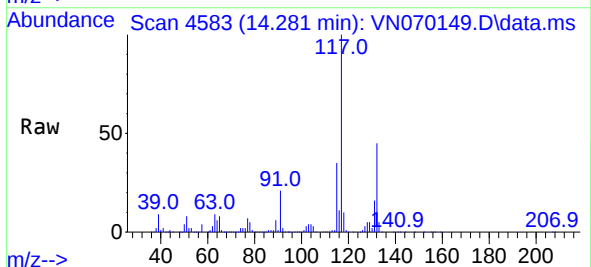


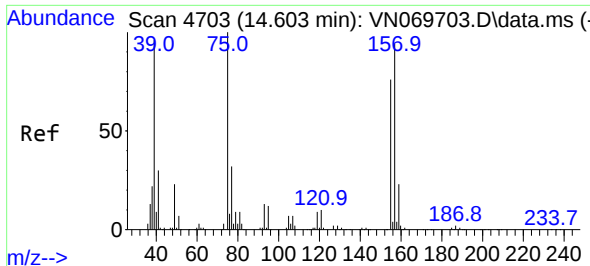
Tgt Ion: 91 Resp: 112919
Ion Ratio Lower Upper
91 100
92 8.8 25.4 76.0#
134 128.4 13.6 40.8#



#90
Hexachloroethane
Concen: 160.474 ug/l
RT: 14.281 min Scan# 4583
Delta R.T. 0.070 min
Lab File: VN070149.D
Acq: 16 Dec 2021 20:05

Tgt Ion: 117 Resp: 1099387
Ion Ratio Lower Upper
117 100
201 0.0 43.9 131.6#

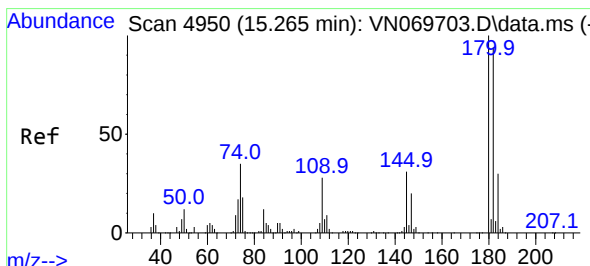
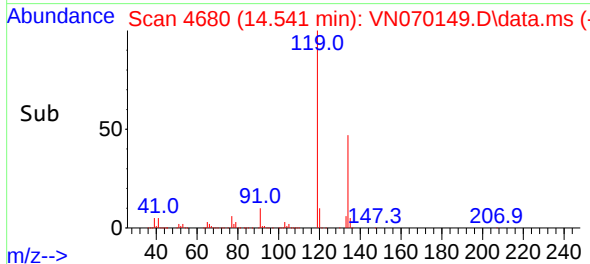
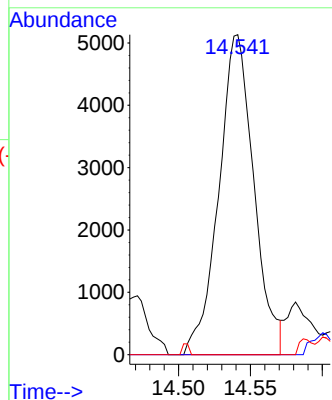
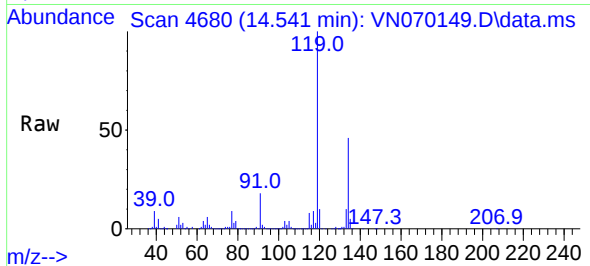




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 2.698 ug/l
 RT: 14.541 min Scan# 41
 Delta R.T. -0.062 min
 Lab File: VN070149.D
 Acq: 16 Dec 2021 20:05

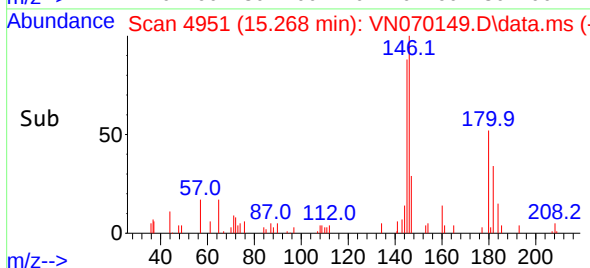
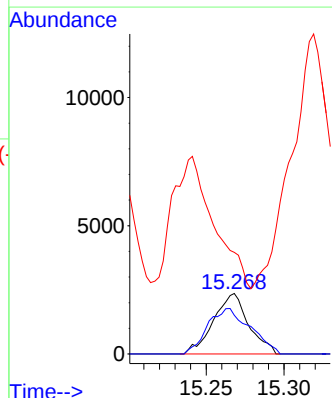
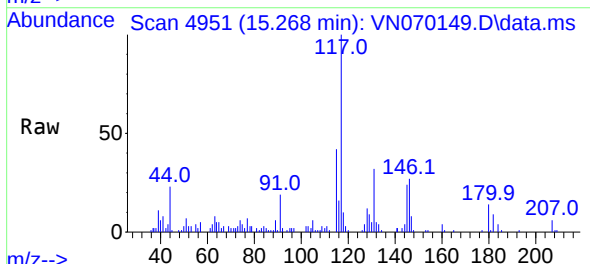
Instrument :
 MSVOA_N
 ClientSampleId :

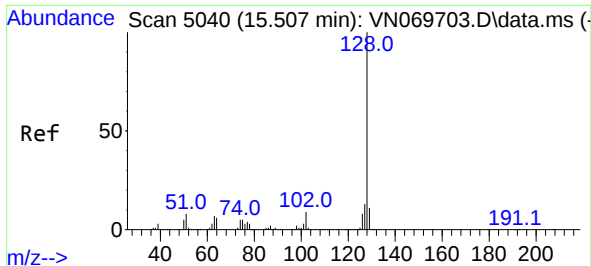
Tgt Ion: 75 Resp: 8706
 Ion Ratio Lower Upper
 75 100
 155 0.0 46.9 140.7#
 157 0.0 60.6 181.7#



#93
 1,2,4-Trichlorobenzene
 Concen: 3.243 ug/l
 RT: 15.268 min Scan# 4951
 Delta R.T. 0.003 min
 Lab File: VN070149.D
 Acq: 16 Dec 2021 20:05

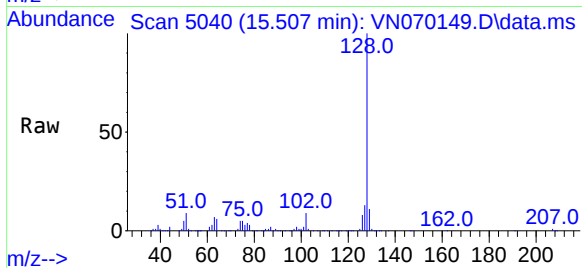
Tgt Ion:180 Resp: 3689
 Ion Ratio Lower Upper
 180 100
 182 91.7 48.3 144.9
 145 0.0 14.5 43.5#



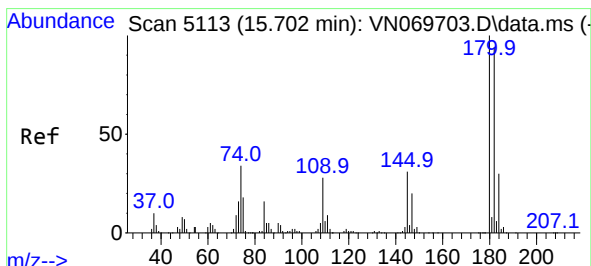
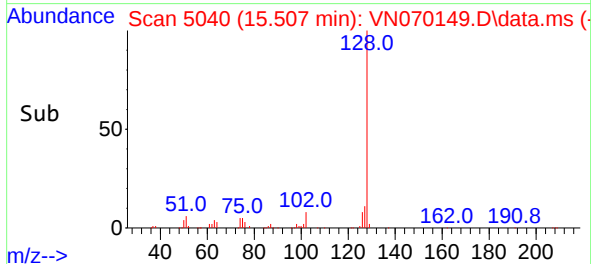
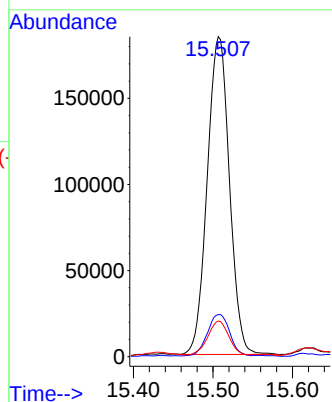


#95
Naphthalene
Concen: 15.591 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. -0.000 min
Lab File: VN070149.D
Acq: 16 Dec 2021 20:05

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:128 Resp: 357695
Ion Ratio Lower Upper
128 100
127 13.0 10.5 15.7
129 10.0 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 2.864 ug/l
RT: 15.705 min Scan# 5114
Delta R.T. 0.003 min
Lab File: VN070149.D
Acq: 16 Dec 2021 20:05

Tgt Ion:180 Resp: 4183
Ion Ratio Lower Upper
180 100
182 89.2 47.4 142.2
145 0.0 15.0 45.1#

