

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121121\
 Data File : VN070012.D
 Acq On : 11 Dec 2021 16:53
 Operator : JC/MD
 Sample : M4873-07
 Misc : 5.18g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 12 16:22:56 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	1208512	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	2240925	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	2656807	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	1354291	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	912992	48.929	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	97.860%
35) Dibromofluoromethane	8.024	113	680446	48.476	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	96.960%
50) Toluene-d8	10.443	98	3013231	53.462	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	106.920%
62) 4-Bromofluorobenzene	12.731	95	1473214	72.150	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	144.300%#

Target Compounds				Qvalue		
11) Tert butyl alcohol	5.385	59	216715	61.443	ug/l #	71
13) Acrolein	3.985	56	31042	10.335	ug/l #	1
14) Allyl chloride	4.945	41	95893	3.697	ug/l #	54
15) Acrylonitrile	5.616	53	93437	9.831	ug/l #	39
16) Acetone	4.250	43	164009	14.612	ug/l #	54
18) Methyl Acetate	4.934	43	34735	1.025	ug/l #	51
19) Methyl tert-butyl Ether	5.624	73	752511	16.812	ug/l #	1
20) Methylene Chloride	5.245	84	64184	4.301	ug/l #	8
22) Diisopropyl ether	6.503	45	46171	0.911	ug/l #	86
23) Vinyl Acetate	6.471	43	57725	1.399	ug/l #	82
25) 2-Butanone	7.340	43	55907	3.666	ug/l #	68
28) Bromochloromethane	7.839	49	5732	0.420	ug/l #	9
29) Tetrahydrofuran	7.670	42	2699	0.291	ug/l #	32
30) Chloroform	7.842	83	27725	1.045	ug/l #	57
31) Cyclohexane	8.091	56	1345372	51.810	ug/l #	83
36) 1,1-Dichloropropene	8.088	75	105030	4.923	ug/l #	49
37) Ethyl Acetate	7.340	43	55907	1.761	ug/l #	70
38) Carbon Tetrachloride	8.088	117	124370	5.945	ug/l #	15
39) Methylcyclohexane	9.462	83	1627793	64.149	ug/l #	86
40) Benzene	8.464	78	9242576	141.743	ug/l	99
41) Methacrylonitrile	7.678	41	38078	2.555	ug/l #	44
42) 1,2-Dichloroethane	8.461	62	94092	3.575	ug/l	81
43) Isopropyl Acetate	8.558	43	259482	5.522	ug/l #	55
45) 1,2-Dichloropropane	9.462	63	18870	1.078	ug/l #	1
47) Bromodichloromethane	9.743	83	71563	3.291	ug/l #	29
48) Methyl methacrylate	9.593	41	95243	4.344	ug/l #	26
49) 1,4-Dioxane	9.580	88	87	0.221	ug/l #	1
51) 4-Methyl-2-Pentanone	10.371	43	181356	5.950	ug/l #	75
52) Toluene	10.508	92	2576314	64.716	ug/l	98
53) t-1,3-Dichloropropene	10.636	75	1121	2.835	ug/l #	1
54) cis-1,3-Dichloropropene	10.331	75	1329	2.045	ug/l #	1
55) 1,1,2-Trichloroethane	10.878	97	250172	15.575	ug/l #	25
56) Ethyl methacrylate	10.800	69	58367	4.117	ug/l #	1
58) 2-Chloroethyl Vinyl ether	10.025	63	11520	19.693	ug/l #	45
59) 2-Hexanone	11.218	43	11352	0.492	ug/l	68
60) Dibromochloromethane	11.519	129	563	2.407	ug/l	98

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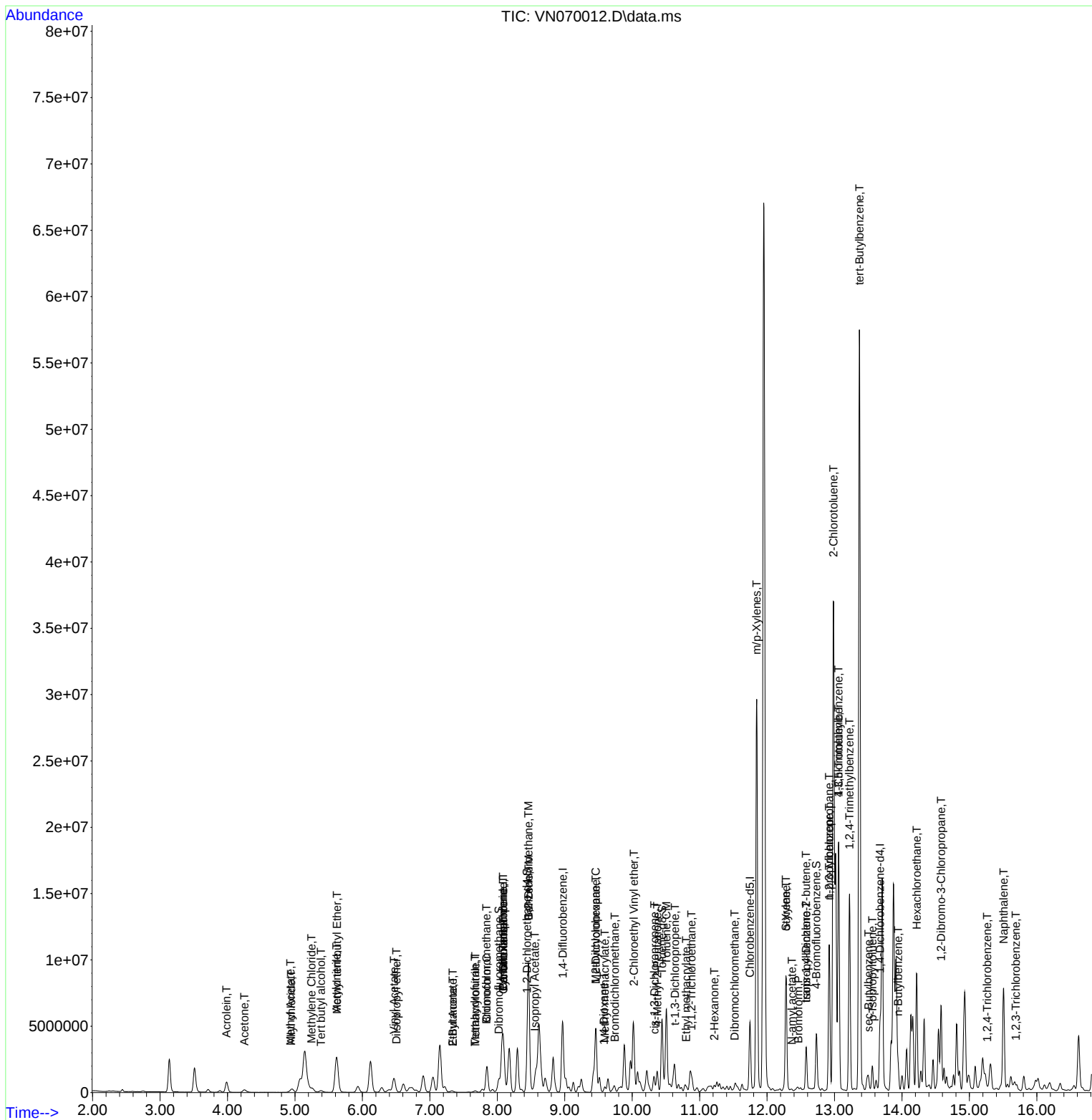
Instrument :
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 ClientSampleId :

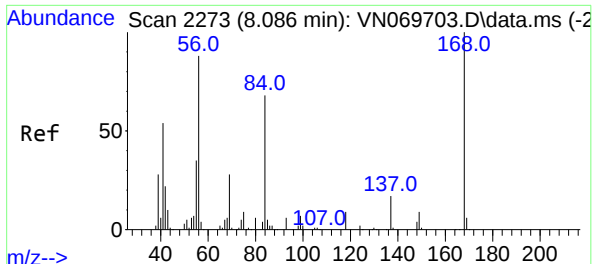
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 Quant Title : SW846 8260
 QLast Update : Fri Dec 03 08:46:47 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
68) m/p-Xylenes	11.846	106	6562447	184.089	ug/l #	1
69) o-Xylene	12.280	106	2268114	63.165	ug/l	90
70) Styrene	12.280	104	114393	2.009	ug/l #	1
71) Bromoform	12.465	173	64	2.735	ug/l #	29
73) Isopropylbenzene	12.581	105	2127084	17.653	ug/l	98
74) N-amyl acetate	12.369	43	32464	0.609	ug/l #	50
76) 1,2,3-Trichloropropane	12.921	75	60061	1.546	ug/l #	1
78) n-propylbenzene	12.921	91	8718418	65.022	ug/l	96
79) 2-Chlorotoluene	12.986	91	3087007	36.436	ug/l #	39
80) 1,3,5-Trimethylbenzene	13.061	105	9978176	102.885	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.578	75	28840	6.294	ug/l #	64
82) 4-Chlorotoluene	13.061	91	1140539	14.315	ug/l #	38
83) tert-Butylbenzene	13.369	119	4263324	49.645	ug/l #	57
84) 1,2,4-Trimethylbenzene	13.222	105	9319540	100.901	ug/l	76
85) sec-Butylbenzene	13.503	105	647313	5.557	ug/l #	64
86) p-Isopropyltoluene	13.560	119	964720	10.596	ug/l	97
89) n-Butylbenzene	13.943	91	929564	12.586	ug/l #	67
90) Hexachloroethane	14.219	117	417570	26.122	ug/l #	6
92) 1,2-Dibromo-3-Chloropr...	14.581	75	27258	3.620	ug/l #	1
93) 1,2,4-Trichlorobenzene	15.265	180	1872	2.957	ug/l #	48
95) Naphthalene	15.507	128	6677808	96.841	ug/l	100
96) 1,2,3-Trichlorobenzene	15.689	180	490	2.457	ug/l #	1

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

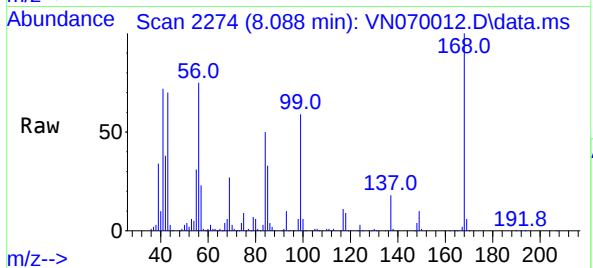
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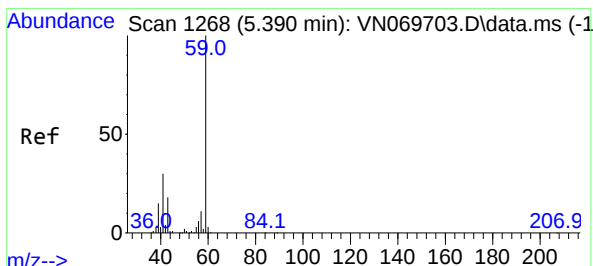
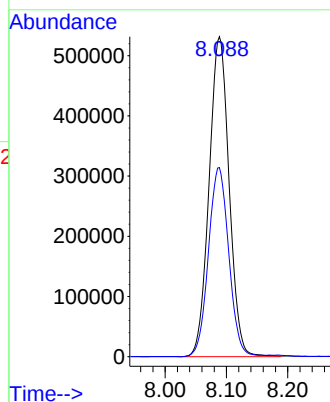
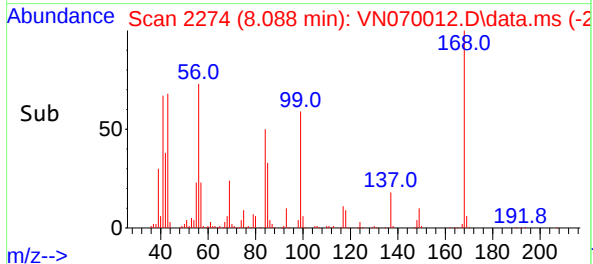


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 21
Delta R.T. 0.002 min
Lab File: VN070012.D
Acq: 11 Dec 2021 16:53

Instrument :
MSVOA_N
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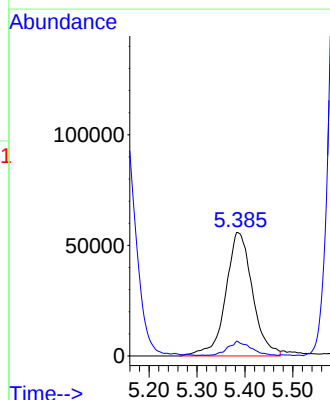
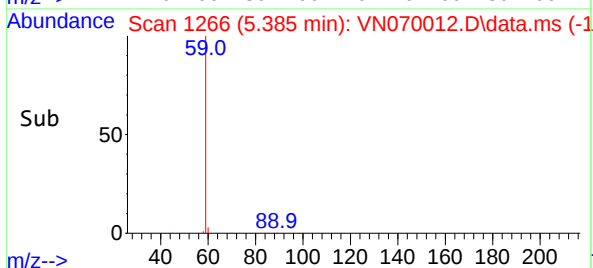
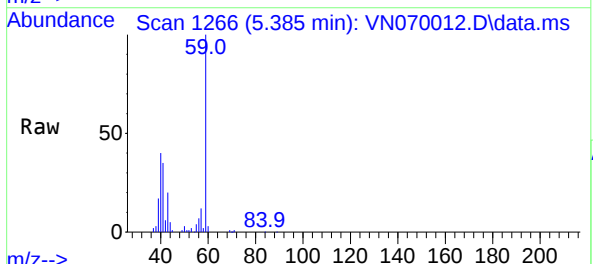


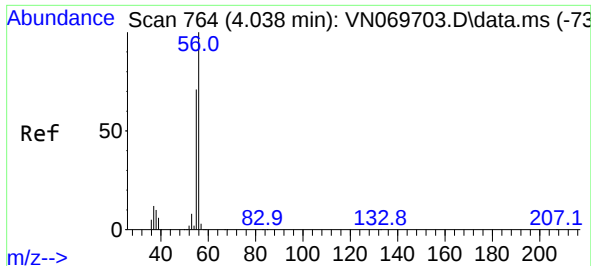
Tgt Ion:168 Resp: 1208512
Ion Ratio Lower Upper
168 100
99 59.1 41.3 61.9



#11
Tert butyl alcohol
Concen: 61.443 ug/l
RT: 5.385 min Scan# 1266
Delta R.T. -0.005 min
Lab File: VN070012.D
Acq: 11 Dec 2021 16:53

Tgt Ion: 59 Resp: 216715
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1#

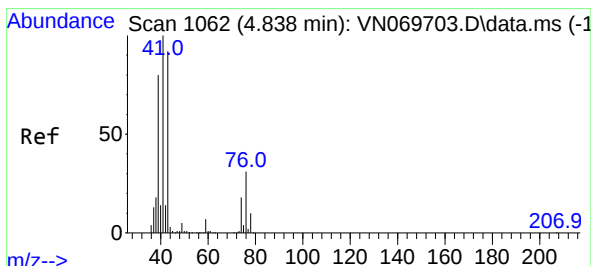
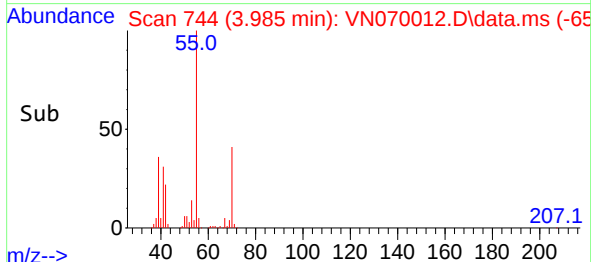
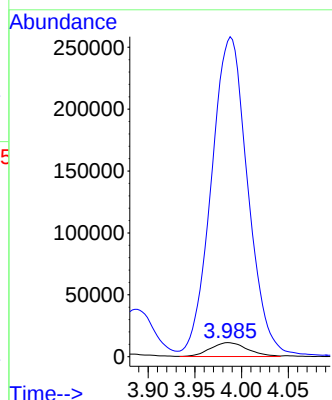
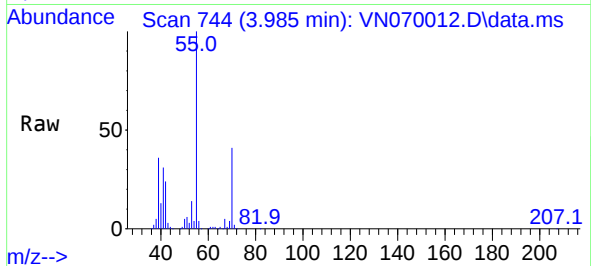




#13
Acrolein
Concen: 10.335 ug/l
RT: 3.985 min Scan# 74
Delta R.T. -0.053 min
Lab File: VN070012.D
Acq: 11 Dec 2021 16:53

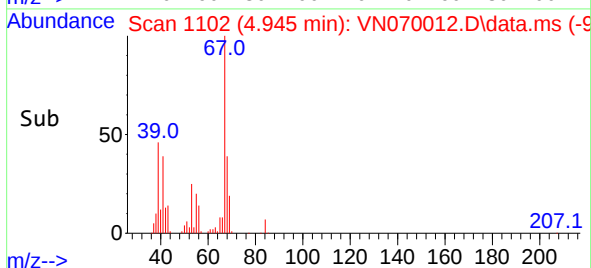
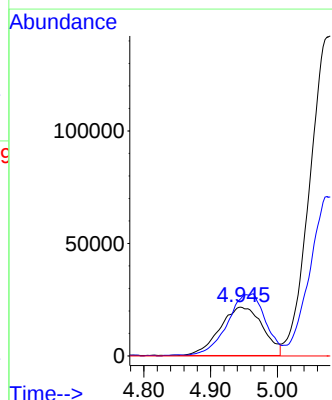
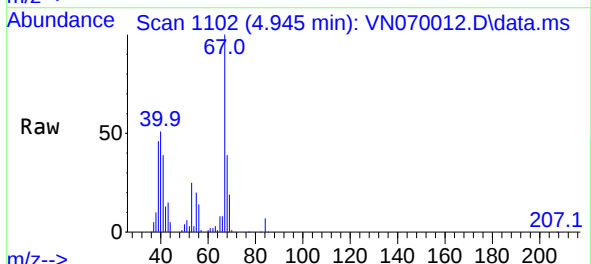
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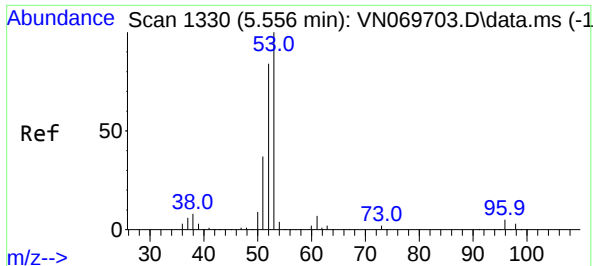
Tgt Ion: 56 Resp: 31042
Ion Ratio Lower Upper
56 100
55 2255.7 56.6 85.0#



#14
Allyl chloride
Concen: 3.697 ug/l
RT: 4.945 min Scan# 1102
Delta R.T. 0.107 min
Lab File: VN070012.D
Acq: 11 Dec 2021 16:53

Tgt Ion: 41 Resp: 95893
Ion Ratio Lower Upper
41 100
39 111.5 61.2 91.8#
76 0.0 26.0 39.0#

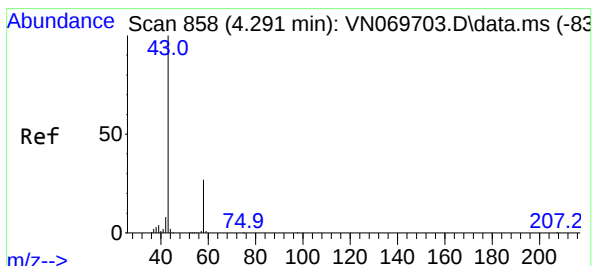
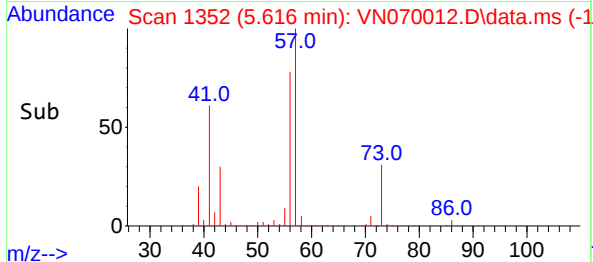
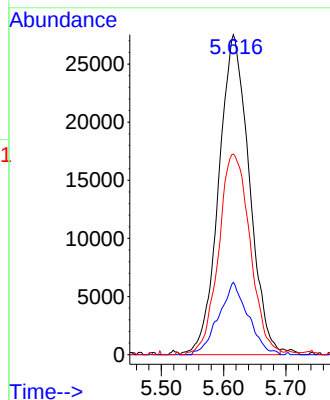
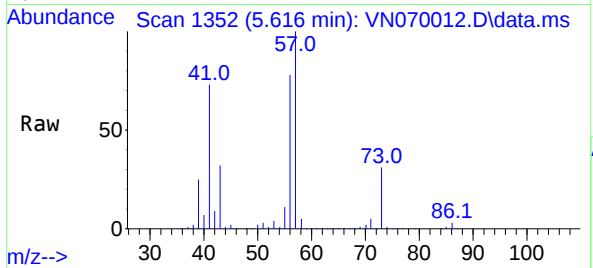




#15
Acrylonitrile
Concen: 9.831 ug/l
RT: 5.616 min Scan# 11
Delta R.T. 0.059 min
Lab File: VN070012.D
Acq: 11 Dec 2021 16:53

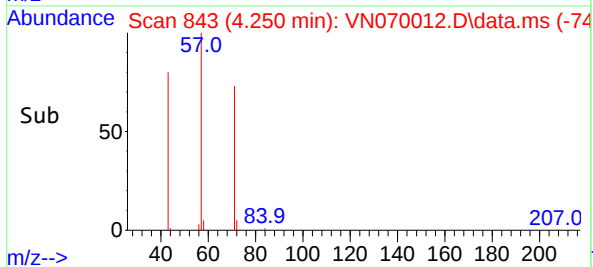
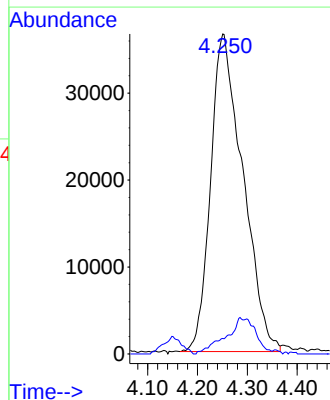
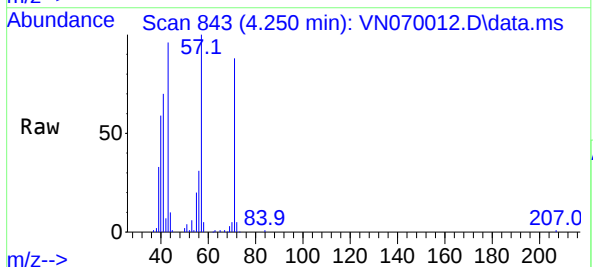
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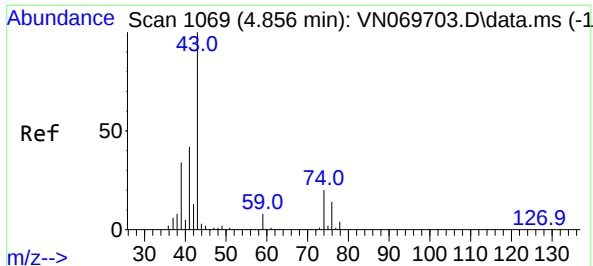
Tgt Ion: 53 Resp: 93437
Ion Ratio Lower Upper
53 100
52 21.8 66.2 99.2#
51 64.8 29.6 44.4#



#16
Acetone
Concen: 14.612 ug/l
RT: 4.250 min Scan# 843
Delta R.T. -0.040 min
Lab File: VN070012.D
Acq: 11 Dec 2021 16:53

Tgt Ion: 43 Resp: 164009
Ion Ratio Lower Upper
43 100
58 4.1 23.1 34.7#

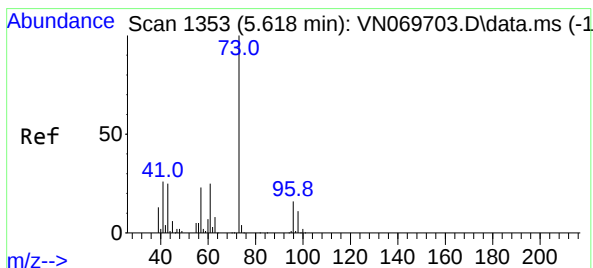
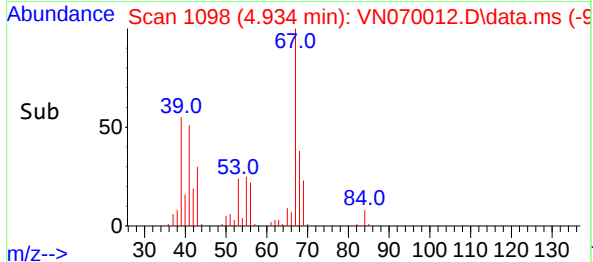
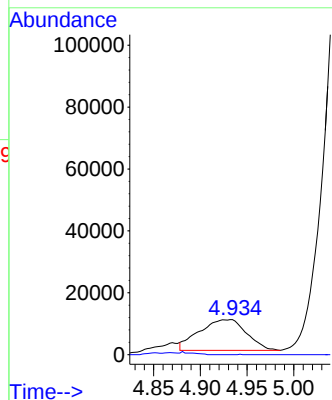
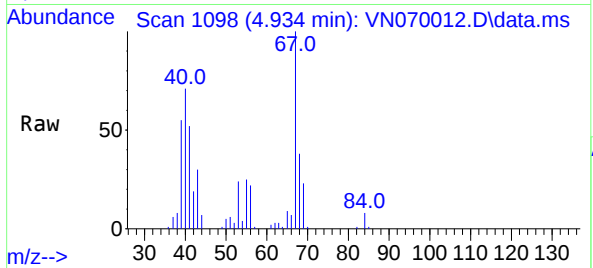




#18
Methyl Acetate
Concen: 1.025 ug/l
RT: 4.934 min Scan# 1098
Delta R.T. 0.078 min
Lab File: VN070012.D
Acq: 11 Dec 2021 16:53

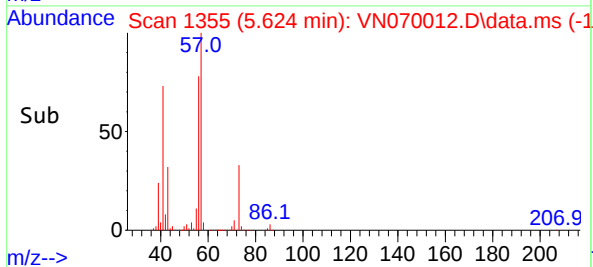
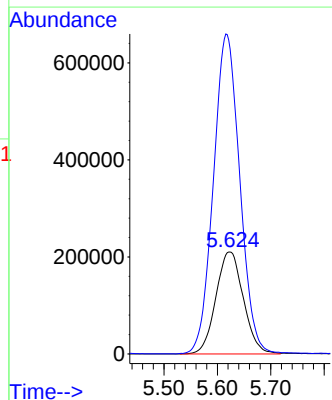
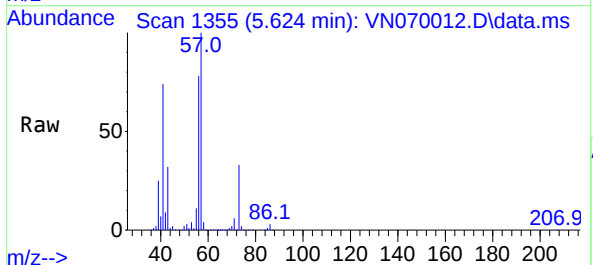
Instrument :
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ClientSampleId :

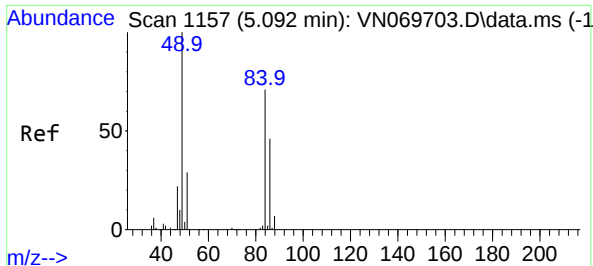
Tgt Ion: 43 Resp: 34735
Ion Ratio Lower Upper
43 100
74 0.0 19.4 29.2#



#19
Methyl tert-butyl Ether
Concen: 16.812 ug/l
RT: 5.624 min Scan# 1355
Delta R.T. 0.006 min
Lab File: VN070012.D
Acq: 11 Dec 2021 16:53

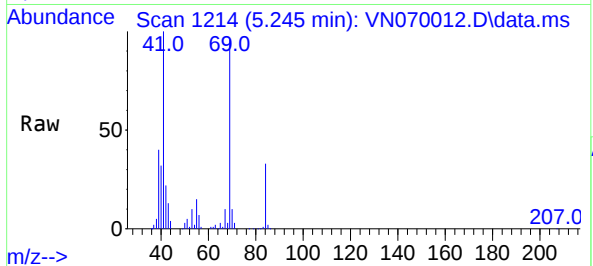
Tgt Ion: 73 Resp: 752511
Ion Ratio Lower Upper
73 100
57 298.7 16.8 25.2#



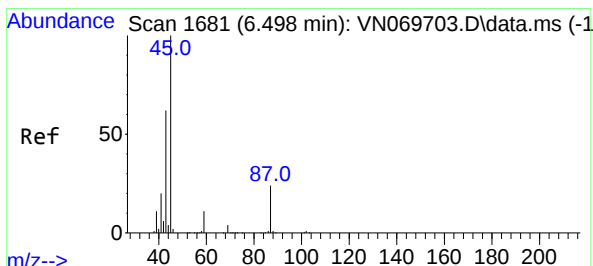
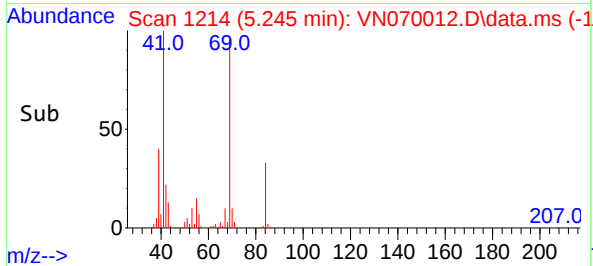
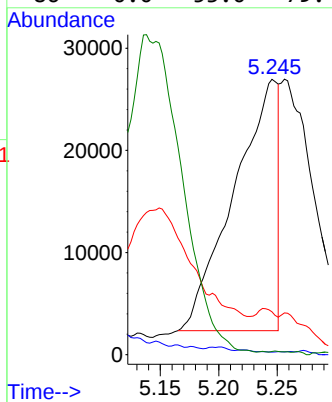


#20
Methylene Chloride
Concen: 4.301 ug/l
RT: 5.245 min Scan# 1157
Delta R.T. 0.153 min
Lab File: VN070012.D
Acq: 11 Dec 2021 16:53

Instrument :
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ClientSampleId :

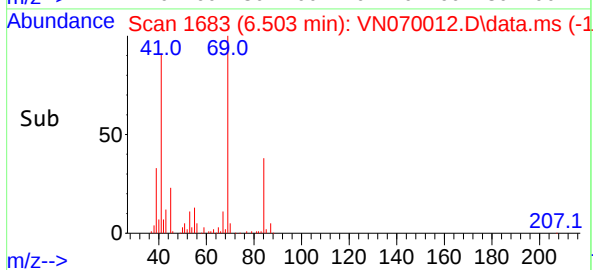
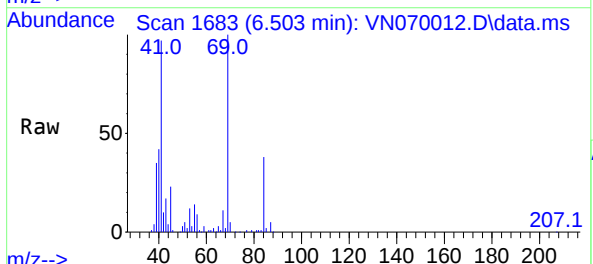
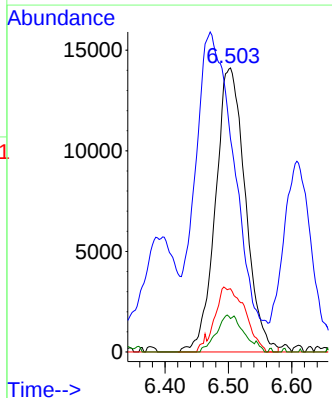


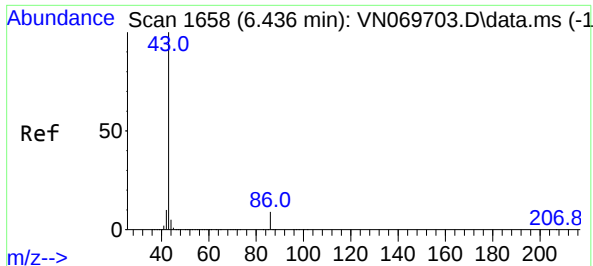
Tgt Ion: 84 Resp: 64184
Ion Ratio Lower Upper
84 100
49 0.0 93.5 140.3#
51 2.2 29.4 44.2#
86 0.0 53.0 79.4#



#22
Diisopropyl ether
Concen: 0.911 ug/l
RT: 6.503 min Scan# 1683
Delta R.T. 0.006 min
Lab File: VN070012.D
Acq: 11 Dec 2021 16:53

Tgt Ion: 45 Resp: 46171
Ion Ratio Lower Upper
45 100
43 51.0 51.7 77.5#
87 22.3 23.2 34.8#
59 11.8 9.4 14.0

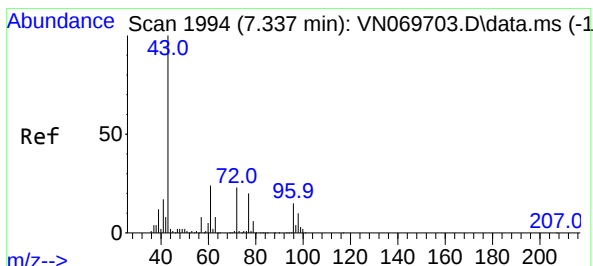
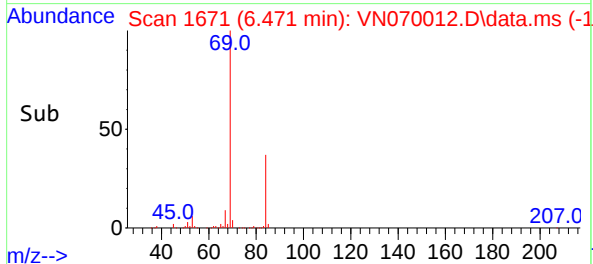
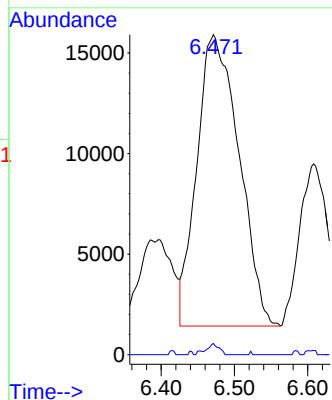
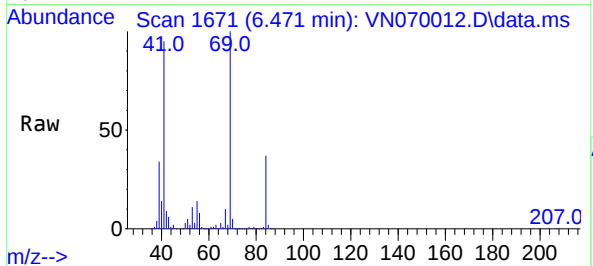




#23
Vinyl Acetate
Concen: 1.399 ug/l
RT: 6.471 min Scan# 1671
Delta R.T. 0.035 min
Lab File: VN070012.D
Acq: 11 Dec 2021 16:53

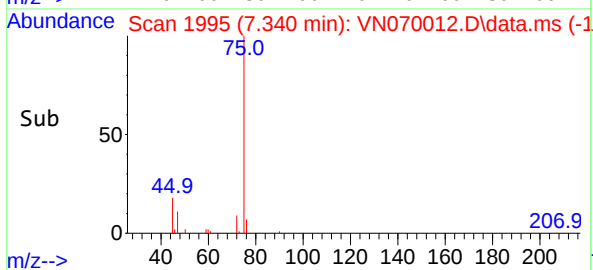
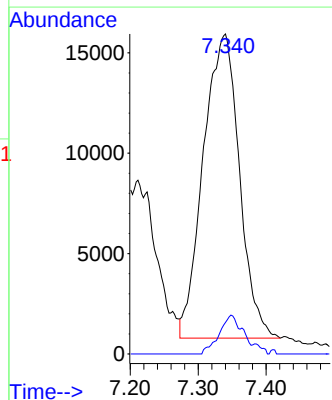
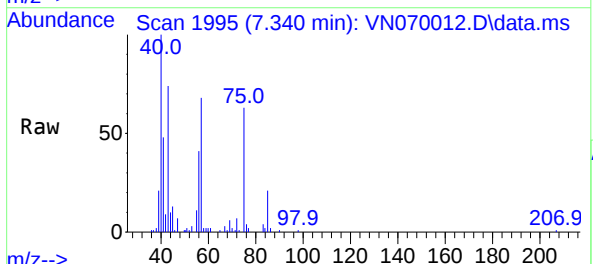
Instrument :
MSVOA_N
ClientSampleId :

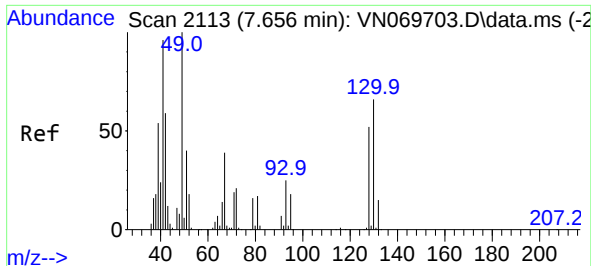
Tgt Ion: 43 Resp: 57725
Ion Ratio Lower Upper
43 100
86 3.8 8.5 12.7#



#25
2-Butanone
Concen: 3.666 ug/l
RT: 7.340 min Scan# 1995
Delta R.T. 0.003 min
Lab File: VN070012.D
Acq: 11 Dec 2021 16:53

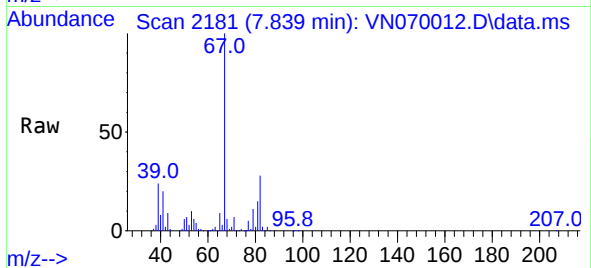
Tgt Ion: 43 Resp: 55907
Ion Ratio Lower Upper
43 100
72 10.4 21.7 32.5#



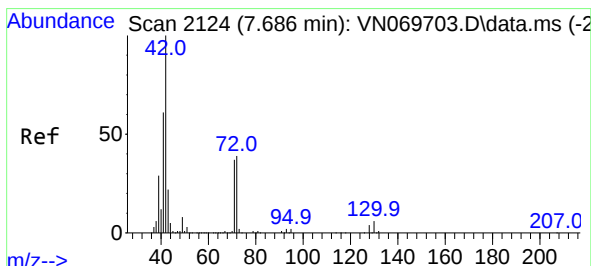
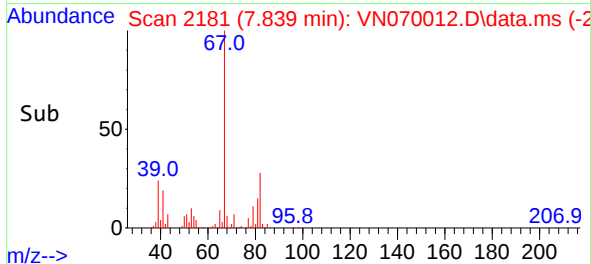
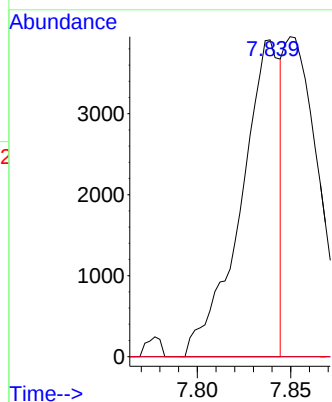


#28
Bromochloromethane
Concen: 0.420 ug/l
RT: 7.839 min Scan# 2118
Delta R.T. 0.183 min
Lab File: VN070012.D
Acq: 11 Dec 2021 16:53

Instrument :
MSVOA_N
ClientSampleId :

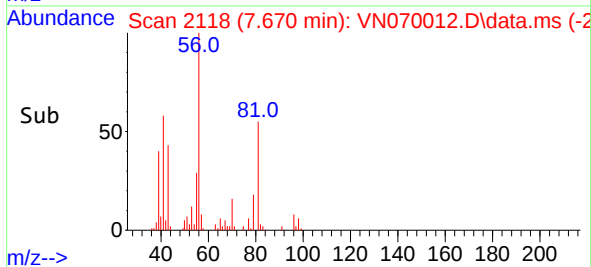
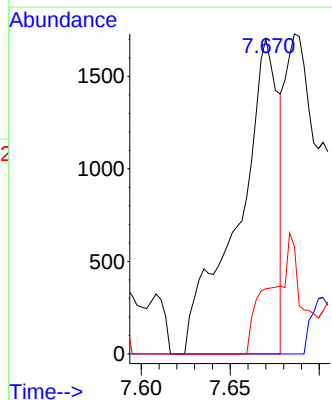
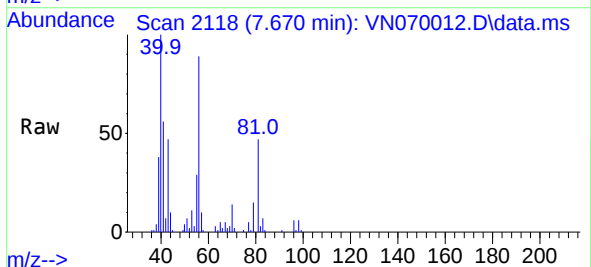


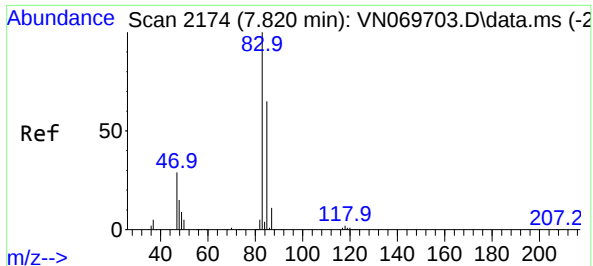
Tgt Ion: 49 Resp: 5732
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.0
130 0.0 67.8 101.8#



#29
Tetrahydrofuran
Concen: 0.291 ug/l
RT: 7.670 min Scan# 2118
Delta R.T. -0.016 min
Lab File: VN070012.D
Acq: 11 Dec 2021 16:53

Tgt Ion: 42 Resp: 2699
Ion Ratio Lower Upper
42 100
72 0.0 36.3 54.5#
71 0.0 34.7 52.1#

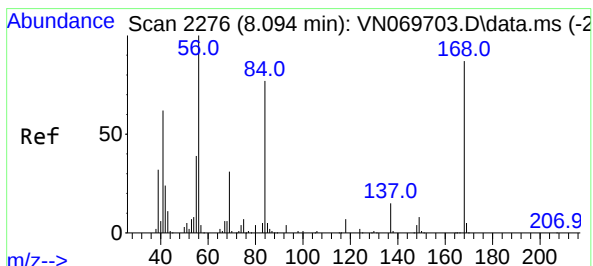
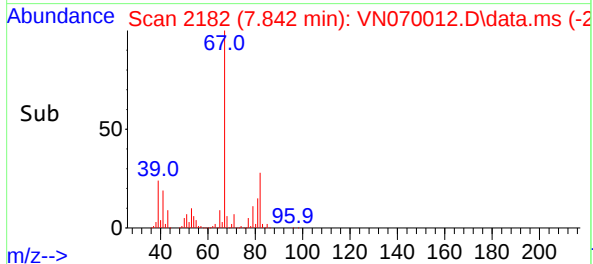
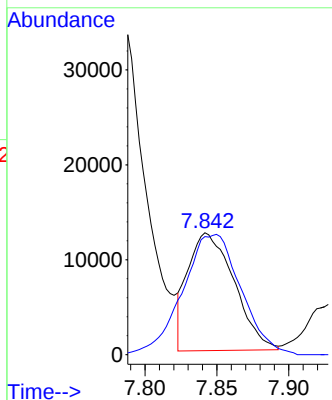
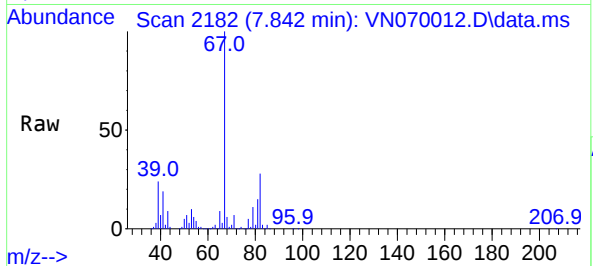




#30
Chloroform
Concen: 1.045 ug/l
RT: 7.842 min Scan# 2174
Delta R.T. 0.022 min
Lab File: VN070012.D
Acq: 11 Dec 2021 16:53

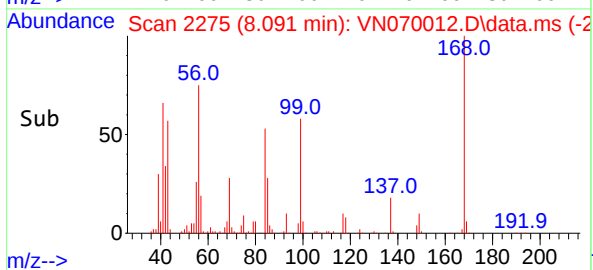
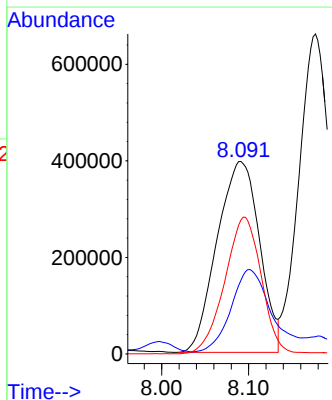
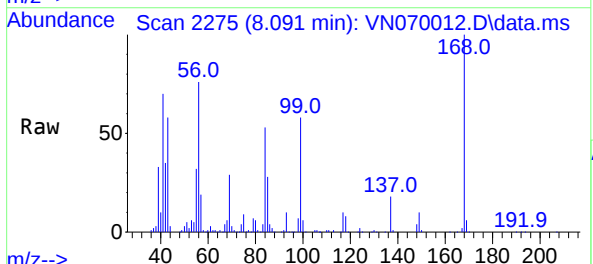
Instrument :
MSVOA_N
ClientSampleId :

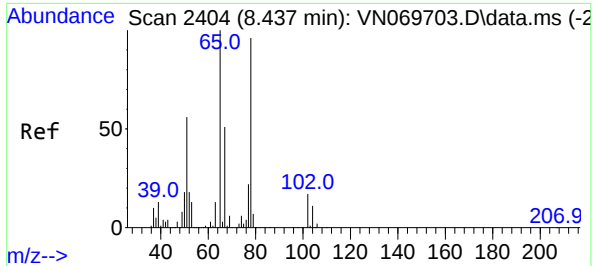
Tgt Ion: 83 Resp: 27725
Ion Ratio Lower Upper
83 100
85 98.4 51.9 77.9#



#31
Cyclohexane
Concen: 51.810 ug/l
RT: 8.091 min Scan# 2275
Delta R.T. -0.002 min
Lab File: VN070012.D
Acq: 11 Dec 2021 16:53

Tgt Ion: 56 Resp: 1345372
Ion Ratio Lower Upper
56 100
69 35.8 27.1 40.7
84 70.1 73.4 110.0#

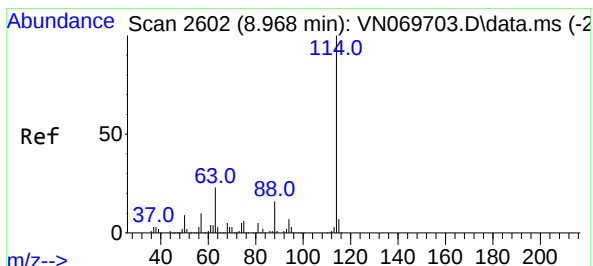
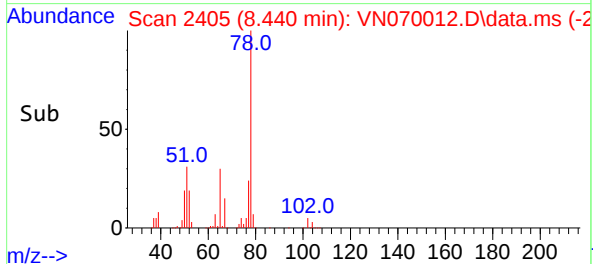
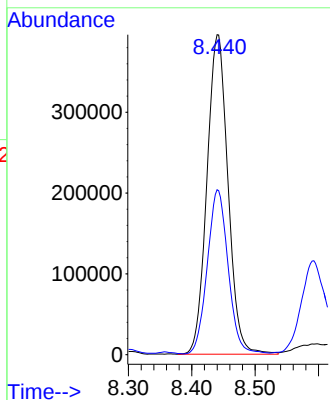
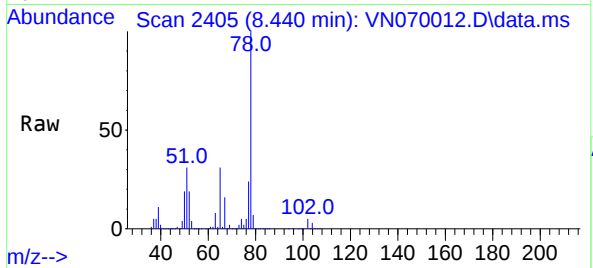




#33
1,2-Dichloroethane-d4
Concen: 48.929 ug/l
RT: 8.440 min Scan# 2404
Delta R.T. 0.003 min
Lab File: VN070012.D
Acq: 11 Dec 2021 16:53

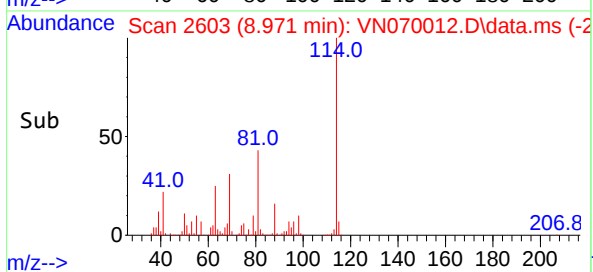
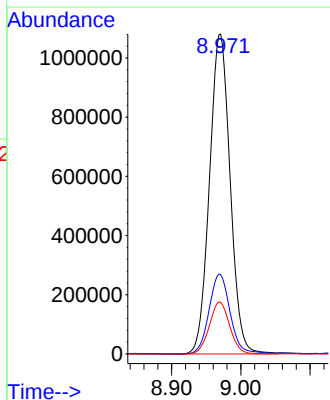
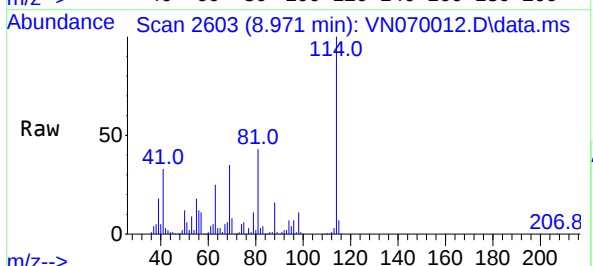
Instrument :
MSVOA_N
ClientSampleId :

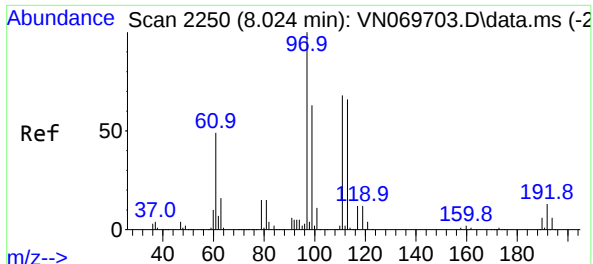
Tgt Ion: 65 Resp: 912992
Ion Ratio Lower Upper
65 100
67 50.7 0.0 103.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN070012.D
Acq: 11 Dec 2021 16:53

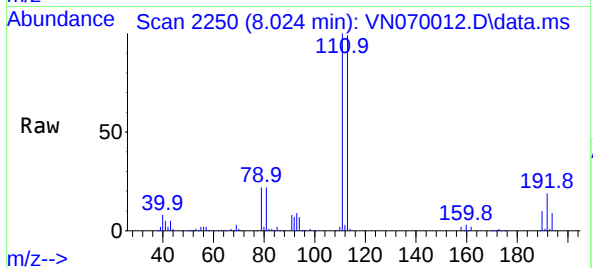
Tgt Ion: 114 Resp: 2240925
Ion Ratio Lower Upper
114 100
63 24.8 0.0 37.8
88 16.2 0.0 27.4



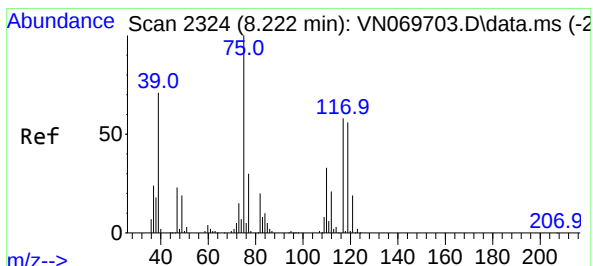
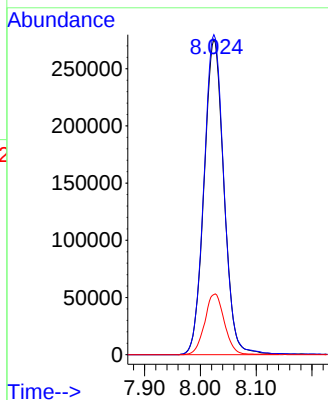
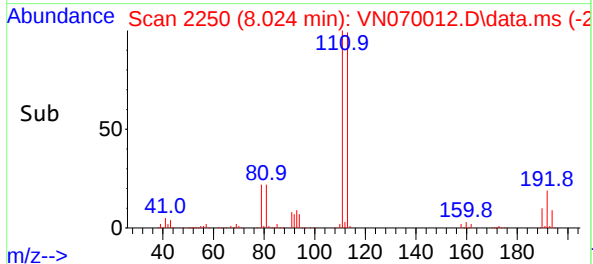


#35
Dibromofluoromethane
Concen: 48.476 ug/l
RT: 8.024 min Scan# 211
Delta R.T. 0.000 min
Lab File: VN070012.D
Acq: 11 Dec 2021 16:53

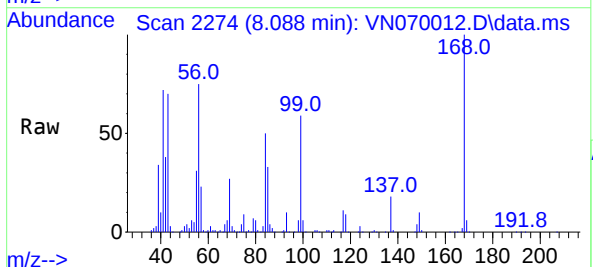
Instrument :
MSVOA_N
ClientSampleId :



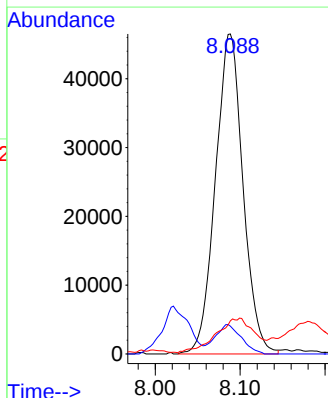
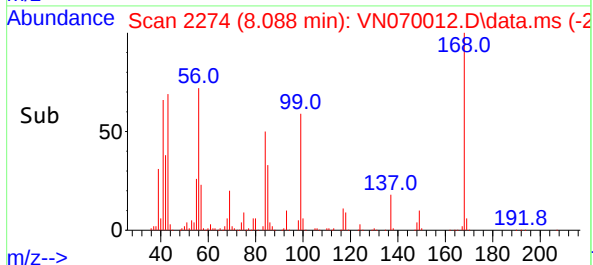
Tgt Ion:113 Resp: 680446
Ion Ratio Lower Upper
113 100
111 102.1 82.2 123.2
192 19.2 16.9 25.3

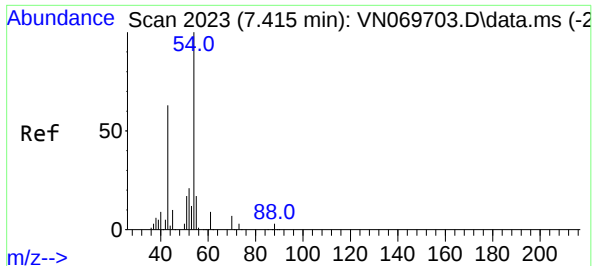


#36
1,1-Dichloropropene
Concen: 4.923 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.134 min
Lab File: VN070012.D
Acq: 11 Dec 2021 16:53



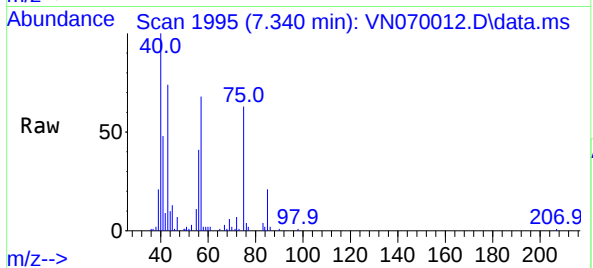
Tgt Ion: 75 Resp: 105030
Ion Ratio Lower Upper
75 100
110 8.6 18.4 55.2#
77 0.0 24.4 36.6#



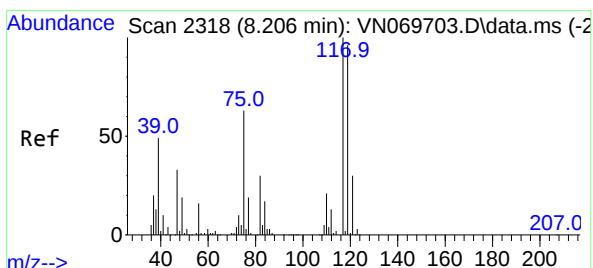
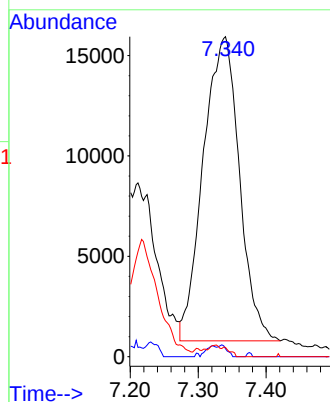
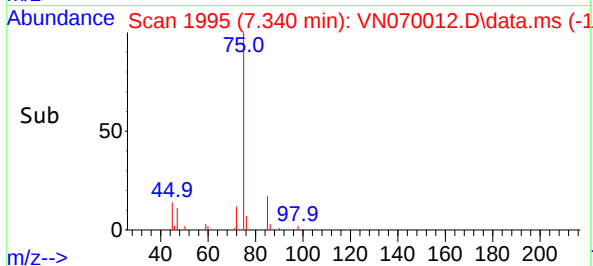


#37
Ethyl Acetate
Concen: 1.761 ug/l
RT: 7.340 min Scan# 19
Delta R.T. -0.075 min
Lab File: VN070012.D
Acq: 11 Dec 2021 16:53

Instrument :
MSVOA_N
ClientSampleId :

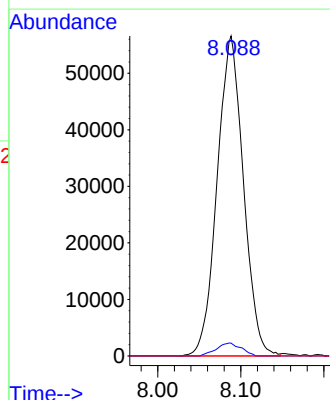
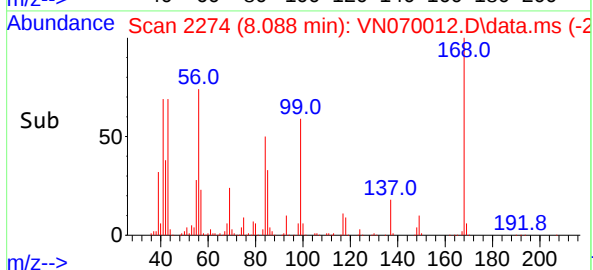
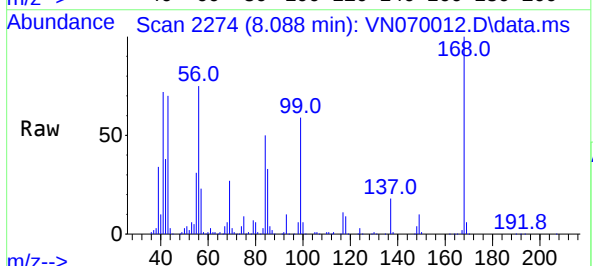


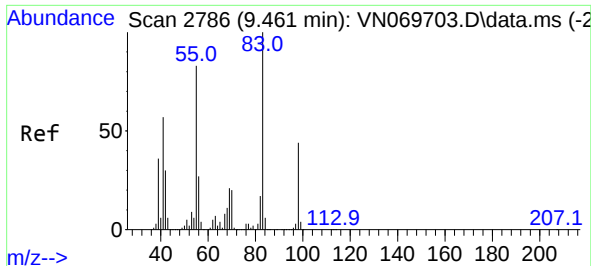
Tgt Ion: 43 Resp: 55907
Ion Ratio Lower Upper
43 100
61 1.0 11.5 17.3#
70 0.0 7.9 11.9#



#38
Carbon Tetrachloride
Concen: 5.945 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.118 min
Lab File: VN070012.D
Acq: 11 Dec 2021 16:53

Tgt Ion: 117 Resp: 124370
Ion Ratio Lower Upper
117 100
119 4.0 76.1 114.1#
121 0.0 24.2 36.2#

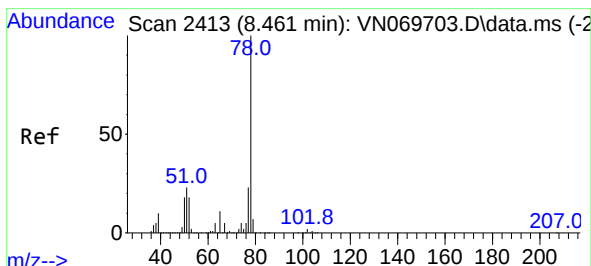
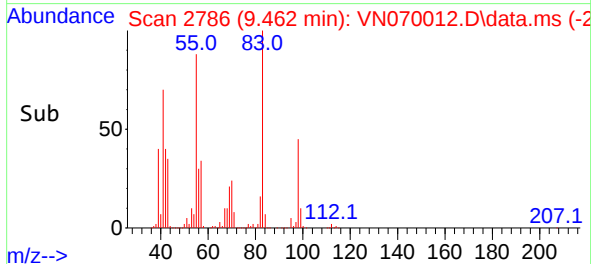
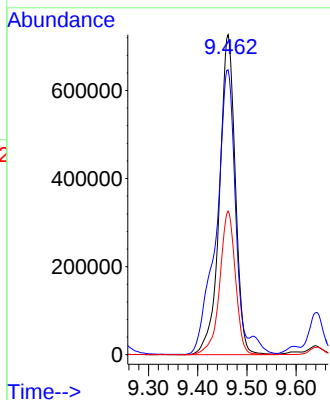
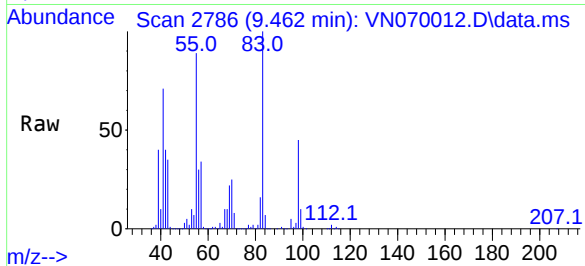




#39
Methylcyclohexane
Concen: 64.149 ug/l
RT: 9.462 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN070012.D
Acq: 11 Dec 2021 16:53

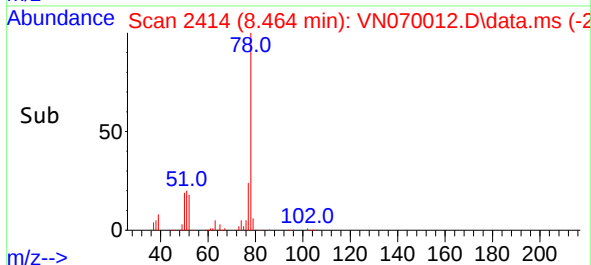
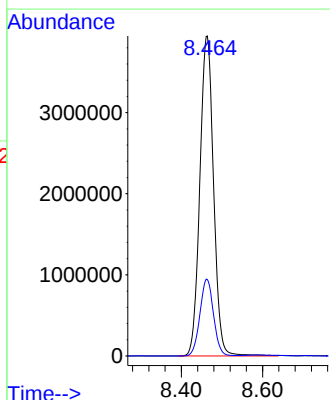
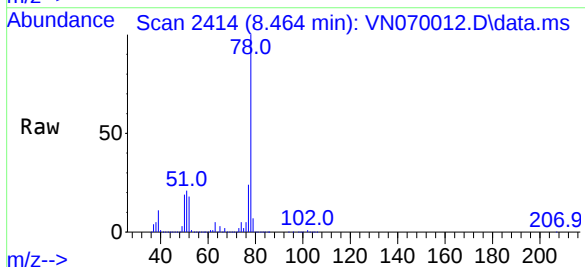
Instrument :
MSVOA_N
ClientSampleId :

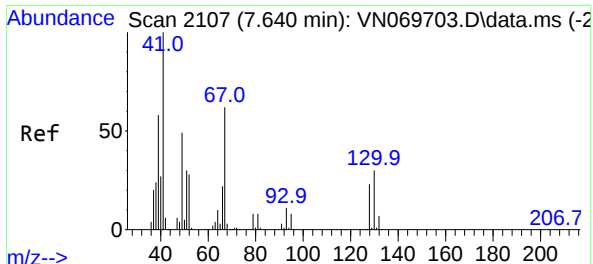
Tgt Ion: 83 Resp: 1627793
Ion Ratio Lower Upper
83 100
55 88.9 58.1 87.1#
98 44.9 38.4 57.6



#40
Benzene
Concen: 141.743 ug/l
RT: 8.464 min Scan# 2414
Delta R.T. 0.003 min
Lab File: VN070012.D
Acq: 11 Dec 2021 16:53

Tgt Ion: 78 Resp: 9242576
Ion Ratio Lower Upper
78 100
77 23.9 18.6 27.8





#41

Methacrylonitrile

Concen: 2.555 ug/l

RT: 7.678 min Scan# 2107

Delta R.T. 0.038 min

Lab File: VN070012.D

Acq: 11 Dec 2021 16:53

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion: 41 Resp: 38078

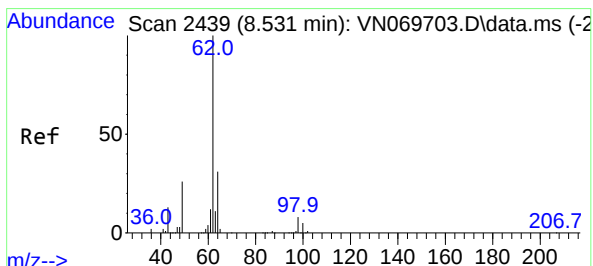
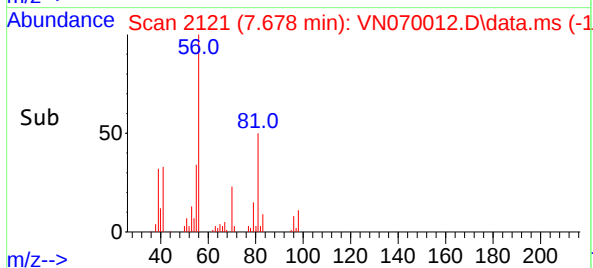
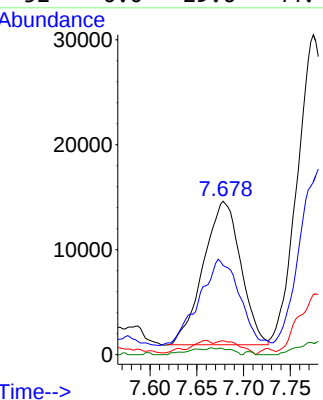
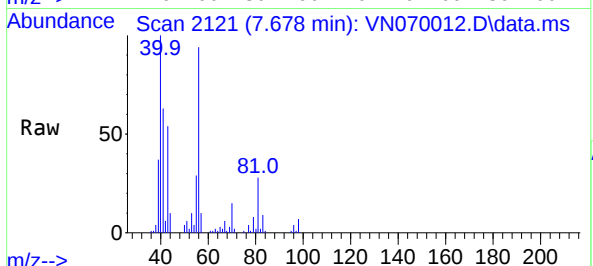
Ion Ratio Lower Upper

41 100

39 60.5 48.1 72.1

67 0.0 68.3 102.5#

52 0.0 29.6 44.4#



#42

1,2-Dichloroethane

Concen: 3.575 ug/l

RT: 8.461 min Scan# 2413

Delta R.T. -0.070 min

Lab File: VN070012.D

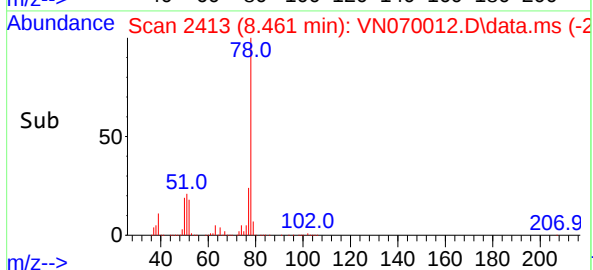
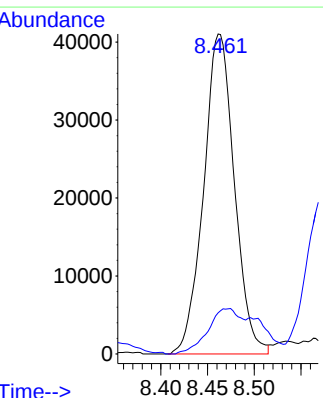
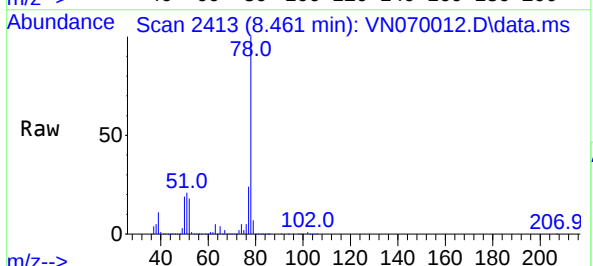
Acq: 11 Dec 2021 16:53

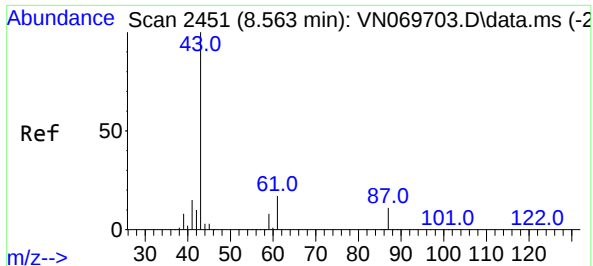
Tgt Ion: 62 Resp: 94092

Ion Ratio Lower Upper

62 100

98 15.6 0.0 17.6

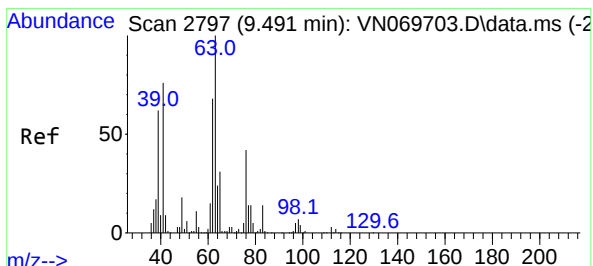
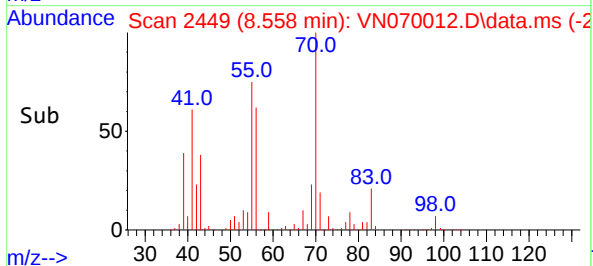
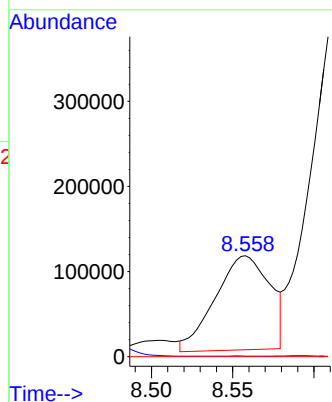
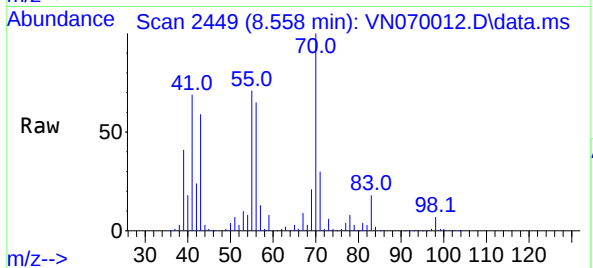




#43
Isopropyl Acetate
Concen: 5.522 ug/l
RT: 8.558 min Scan# 2451
Delta R.T. -0.005 min
Lab File: VN070012.D
Acq: 11 Dec 2021 16:53

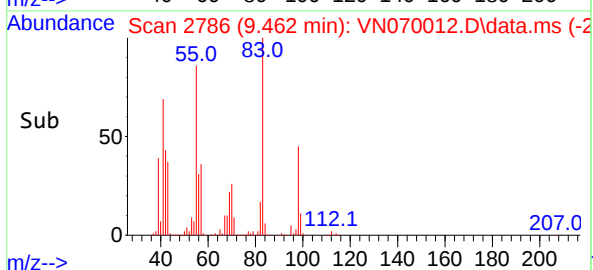
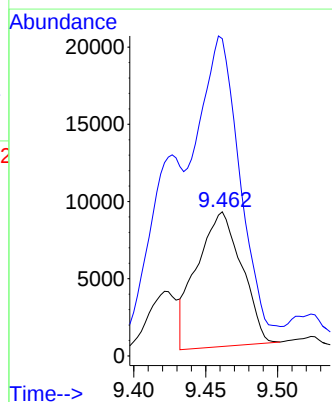
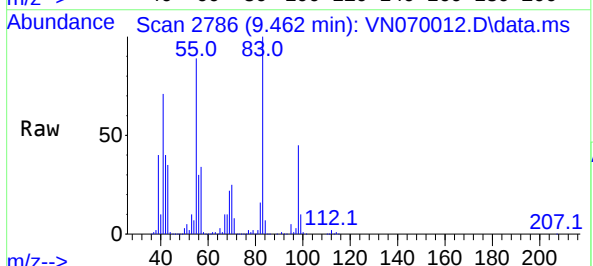
Instrument :
MSVOA_N
ClientSampleId :

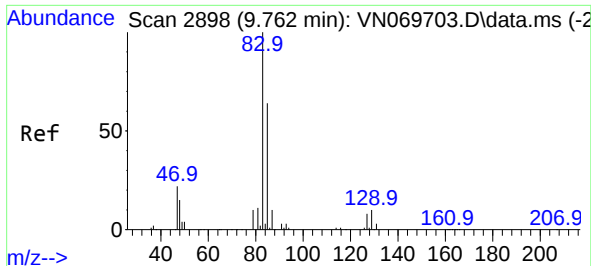
Tgt Ion: 43 Resp: 259482
Ion Ratio Lower Upper
43 100
61 0.0 20.4 30.6#
87 0.0 11.2 16.8#



#45
1,2-Dichloropropane
Concen: 1.078 ug/l
RT: 9.462 min Scan# 2786
Delta R.T. -0.029 min
Lab File: VN070012.D
Acq: 11 Dec 2021 16:53

Tgt Ion: 63 Resp: 18870
Ion Ratio Lower Upper
63 100
65 221.0 24.7 37.1#

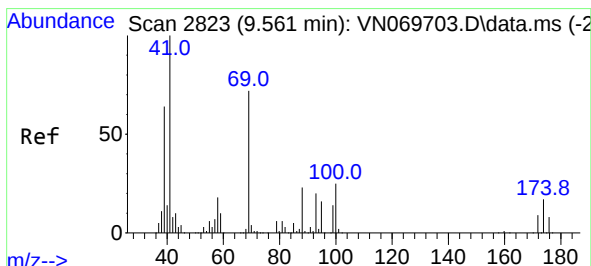
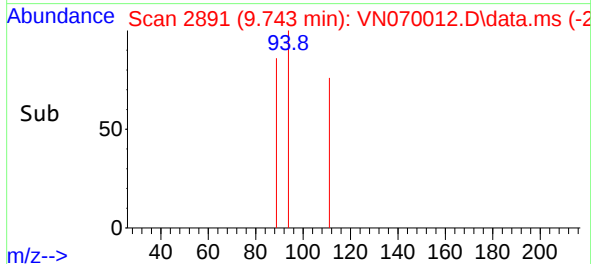
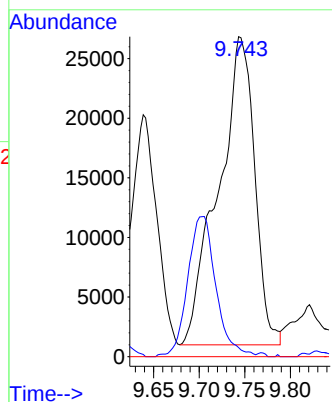
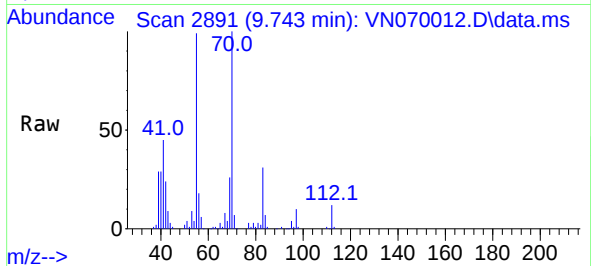




#47
Bromodichloromethane
Concen: 3.291 ug/l
RT: 9.743 min Scan# 2891
Delta R.T. -0.019 min
Lab File: VN070012.D
Acq: 11 Dec 2021 16:53

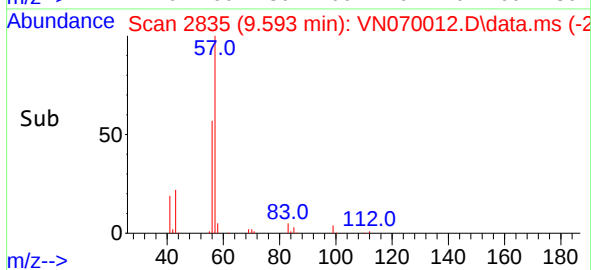
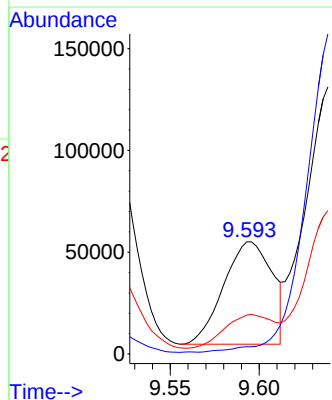
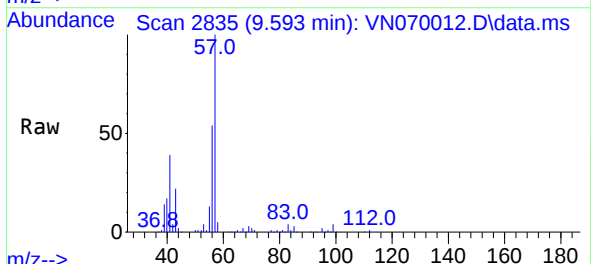
Instrument :
MSVOA_N
ClientSampleId :

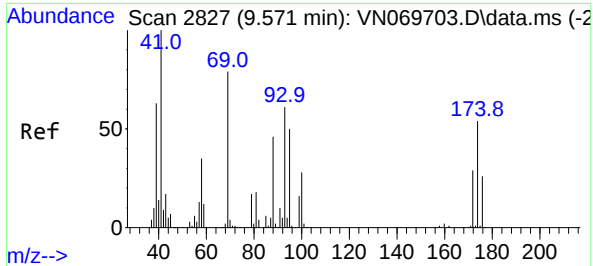
Tgt Ion: 83 Resp: 71563
Ion Ratio Lower Upper
83 100
85 2.9 50.9 76.3#
127 0.0 7.1 10.7#



#48
Methyl methacrylate
Concen: 4.344 ug/l
RT: 9.593 min Scan# 2835
Delta R.T. 0.032 min
Lab File: VN070012.D
Acq: 11 Dec 2021 16:53

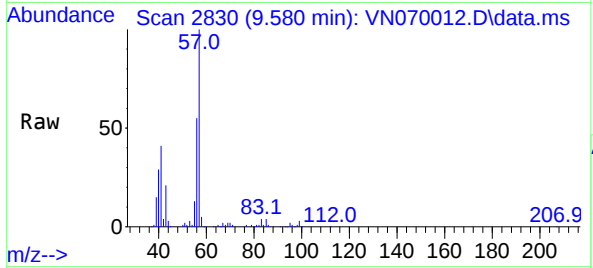
Tgt Ion: 41 Resp: 95243
Ion Ratio Lower Upper
41 100
69 0.0 72.4 108.6#
39 33.3 58.4 87.6#



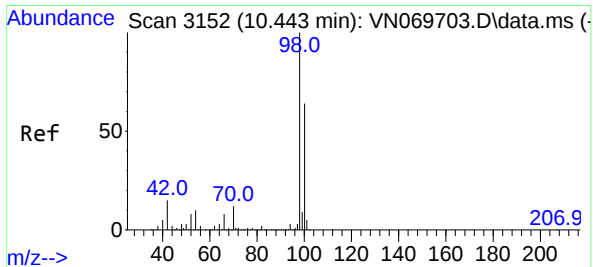
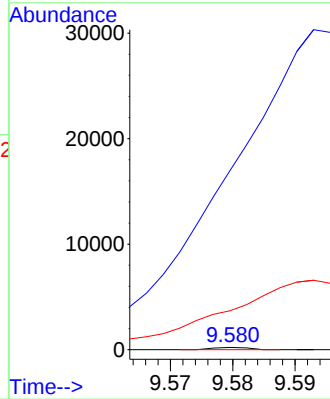
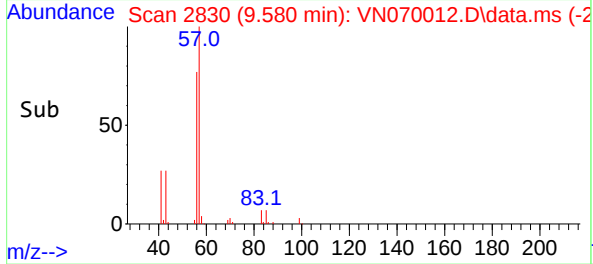


#49
1,4-Dioxane
Concen: 0.221 ug/l
RT: 9.580 min Scan# 21
Delta R.T. 0.008 min
Lab File: VN070012.D
Acq: 11 Dec 2021 16:53

Instrument :
MSVOA_N
ClientSampleId :

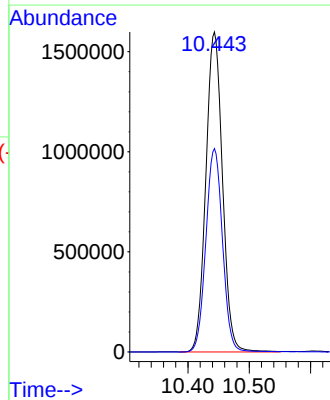
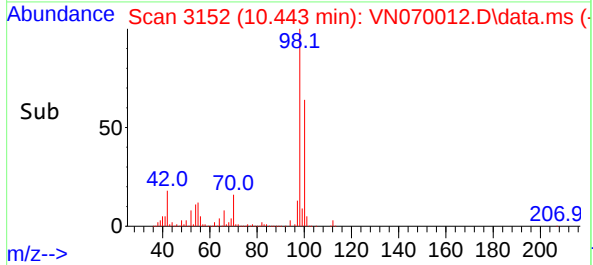
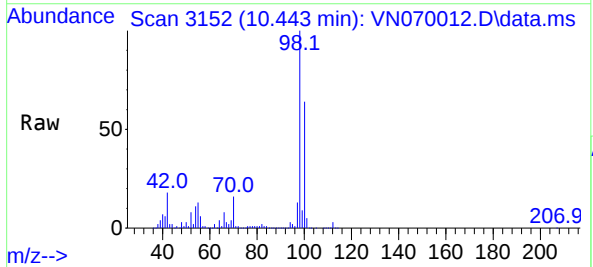


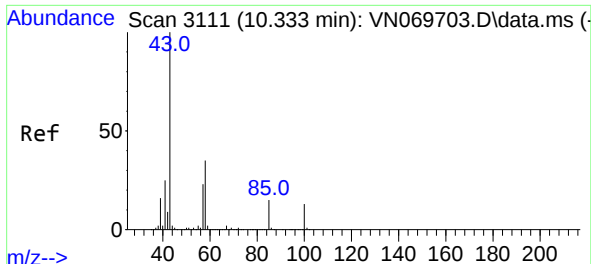
Tgt Ion: 88 Resp: 87
Ion Ratio Lower Upper
88 100
43 60264.4 23.4 35.2#
58 15125.3 50.6 75.8#



#50
Toluene-d8
Concen: 53.462 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN070012.D
Acq: 11 Dec 2021 16:53

Tgt Ion: 98 Resp: 3013231
Ion Ratio Lower Upper
98 100
100 63.7 50.4 75.6

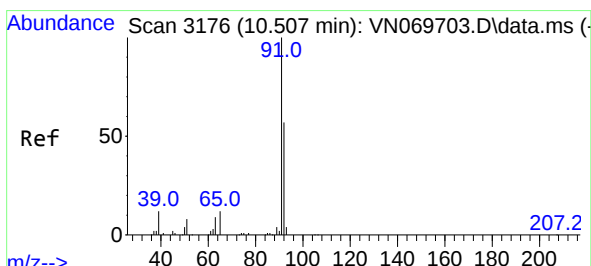
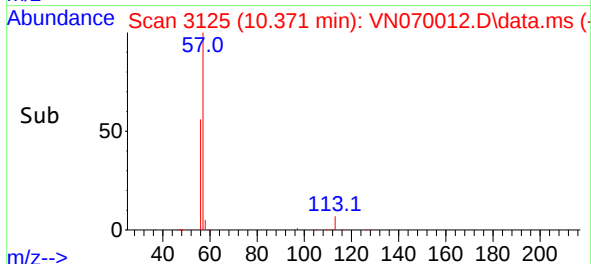
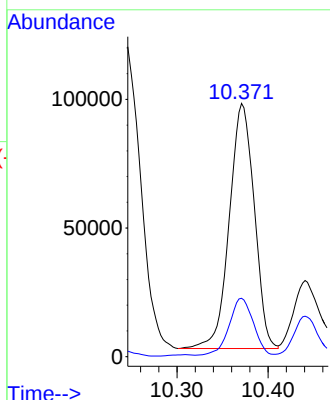
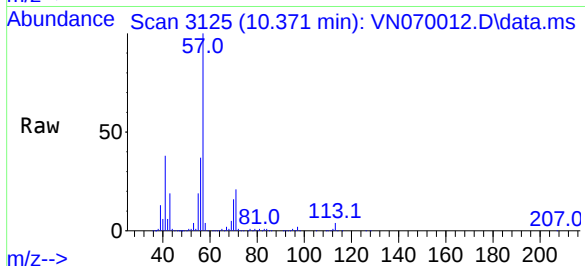




#51
4-Methyl-2-Pentanone
Concen: 5.950 ug/l
RT: 10.371 min Scan# 3111
Delta R.T. 0.038 min
Lab File: VN070012.D
Acq: 11 Dec 2021 16:53

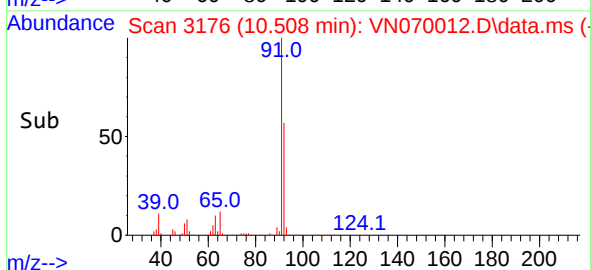
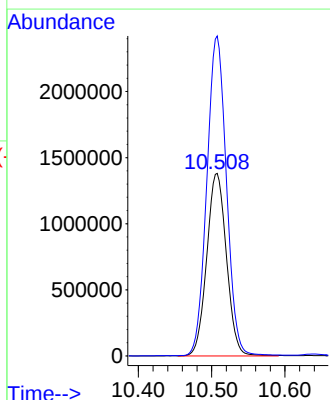
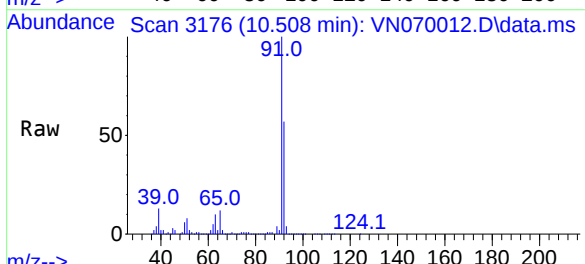
Instrument :
MSVOA_N
ClientSampleId :

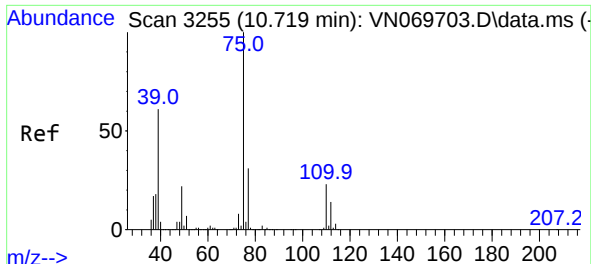
Tgt Ion: 43 Resp: 181356
Ion Ratio Lower Upper
43 100
58 23.1 30.4 45.6#



#52
Toluene
Concen: 64.716 ug/l
RT: 10.508 min Scan# 3176
Delta R.T. 0.000 min
Lab File: VN070012.D
Acq: 11 Dec 2021 16:53

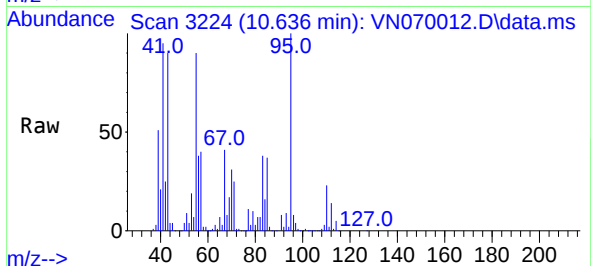
Tgt Ion: 92 Resp: 2576314
Ion Ratio Lower Upper
92 100
91 174.1 142.0 213.0



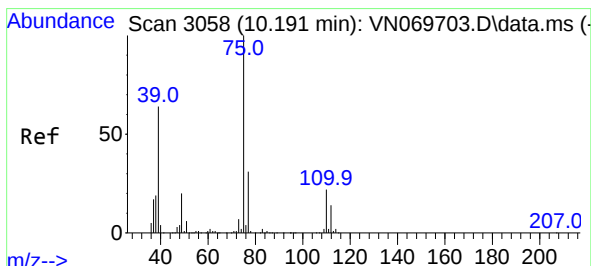
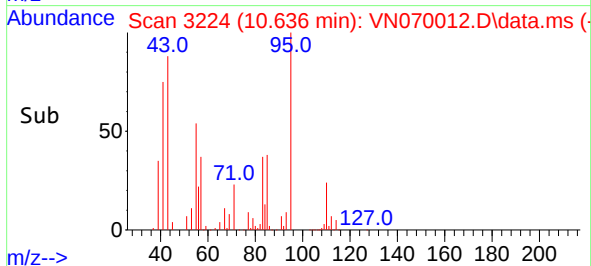
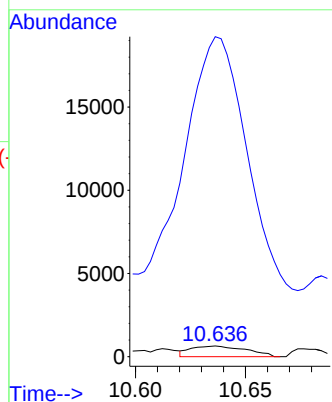


#53
t-1,3-Dichloropropene
Concen: 2.835 ug/l
RT: 10.636 min Scan# 3110
Delta R.T. -0.083 min
Lab File: VN070012.D
Acq: 11 Dec 2021 16:53

Instrument :
MSVOA_N
ClientSampleId :

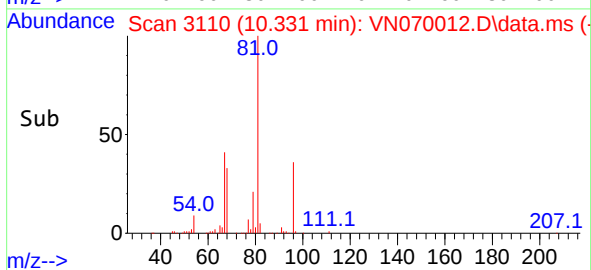
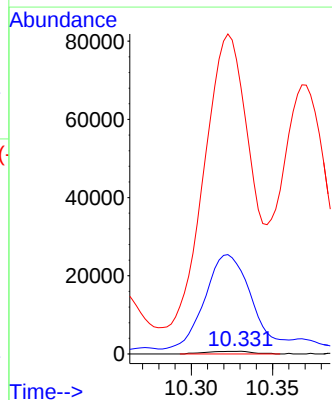
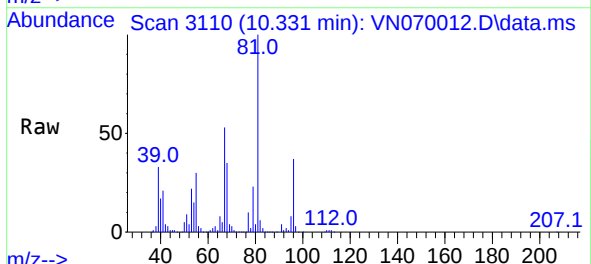


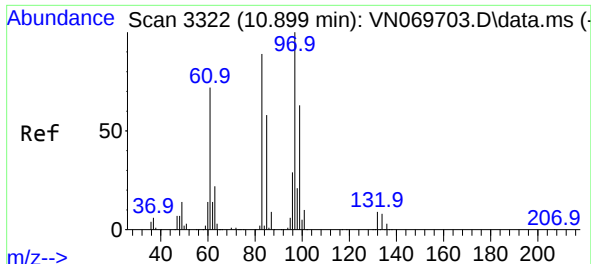
Tgt Ion: 75 Resp: 1121
Ion Ratio Lower Upper
75 100
77 2230.3 25.6 38.4#



#54
cis-1,3-Dichloropropene
Concen: 2.045 ug/l
RT: 10.331 min Scan# 3110
Delta R.T. 0.140 min
Lab File: VN070012.D
Acq: 11 Dec 2021 16:53

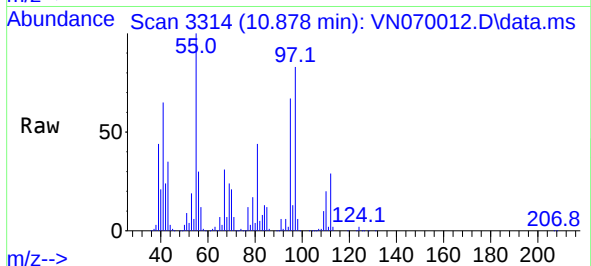
Tgt Ion: 75 Resp: 1329
Ion Ratio Lower Upper
75 100
77 2731.1 26.4 39.6#
39 8222.2 42.5 63.7#



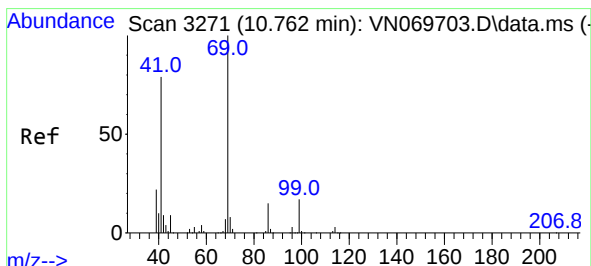
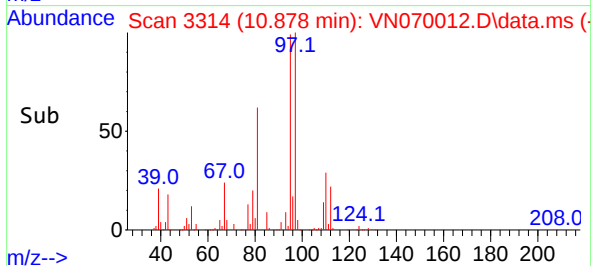
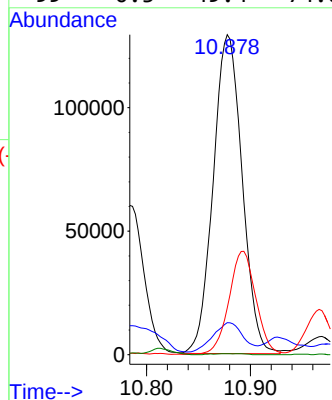


#55
1,1,2-Trichloroethane
Concen: 15.575 ug/l
RT: 10.878 min Scan# 31
Delta R.T. -0.021 min
Lab File: VN070012.D
Acq: 11 Dec 2021 16:53

Instrument :
MSVOA_N
ClientSampleId :

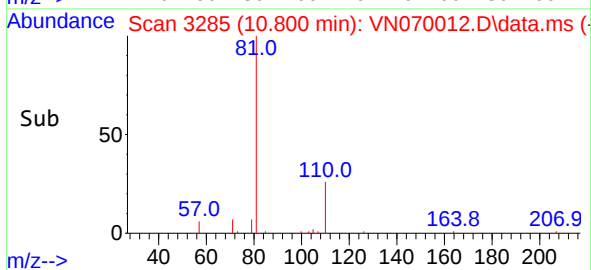
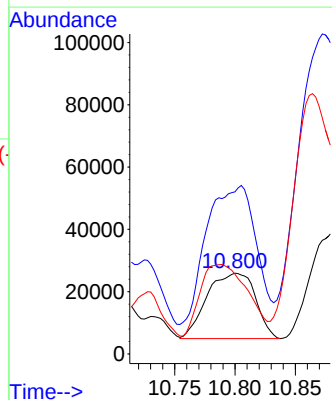
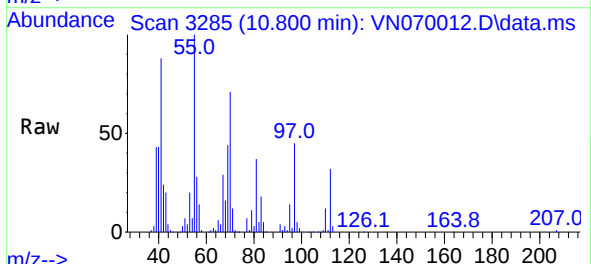


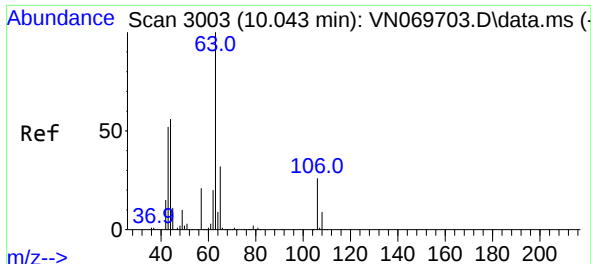
Tgt Ion: 97 Resp: 250172
Ion Ratio Lower Upper
97 100
83 8.9 67.8 101.6#
85 14.5 45.4 68.2#
99 0.3 49.4 74.0#



#56
Ethyl methacrylate
Concen: 4.117 ug/l
RT: 10.800 min Scan# 3285
Delta R.T. 0.038 min
Lab File: VN070012.D
Acq: 11 Dec 2021 16:53

Tgt Ion: 69 Resp: 58367
Ion Ratio Lower Upper
69 100
41 223.5 51.4 77.0#
39 106.9 34.6 52.0#

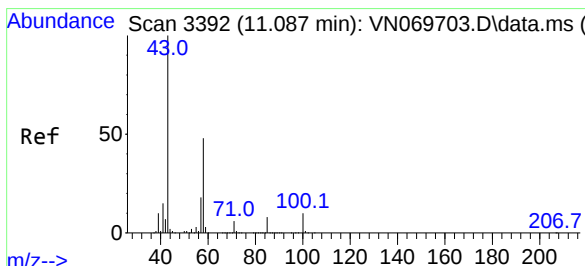
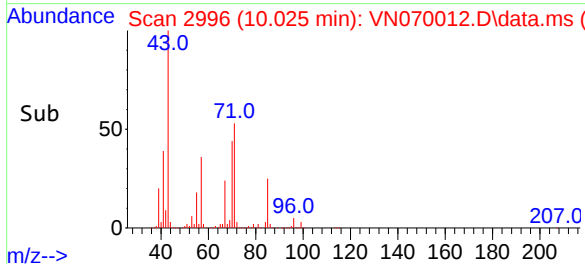
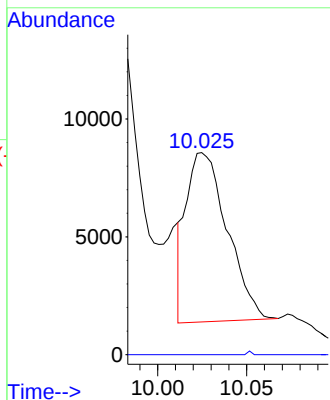
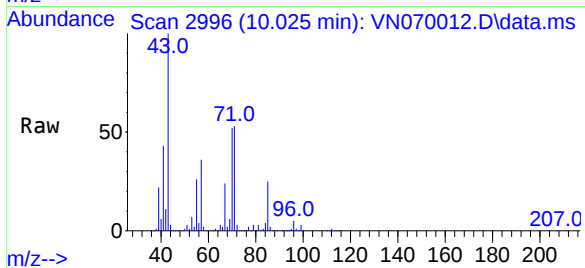




#58
2-Chloroethyl Vinyl ether
Concen: 19.693 ug/l
RT: 10.025 min Scan# 2996
Delta R.T. -0.018 min
Lab File: VN070012.D
Acq: 11 Dec 2021 16:53

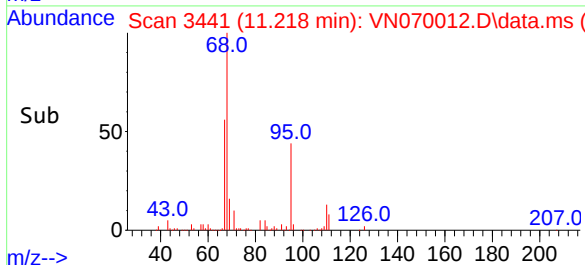
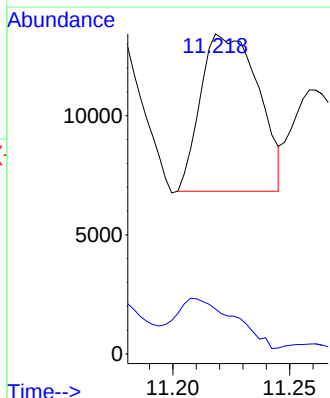
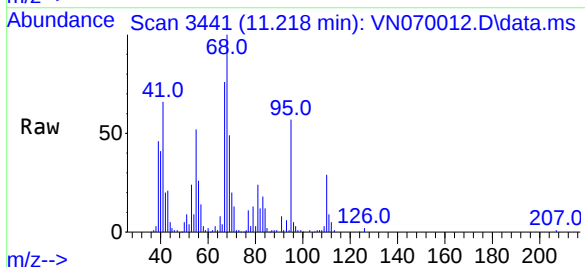
Instrument :
MSVOA_N
ClientSampleId :

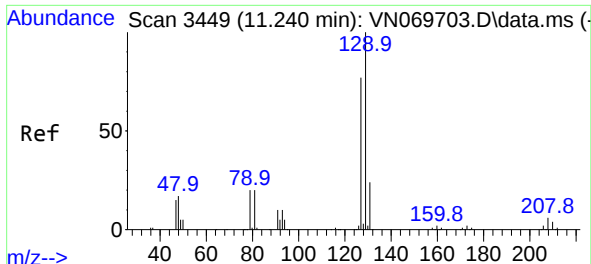
Tgt Ion: 63 Resp: 11520
Ion Ratio Lower Upper
63 100
106 0.0 23.9 35.9#



#59
2-Hexanone
Concen: 0.492 ug/l
RT: 11.218 min Scan# 3441
Delta R.T. 0.131 min
Lab File: VN070012.D
Acq: 11 Dec 2021 16:53

Tgt Ion: 43 Resp: 11352
Ion Ratio Lower Upper
43 100
58 31.0 26.9 80.7

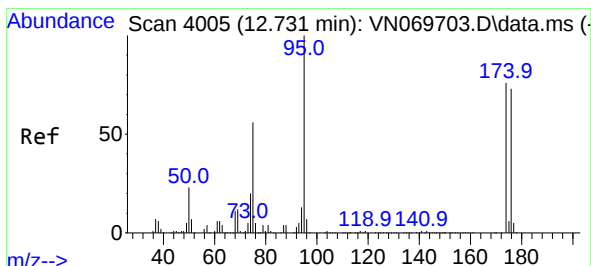
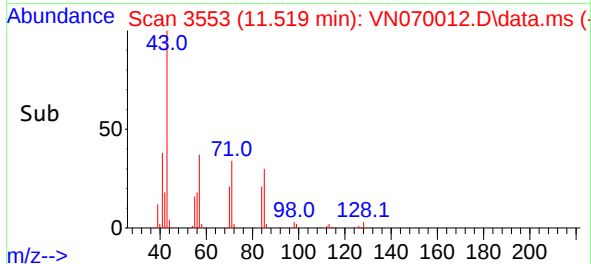
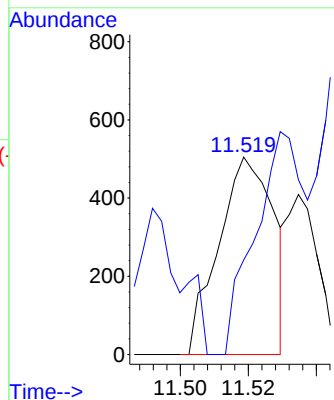
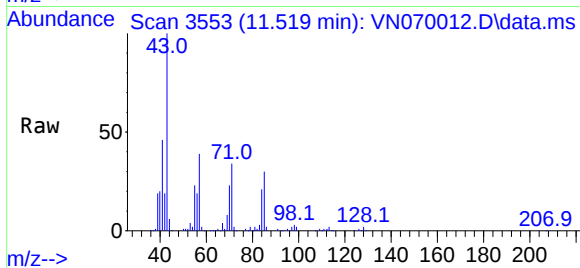




#60
Dibromochloromethane
Concen: 2.407 ug/l
RT: 11.519 min Scan# 31
Delta R.T. 0.279 min
Lab File: VN070012.D
Acq: 11 Dec 2021 16:53

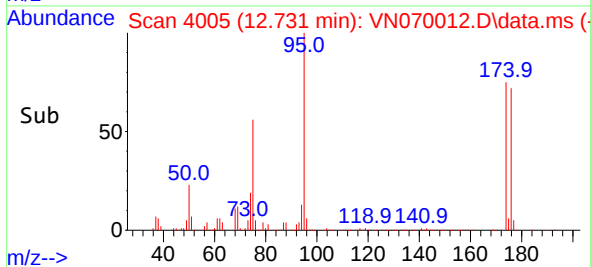
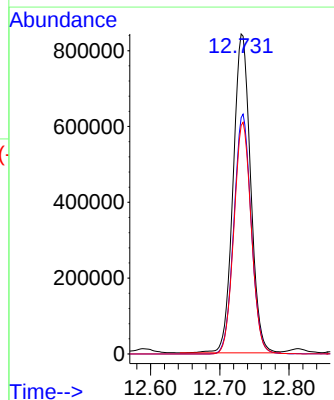
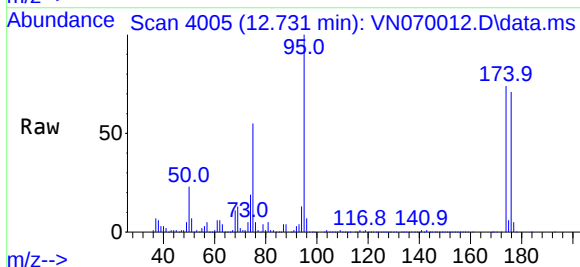
Instrument :
MSVOA_N
ClientSampleId :

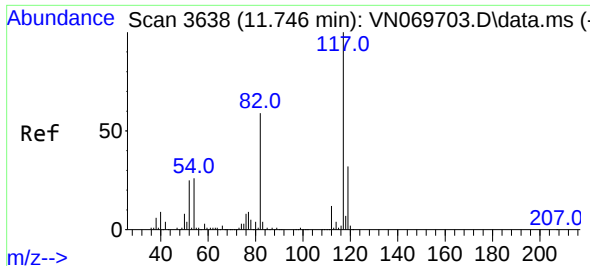
Tgt Ion:129 Resp: 563
Ion Ratio Lower Upper
129 100
127 75.8 38.6 116.0



#62
4-Bromofluorobenzene
Concen: 72.150 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070012.D
Acq: 11 Dec 2021 16:53

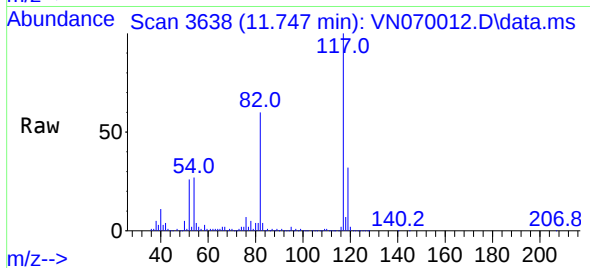
Tgt Ion: 95 Resp: 1473214
Ion Ratio Lower Upper
95 100
174 74.4 0.0 187.2
176 72.3 0.0 181.4





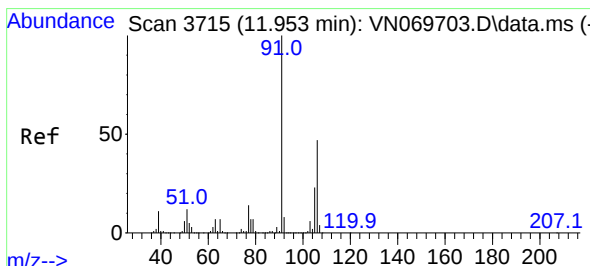
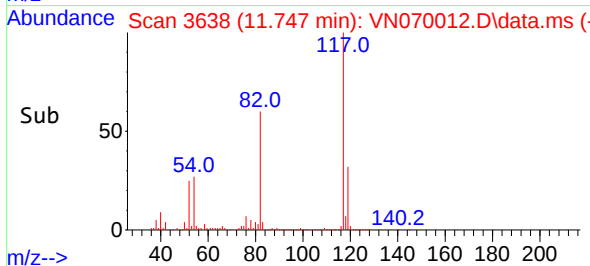
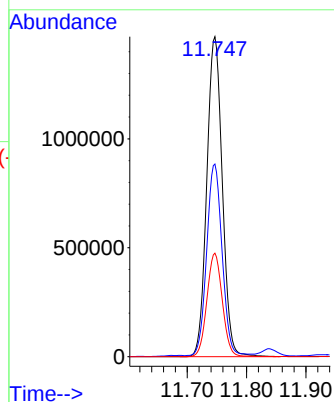
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. 0.001 min
Lab File: VN070012.D
Acq: 11 Dec 2021 16:53

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:117 Resp: 2656807

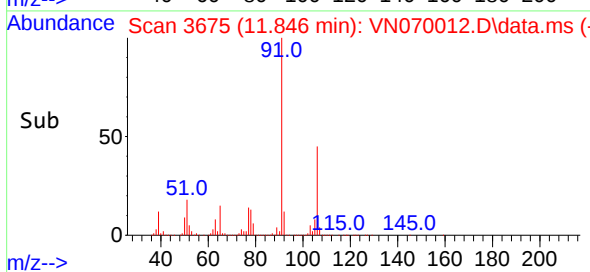
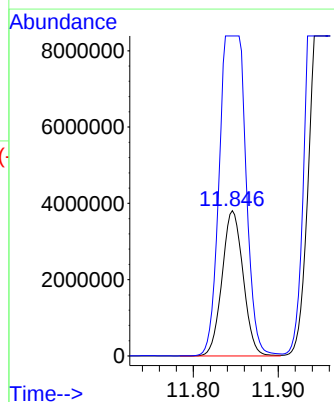
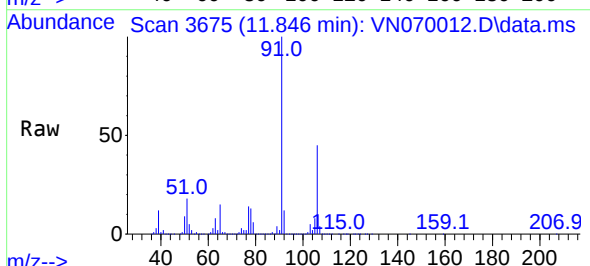
Ion	Ratio	Lower	Upper
117	100		
82	59.8	42.4	63.6
119	32.3	25.4	38.2

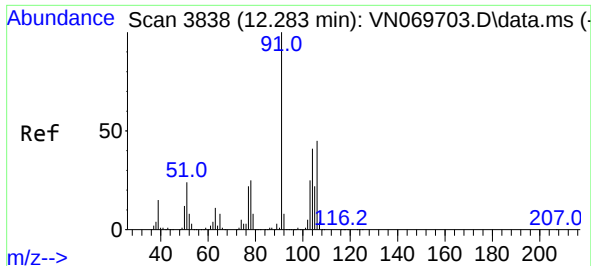


#68
m/p-Xylenes
Concen: 184.089 ug/l
RT: 11.846 min Scan# 3675
Delta R.T. -0.107 min
Lab File: VN070012.D
Acq: 11 Dec 2021 16:53

Tgt Ion:106 Resp: 6562447

Ion	Ratio	Lower	Upper
106	100		
91	0.0	160.6	240.8#

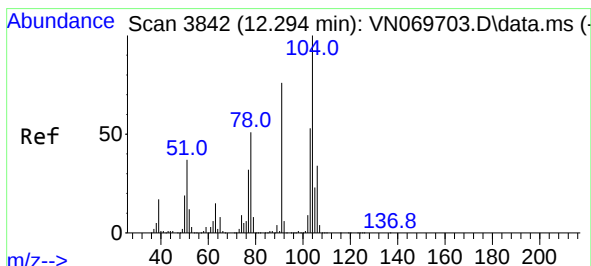
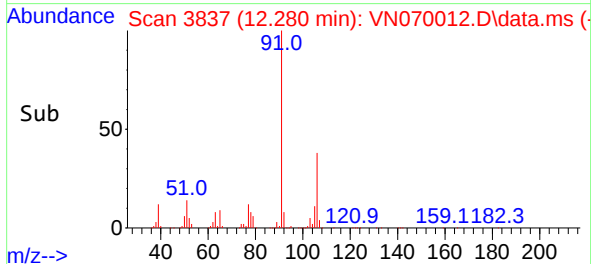
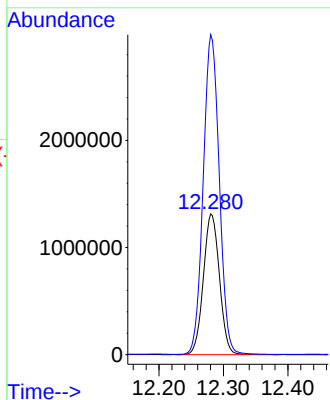
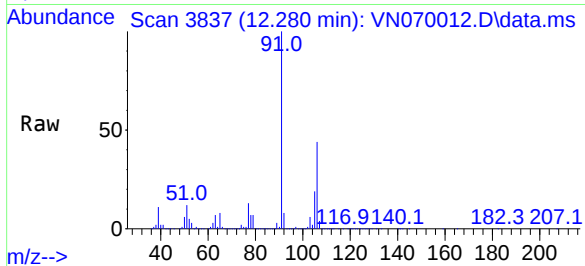




#69
o-Xylene
Concen: 63.165 ug/l
RT: 12.280 min Scan# 3837
Delta R.T. -0.002 min
Lab File: VN070012.D
Acq: 11 Dec 2021 16:53

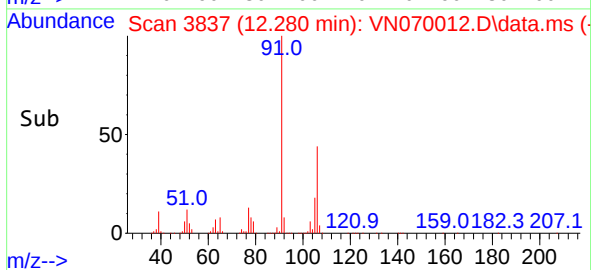
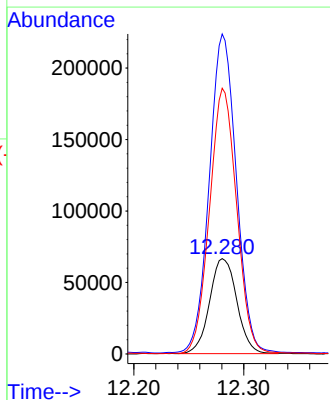
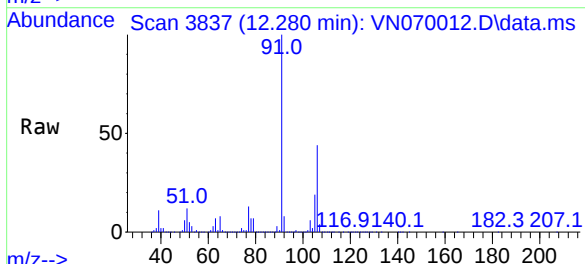
Instrument :
MSVOA_N
ClientSampleId :

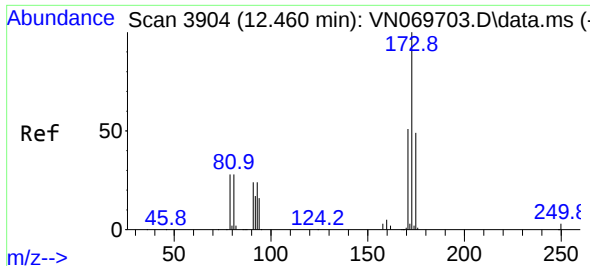
Tgt Ion:106 Resp: 2268114
Ion Ratio Lower Upper
106 100
91 227.1 105.8 317.3



#70
Styrene
Concen: 2.009 ug/l
RT: 12.280 min Scan# 3837
Delta R.T. -0.014 min
Lab File: VN070012.D
Acq: 11 Dec 2021 16:53

Tgt Ion:104 Resp: 114393
Ion Ratio Lower Upper
104 100
78 333.3 38.7 58.1#
103 279.2 45.0 67.6#

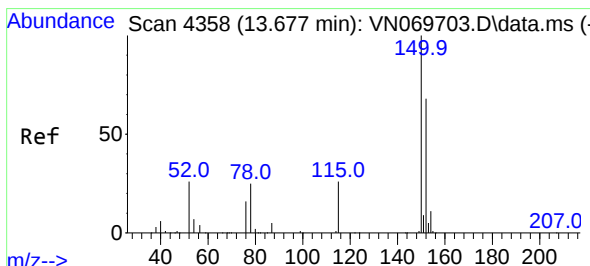
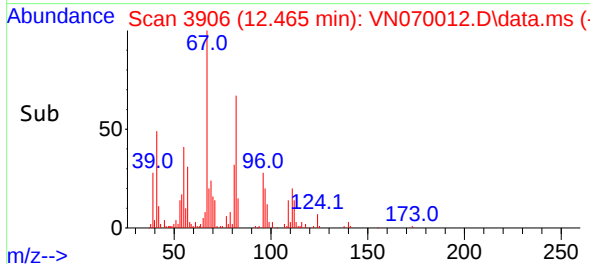
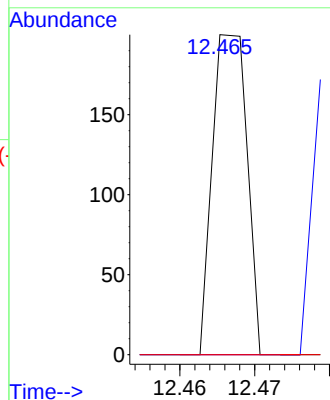
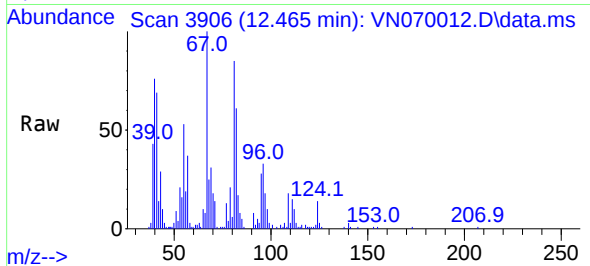




#71
Bromoform
Concen: 2.735 ug/l
RT: 12.465 min Scan# 3904
Delta R.T. 0.005 min
Lab File: VN070012.D
Acq: 11 Dec 2021 16:53

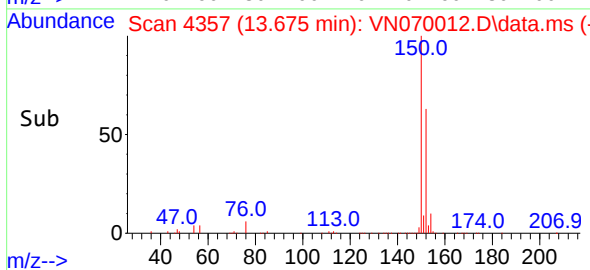
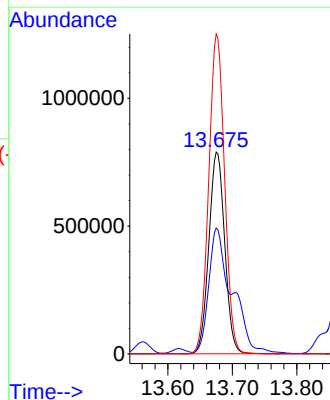
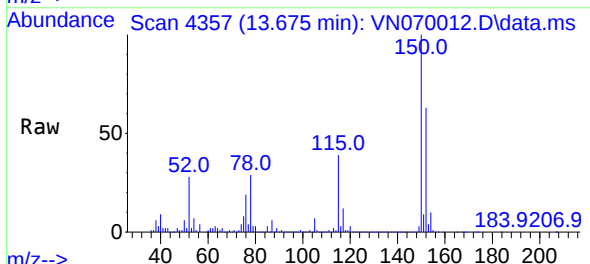
Instrument :
MSVOA_N
ClientSampleId :

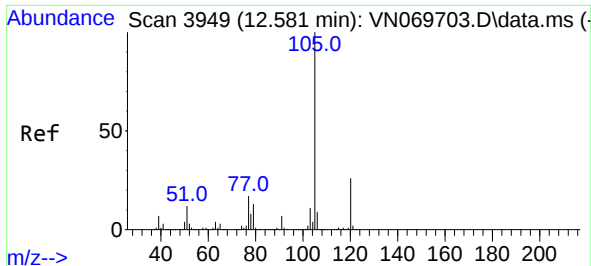
Tgt Ion:173 Resp: 64
Ion Ratio Lower Upper
173 100
175 0.0 24.2 72.6#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. -0.002 min
Lab File: VN070012.D
Acq: 11 Dec 2021 16:53

Tgt Ion:152 Resp: 1354291
Ion Ratio Lower Upper
152 100
115 66.3 27.5 82.5
150 157.9 0.0 344.4

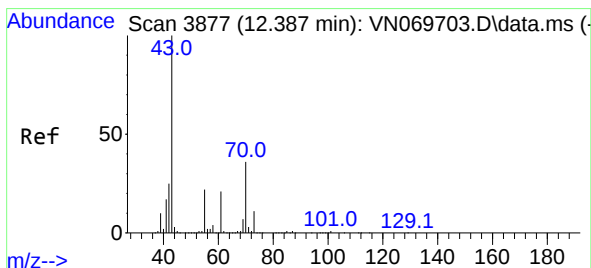
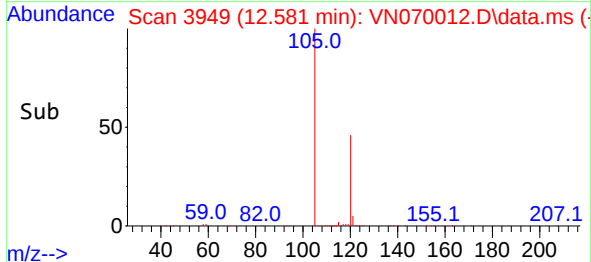
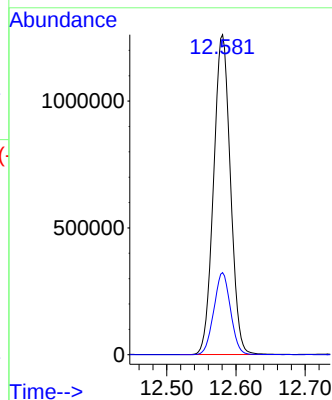
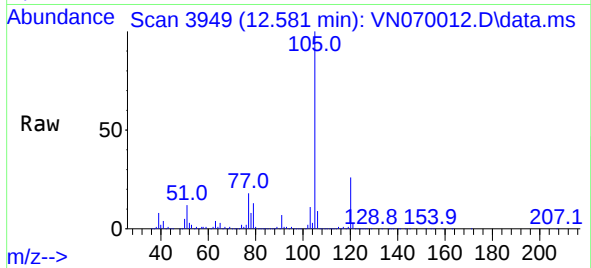




#73
Isopropylbenzene
Concen: 17.653 ug/l
RT: 12.581 min Scan# 3949
Delta R.T. 0.000 min
Lab File: VN070012.D
Acq: 11 Dec 2021 16:53

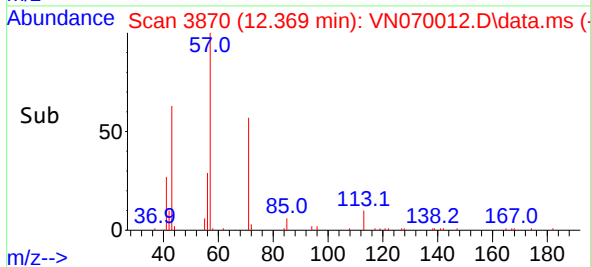
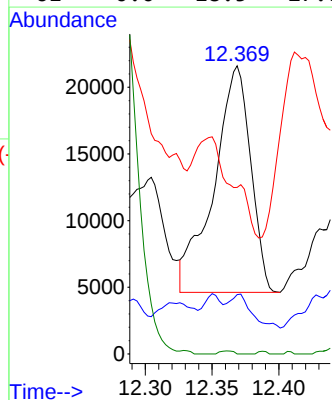
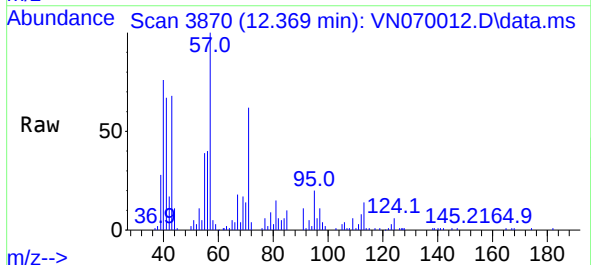
Instrument :
MSVOA_N
ClientSampleId :

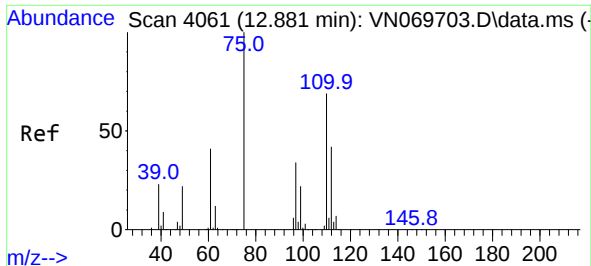
Tgt Ion:105 Resp: 2127084
Ion Ratio Lower Upper
105 100
120 25.5 13.4 40.1



#74
N-ethyl acetate
Concen: 0.609 ug/l
RT: 12.369 min Scan# 3870
Delta R.T. -0.019 min
Lab File: VN070012.D
Acq: 11 Dec 2021 16:53

Tgt Ion: 43 Resp: 32464
Ion Ratio Lower Upper
43 100
70 8.4 33.4 50.0#
55 0.0 19.3 28.9#
61 0.0 18.5 27.7#

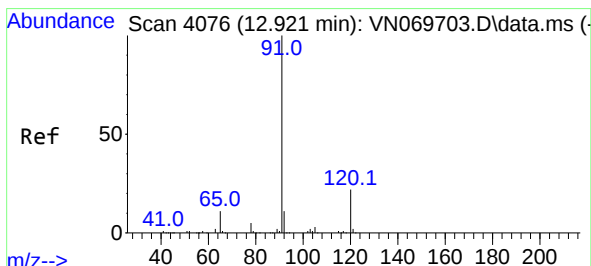
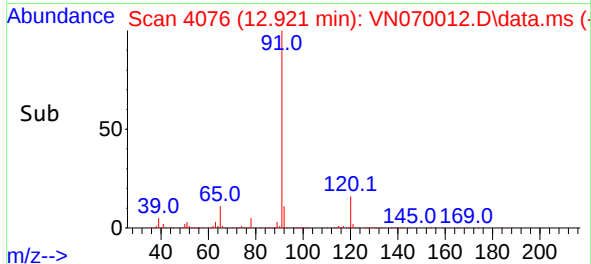
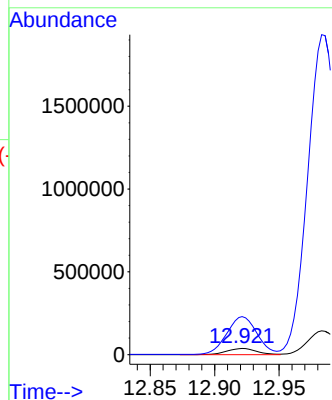
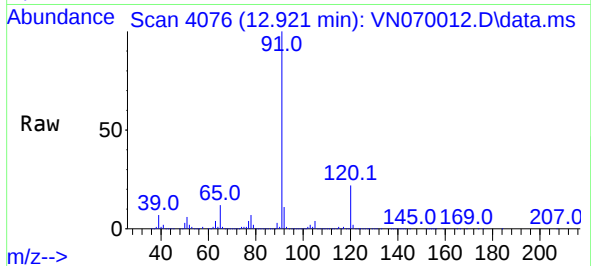




#76
1,2,3-Trichloropropane
Concen: 1.546 ug/l
RT: 12.921 min Scan# 4076
Delta R.T. 0.040 min
Lab File: VN070012.D
Acq: 11 Dec 2021 16:53

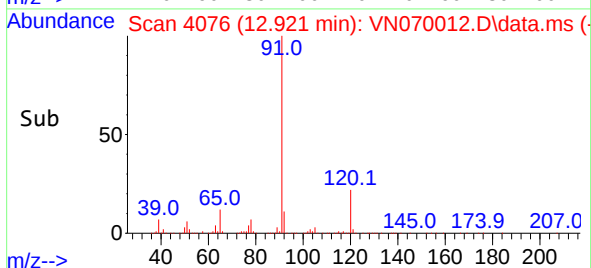
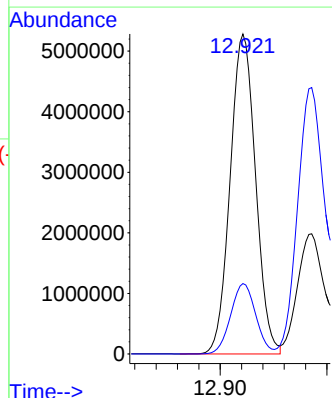
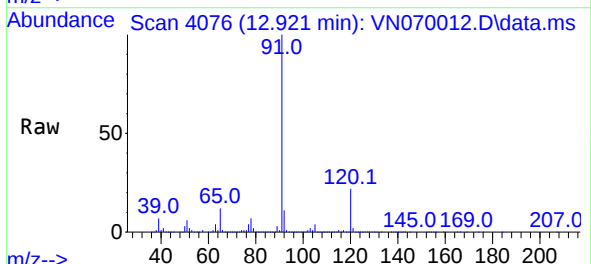
Instrument :
MSVOA_N
ClientSampleId :

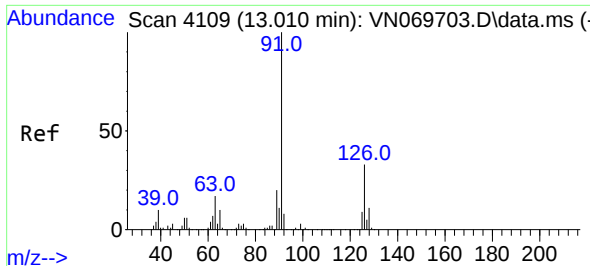
Tgt Ion: 75 Resp: 60061
Ion Ratio Lower Upper
75 100
77 614.9 82.6 247.8#



#78
n-propylbenzene
Concen: 65.022 ug/l
RT: 12.921 min Scan# 4076
Delta R.T. 0.000 min
Lab File: VN070012.D
Acq: 11 Dec 2021 16:53

Tgt Ion: 91 Resp: 8718418
Ion Ratio Lower Upper
91 100
120 21.8 11.9 35.9

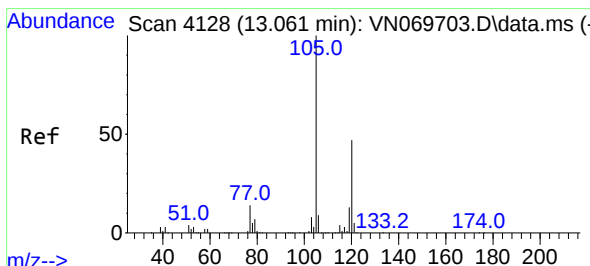
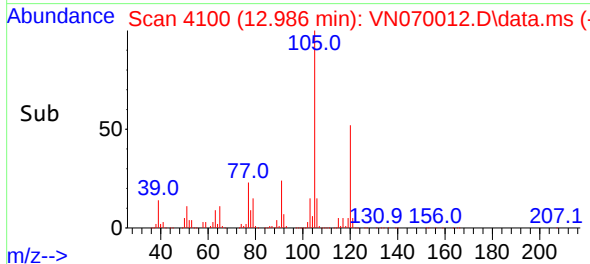
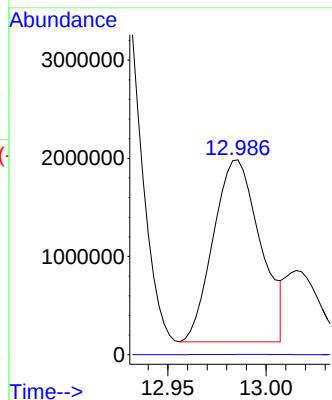
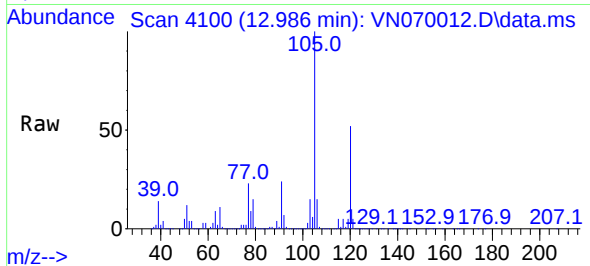




#79
2-Chlorotoluene
Concen: 36.436 ug/l
RT: 12.986 min Scan# 4109
Delta R.T. -0.024 min
Lab File: VN070012.D
Acq: 11 Dec 2021 16:53

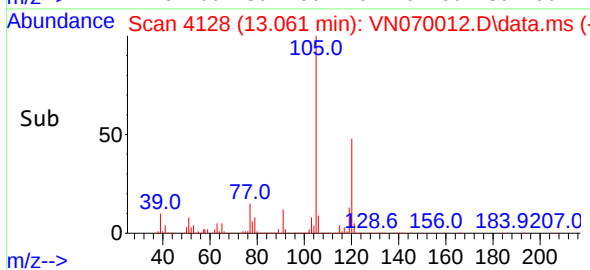
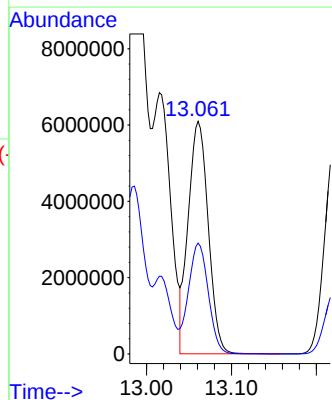
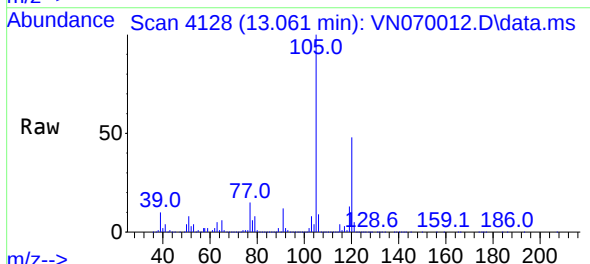
Instrument :
MSVOA_N
ClientSampleId :

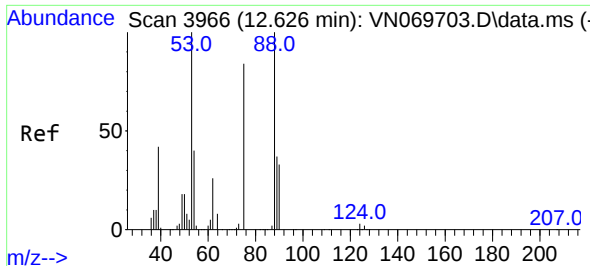
Tgt Ion: 91 Resp: 3087007
Ion Ratio Lower Upper
91 100
126 0.2 18.3 54.8#



#80
1,3,5-Trimethylbenzene
Concen: 102.885 ug/l
RT: 13.061 min Scan# 4128
Delta R.T. 0.000 min
Lab File: VN070012.D
Acq: 11 Dec 2021 16:53

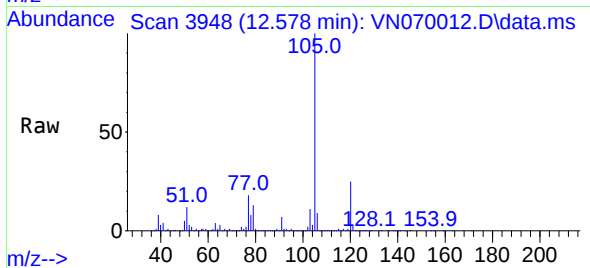
Tgt Ion:105 Resp: 9978176
Ion Ratio Lower Upper
105 100
120 48.1 24.6 73.6



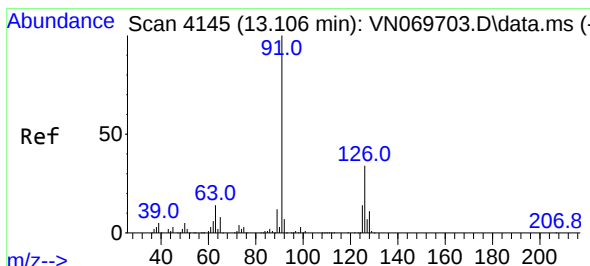
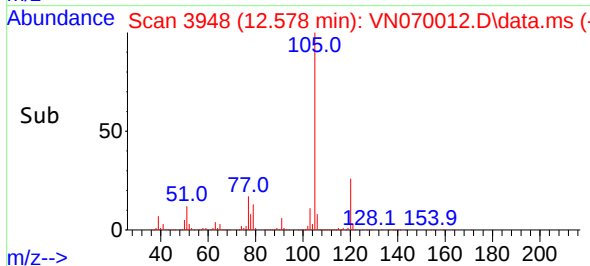
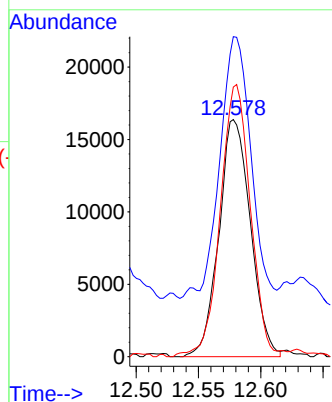


#81
trans-1,4-Dichloro-2-butene
Concen: 6.294 ug/l
RT: 12.578 min Scan# 3966
Delta R.T. -0.048 min
Lab File: VN070012.D
Acq: 11 Dec 2021 16:53

Instrument :
MSVOA_N
ClientSampleId :

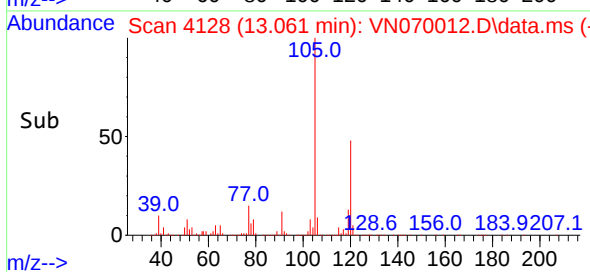
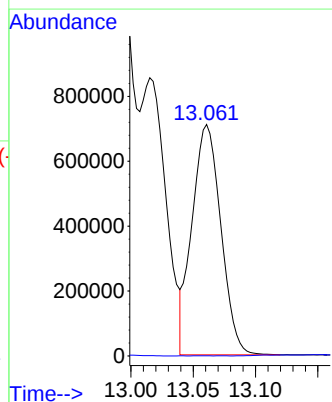
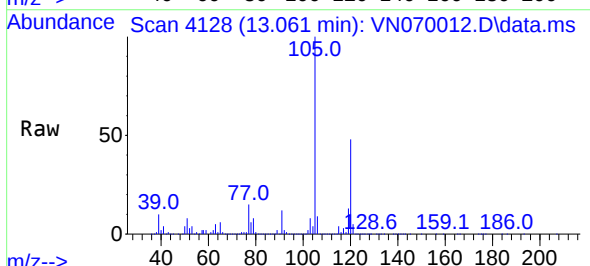


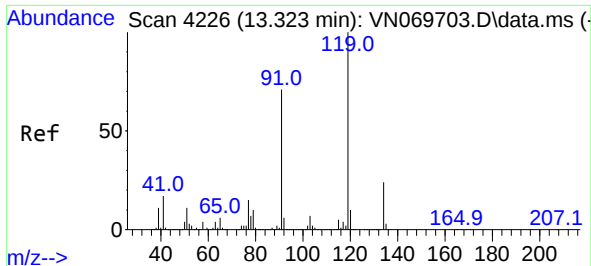
Tgt Ion: 75 Resp: 28840
Ion Ratio Lower Upper
75 100
53 99.2 90.5 135.7
89 109.8 38.2 57.4#



#82
4-Chlorotoluene
Concen: 14.315 ug/l
RT: 13.061 min Scan# 4128
Delta R.T. -0.045 min
Lab File: VN070012.D
Acq: 11 Dec 2021 16:53

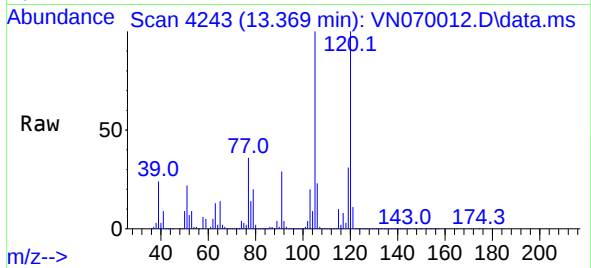
Tgt Ion: 91 Resp: 1140539
Ion Ratio Lower Upper
91 100
126 0.0 18.2 54.6#



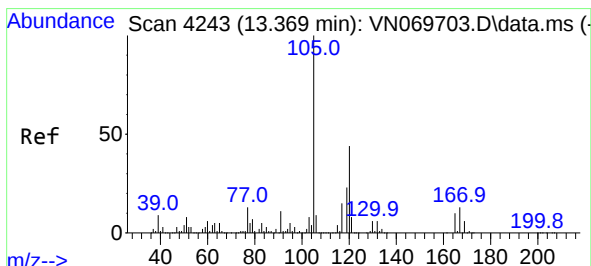
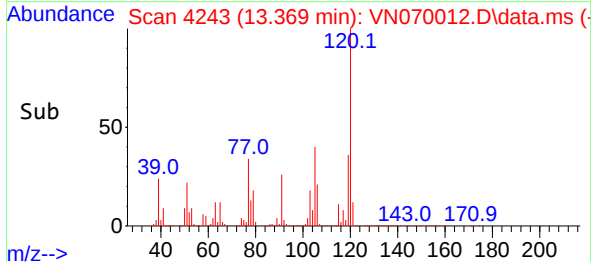
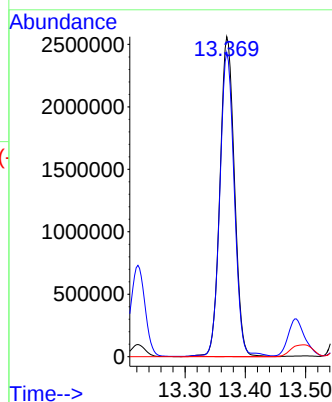


#83
tert-Butylbenzene
Concen: 49.645 ug/l
RT: 13.369 min Scan# 4187
Delta R.T. 0.046 min
Lab File: VN070012.D
Acq: 11 Dec 2021 16:53

Instrument :
MSVOA_N
ClientSampleId :

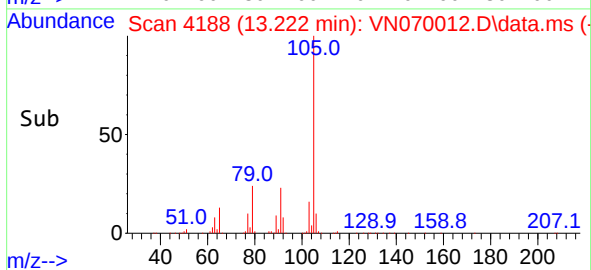
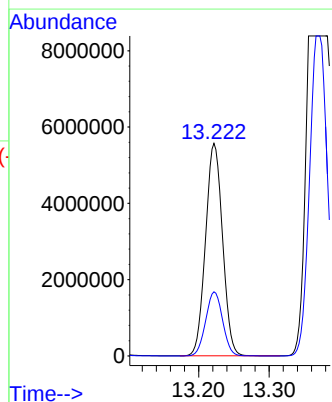
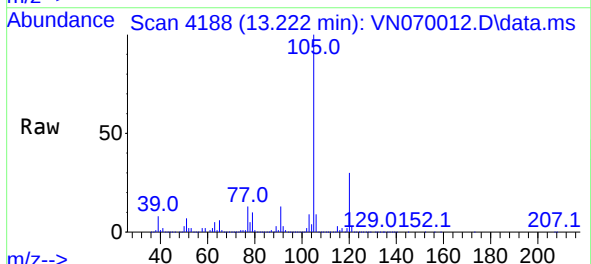


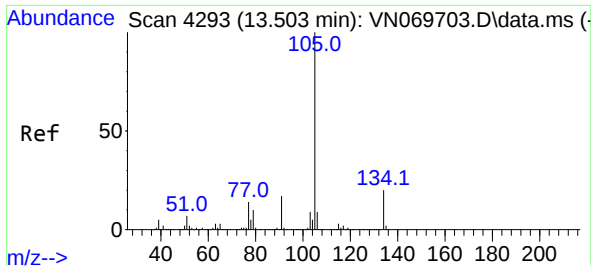
Tgt Ion:119 Resp: 4263324
Ion Ratio Lower Upper
119 100
91 94.2 31.5 94.5
134 0.0 12.4 37.4#



#84
1,2,4-Trimethylbenzene
Concen: 100.901 ug/l
RT: 13.222 min Scan# 4188
Delta R.T. -0.147 min
Lab File: VN070012.D
Acq: 11 Dec 2021 16:53

Tgt Ion:105 Resp: 9319540
Ion Ratio Lower Upper
105 100
120 30.0 22.8 68.4

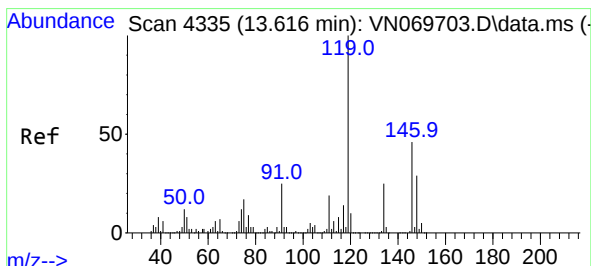
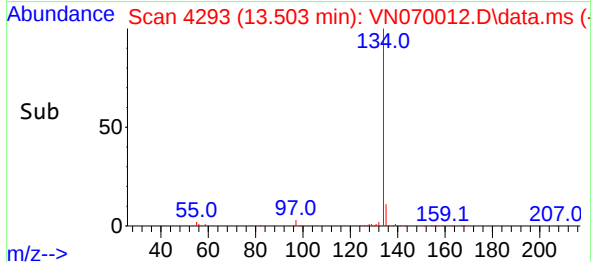
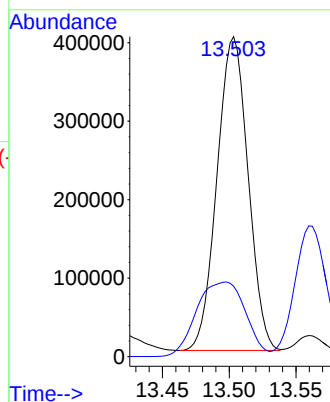
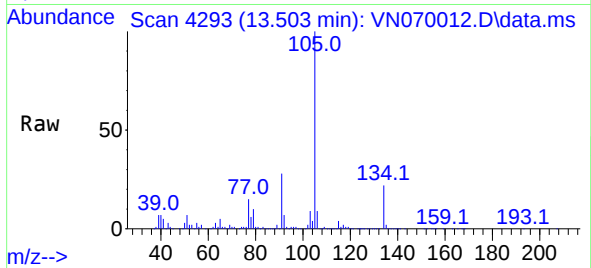




#85
 sec-Butylbenzene
 Concen: 5.557 ug/l
 RT: 13.503 min Scan# 4314
 Delta R.T. 0.000 min
 Lab File: VN070012.D
 Acq: 11 Dec 2021 16:53

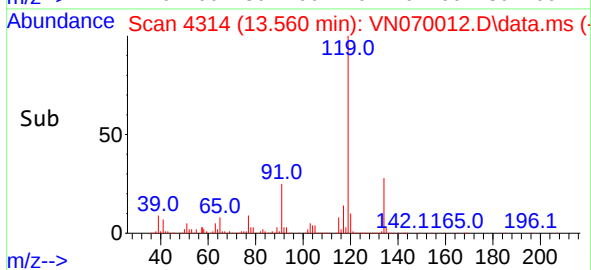
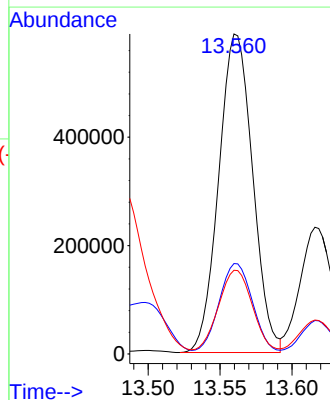
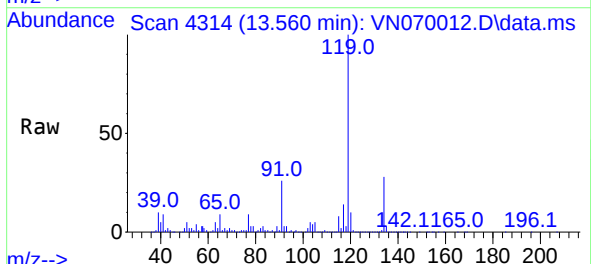
Instrument :
 MSVOA_N
 ClientSampleId :

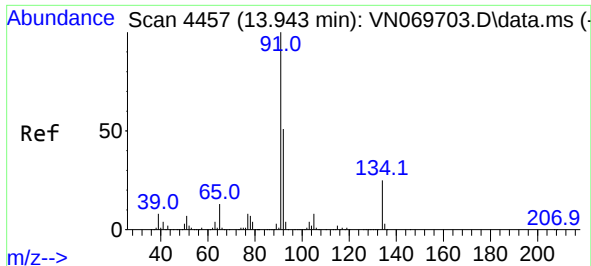
Tgt Ion:105 Resp: 647313
 Ion Ratio Lower Upper
 105 100
 134 37.3 10.4 31.1#



#86
 p-Isopropyltoluene
 Concen: 10.596 ug/l
 RT: 13.560 min Scan# 4314
 Delta R.T. -0.056 min
 Lab File: VN070012.D
 Acq: 11 Dec 2021 16:53

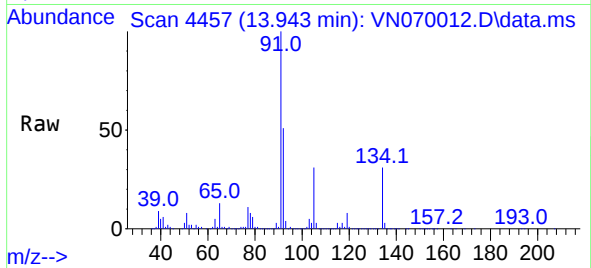
Tgt Ion:119 Resp: 964720
 Ion Ratio Lower Upper
 119 100
 134 28.3 13.6 40.7
 91 24.2 11.4 34.1



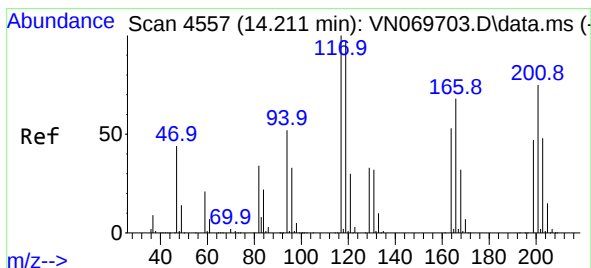
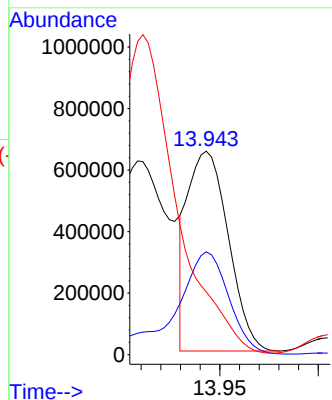
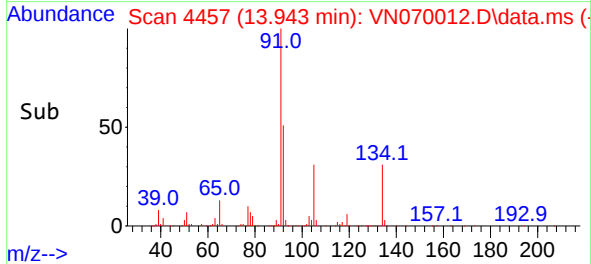


#89
n-Butylbenzene
Concen: 12.586 ug/l
RT: 13.943 min Scan# 4457
Delta R.T. 0.000 min
Lab File: VN070012.D
Acq: 11 Dec 2021 16:53

Instrument :
MSVOA_N
ClientSampleId :

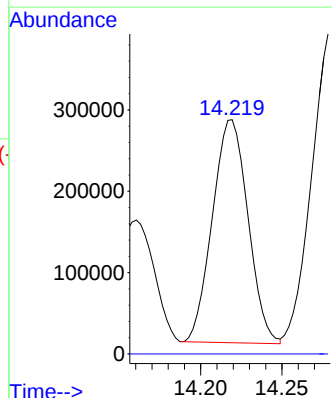
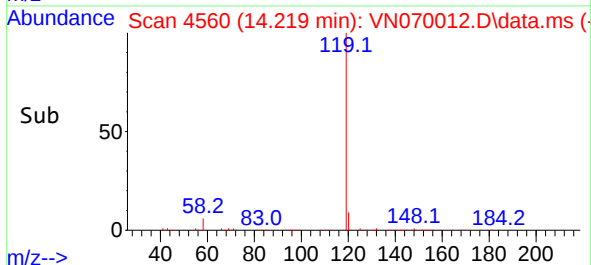
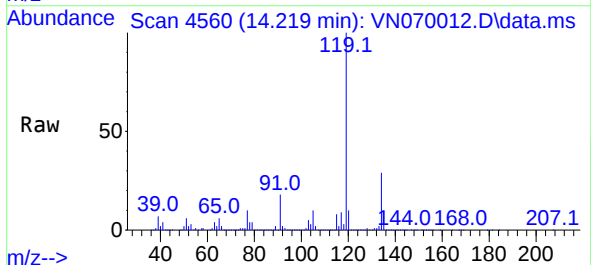


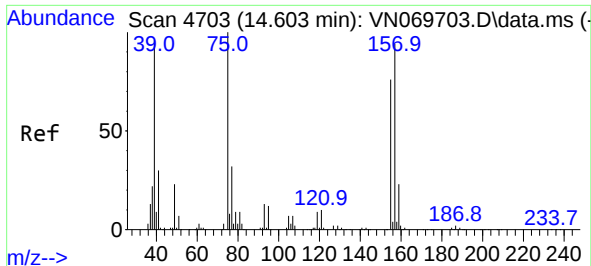
Tgt Ion: 91 Resp: 929564
Ion Ratio Lower Upper
91 100
92 66.8 25.4 76.0
134 0.0 13.6 40.8#



#90
Hexachloroethane
Concen: 26.122 ug/l
RT: 14.219 min Scan# 4560
Delta R.T. 0.008 min
Lab File: VN070012.D
Acq: 11 Dec 2021 16:53

Tgt Ion: 117 Resp: 417570
Ion Ratio Lower Upper
117 100
201 0.0 43.9 131.6#

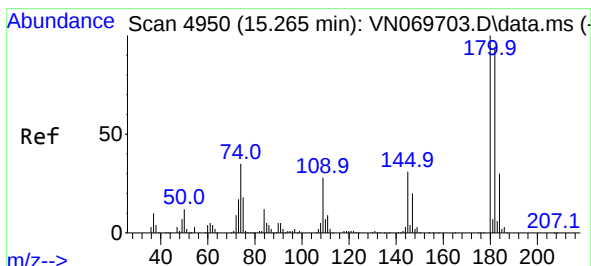
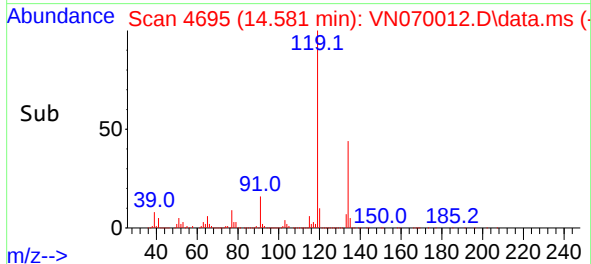
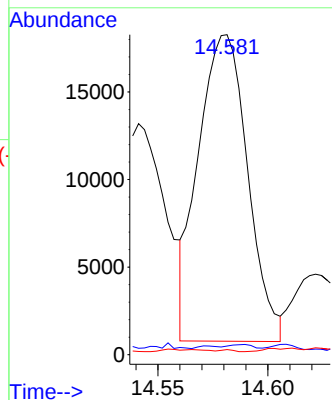
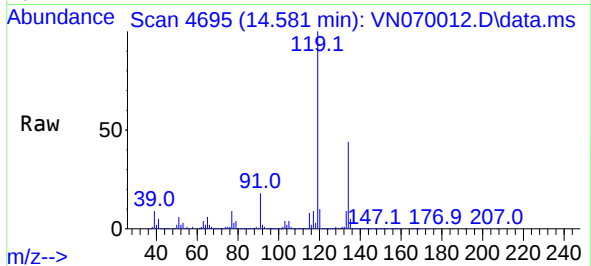




#92
1,2-Dibromo-3-Chloropropane
Concen: 3.620 ug/l
RT: 14.581 min Scan# 41
Delta R.T. -0.021 min
Lab File: VN070012.D
Acq: 11 Dec 2021 16:53

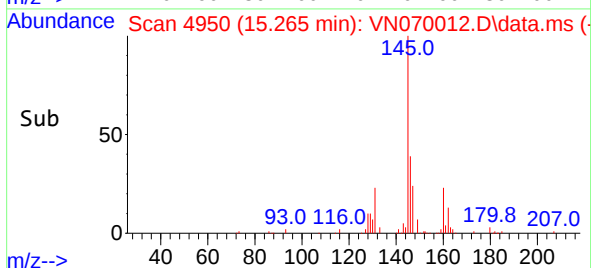
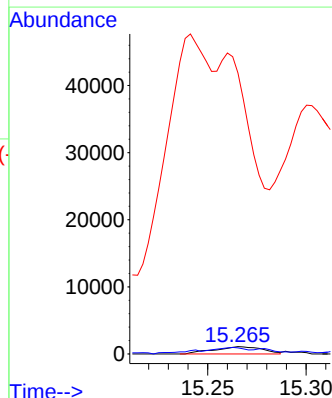
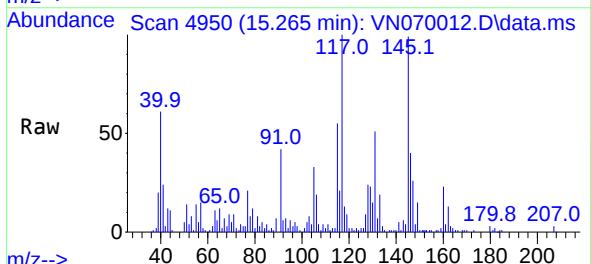
Instrument :
MSVOA_N
ClientSampleId :

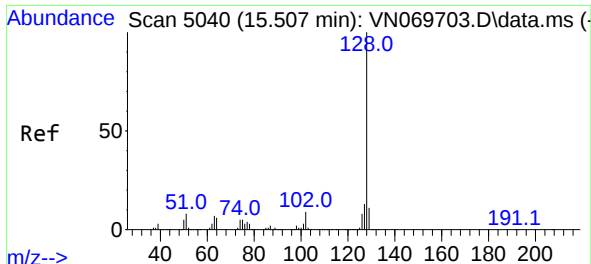
Tgt Ion: 75 Resp: 27258
Ion Ratio Lower Upper
75 100
155 0.8 46.9 140.7#
157 0.0 60.6 181.7#



#93
1,2,4-Trichlorobenzene
Concen: 2.957 ug/l
RT: 15.265 min Scan# 4950
Delta R.T. 0.000 min
Lab File: VN070012.D
Acq: 11 Dec 2021 16:53

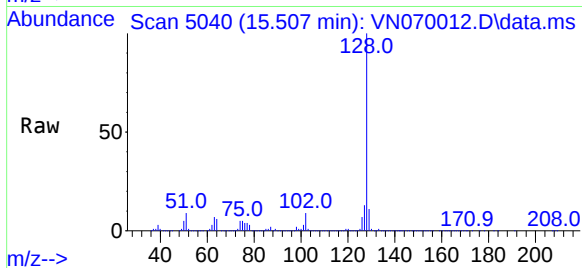
Tgt Ion:180 Resp: 1872
Ion Ratio Lower Upper
180 100
182 46.7 48.3 144.9#
145 0.0 14.5 43.5#



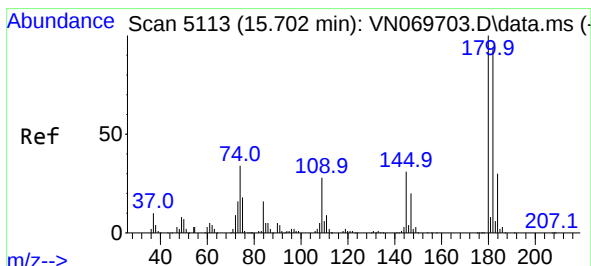
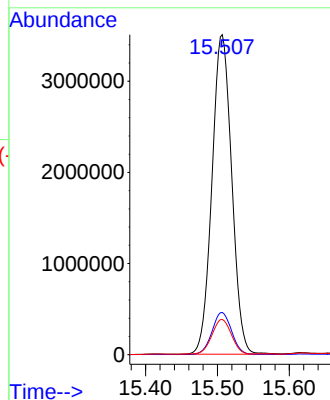
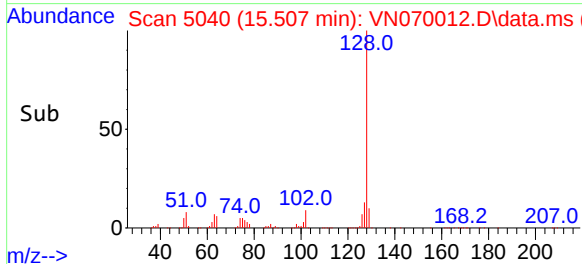


#95
Naphthalene
Concen: 96.841 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. -0.000 min
Lab File: VN070012.D
Acq: 11 Dec 2021 16:53

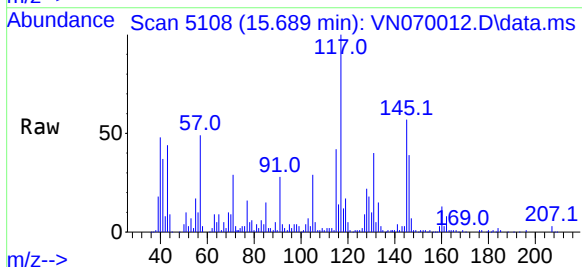
Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:128 Resp: 6677808
Ion Ratio Lower Upper
128 100
127 13.1 10.5 15.7
129 10.8 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 2.457 ug/l
RT: 15.689 min Scan# 5108
Delta R.T. -0.013 min
Lab File: VN070012.D
Acq: 11 Dec 2021 16:53



Tgt Ion:180 Resp: 490
Ion Ratio Lower Upper
180 100
182 388.2 47.4 142.2#
145 0.0 15.0 45.1#

