

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121121\
 Data File : VN070014.D
 Acq On : 11 Dec 2021 17:44
 Operator : JC/MD
 Sample : M4873-05 10X
 Misc : 5.86g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 12 16:24:02 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 03 08:46:47 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	1192294	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	2212385	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	2670911	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	1327430	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	901135	48.951	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	97.900%		
35) Dibromofluoromethane	8.021	113	666949	48.128	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	96.260%		
50) Toluene-d8	10.443	98	2989072	53.718	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	107.440%		
62) 4-Bromofluorobenzene	12.731	95	1432416	71.057	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	142.120%#		
Target Compounds						
					Qvalue	
3) Chloromethane	2.301	50	3588	0.206	ug/l	91
11) Tert butyl alcohol	5.321	59	25723	7.392	ug/l #	71
13) Acrolein	4.039	56	862	0.291	ug/l #	14
14) Allyl chloride	4.937	41	24571	0.960	ug/l #	75
15) Acrylonitrile	5.607	53	31805	3.392	ug/l #	30
16) Acetone	4.237	43	94231	8.509	ug/l #	55
18) Methyl Acetate	5.068	43	580436	17.365	ug/l #	51
20) Methylene Chloride	5.243	84	74023	5.028	ug/l #	14
23) Vinyl Acetate	6.466	43	20261	0.498	ug/l #	72
24) 1,1-Dichloroethane	6.460	63	7085	0.273	ug/l #	83
25) 2-Butanone	7.321	43	35027	2.328	ug/l #	48
30) Chloroform	7.844	83	7864	0.301	ug/l #	10
31) Cyclohexane	8.078	56	732582	28.595	ug/l #	65
36) 1,1-Dichloropropene	8.083	75	102309	4.858	ug/l #	49
37) Ethyl Acetate	7.321	43	35027	1.117	ug/l #	73
38) Carbon Tetrachloride	8.086	117	122855	5.948	ug/l #	16
39) Methylcyclohexane	9.459	83	886133	35.372	ug/l #	77
40) Benzene	8.461	78	544921	8.465	ug/l	98
41) Methacrylonitrile	7.675	41	22956	1.560	ug/l #	34
43) Isopropyl Acetate	8.558	43	125916	2.714	ug/l #	55
47) Bromodichloromethane	9.743	83	64180	2.990	ug/l #	27
48) Methyl methacrylate	9.593	41	150361	6.946	ug/l #	24
51) 4-Methyl-2-Pentanone	10.371	43	414521	13.774	ug/l #	76
52) Toluene	10.505	92	133555	3.398	ug/l	99
53) t-1,3-Dichloropropene	10.725	75	62	2.796	ug/l #	1
54) cis-1,3-Dichloropropene	10.175	75	246	2.007	ug/l #	1
55) 1,1,2-Trichloroethane	10.878	97	177542	11.196	ug/l #	35
56) Ethyl methacrylate	10.784	69	15582	2.776	ug/l #	1
58) 2-Chloroethyl Vinyl ether	10.019	63	14901	20.097	ug/l #	47
59) 2-Hexanone	11.055	43	186461	8.191	ug/l #	30
60) Dibromochloromethane	11.317	129	176	2.386	ug/l	91
67) Ethyl Benzene	11.846	91	3234412	32.861	ug/l	96
68) m/p-Xylenes	11.953	106	2067185	57.682	ug/l	92
69) o-Xylene	12.283	106	161292	4.468	ug/l	87
71) Bromoform	12.455	173	488	2.759	ug/l #	29
73) Isopropylbenzene	12.581	105	443756	3.757	ug/l	100

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

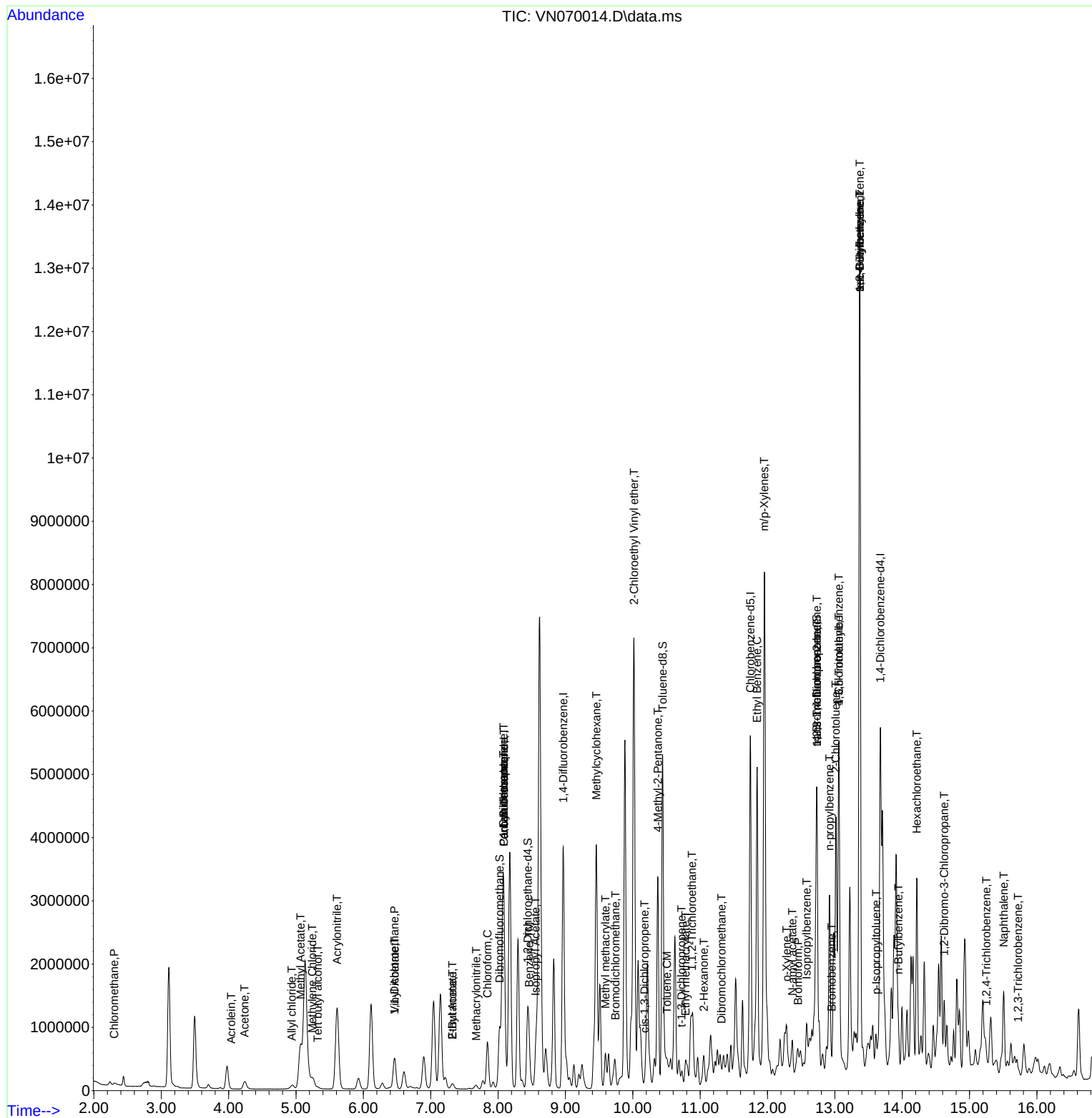
74) N-amyl acetate	12.369	43	136625	2.616	ug/l #	51
76) 1,2,3-Trichloropropane	12.733	75	800222	21.021	ug/l #	1
77) Bromobenzene	12.953	156	81565	2.940	ug/l #	1
78) n-propylbenzene	12.921	91	2099027	15.971	ug/l	95
79) 2-Chlorotoluene	13.015	91	295917	3.563	ug/l #	38
80) 1,3,5-Trimethylbenzene	13.061	105	2305325	24.251	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.733	75	800222	67.272	ug/l #	7
82) 4-Chlorotoluene	13.061	91	258508	3.310	ug/l #	39
83) tert-Butylbenzene	13.369	119	920686	10.938	ug/l #	59
84) 1,2,4-Trimethylbenzene	13.369	105	7564704	83.559	ug/l	98
85) sec-Butylbenzene	13.369	105	7564704	66.257	ug/l #	56
86) p-Isopropyltoluene	13.616	119	126664	1.419	ug/l	96
89) n-Butylbenzene	13.943	91	332558	4.594	ug/l #	65
90) Hexachloroethane	14.217	117	150025	9.575	ug/l #	6
92) 1,2-Dibromo-3-Chloropr...	14.622	75	4769	0.646	ug/l	92
93) 1,2,4-Trichlorobenzene	15.249	180	279	2.890	ug/l #	1
95) Naphthalene	15.507	128	1071198	19.182	ug/l	99
96) 1,2,3-Trichlorobenzene	15.719	180	1186	2.489	ug/l #	12

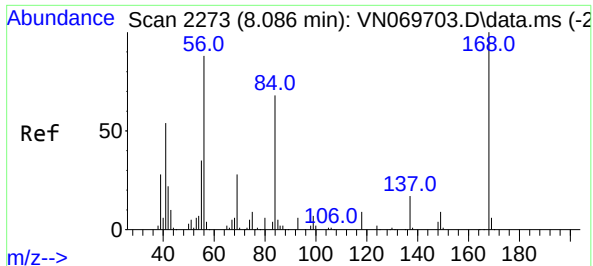
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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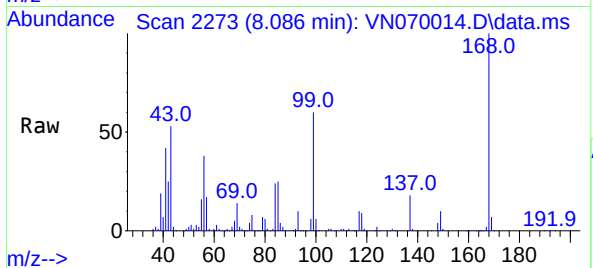
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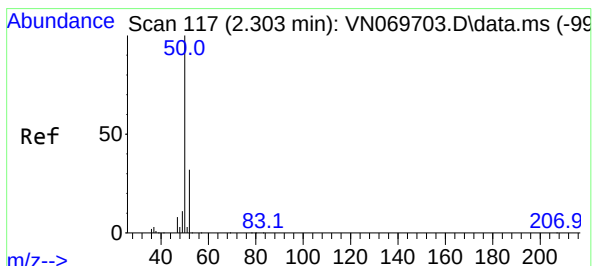
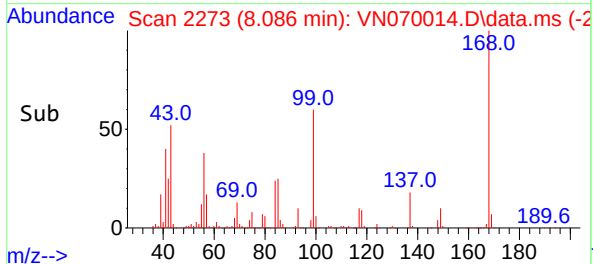
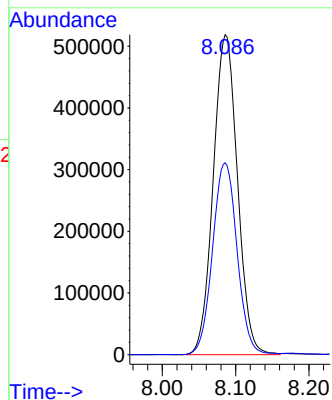


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN070014.D
Acq: 11 Dec 2021 17:44

Instrument :
MSVOA_N
ClientSampleId :

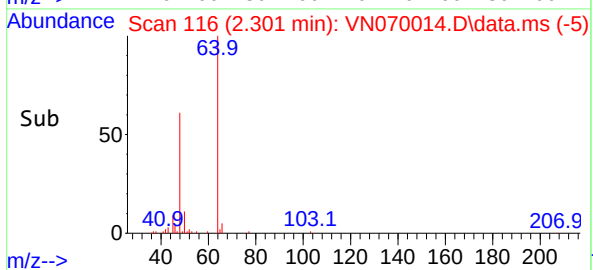
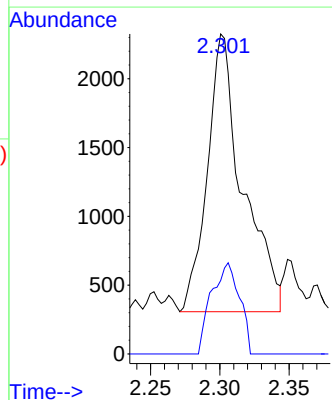
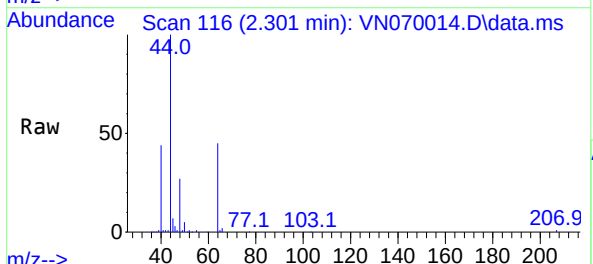


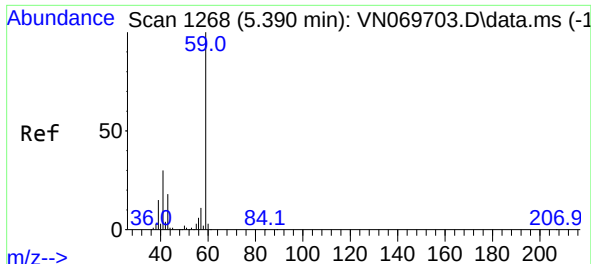
Tgt Ion:168 Resp: 1192294
Ion Ratio Lower Upper
168 100
99 59.9 41.3 61.9



#3
Chloromethane
Concen: 0.206 ug/l
RT: 2.301 min Scan# 116
Delta R.T. -0.003 min
Lab File: VN070014.D
Acq: 11 Dec 2021 17:44

Tgt Ion: 50 Resp: 3588
Ion Ratio Lower Upper
50 100
52 26.4 25.4 38.0

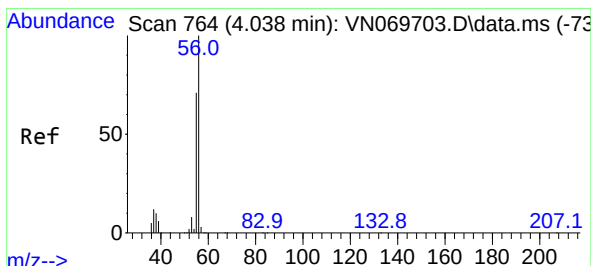
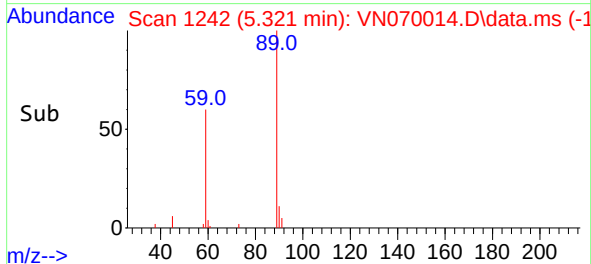
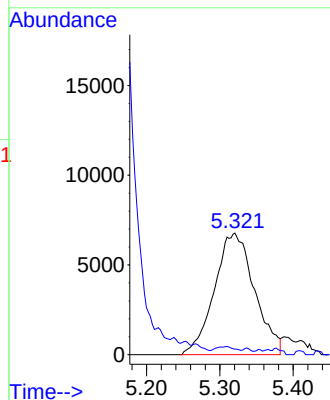
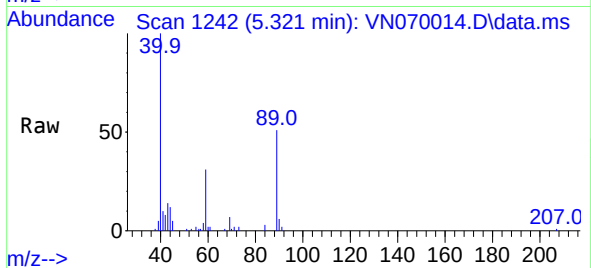




#11
Tert butyl alcohol
Concen: 7.392 ug/l
RT: 5.321 min Scan# 11
Delta R.T. -0.070 min
Lab File: VN070014.D
Acq: 11 Dec 2021 17:44

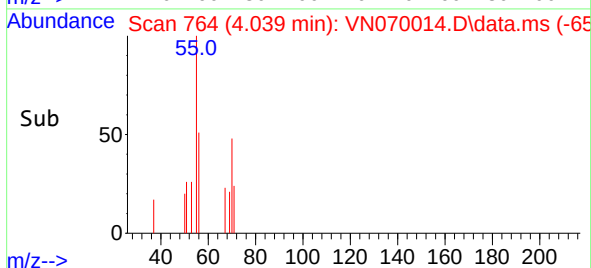
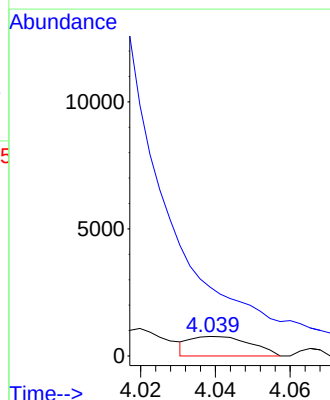
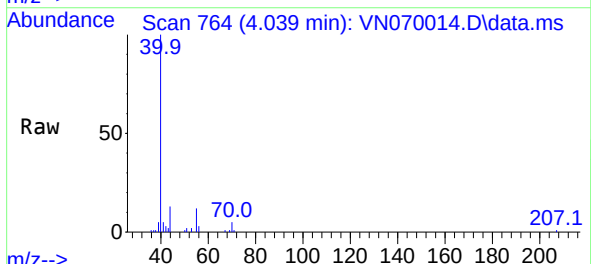
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MSVOA_N
ClientSampleId :

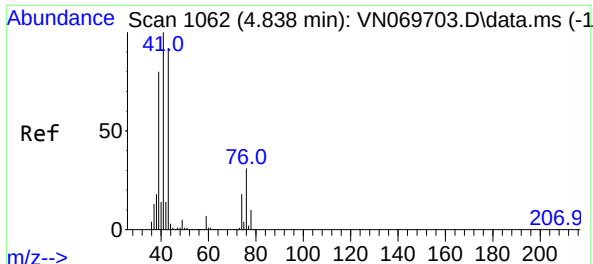
Tgt Ion: 59 Resp: 25723
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1#



#13
Acrolein
Concen: 0.291 ug/l
RT: 4.039 min Scan# 764
Delta R.T. 0.000 min
Lab File: VN070014.D
Acq: 11 Dec 2021 17:44

Tgt Ion: 56 Resp: 862
Ion Ratio Lower Upper
56 100
55 0.0 56.6 85.0#





#14

Allyl chloride

Concen: 0.960 ug/l

RT: 4.937 min Scan# 1

Delta R.T. 0.099 min

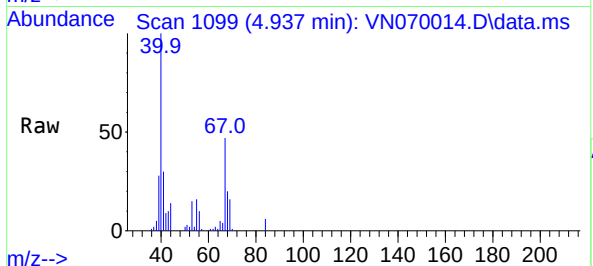
Lab File: VN070014.D

Acq: 11 Dec 2021 17:44

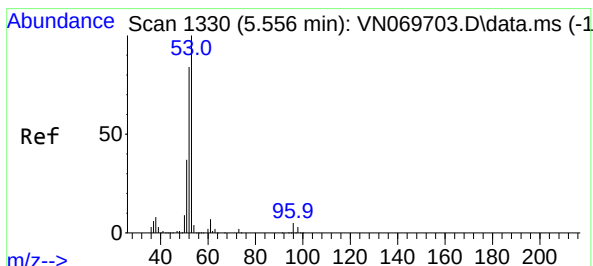
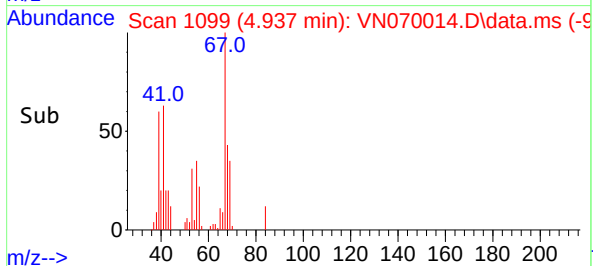
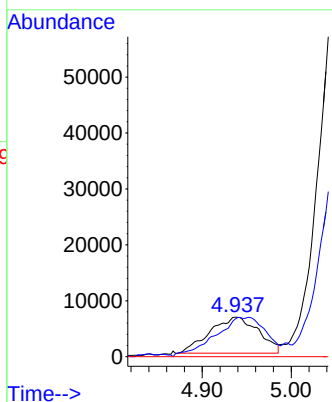
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion: 41	Resp: 24571
Ion Ratio	Lower Upper
41	100
39	67.2 61.2 91.8
76	0.0 26.0 39.0#



#15

Acrylonitrile

Concen: 3.392 ug/l

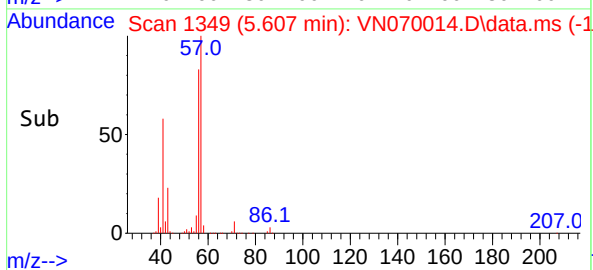
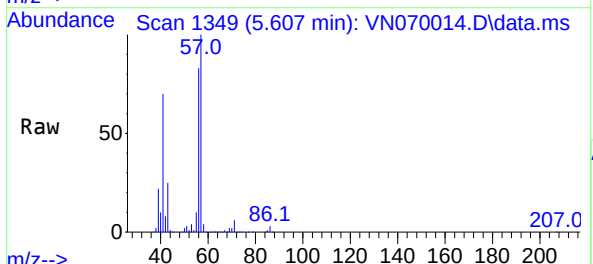
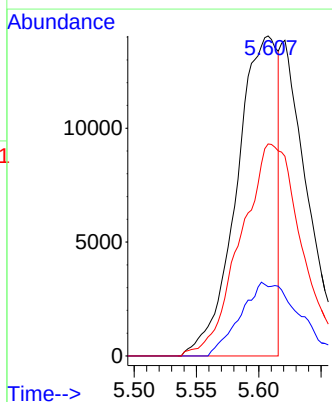
RT: 5.607 min Scan# 1349

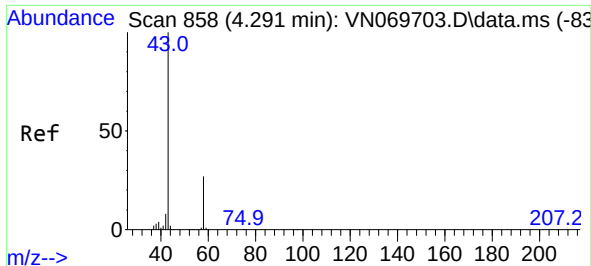
Delta R.T. 0.051 min

Lab File: VN070014.D

Acq: 11 Dec 2021 17:44

Tgt Ion: 53	Resp: 31805
Ion Ratio	Lower Upper
53	100
52	33.7 66.2 99.2#
51	100.3 29.6 44.4#

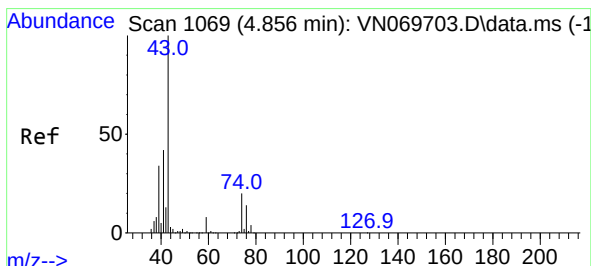
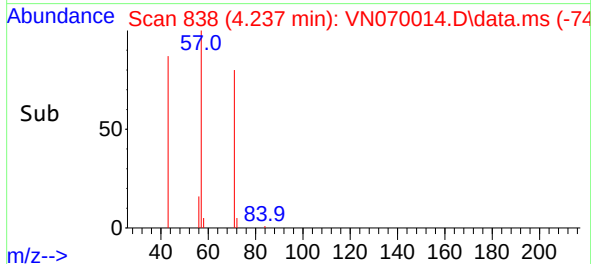
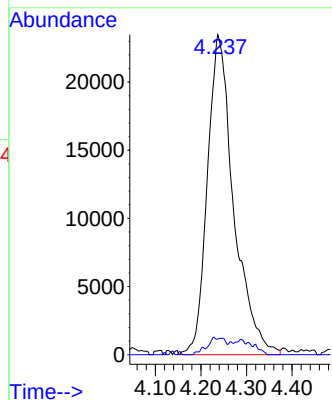
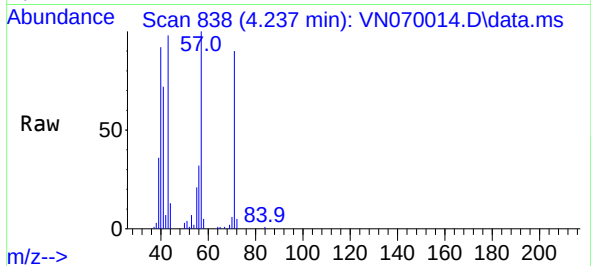




#16
Acetone
Concen: 8.509 ug/l
RT: 4.237 min Scan# 81
Delta R.T. -0.054 min
Lab File: VN070014.D
Acq: 11 Dec 2021 17:44

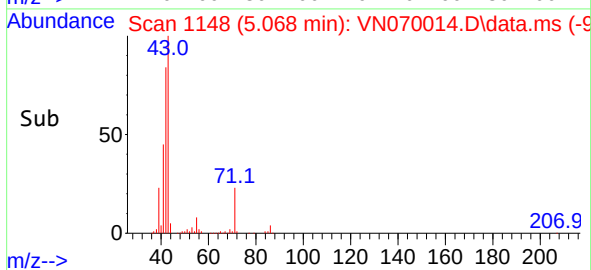
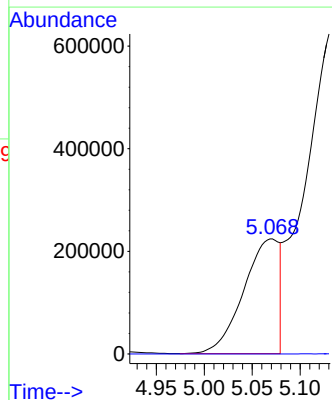
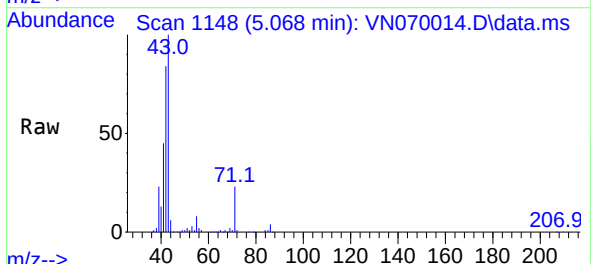
Instrument :
MSVOA_N
ClientSampleId :

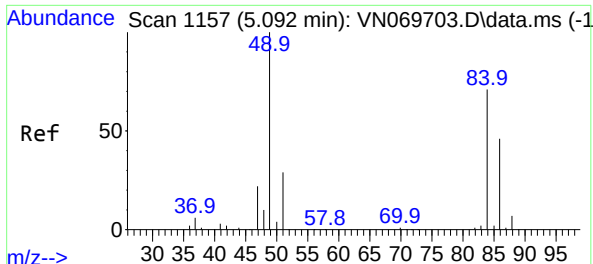
Tgt Ion: 43 Resp: 94231
Ion Ratio Lower Upper
43 100
58 4.9 23.1 34.7#



#18
Methyl Acetate
Concen: 17.365 ug/l
RT: 5.068 min Scan# 1148
Delta R.T. 0.212 min
Lab File: VN070014.D
Acq: 11 Dec 2021 17:44

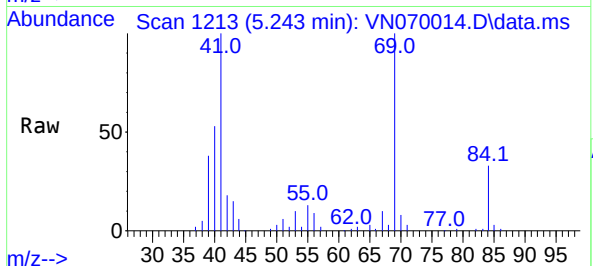
Tgt Ion: 43 Resp: 580436
Ion Ratio Lower Upper
43 100
74 0.0 19.4 29.2#





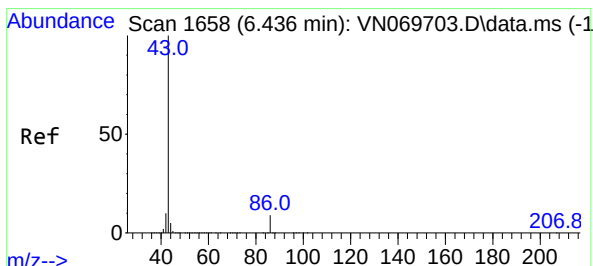
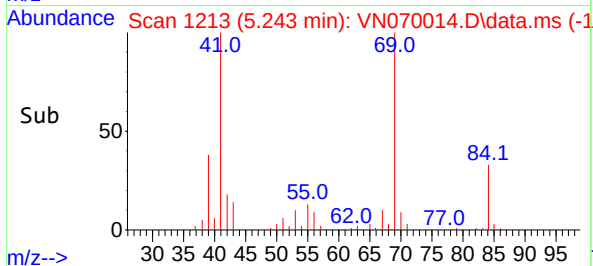
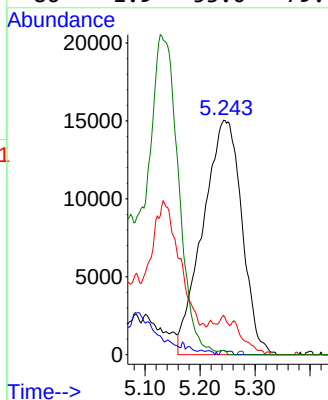
#20
Methylene Chloride
Concen: 5.028 ug/l
RT: 5.243 min Scan# 1157
Delta R.T. 0.150 min
Lab File: VN070014.D
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Tgt Ion: 84 Resp: 74023

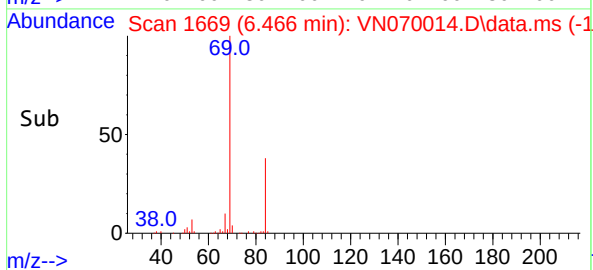
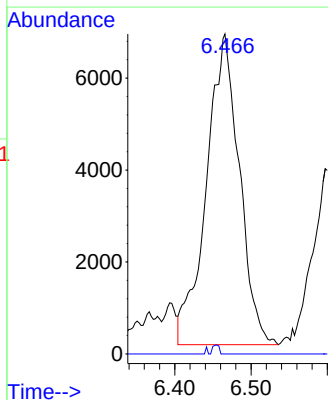
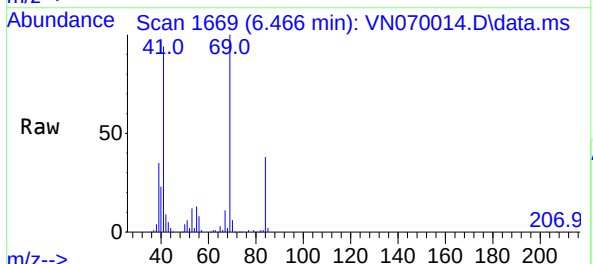
Ion	Ratio	Lower	Upper
84	100		
49	1.8	93.5	140.3#
51	16.7	29.4	44.2#
86	1.9	53.0	79.4#

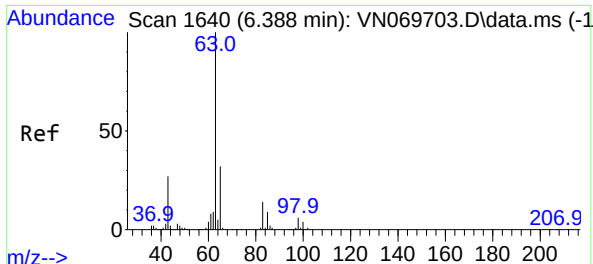


#23
Vinyl Acetate
Concen: 0.498 ug/l
RT: 6.466 min Scan# 1669
Delta R.T. 0.030 min
Lab File: VN070014.D
Acq: 11 Dec 2021 17:44

Tgt Ion: 43 Resp: 20261

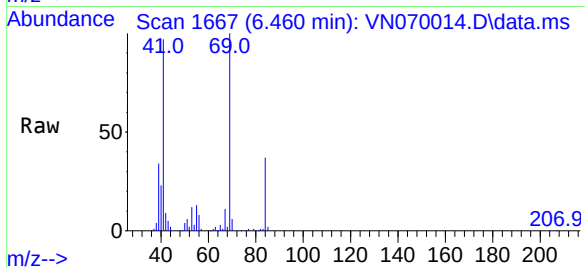
Ion	Ratio	Lower	Upper
43	100		
86	0.0	8.5	12.7#



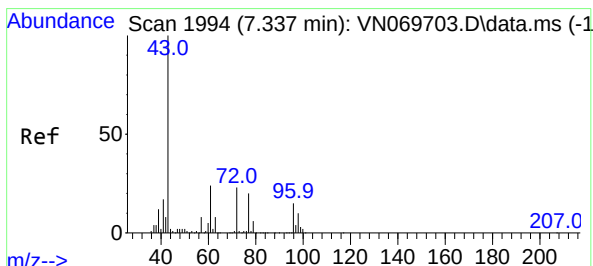
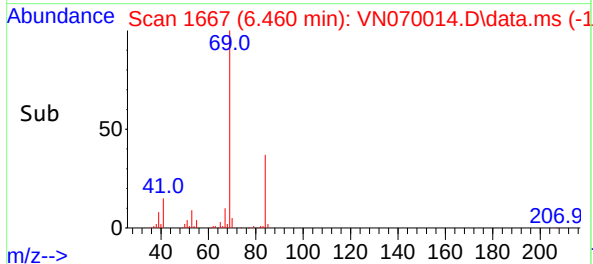
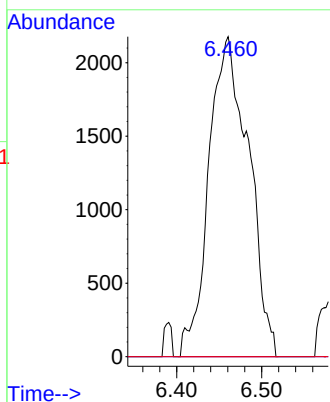


#24
1,1-Dichloroethane
Concen: 0.273 ug/l
RT: 6.460 min Scan# 1
Delta R.T. 0.073 min
Lab File: VN070014.D
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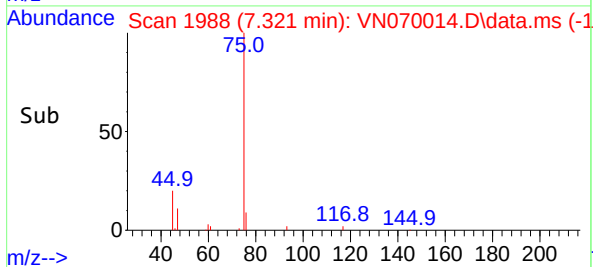
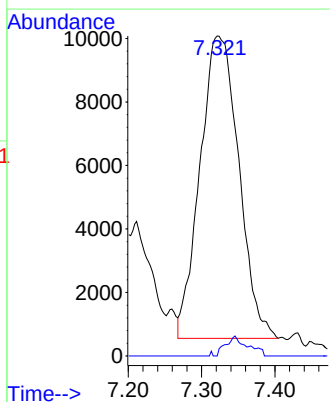
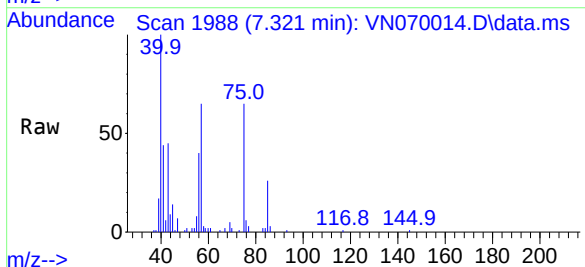


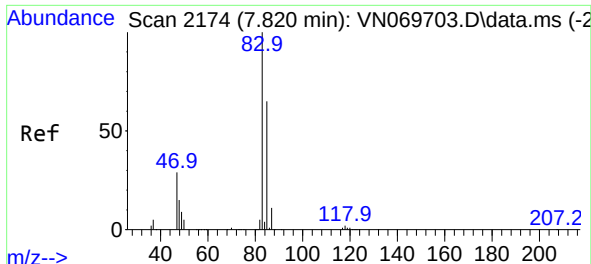
Tgt Ion: 63 Resp: 7085
Ion Ratio Lower Upper
63 100
98 0.0 3.3 9.9#
100 0.0 2.1 6.5#



#25
2-Butanone
Concen: 2.328 ug/l
RT: 7.321 min Scan# 1988
Delta R.T. -0.016 min
Lab File: VN070014.D
Acq: 11 Dec 2021 17:44

Tgt Ion: 43 Resp: 35027
Ion Ratio Lower Upper
43 100
72 0.0 21.7 32.5#





#30

Chloroform

Concen: 0.301 ug/l

RT: 7.844 min Scan# 21

Delta R.T. 0.024 min

Lab File: VN070014.D

Acq: 11 Dec 2021 17:44

Instrument :

MSVOA_N

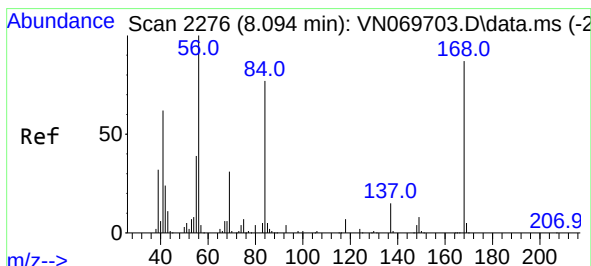
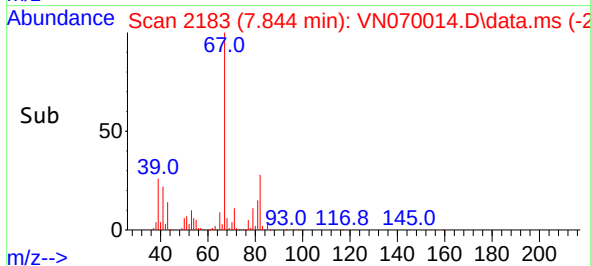
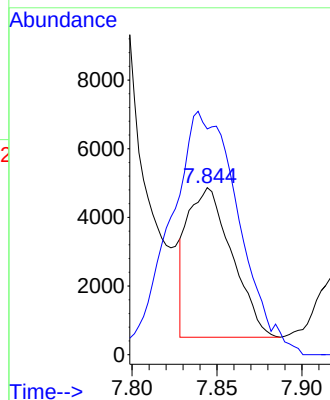
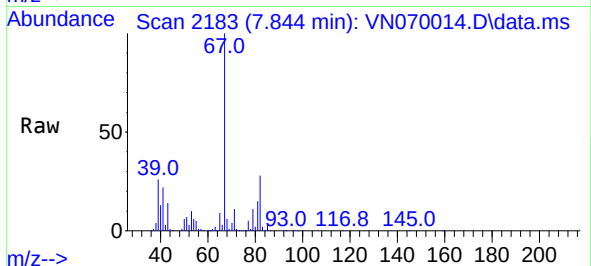
ClientSampleId :

Tgt Ion: 83 Resp: 7864

Ion Ratio Lower Upper

83 100

85 136.0 51.9 77.9#



#31

Cyclohexane

Concen: 28.595 ug/l

RT: 8.078 min Scan# 2270

Delta R.T. -0.016 min

Lab File: VN070014.D

Acq: 11 Dec 2021 17:44

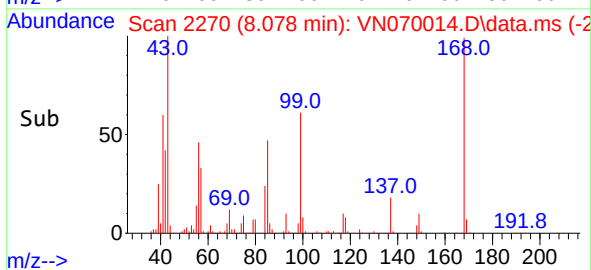
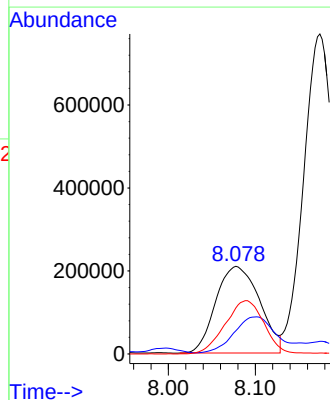
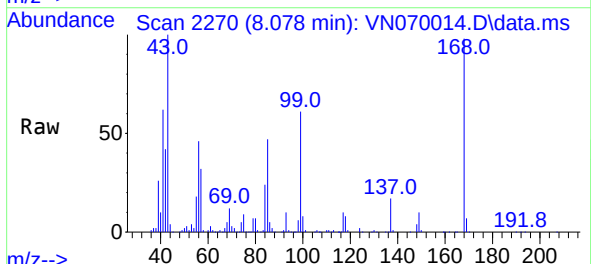
Tgt Ion: 56 Resp: 732582

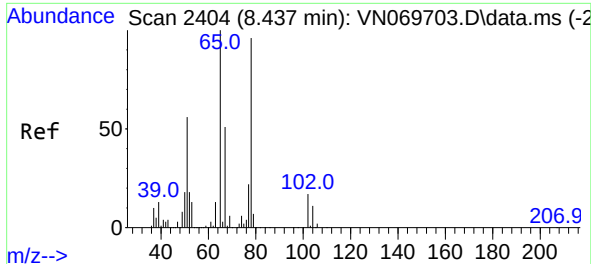
Ion Ratio Lower Upper

56 100

69 22.7 27.1 40.7#

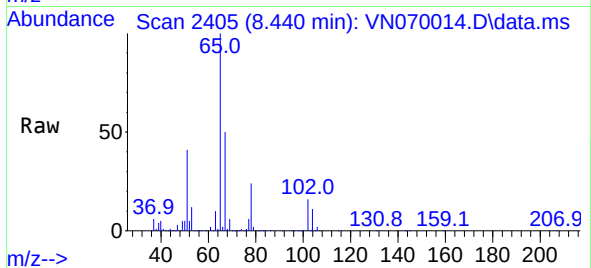
84 53.0 73.4 110.0#



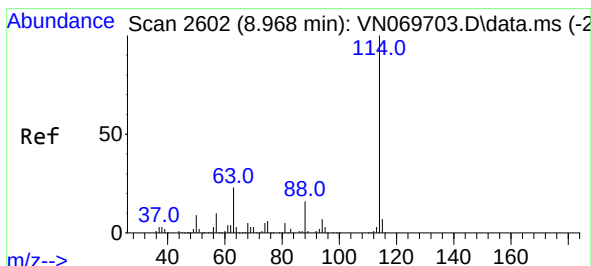
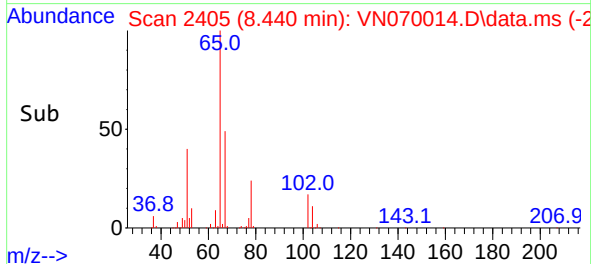
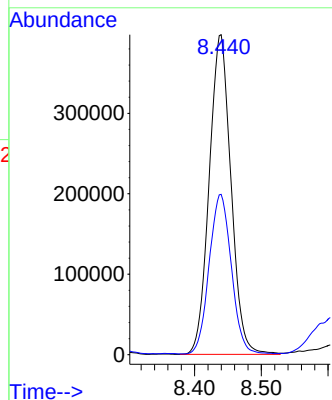


#33
1,2-Dichloroethane-d4
Concen: 48.951 ug/l
RT: 8.440 min Scan# 2404
Delta R.T. 0.003 min
Lab File: VN070014.D
Acq: 11 Dec 2021 17:44

Instrument :
MSVOA_N
ClientSampleId :

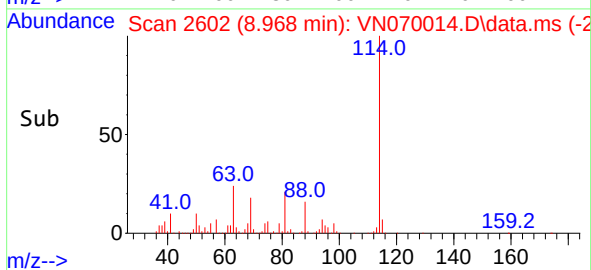
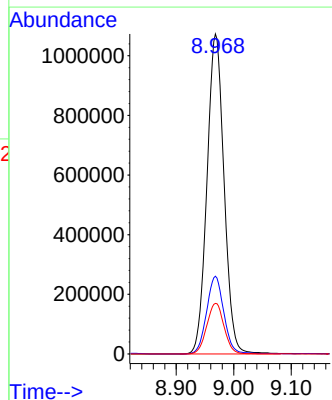
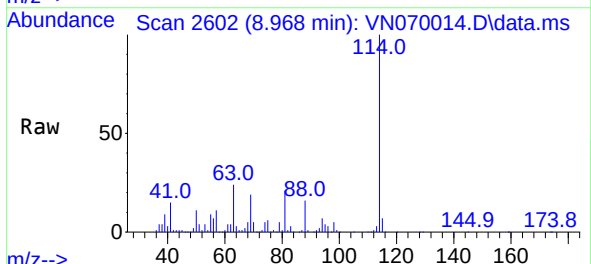


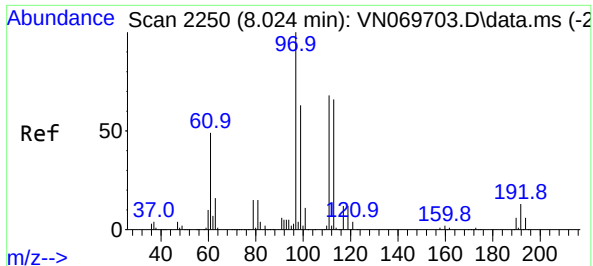
Tgt Ion: 65 Resp: 901135
Ion Ratio Lower Upper
65 100
67 50.7 0.0 103.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.968 min Scan# 2602
Delta R.T. 0.000 min
Lab File: VN070014.D
Acq: 11 Dec 2021 17:44

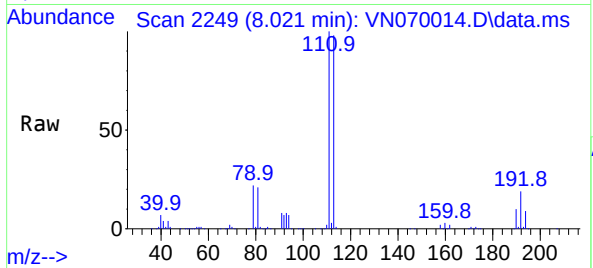
Tgt Ion: 114 Resp: 2212385
Ion Ratio Lower Upper
114 100
63 24.3 0.0 37.8
88 15.8 0.0 27.4



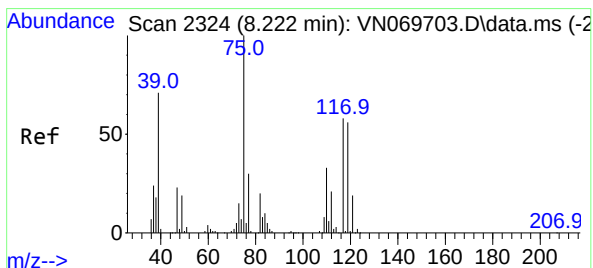
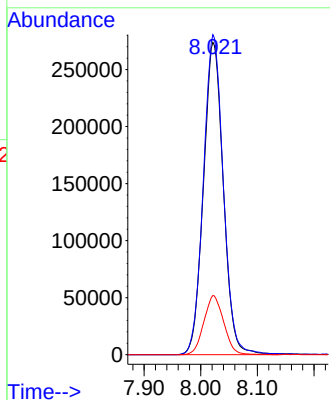
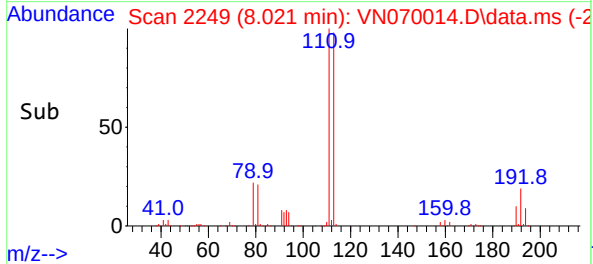


#35
 Dibromofluoromethane
 Concen: 48.128 ug/l
 RT: 8.021 min Scan# 2113
 Delta R.T. -0.003 min
 Lab File: VN070014.D
 Acq: 11 Dec 2021 17:44

Instrument :
 MSVOA_N
 ClientSampleId :

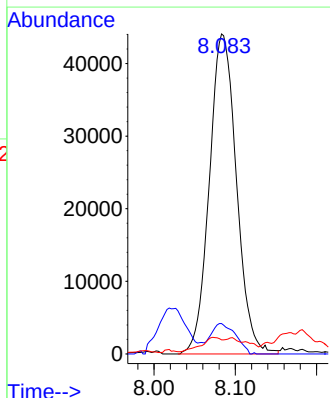
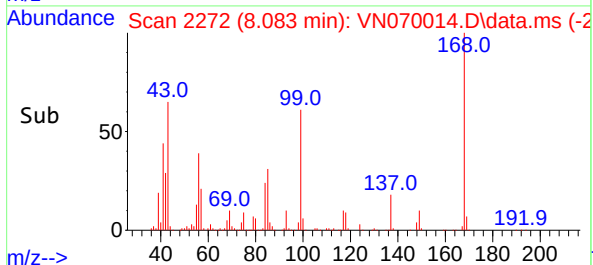
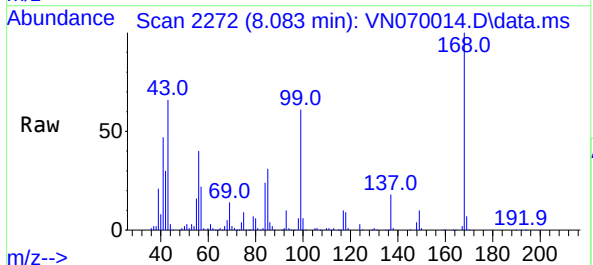


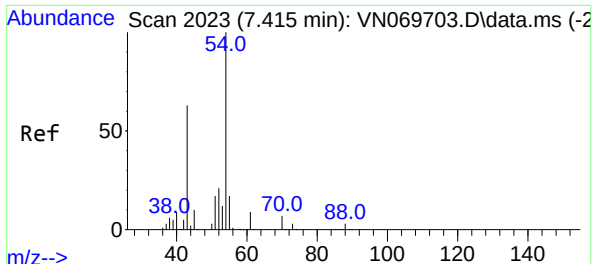
Tgt Ion:113 Resp: 666949
 Ion Ratio Lower Upper
 113 100
 111 102.7 82.2 123.2
 192 18.9 16.9 25.3



#36
 1,1-Dichloropropene
 Concen: 4.858 ug/l
 RT: 8.083 min Scan# 2272
 Delta R.T. -0.139 min
 Lab File: VN070014.D
 Acq: 11 Dec 2021 17:44

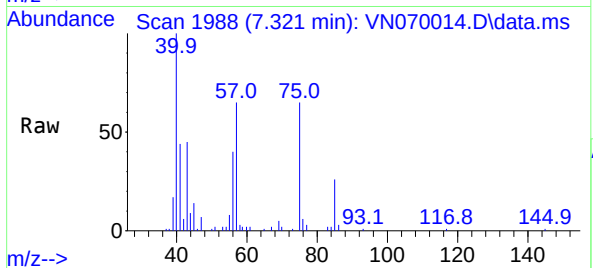
Tgt Ion: 75 Resp: 102309
 Ion Ratio Lower Upper
 75 100
 110 8.7 18.4 55.2#
 77 0.0 24.4 36.6#



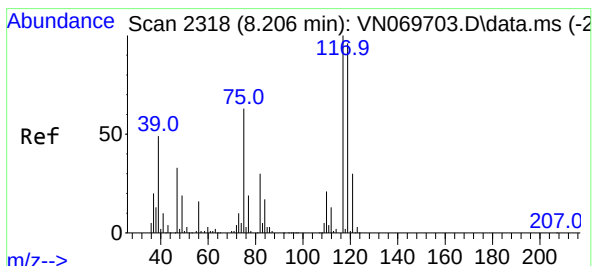
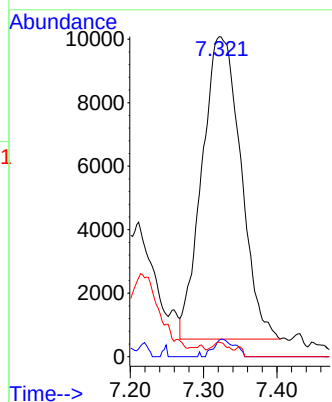
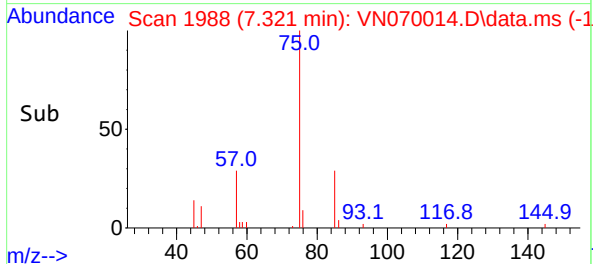


#37
Ethyl Acetate
Concen: 1.117 ug/l
RT: 7.321 min Scan# 1988
Delta R.T. -0.094 min
Lab File: VN070014.D
Acq: 11 Dec 2021 17:44

Instrument :
MSVOA_N
ClientSampleId :

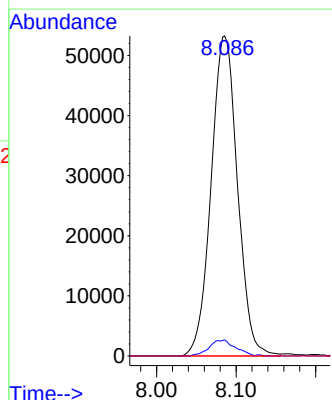
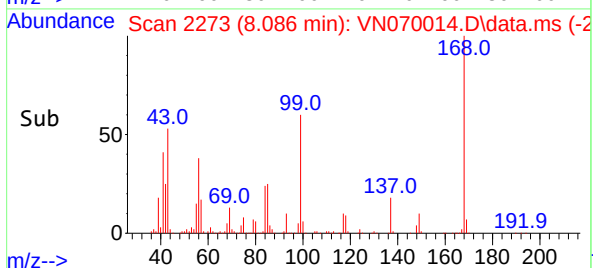
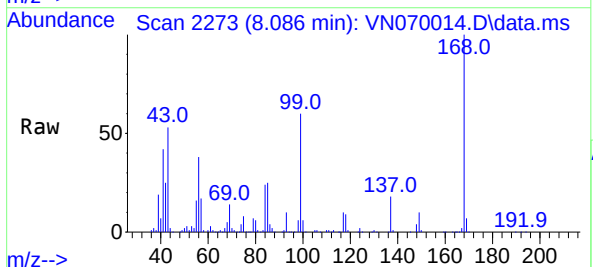


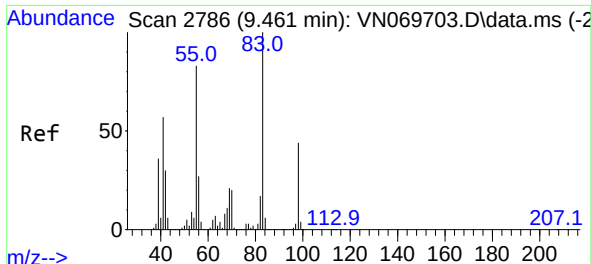
Tgt Ion: 43 Resp: 35027
Ion Ratio Lower Upper
43 100
61 3.1 11.5 17.3#
70 0.0 7.9 11.9#



#38
Carbon Tetrachloride
Concen: 5.948 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.121 min
Lab File: VN070014.D
Acq: 11 Dec 2021 17:44

Tgt Ion: 117 Resp: 122855
Ion Ratio Lower Upper
117 100
119 5.0 76.1 114.1#
121 0.0 24.2 36.2#





#39

Methylcyclohexane

Concen: 35.372 ug/l

RT: 9.459 min Scan# 21

Delta R.T. -0.003 min

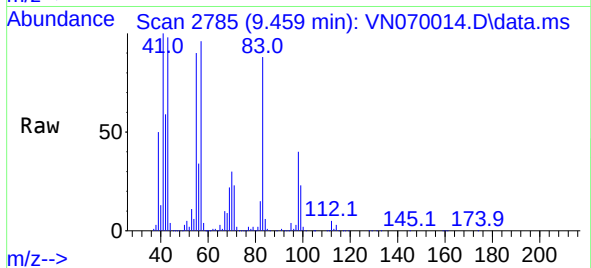
Lab File: VN070014.D

Acq: 11 Dec 2021 17:44

Instrument :

MSVOA_N

ClientSampleId :



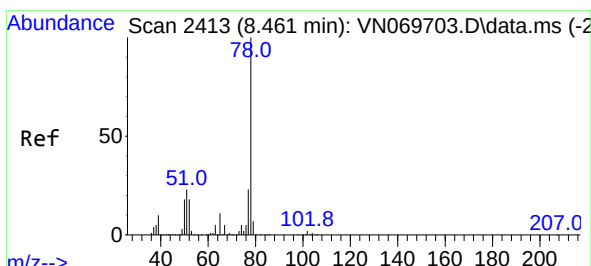
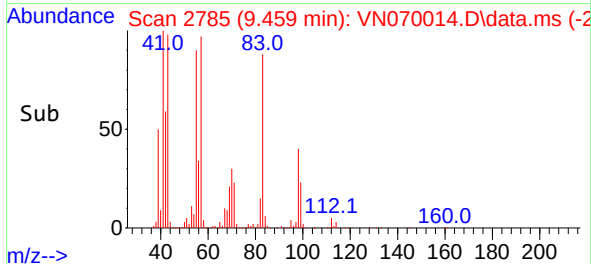
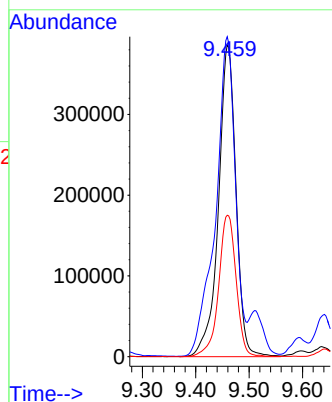
Tgt Ion: 83 Resp: 886133

Ion Ratio Lower Upper

83 100

55 102.5 58.1 87.1#

98 45.4 38.4 57.6



#40

Benzene

Concen: 8.465 ug/l

RT: 8.461 min Scan# 2413

Delta R.T. 0.000 min

Lab File: VN070014.D

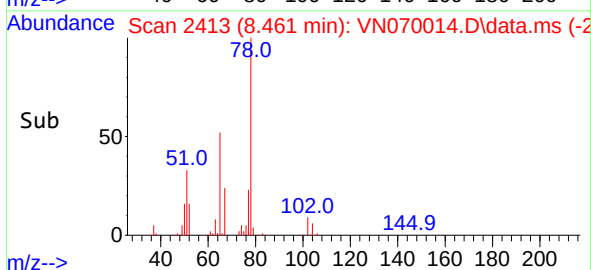
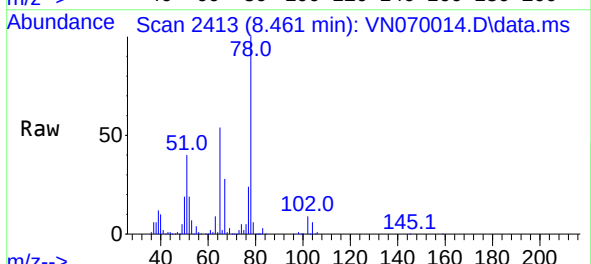
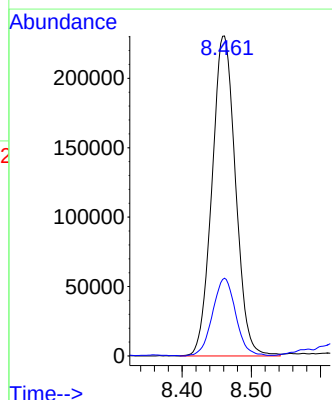
Acq: 11 Dec 2021 17:44

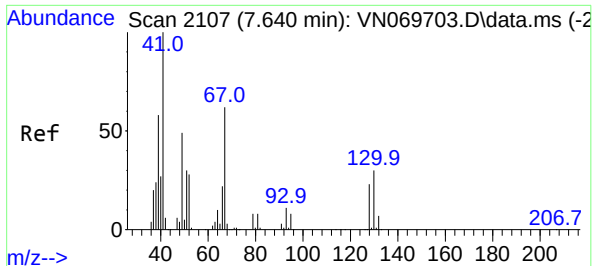
Tgt Ion: 78 Resp: 544921

Ion Ratio Lower Upper

78 100

77 24.2 18.6 27.8

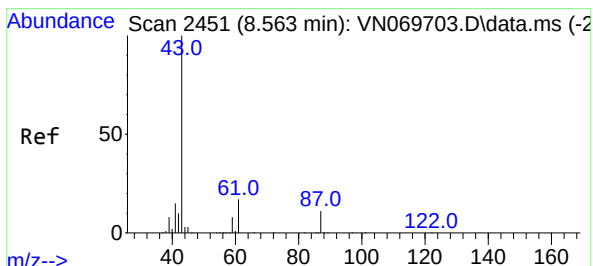
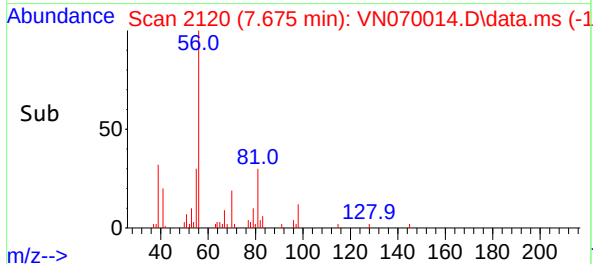
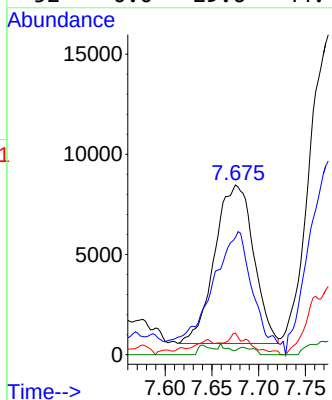
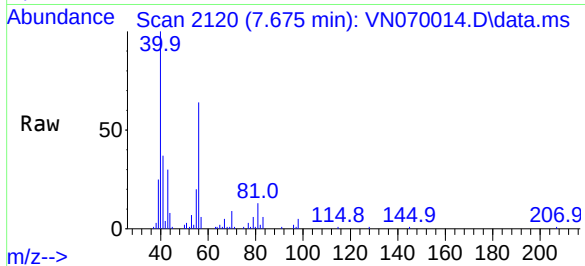




#41
Methacrylonitrile
Concen: 1.560 ug/l
RT: 7.675 min Scan# 2107
Delta R.T. 0.035 min
Lab File: VN070014.D
Acq: 11 Dec 2021 17:44

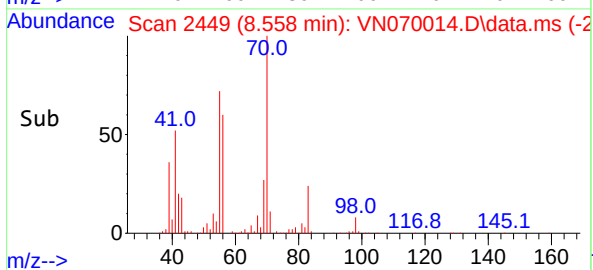
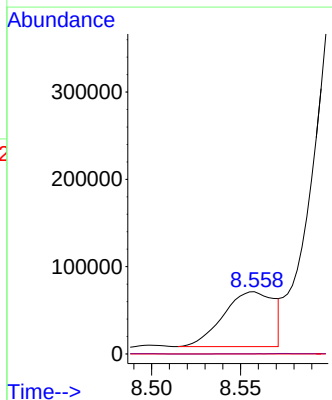
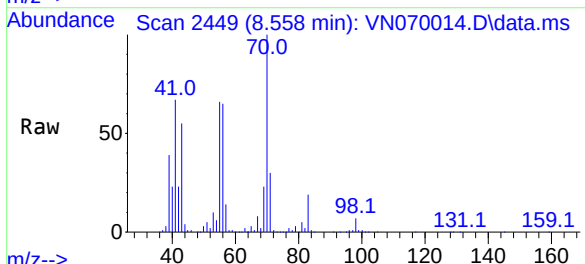
Instrument :
MSVOA_N
ClientSampleId :

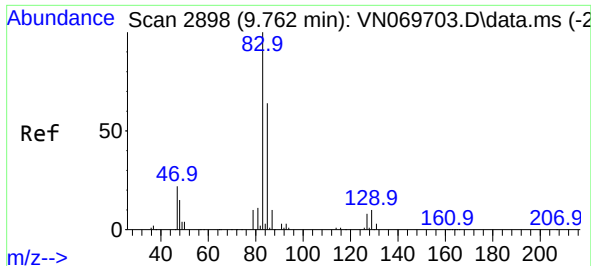
Tgt Ion: 41 Resp: 22956
Ion Ratio Lower Upper
41 100
39 82.7 48.1 72.1#
67 0.0 68.3 102.5#
52 0.0 29.6 44.4#



#43
Isopropyl Acetate
Concen: 2.714 ug/l
RT: 8.558 min Scan# 2449
Delta R.T. -0.005 min
Lab File: VN070014.D
Acq: 11 Dec 2021 17:44

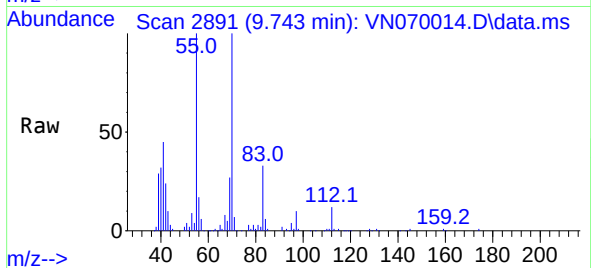
Tgt Ion: 43 Resp: 125916
Ion Ratio Lower Upper
43 100
61 0.0 20.4 30.6#
87 0.0 11.2 16.8#



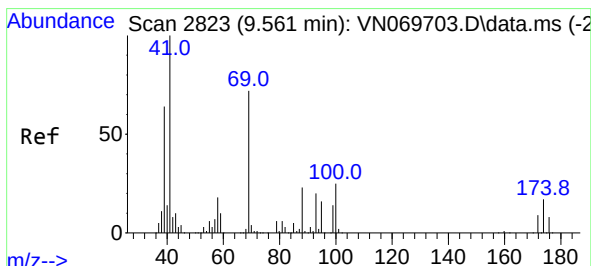
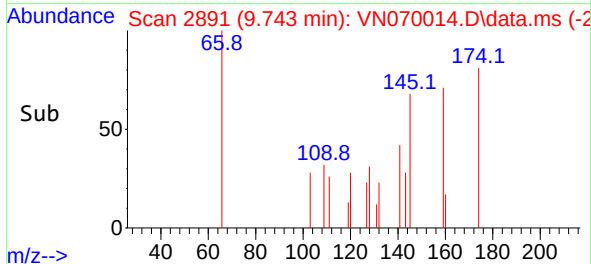
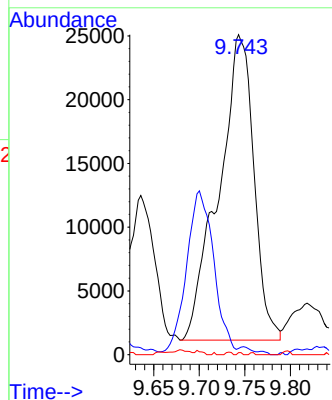


#47
Bromodichloromethane
Concen: 2.990 ug/l
RT: 9.743 min Scan# 2898
Delta R.T. -0.019 min
Lab File: VN070014.D
Acq: 11 Dec 2021 17:44

Instrument :
MSVOA_N
ClientSampleId :

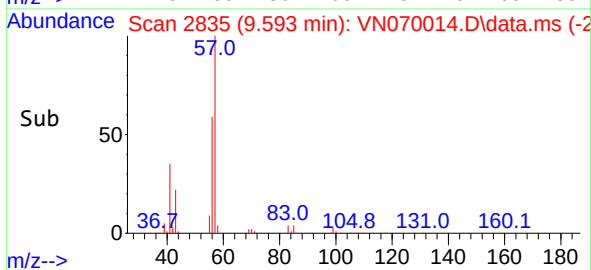
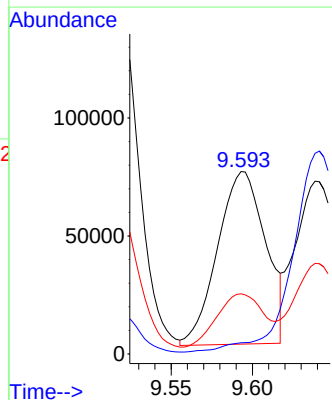
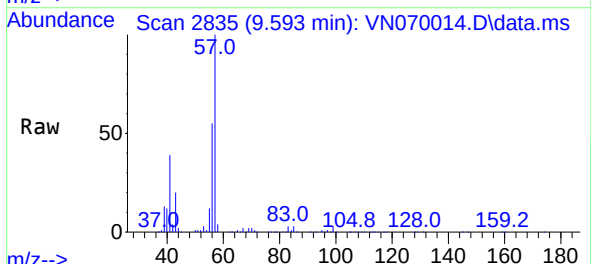


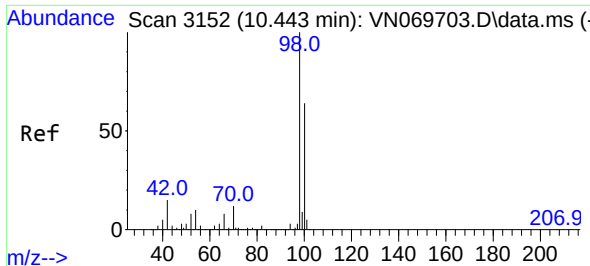
Tgt Ion: 83 Resp: 64180
Ion Ratio Lower Upper
83 100
85 1.4 50.9 76.3#
127 0.7 7.1 10.7#



#48
Methyl methacrylate
Concen: 6.946 ug/l
RT: 9.593 min Scan# 2835
Delta R.T. 0.032 min
Lab File: VN070014.D
Acq: 11 Dec 2021 17:44

Tgt Ion: 41 Resp: 150361
Ion Ratio Lower Upper
41 100
69 0.0 72.4 108.6#
39 30.3 58.4 87.6#

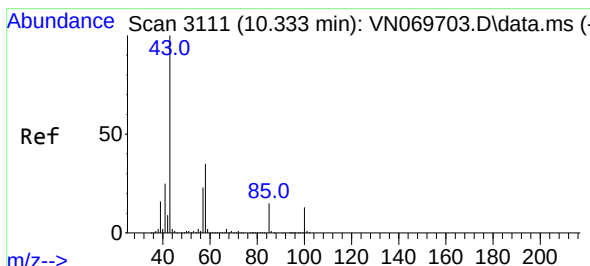
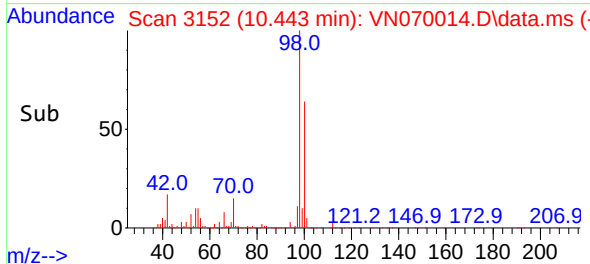
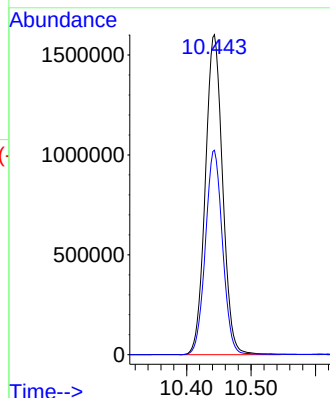
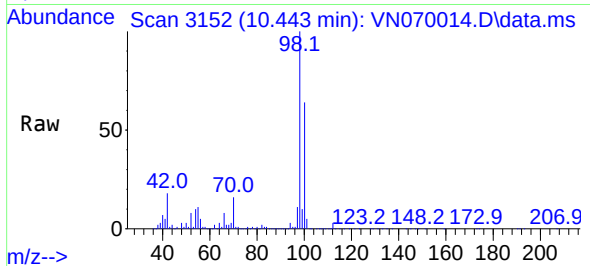




#50
Toluene-d8
Concen: 53.718 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN070014.D
Acq: 11 Dec 2021 17:44

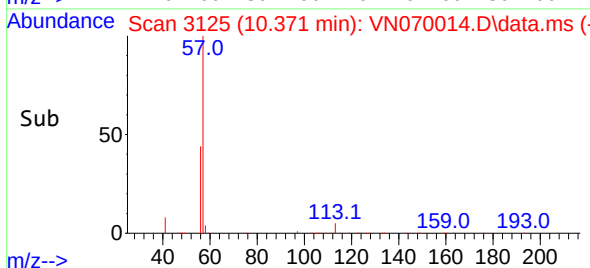
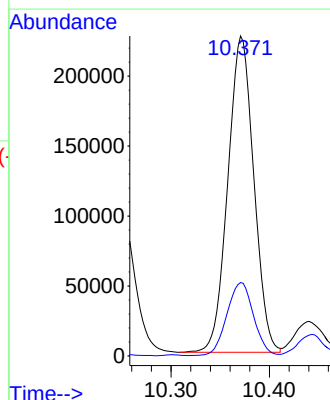
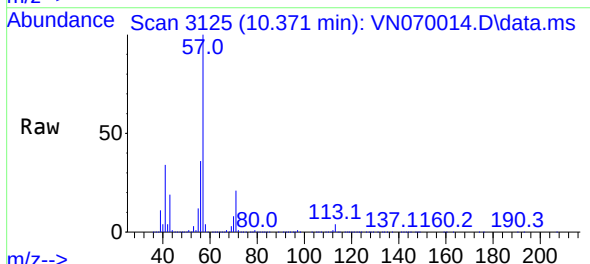
Instrument :
MSVOA_N
ClientSampleId :

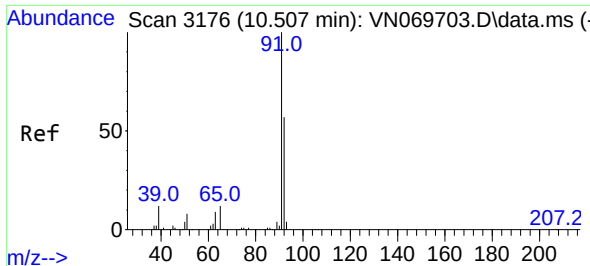
Tgt Ion: 98 Resp: 2989072
Ion Ratio Lower Upper
98 100
100 63.4 50.4 75.6



#51
4-Methyl-2-Pentanone
Concen: 13.774 ug/l
RT: 10.371 min Scan# 3125
Delta R.T. 0.038 min
Lab File: VN070014.D
Acq: 11 Dec 2021 17:44

Tgt Ion: 43 Resp: 414521
Ion Ratio Lower Upper
43 100
58 23.7 30.4 45.6#

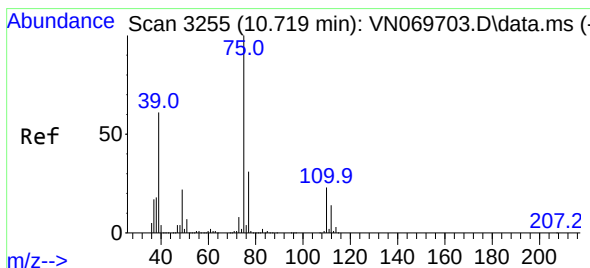
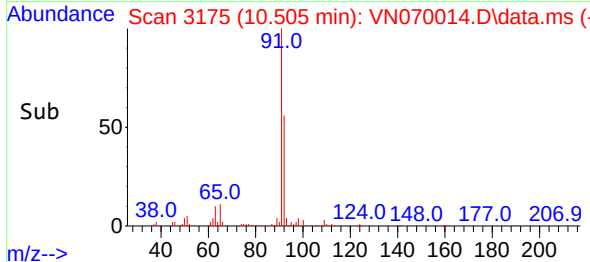
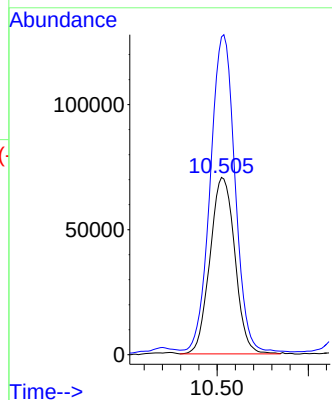
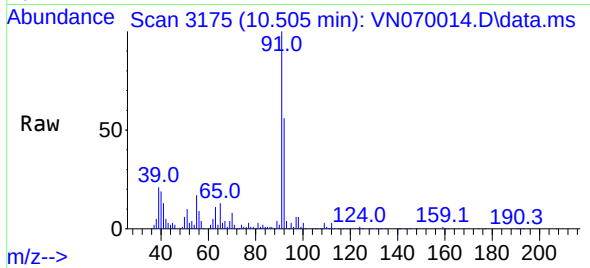




#52
Toluene
Concen: 3.398 ug/l
RT: 10.505 min Scan# 3176
Delta R.T. -0.003 min
Lab File: VN070014.D
Acq: 11 Dec 2021 17:44

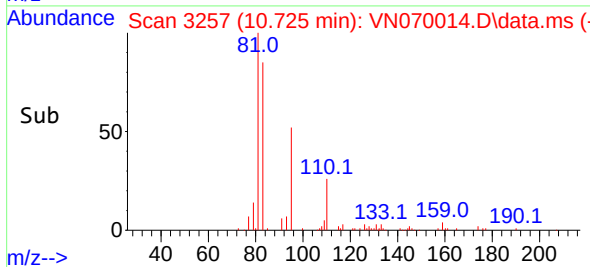
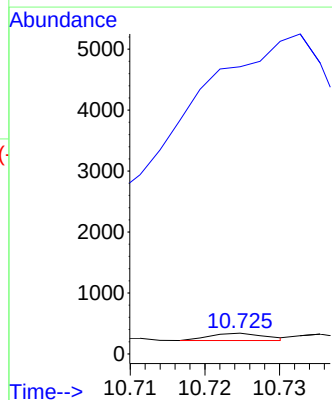
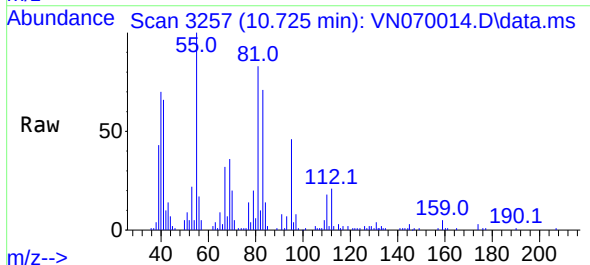
Instrument :
MSVOA_N
ClientSampleId :

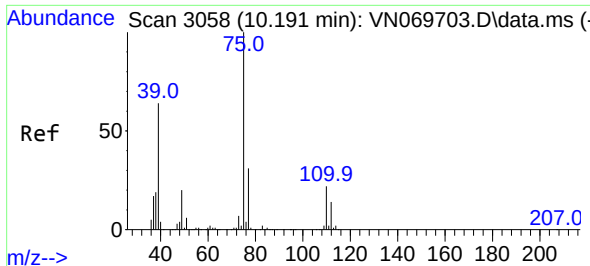
Tgt Ion: 92 Resp: 133555
Ion Ratio Lower Upper
92 100
91 178.4 142.0 213.0



#53
t-1,3-Dichloropropene
Concen: 2.796 ug/l
RT: 10.725 min Scan# 3257
Delta R.T. 0.006 min
Lab File: VN070014.D
Acq: 11 Dec 2021 17:44

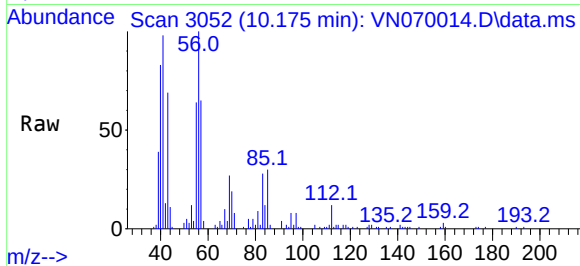
Tgt Ion: 75 Resp: 62
Ion Ratio Lower Upper
75 100
77 722.1 25.6 38.4#



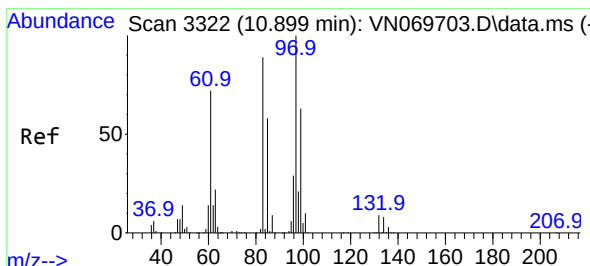
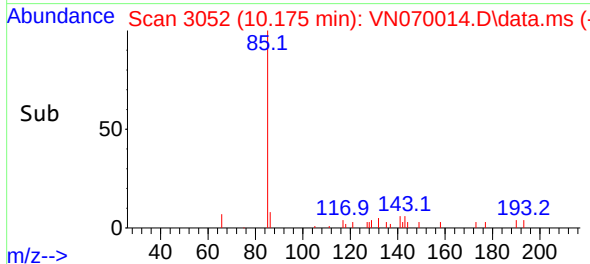
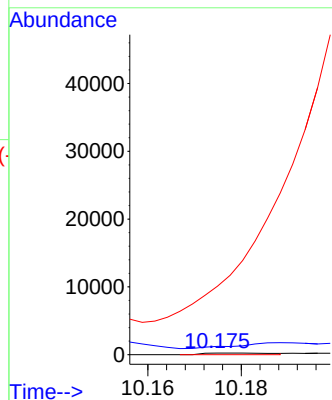


#54
 cis-1,3-Dichloropropene
 Concen: 2.007 ug/l
 RT: 10.175 min Scan# 3052
 Delta R.T. -0.016 min
 Lab File: VN070014.D
 Acq: 11 Dec 2021 17:44

Instrument :
 MSVOA_N
 ClientSampleId :

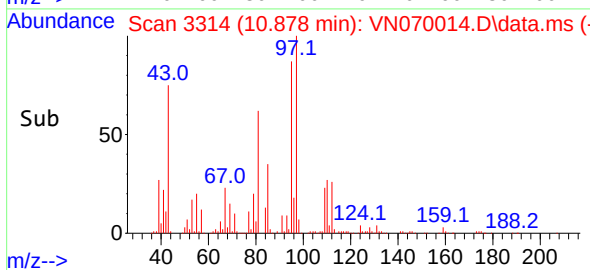
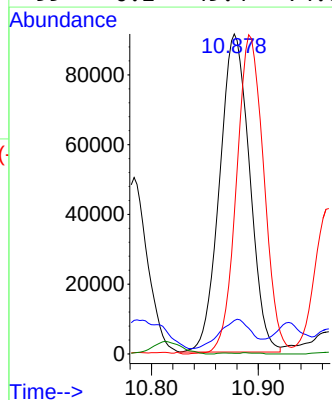
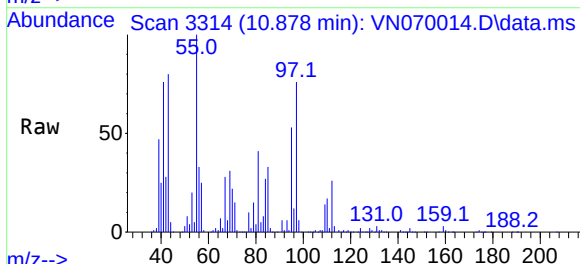


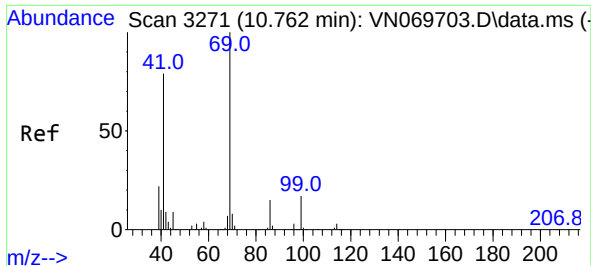
Tgt Ion: 75 Resp: 246
 Ion Ratio Lower Upper
 75 100
 77 126.1 26.4 39.6#
 39 1494.0 42.5 63.7#



#55
 1,1,2-Trichloroethane
 Concen: 11.196 ug/l
 RT: 10.878 min Scan# 3314
 Delta R.T. -0.021 min
 Lab File: VN070014.D
 Acq: 11 Dec 2021 17:44

Tgt Ion: 97 Resp: 177542
 Ion Ratio Lower Upper
 97 100
 83 7.2 67.8 101.6#
 85 43.5 45.4 68.2#
 99 0.2 49.4 74.0#

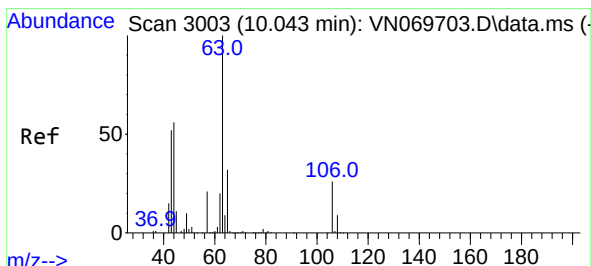
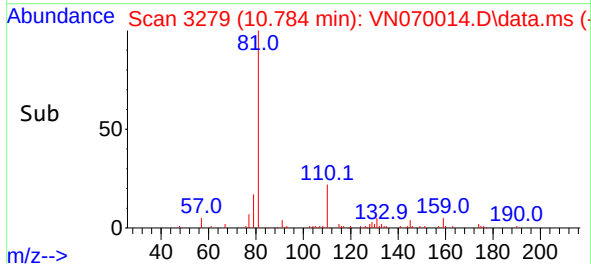
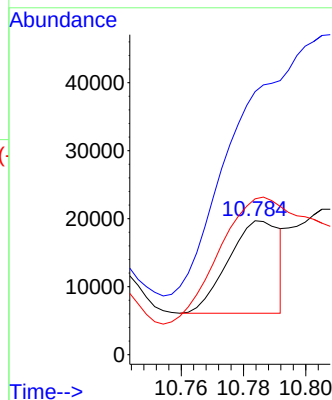
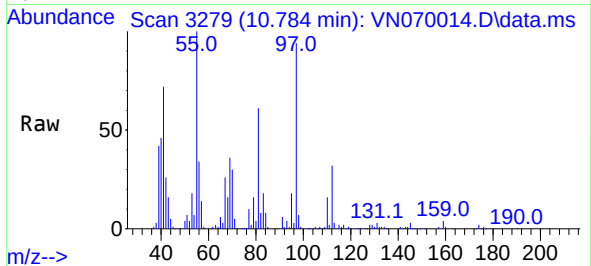




#56
Ethyl methacrylate
Concen: 2.776 ug/l
RT: 10.784 min Scan# 31
Delta R.T. 0.022 min
Lab File: VN070014.D
Acq: 11 Dec 2021 17:44

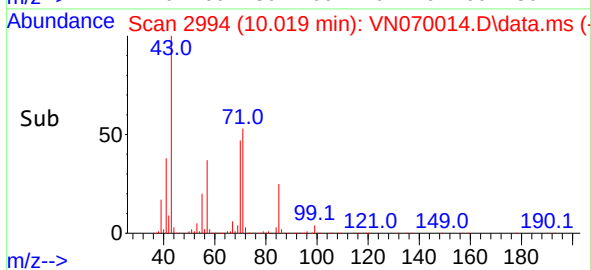
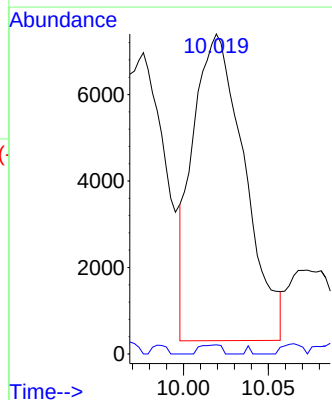
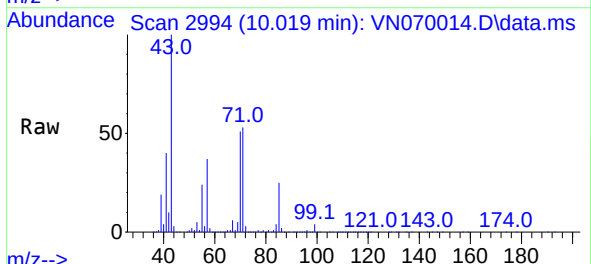
Instrument :
MSVOA_N
ClientSampleId :

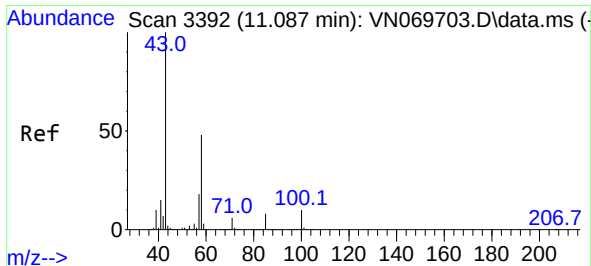
Tgt Ion: 69 Resp: 15582
Ion Ratio Lower Upper
69 100
41 0.0 51.4 77.0#
39 343.0 34.6 52.0#



#58
2-Chloroethyl Vinyl ether
Concen: 20.097 ug/l
RT: 10.019 min Scan# 2994
Delta R.T. -0.024 min
Lab File: VN070014.D
Acq: 11 Dec 2021 17:44

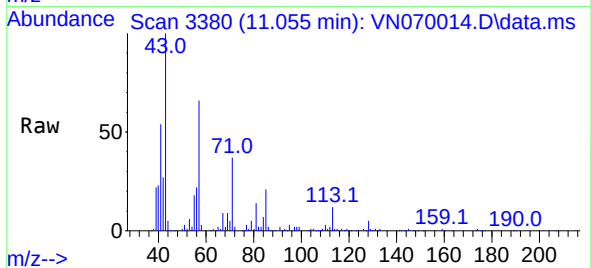
Tgt Ion: 63 Resp: 14901
Ion Ratio Lower Upper
63 100
106 1.3 23.9 35.9#



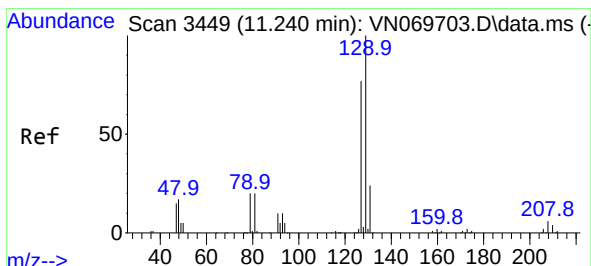
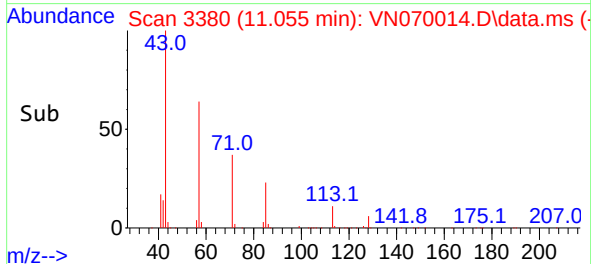
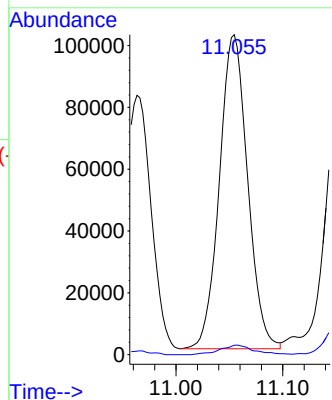


#59
2-Hexanone
Concen: 8.191 ug/l
RT: 11.055 min Scan# 31
Delta R.T. -0.032 min
Lab File: VN070014.D
Acq: 11 Dec 2021 17:44

Instrument :
MSVOA_N
ClientSampleId :

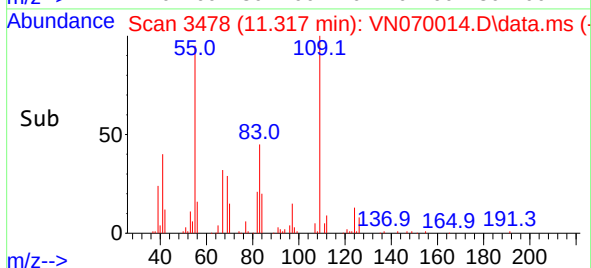
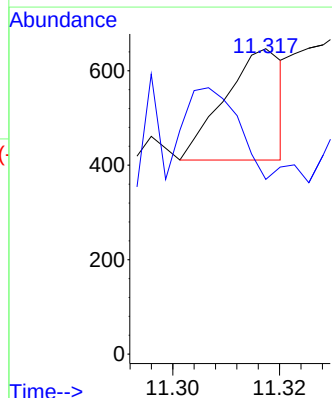
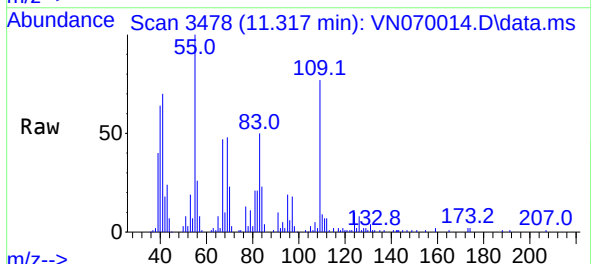


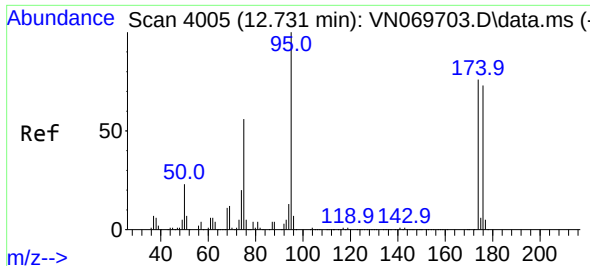
Tgt Ion: 43 Resp: 186461
Ion Ratio Lower Upper
43 100
58 3.7 26.9 80.7#



#60
Dibromochloromethane
Concen: 2.386 ug/l
RT: 11.317 min Scan# 3478
Delta R.T. 0.077 min
Lab File: VN070014.D
Acq: 11 Dec 2021 17:44

Tgt Ion:129 Resp: 176
Ion Ratio Lower Upper
129 100
127 69.9 38.6 116.0

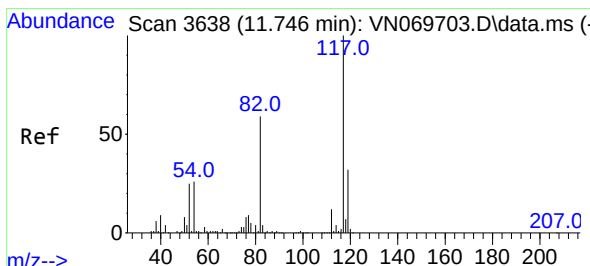
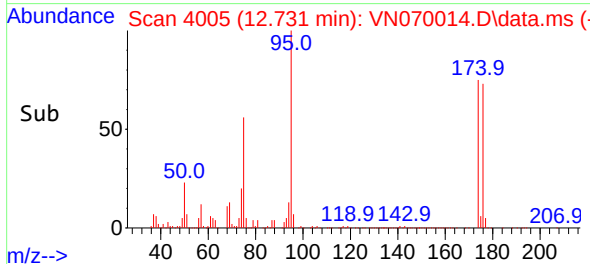
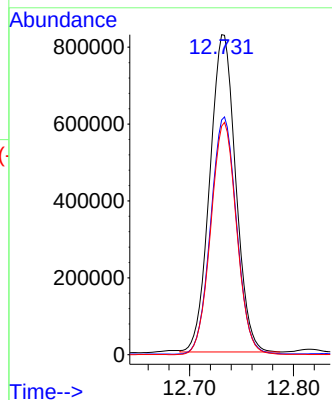
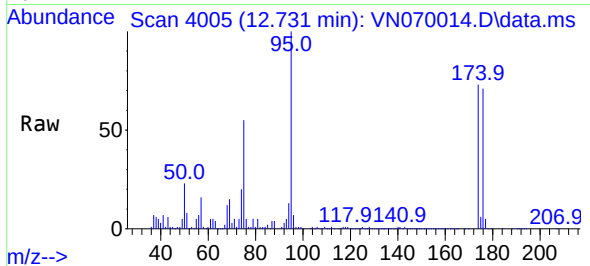




#62
4-Bromofluorobenzene
Concen: 71.057 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070014.D
Acq: 11 Dec 2021 17:44

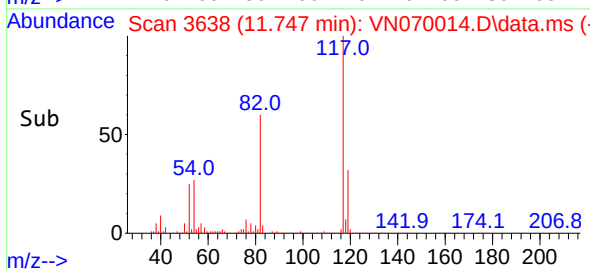
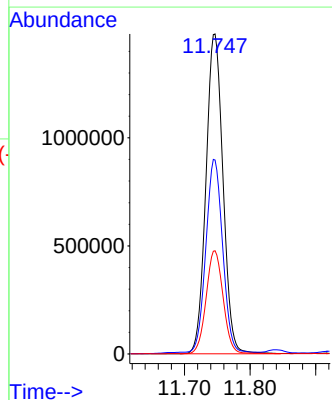
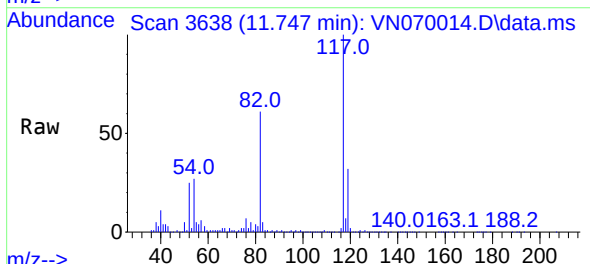
Instrument :
MSVOA_N
ClientSampleId :

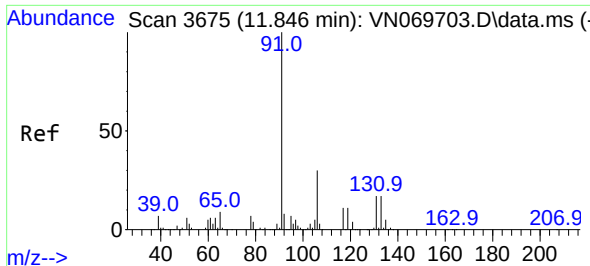
Tgt Ion: 95 Resp: 1432416
Ion Ratio Lower Upper
95 100
174 74.9 0.0 187.2
176 73.2 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. 0.001 min
Lab File: VN070014.D
Acq: 11 Dec 2021 17:44

Tgt Ion: 117 Resp: 2670911
Ion Ratio Lower Upper
117 100
82 60.1 42.4 63.6
119 32.2 25.4 38.2

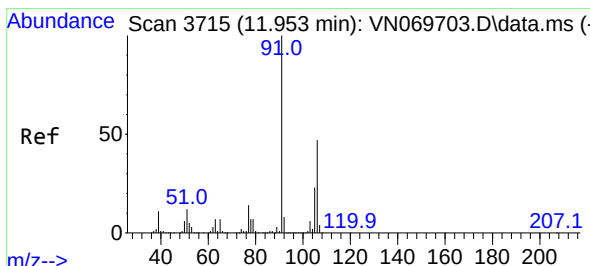
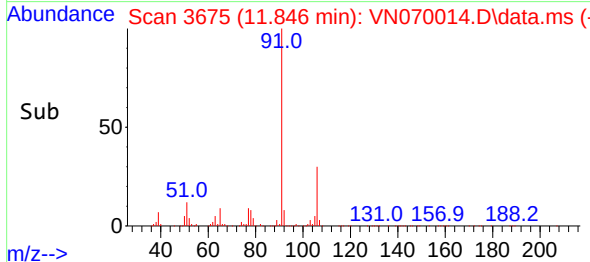
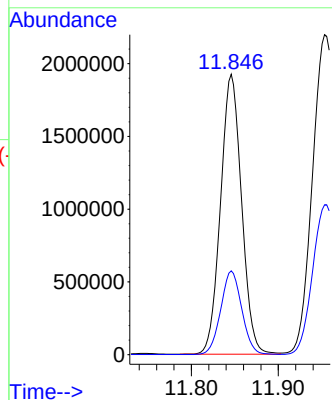
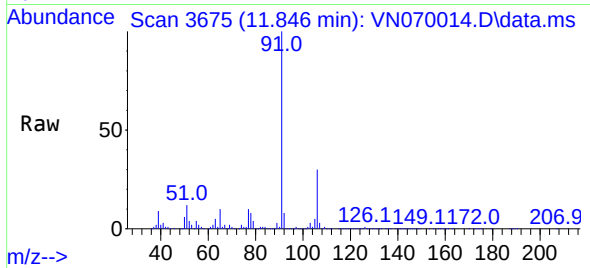




#67
Ethyl Benzene
Concen: 32.861 ug/l
RT: 11.846 min Scan# 3675
Delta R.T. 0.000 min
Lab File: VN070014.D
Acq: 11 Dec 2021 17:44

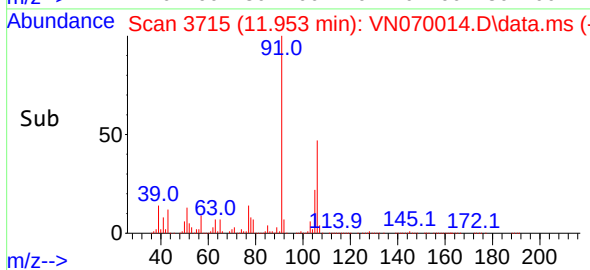
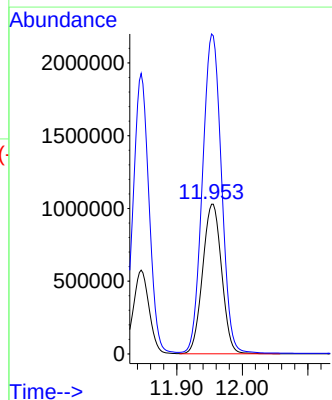
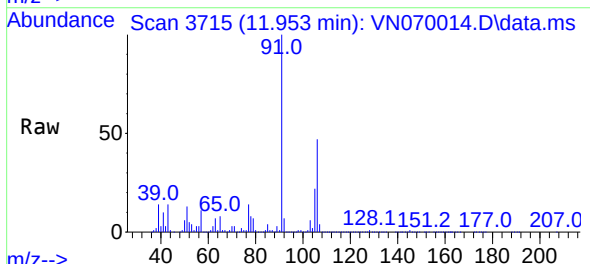
Instrument :
MSVOA_N
ClientSampleId :

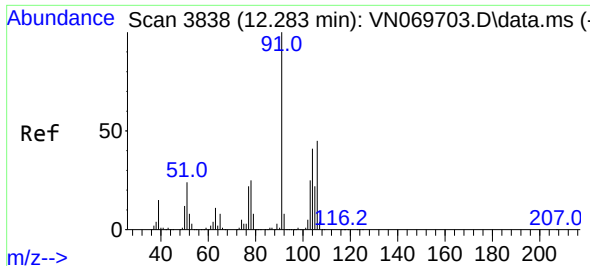
Tgt Ion: 91 Resp: 3234412
Ion Ratio Lower Upper
91 100
106 29.9 25.7 38.5



#68
m/p-Xylenes
Concen: 57.682 ug/l
RT: 11.953 min Scan# 3715
Delta R.T. 0.000 min
Lab File: VN070014.D
Acq: 11 Dec 2021 17:44

Tgt Ion: 106 Resp: 2067185
Ion Ratio Lower Upper
106 100
91 213.5 160.6 240.8

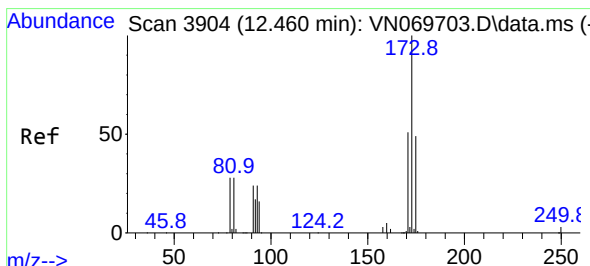
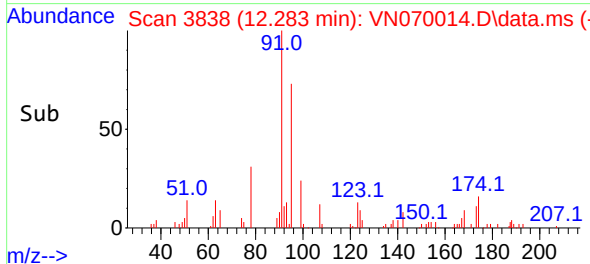
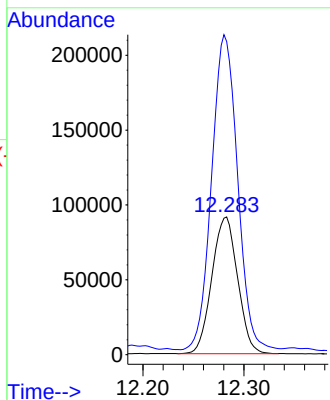
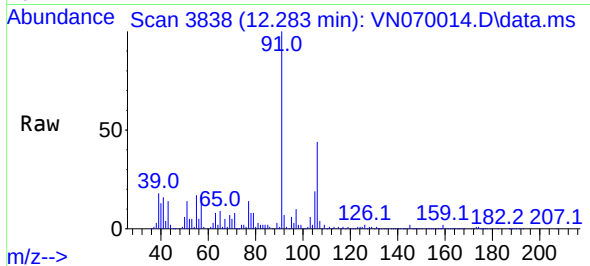




#69
o-Xylene
Concen: 4.468 ug/l
RT: 12.283 min Scan# 3838
Delta R.T. 0.000 min
Lab File: VN070014.D
Acq: 11 Dec 2021 17:44

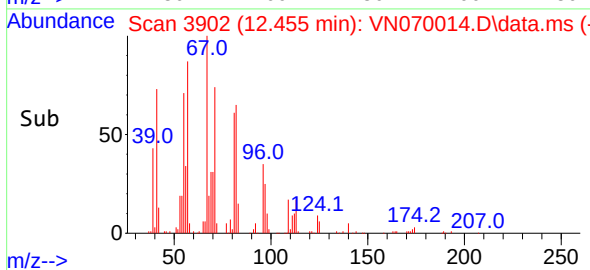
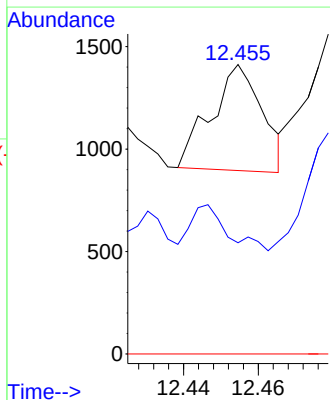
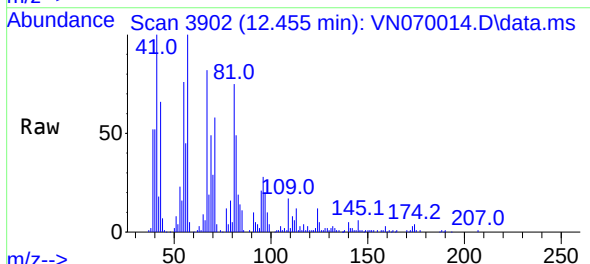
Instrument :
MSVOA_N
ClientSampleId :

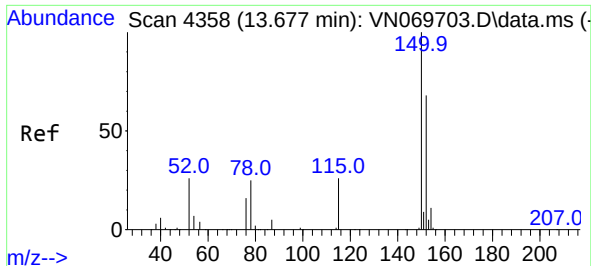
Tgt Ion:106 Resp: 161292
Ion Ratio Lower Upper
106 100
91 231.5 105.8 317.3



#71
Bromoform
Concen: 2.759 ug/l
RT: 12.455 min Scan# 3902
Delta R.T. -0.005 min
Lab File: VN070014.D
Acq: 11 Dec 2021 17:44

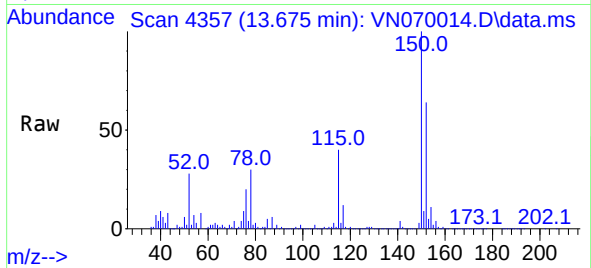
Tgt Ion:173 Resp: 488
Ion Ratio Lower Upper
173 100
175 0.0 24.2 72.6#
254 0.0 0.0 0.0



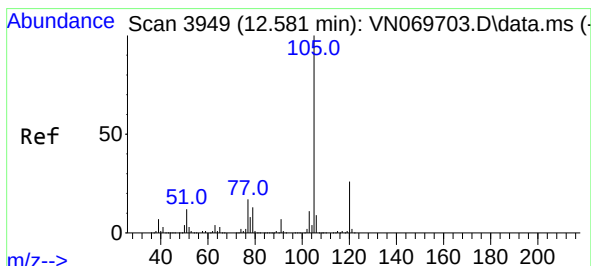
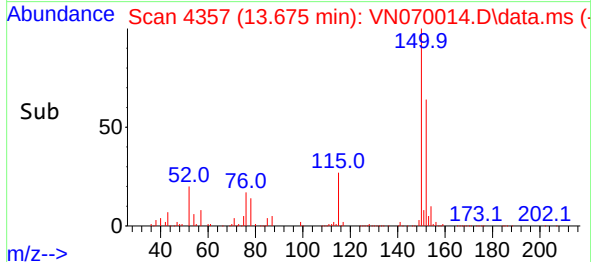
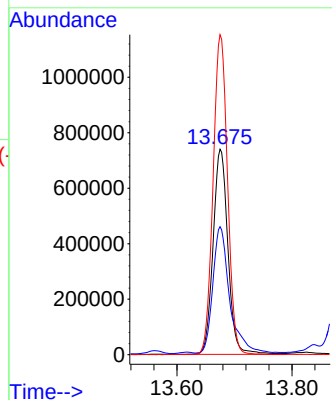


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 41
Delta R.T. -0.003 min
Lab File: VN070014.D
Acq: 11 Dec 2021 17:44

Instrument :
MSVOA_N
ClientSampleId :

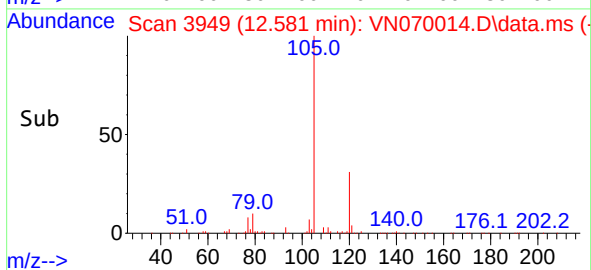
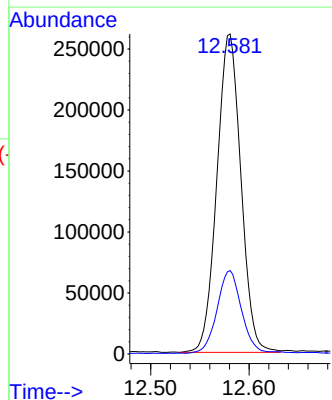
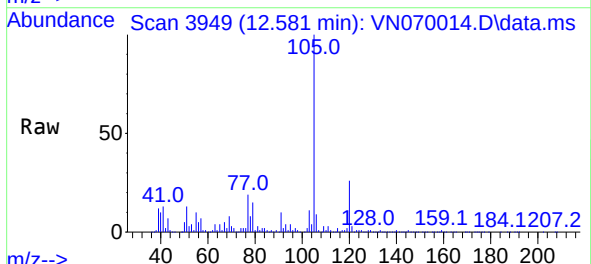


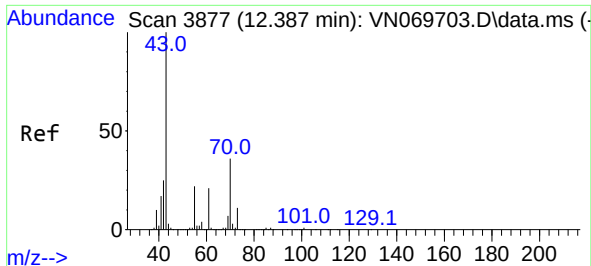
Tgt Ion:152 Resp: 1327430
Ion Ratio Lower Upper
152 100
115 69.1 27.5 82.5
150 151.0 0.0 344.4



#73
Isopropylbenzene
Concen: 3.757 ug/l
RT: 12.581 min Scan# 3949
Delta R.T. 0.000 min
Lab File: VN070014.D
Acq: 11 Dec 2021 17:44

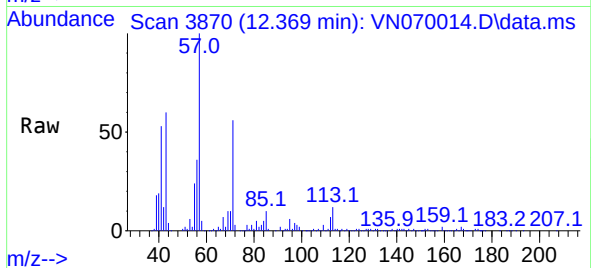
Tgt Ion:105 Resp: 443756
Ion Ratio Lower Upper
105 100
120 26.6 13.4 40.1



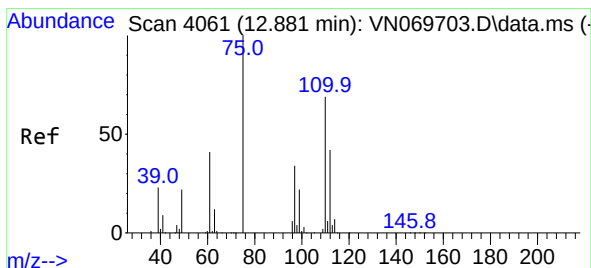
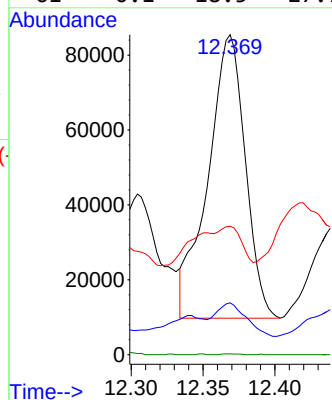
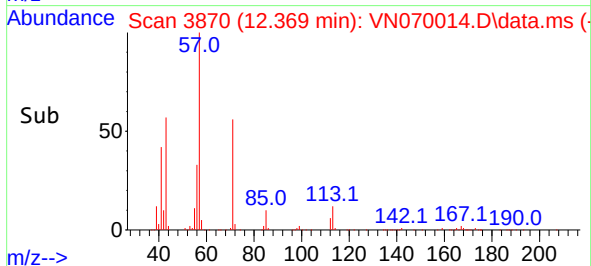


#74
N-amy1 acetate
Concen: 2.616 ug/l
RT: 12.369 min Scan# 31
Delta R.T. -0.019 min
Lab File: VN070014.D
Acq: 11 Dec 2021 17:44

Instrument :
MSVOA_N
ClientSampleId :

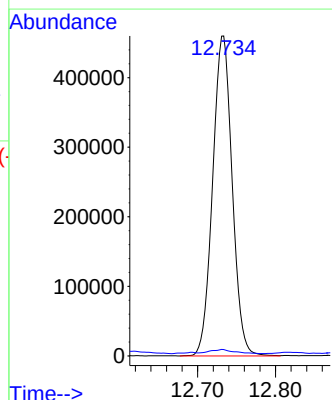
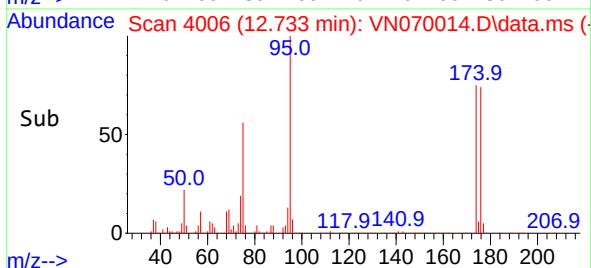
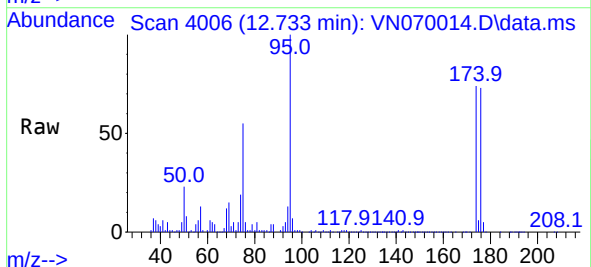


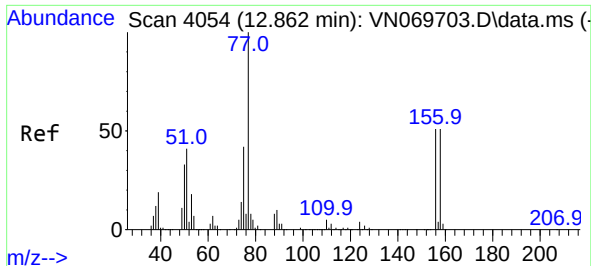
Tgt Ion: 43 Resp: 136625
Ion Ratio Lower Upper
43 100
70 9.8 33.4 50.0#
55 0.0 19.3 28.9#
61 0.1 18.5 27.7#



#76
1,2,3-Trichloropropane
Concen: 21.021 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.147 min
Lab File: VN070014.D
Acq: 11 Dec 2021 17:44

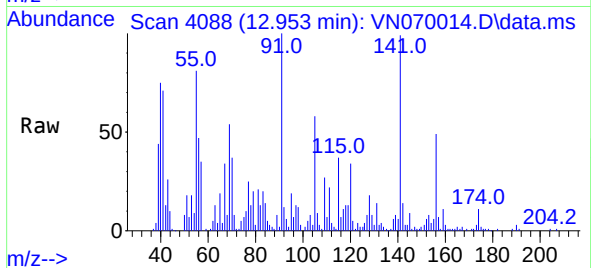
Tgt Ion: 75 Resp: 800222
Ion Ratio Lower Upper
75 100
77 1.5 82.6 247.8#



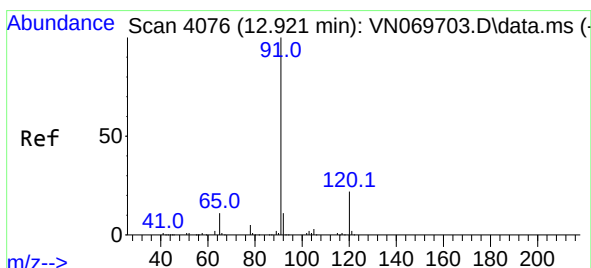
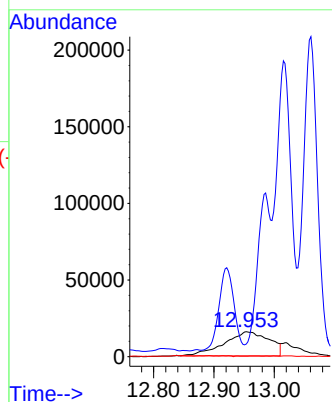
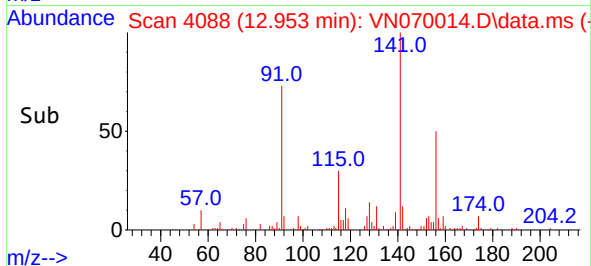


#77
Bromobenzene
Concen: 2.940 ug/l
RT: 12.953 min Scan# 4054
Delta R.T. 0.091 min
Lab File: VN070014.D
Acq: 11 Dec 2021 17:44

Instrument :
MSVOA_N
ClientSampleId :

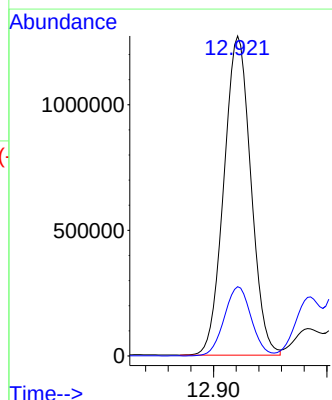
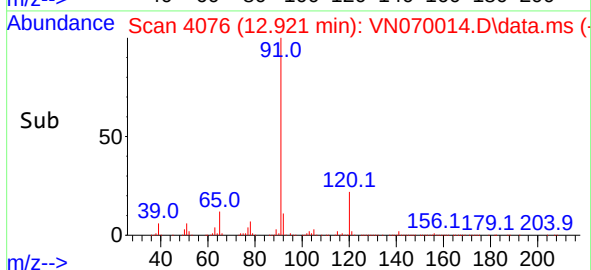
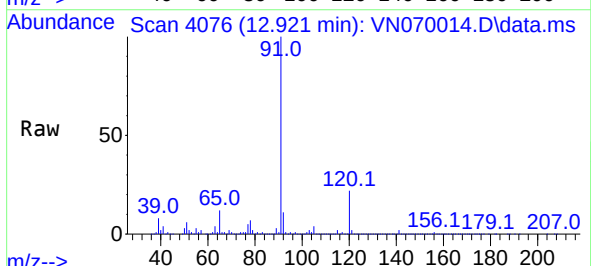


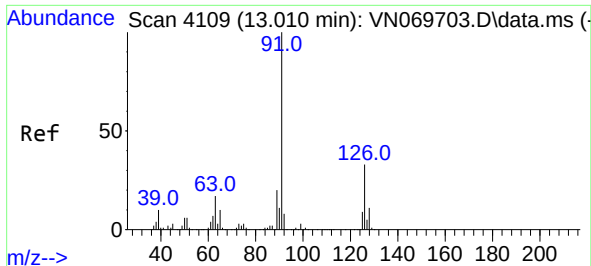
Tgt Ion:156 Resp: 81565
Ion Ratio Lower Upper
156 100
77 0.0 90.6 271.8#
158 0.7 48.9 146.7#



#78
n-propylbenzene
Concen: 15.971 ug/l
RT: 12.921 min Scan# 4076
Delta R.T. 0.000 min
Lab File: VN070014.D
Acq: 11 Dec 2021 17:44

Tgt Ion: 91 Resp: 2099027
Ion Ratio Lower Upper
91 100
120 21.7 11.9 35.9

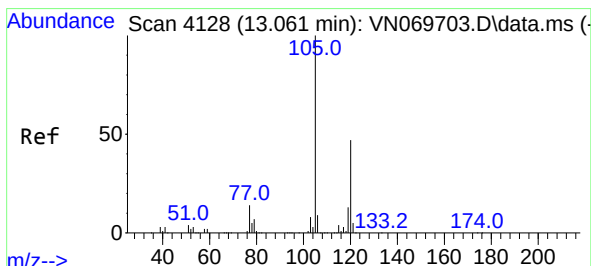
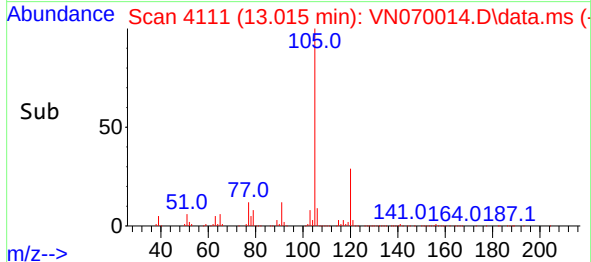
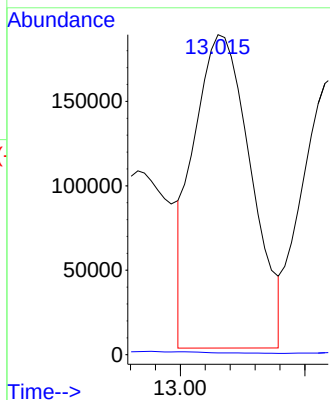
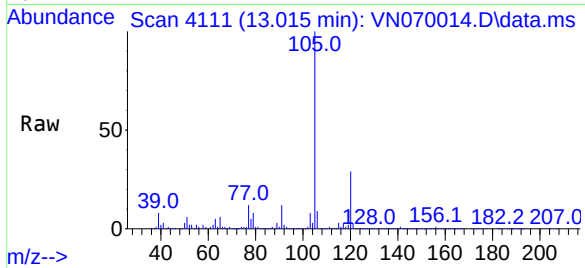




#79
2-Chlorotoluene
Concen: 3.563 ug/l
RT: 13.015 min Scan# 4109
Delta R.T. 0.005 min
Lab File: VN070014.D
Acq: 11 Dec 2021 17:44

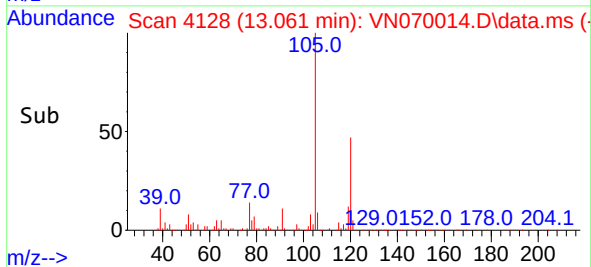
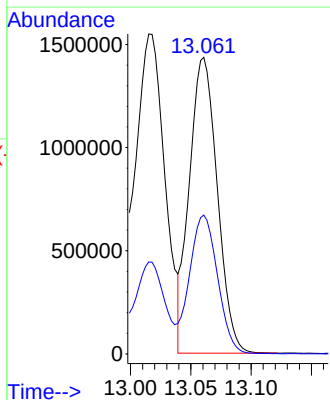
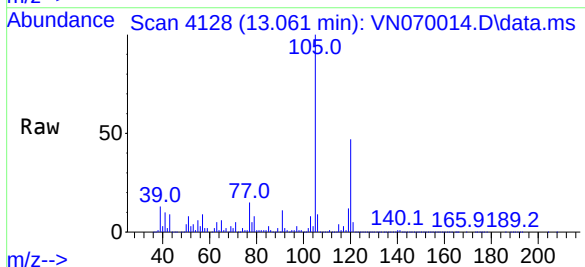
Instrument :
MSVOA_N
ClientSampleId :

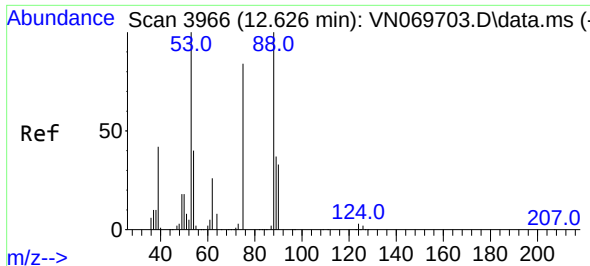
Tgt Ion: 91 Resp: 295917
Ion Ratio Lower Upper
91 100
126 0.0 18.3 54.8#



#80
1,3,5-Trimethylbenzene
Concen: 24.251 ug/l
RT: 13.061 min Scan# 4128
Delta R.T. 0.000 min
Lab File: VN070014.D
Acq: 11 Dec 2021 17:44

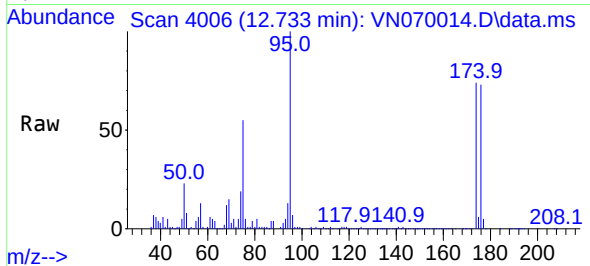
Tgt Ion: 105 Resp: 2305325
Ion Ratio Lower Upper
105 100
120 47.7 24.6 73.6



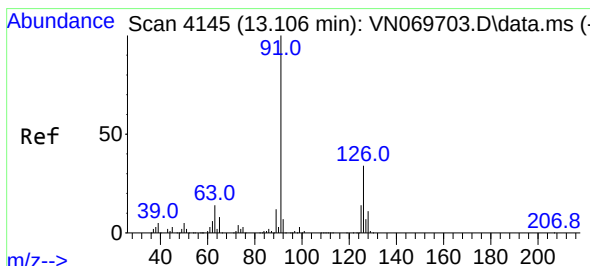
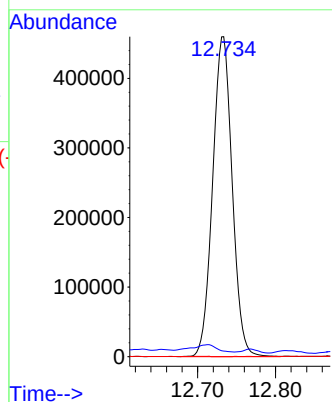
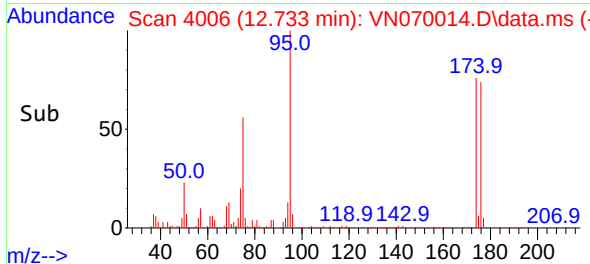


#81
trans-1,4-Dichloro-2-butene
Concen: 67.272 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.107 min
Lab File: VN070014.D
Acq: 11 Dec 2021 17:44

Instrument :
MSVOA_N
ClientSampleId :

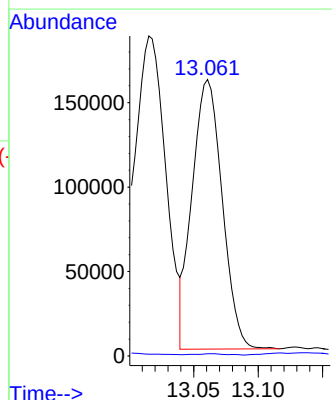
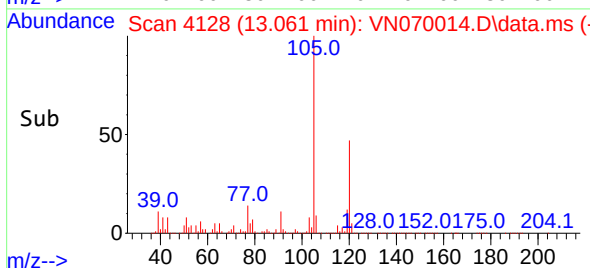
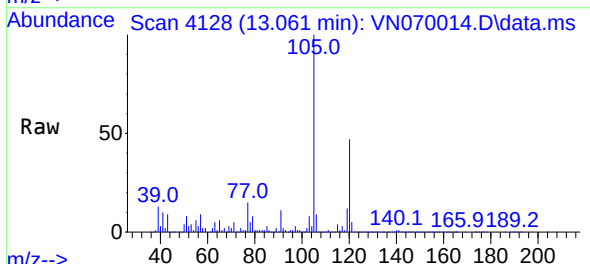


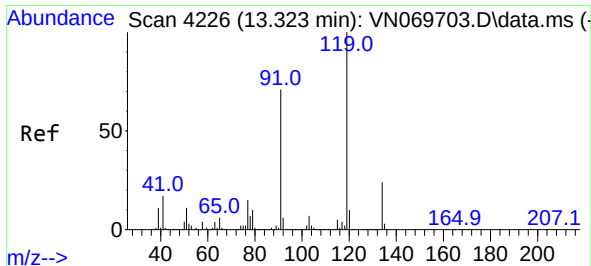
Tgt Ion: 75 Resp: 800222
Ion Ratio Lower Upper
75 100
53 2.9 90.5 135.7#
89 0.0 38.2 57.4#



#82
4-Chlorotoluene
Concen: 3.310 ug/l
RT: 13.061 min Scan# 4128
Delta R.T. -0.045 min
Lab File: VN070014.D
Acq: 11 Dec 2021 17:44

Tgt Ion: 91 Resp: 258508
Ion Ratio Lower Upper
91 100
126 0.2 18.2 54.6#

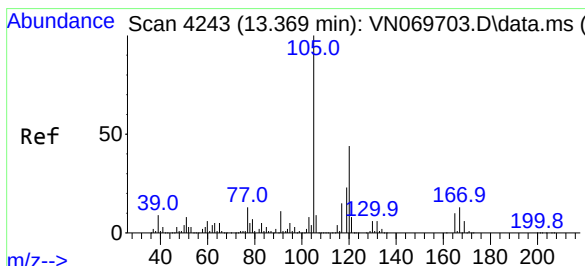
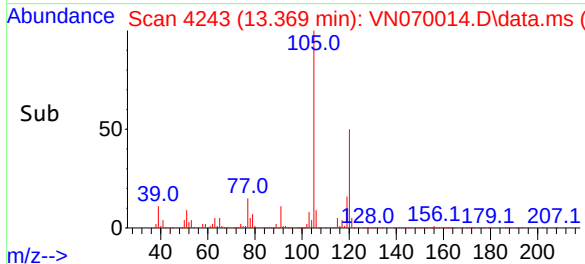
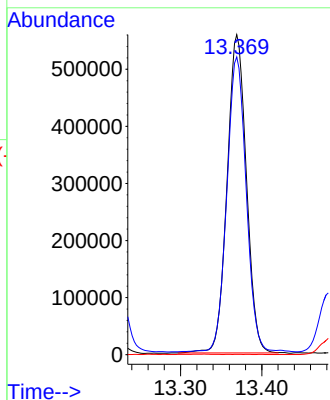
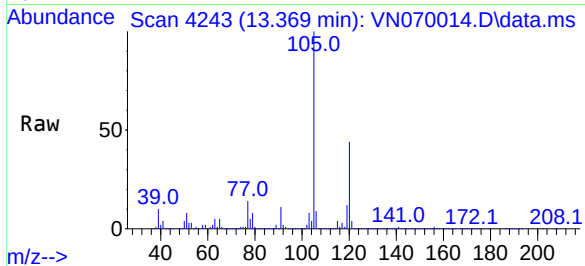




#83
tert-Butylbenzene
Concen: 10.938 ug/l
RT: 13.369 min Scan# 4226
Delta R.T. 0.046 min
Lab File: VN070014.D
Acq: 11 Dec 2021 17:44

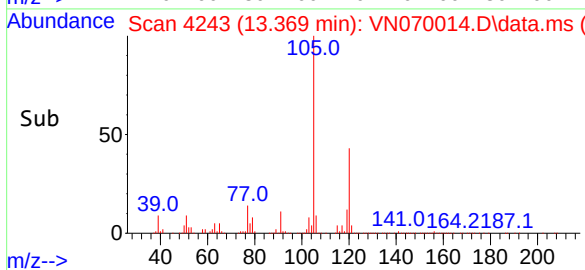
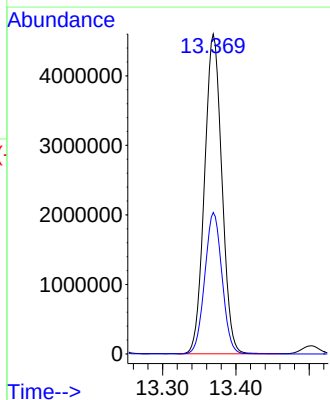
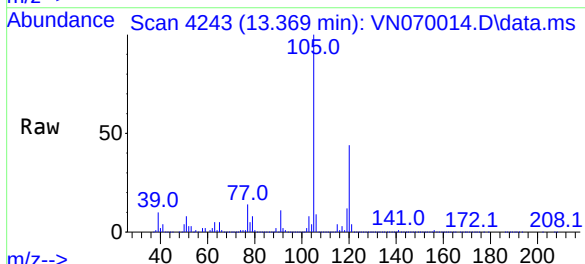
Instrument :
MSVOA_N
ClientSampleId :

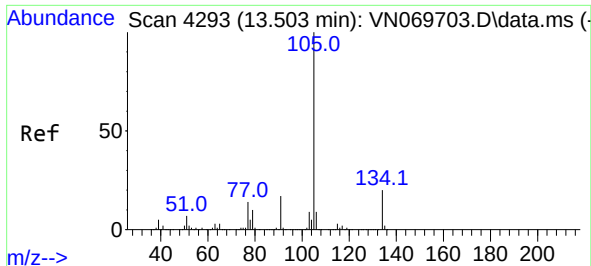
Tgt Ion:119 Resp: 920686
Ion Ratio Lower Upper
119 100
91 92.5 31.5 94.5
134 0.0 12.4 37.4#



#84
1,2,4-Trimethylbenzene
Concen: 83.559 ug/l
RT: 13.369 min Scan# 4243
Delta R.T. 0.000 min
Lab File: VN070014.D
Acq: 11 Dec 2021 17:44

Tgt Ion:105 Resp: 7564704
Ion Ratio Lower Upper
105 100
120 44.0 22.8 68.4

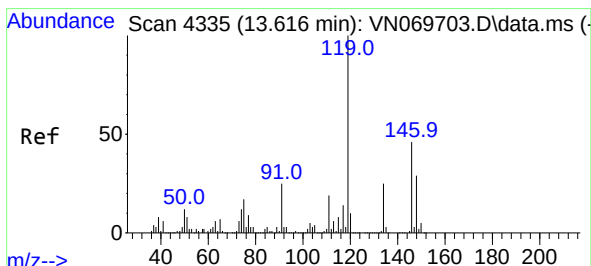
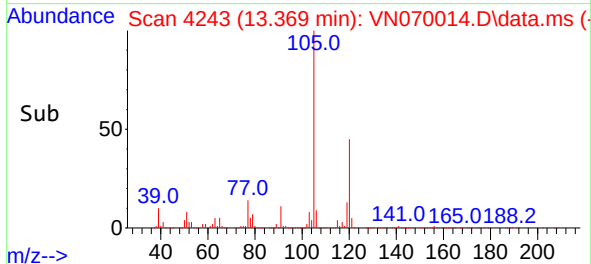
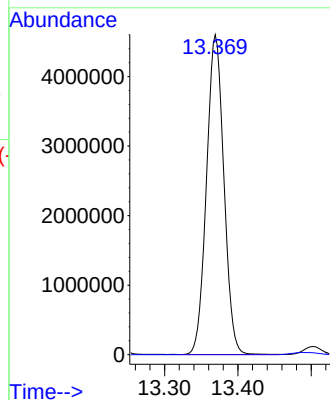
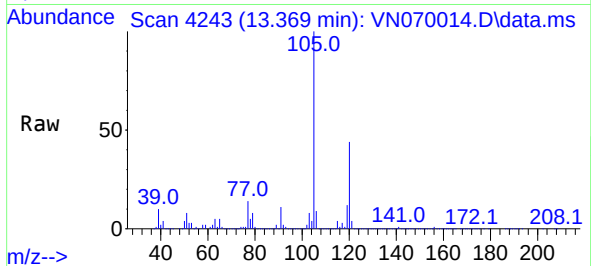




#85
 sec-Butylbenzene
 Concen: 66.257 ug/l
 RT: 13.369 min Scan# 4243
 Delta R.T. -0.134 min
 Lab File: VN070014.D
 Acq: 11 Dec 2021 17:44

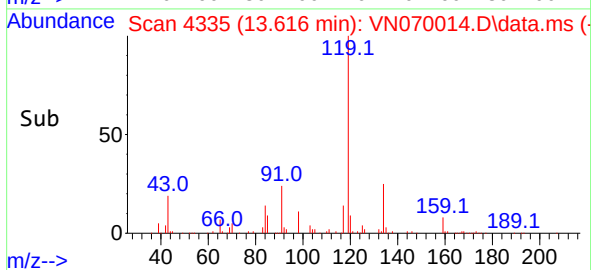
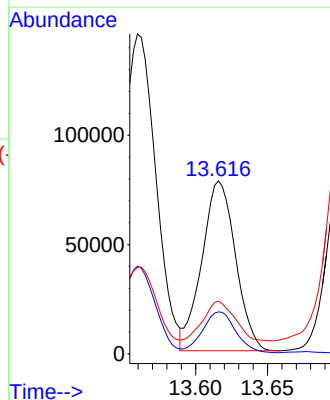
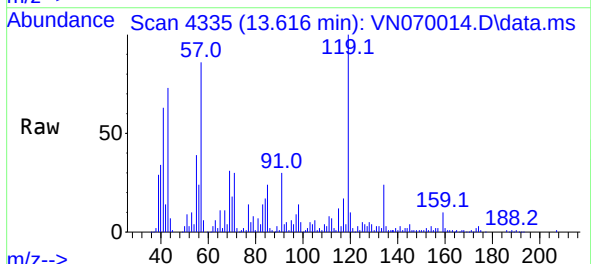
Instrument :
 MSVOA_N
 ClientSampleId :

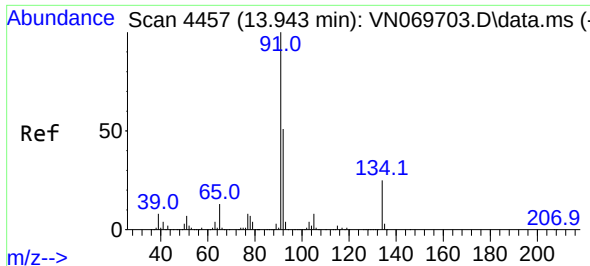
Tgt Ion:105 Resp: 7564704
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.4 31.1#



#86
 p-Isopropyltoluene
 Concen: 1.419 ug/l
 RT: 13.616 min Scan# 4335
 Delta R.T. 0.000 min
 Lab File: VN070014.D
 Acq: 11 Dec 2021 17:44

Tgt Ion:119 Resp: 126664
 Ion Ratio Lower Upper
 119 100
 134 23.8 13.6 40.7
 91 22.4 11.4 34.1

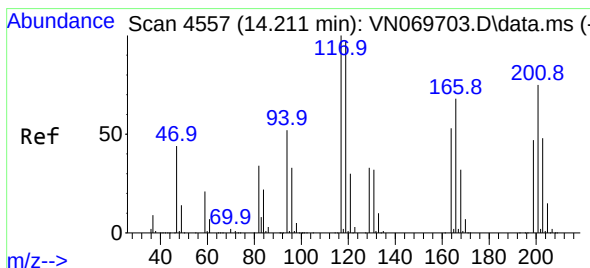
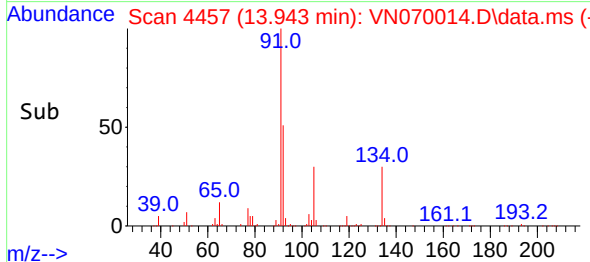
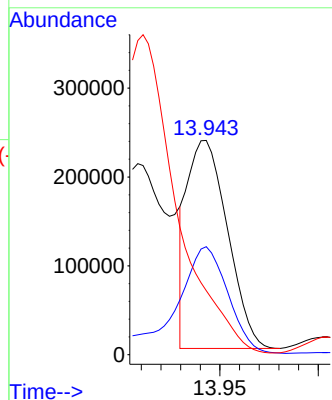
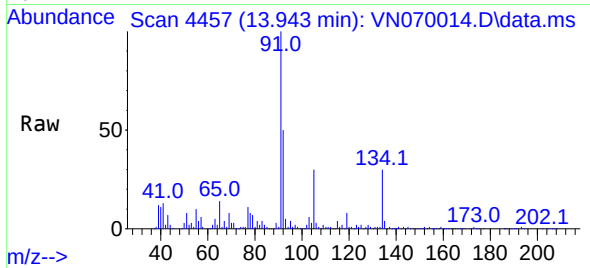




#89
n-Butylbenzene
Concen: 4.594 ug/l
RT: 13.943 min Scan# 4457
Delta R.T. 0.000 min
Lab File: VN070014.D
Acq: 11 Dec 2021 17:44

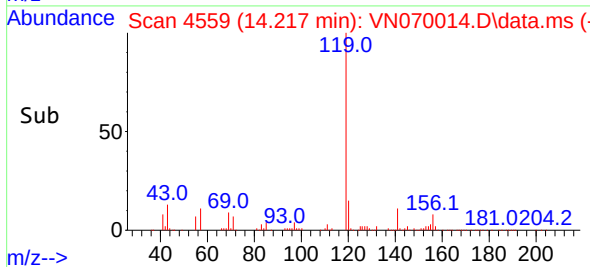
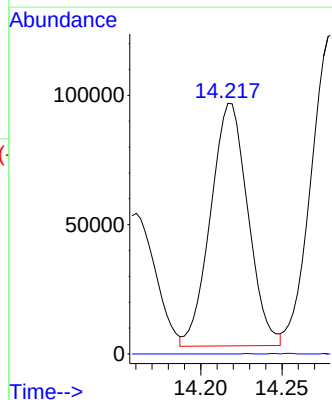
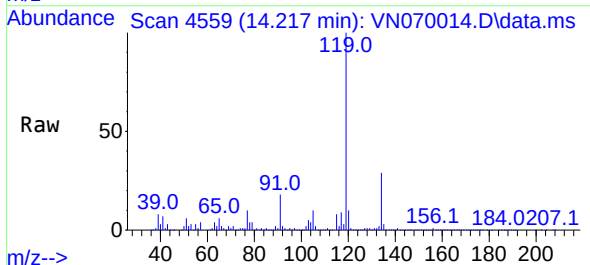
Instrument :
MSVOA_N
ClientSampleId :

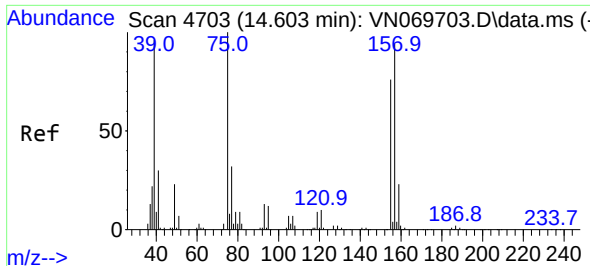
Tgt Ion: 91 Resp: 332558
Ion Ratio Lower Upper
91 100
92 68.0 25.4 76.0
134 0.0 13.6 40.8#



#90
Hexachloroethane
Concen: 9.575 ug/l
RT: 14.217 min Scan# 4559
Delta R.T. 0.006 min
Lab File: VN070014.D
Acq: 11 Dec 2021 17:44

Tgt Ion: 117 Resp: 150025
Ion Ratio Lower Upper
117 100
201 0.0 43.9 131.6#

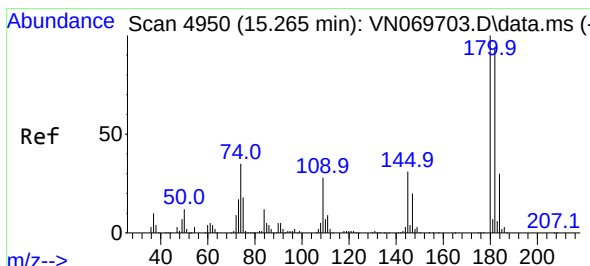
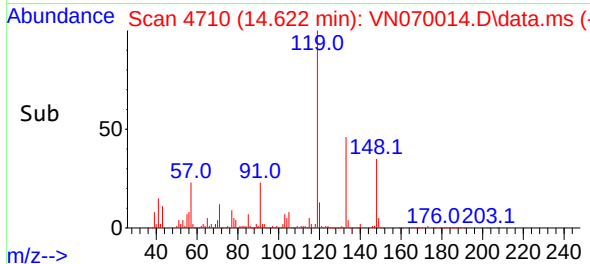
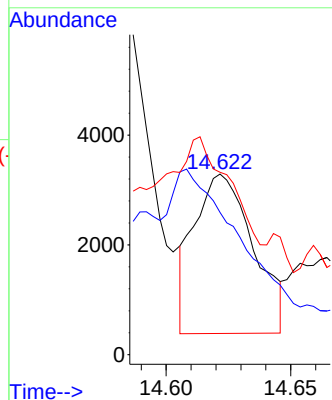
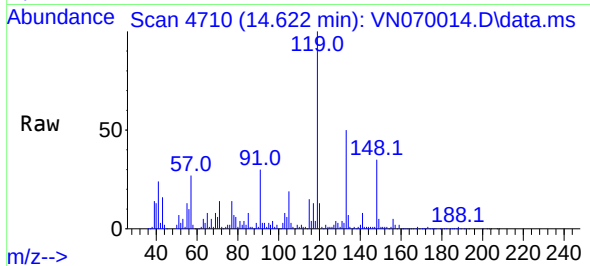




#92
1,2-Dibromo-3-Chloropropane
Concen: 0.646 ug/l
RT: 14.622 min Scan# 41
Delta R.T. 0.019 min
Lab File: VN070014.D
Acq: 11 Dec 2021 17:44

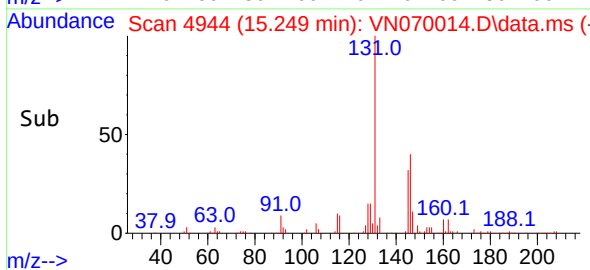
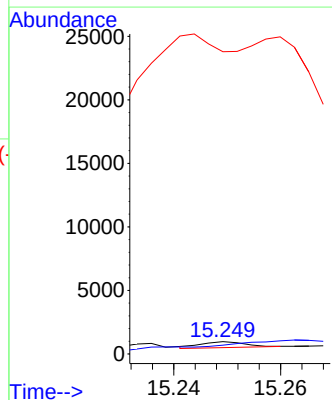
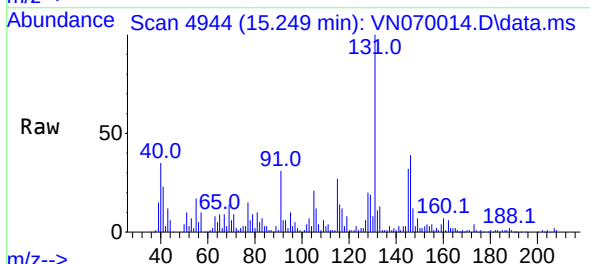
Instrument :
MSVOA_N
ClientSampleId :

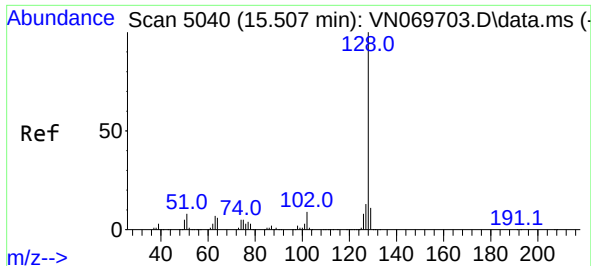
Tgt Ion: 75 Resp: 4769
Ion Ratio Lower Upper
75 100
155 99.4 46.9 140.7
157 132.8 60.6 181.7



#93
1,2,4-Trichlorobenzene
Concen: 2.890 ug/l
RT: 15.249 min Scan# 4944
Delta R.T. -0.016 min
Lab File: VN070014.D
Acq: 11 Dec 2021 17:44

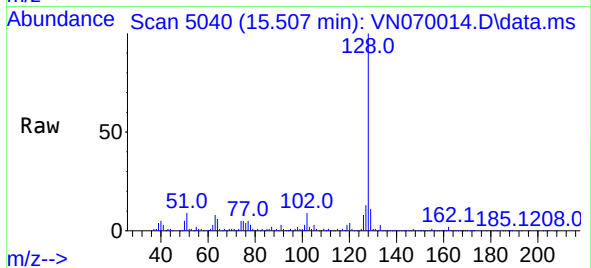
Tgt Ion: 180 Resp: 279
Ion Ratio Lower Upper
180 100
182 669.2 48.3 144.9#
145 8435.1 14.5 43.5#



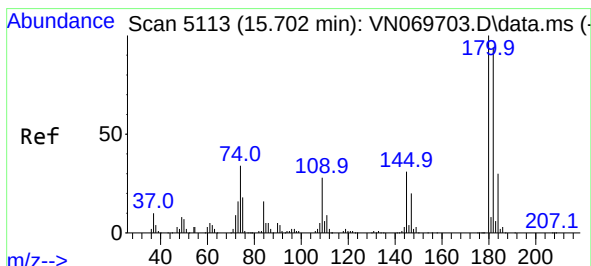
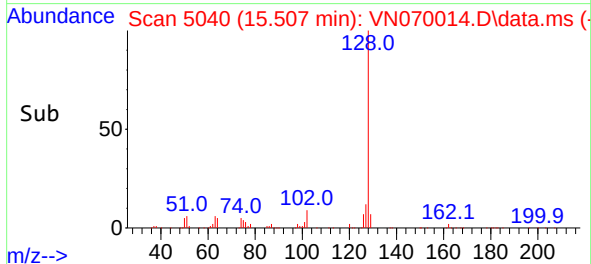
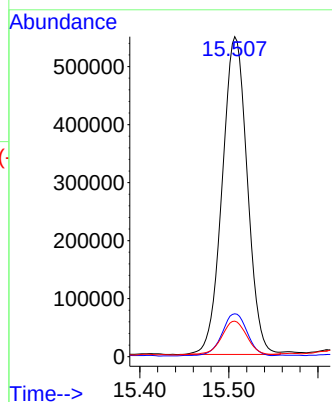


#95
Naphthalene
Concen: 19.182 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. -0.000 min
Lab File: VN070014.D
Acq: 11 Dec 2021 17:44

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:128 Resp: 1071198
Ion Ratio Lower Upper
128 100
127 13.4 10.5 15.7
129 10.7 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 2.489 ug/l
RT: 15.719 min Scan# 5119
Delta R.T. 0.017 min
Lab File: VN070014.D
Acq: 11 Dec 2021 17:44

Tgt Ion:180 Resp: 1186
Ion Ratio Lower Upper
180 100
182 0.0 47.4 142.2#
145 0.0 15.0 45.1#

