

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012722\
 Data File : VN070811.D
 Acq On : 27 Jan 2022 17:21
 Operator : JC/MD
 Sample : N1278-04
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-3

Quant Time: Jan 28 00:37:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 18 13:32:07 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.086	168	862999	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1347363	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1219314	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.672	152	516535	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	567165	45.857	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	91.720%
35) Dibromofluoromethane	8.021	113	390700	46.747	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	93.500%
50) Toluene-d8	10.440	98	1731357	49.174	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	98.340%
62) 4-Bromofluorobenzene	12.728	95	601554	47.946	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	95.900%
Target Compounds						
					Qvalue	
13) Acrolein	3.998	56	12810	4.003	ug/l #	1
14) Allyl chloride	4.932	41	143758	6.911	ug/l #	20
15) Acrylonitrile	5.618	53	38572	5.434	ug/l #	35
16) Acetone	4.261	43	47042	5.480	ug/l #	57
18) Methyl Acetate	4.929	43	111154	6.584	ug/l #	51
23) Vinyl Acetate	6.412	43	16383	0.469	ug/l #	72
25) 2-Butanone	7.335	43	23920	2.214	ug/l #	70
26) 2,2-Dichloropropane	7.152	77	21578	1.365	ug/l #	52
27) cis-1,2-Dichloroethene	7.327	96	3961	0.347	ug/l	80
28) Bromochloromethane	7.842	49	3779	0.408	ug/l #	9
31) Cyclohexane	8.094	56	2719244	124.856	ug/l	87
36) 1,1-Dichloropropene	8.086	75	75013	5.331	ug/l #	49
37) Ethyl Acetate	7.335	43	23920	1.281	ug/l #	73
38) Carbon Tetrachloride	8.083	117	89632	7.161	ug/l #	16
39) Methylcyclohexane	9.459	83	2792963	160.793	ug/l	89
40) Benzene	8.461	78	12726425	291.912	ug/l	98
41) Methacrylonitrile	7.675	41	7101	0.747	ug/l #	18
42) 1,2-Dichloroethane	8.461	62	120713	7.985	ug/l #	76
43) Isopropyl Acetate	8.558	43	120501	4.223	ug/l #	55
44) Trichloroethene	9.215	130	2181	0.221	ug/l	71
45) 1,2-Dichloropropane	9.456	63	32534	2.743	ug/l #	1
48) Methyl methacrylate	9.639	41	193744	14.254	ug/l #	61
51) 4-Methyl-2-Pentanone	10.438	43	51338	2.820	ug/l	90
52) Toluene	10.505	92	608971	23.352	ug/l	97
53) t-1,3-Dichloropropene	10.784	75	258	2.418	ug/l #	1
55) 1,1,2-Trichloroethane	10.875	97	189789	18.525	ug/l #	20
56) Ethyl methacrylate	10.778	69	102705	7.330	ug/l #	6
58) 2-Chloroethyl Vinyl ether	10.025	63	3396	21.865	ug/l #	45
59) 2-Hexanone	11.049	43	36207	2.738	ug/l #	26
60) Dibromochloromethane	10.974	129	6307	0.660	ug/l #	11
64) Tetrachloroethene	10.977	164	6553	0.733	ug/l	96
67) Ethyl Benzene	11.843	91	2304818	47.057	ug/l	95
68) m/p-Xylenes	11.950	106	3033559	170.253	ug/l	89
69) o-Xylene	12.278	106	61418	3.473	ug/l	89
73) Isopropylbenzene	12.575	105	670428	13.720	ug/l	98
74) N-amyl acetate	12.366	43	11347	0.568	ug/l #	44

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

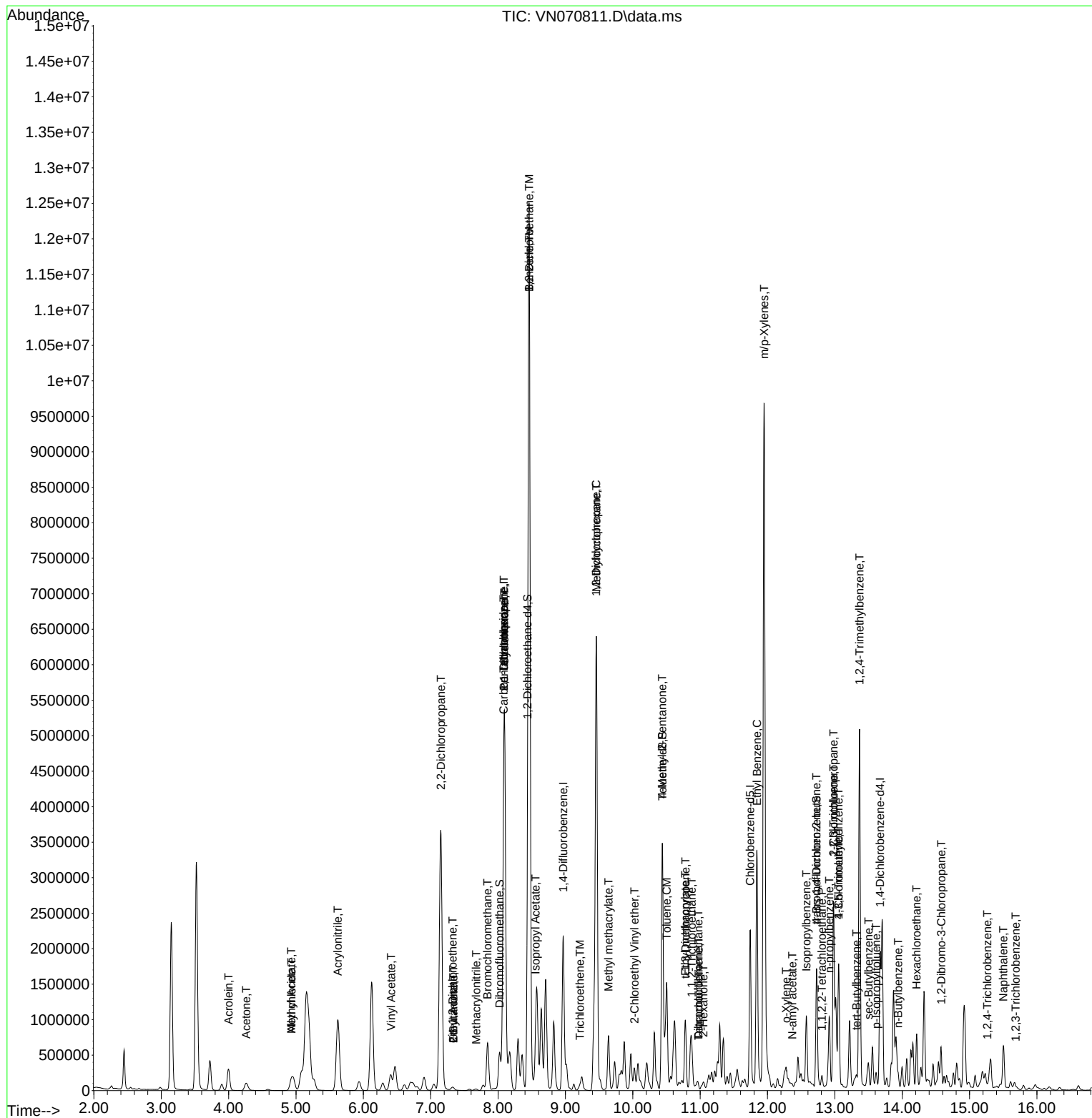
75) 1,1,2,2-Tetrachloroethane	12.809	83	5520	0.334	ug/l #	25
76) 1,2,3-Trichloropropane	12.980	75	14276	1.042	ug/l #	1
78) n-propylbenzene	12.919	91	795572	14.558	ug/l	95
79) 2-Chlorotoluene	12.980	91	186305	5.389	ug/l #	45
80) 1,3,5-Trimethylbenzene	13.055	105	927287	23.465	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.728	75	329969	71.755	ug/l #	5
82) 4-Chlorotoluene	13.055	91	106011	3.282	ug/l #	38
83) tert-Butylbenzene	13.321	119	77761	2.261	ug/l	90
84) 1,2,4-Trimethylbenzene	13.367	105	2964558	78.045	ug/l	97
85) sec-Butylbenzene	13.501	105	203663	4.355	ug/l	81
86) p-Isopropyltoluene	13.613	119	107385	2.923	ug/l	95
89) n-Butylbenzene	13.940	91	90604	2.990	ug/l #	76
90) Hexachloroethane	14.214	117	36433	5.673	ug/l #	6
92) 1,2-Dibromo-3-Chloropr...	14.579	75	1790	0.639	ug/l #	1
93) 1,2,4-Trichlorobenzene	15.263	180	1146	3.537	ug/l #	1
95) Naphthalene	15.501	128	574037	24.259	ug/l	100
96) 1,2,3-Trichlorobenzene	15.684	180	490	3.266	ug/l #	1

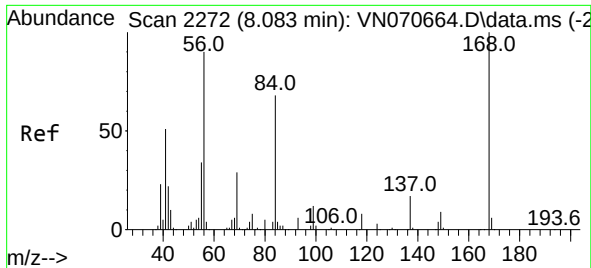
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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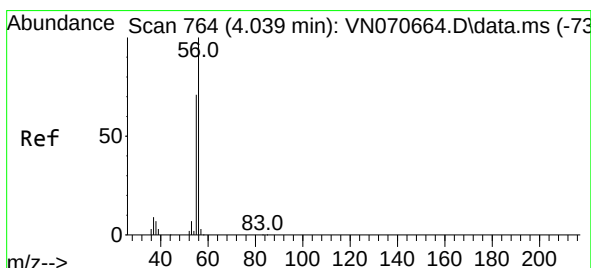
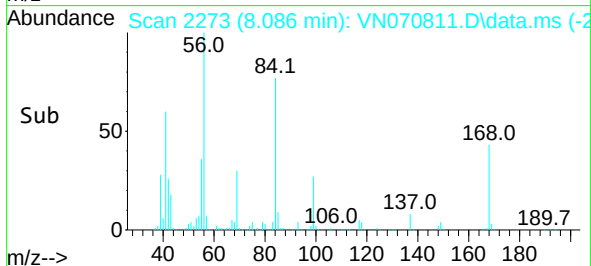
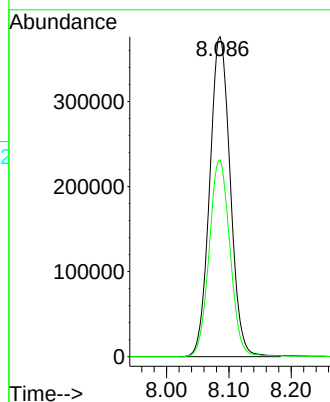
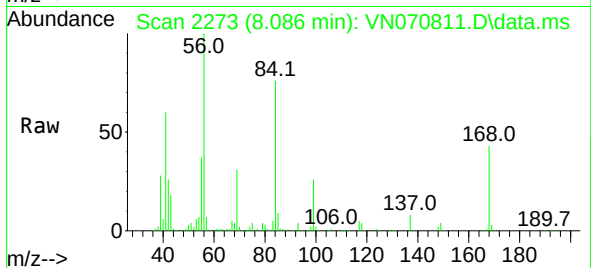




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. 0.003 min
Lab File: VN070811.D
Acq: 27 Jan 2022 17:21

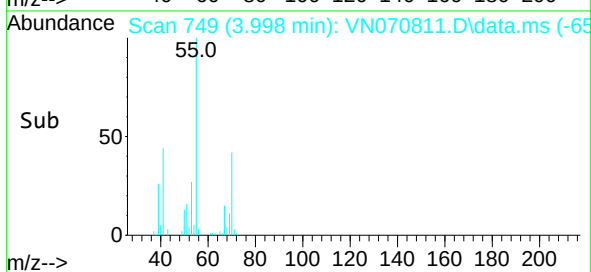
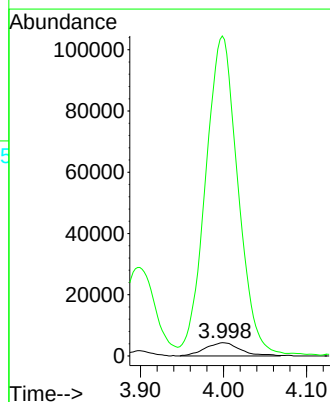
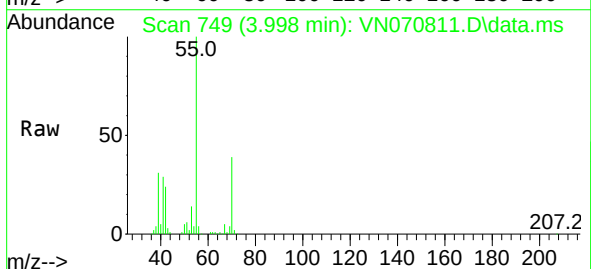
Instrument :
MSVOA_N
ClientSampleId :
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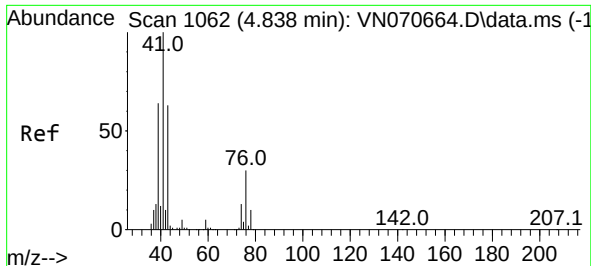
Tgt Ion:168 Resp: 862999
Ion Ratio Lower Upper
168 100
99 61.5 41.3 61.9



#13
Acrolein
Concen: 4.003 ug/l
RT: 3.998 min Scan# 749
Delta R.T. -0.041 min
Lab File: VN070811.D
Acq: 27 Jan 2022 17:21

Tgt Ion: 56 Resp: 12810
Ion Ratio Lower Upper
56 100
55 2173.9 56.6 85.0#

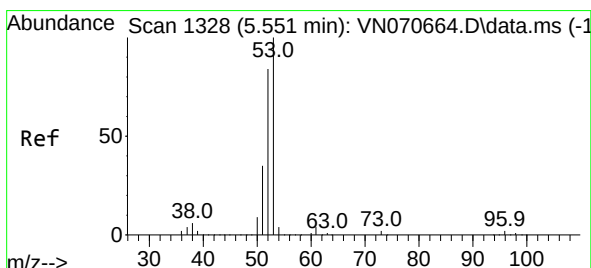
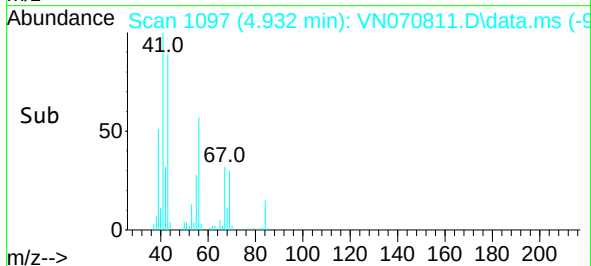
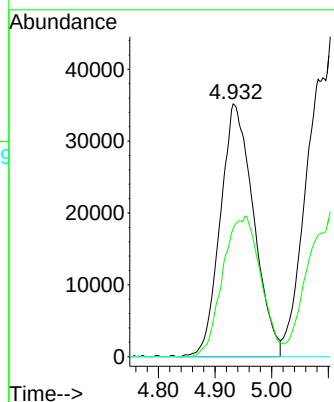
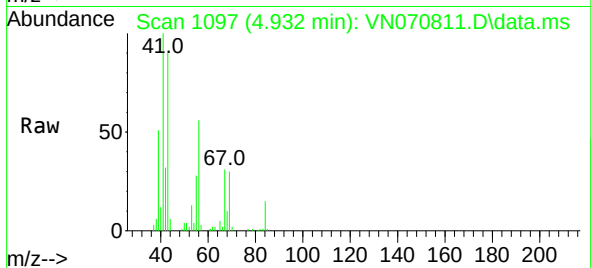




#14
 Allyl chloride
 Concen: 6.911 ug/l
 RT: 4.932 min Scan# 1062
 Delta R.T. 0.094 min
 Lab File: VN070811.D
 Acq: 27 Jan 2022 17:21

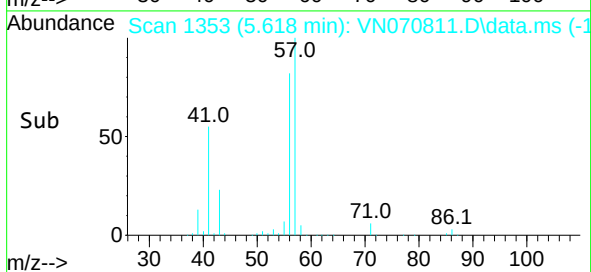
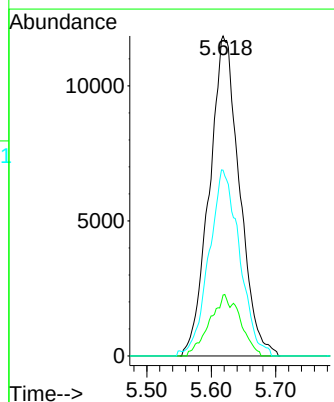
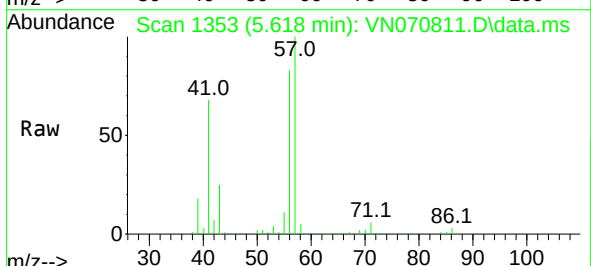
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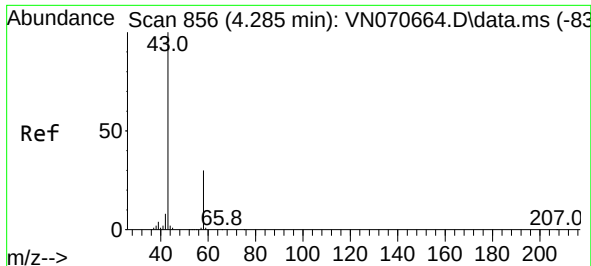
Tgt Ion: 41 Resp: 143758
 Ion Ratio Lower Upper
 41 100
 39 0.0 61.2 91.8#
 76 0.0 26.0 39.0#



#15
 Acrylonitrile
 Concen: 5.434 ug/l
 RT: 5.618 min Scan# 1353
 Delta R.T. 0.067 min
 Lab File: VN070811.D
 Acq: 27 Jan 2022 17:21

Tgt Ion: 53 Resp: 38572
 Ion Ratio Lower Upper
 53 100
 52 12.5 66.2 99.2#
 51 58.9 29.6 44.4#

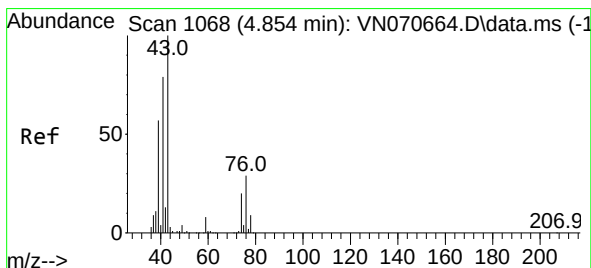
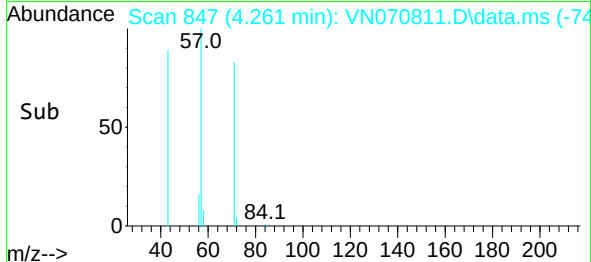
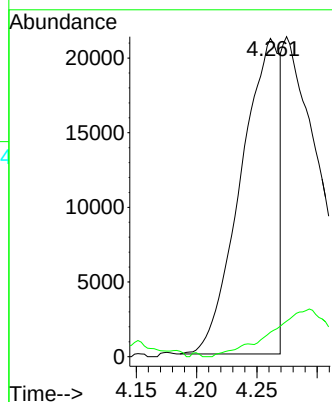
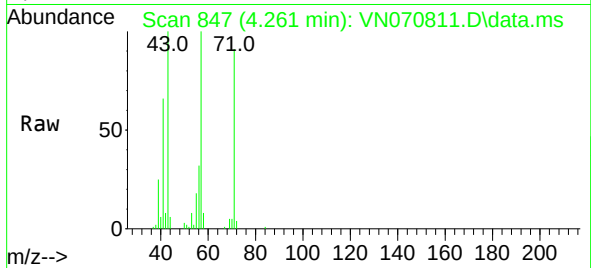




#16
Acetone
Concen: 5.480 ug/l
RT: 4.261 min Scan# 84
Delta R.T. -0.024 min
Lab File: VN070811.D
Acq: 27 Jan 2022 17:21

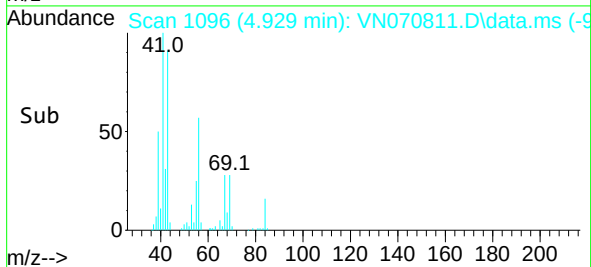
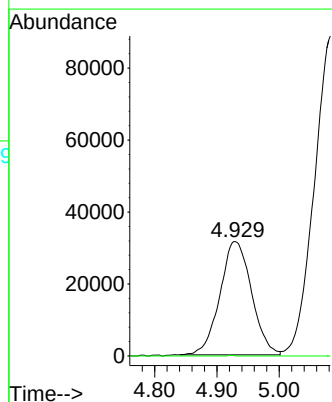
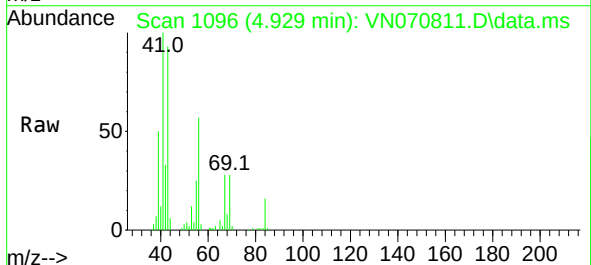
Instrument :
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MW-3

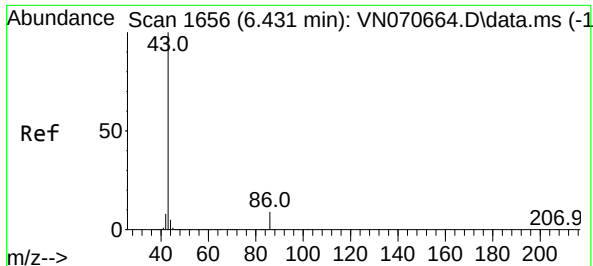
Tgt Ion: 43 Resp: 47042
Ion Ratio Lower Upper
43 100
58 6.0 23.1 34.7#



#18
Methyl Acetate
Concen: 6.584 ug/l
RT: 4.929 min Scan# 1096
Delta R.T. 0.075 min
Lab File: VN070811.D
Acq: 27 Jan 2022 17:21

Tgt Ion: 43 Resp: 111154
Ion Ratio Lower Upper
43 100
74 0.1 19.4 29.2#





#23

Vinyl Acetate

Concen: 0.469 ug/l

RT: 6.412 min Scan# 1

Delta R.T. -0.019 min

Lab File: VN070811.D

Acq: 27 Jan 2022 17:21

Instrument :

MSVOA_N

ClientSampleId :

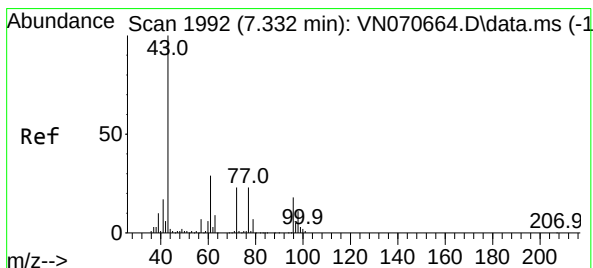
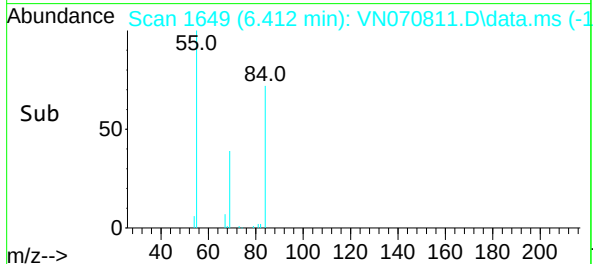
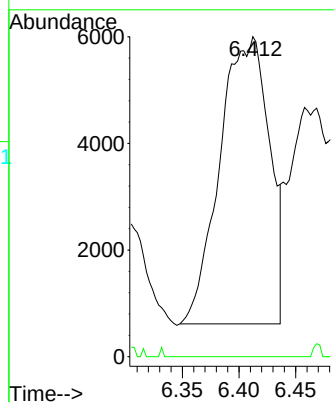
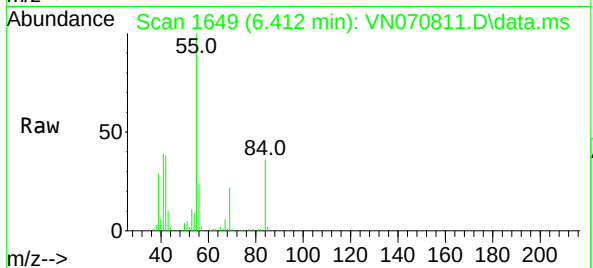
MW-3

Tgt Ion: 43 Resp: 16383

Ion Ratio Lower Upper

43 100

86 0.0 8.5 12.7#



#25

2-Butanone

Concen: 2.214 ug/l

RT: 7.335 min Scan# 1993

Delta R.T. 0.003 min

Lab File: VN070811.D

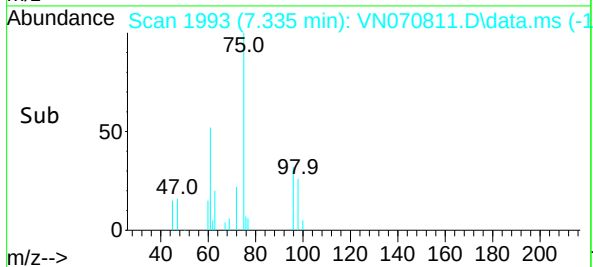
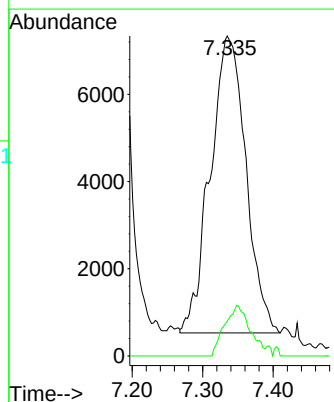
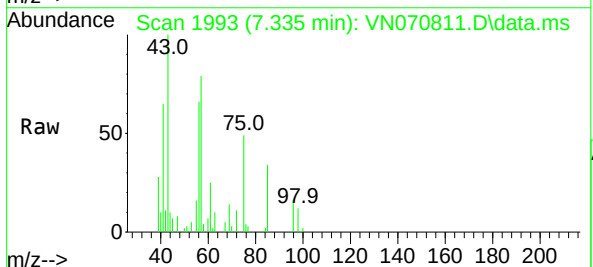
Acq: 27 Jan 2022 17:21

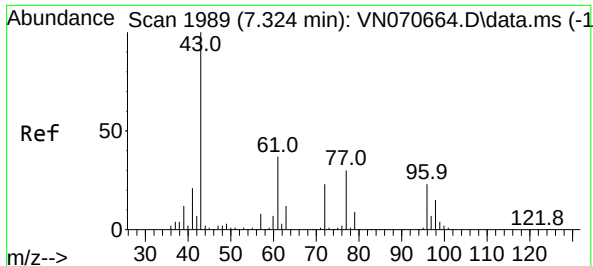
Tgt Ion: 43 Resp: 23920

Ion Ratio Lower Upper

43 100

72 11.7 21.7 32.5#





#26

2,2-Dichloropropane

Concen: 1.365 ug/l

RT: 7.152 min Scan# 19

Delta R.T. -0.172 min

Lab File: VN070811.D

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Instrument :

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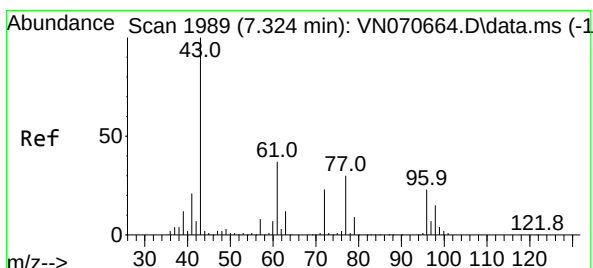
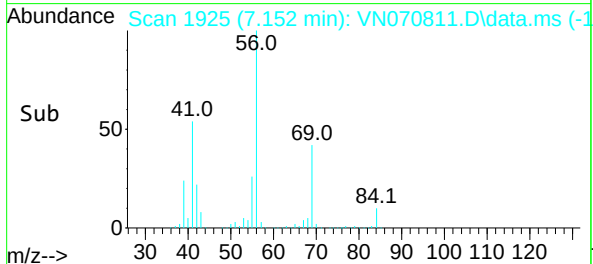
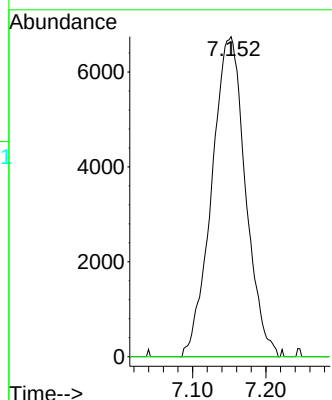
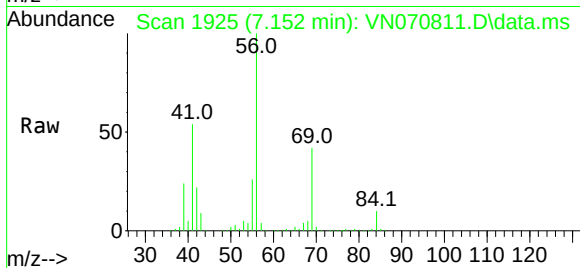
MW-3

Tgt Ion: 77 Resp: 21578

Ion Ratio Lower Upper

77 100

97 0.0 11.6 34.8#



#27

cis-1,2-Dichloroethene

Concen: 0.347 ug/l

RT: 7.327 min Scan# 1990

Delta R.T. 0.003 min

Lab File: VN070811.D

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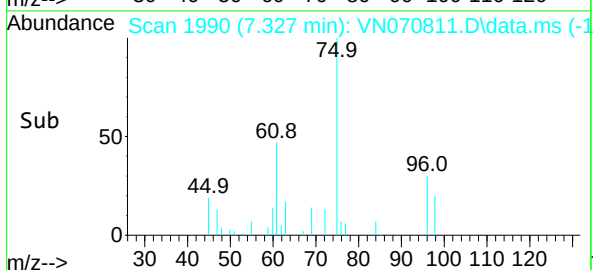
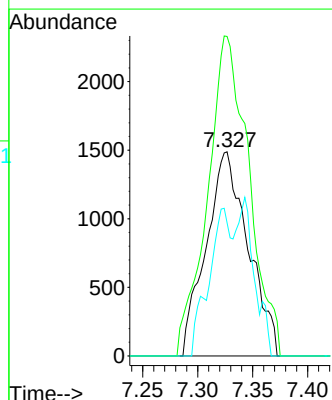
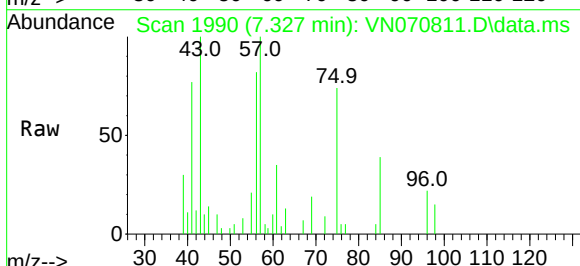
Tgt Ion: 96 Resp: 3961

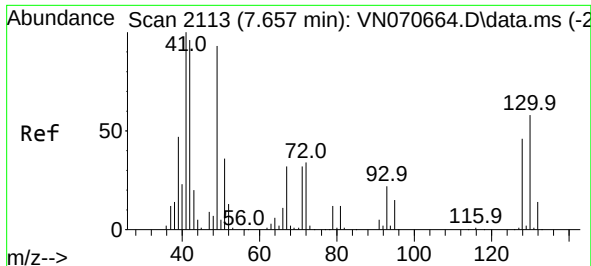
Ion Ratio Lower Upper

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61 154.0 0.0 275.0

98 39.4 0.0 129.6

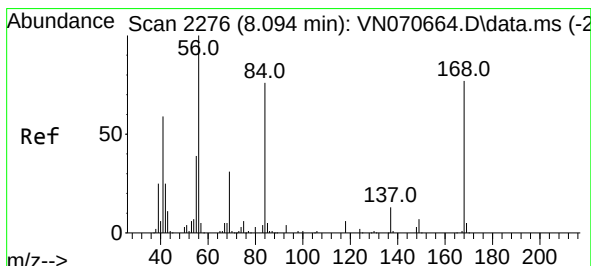
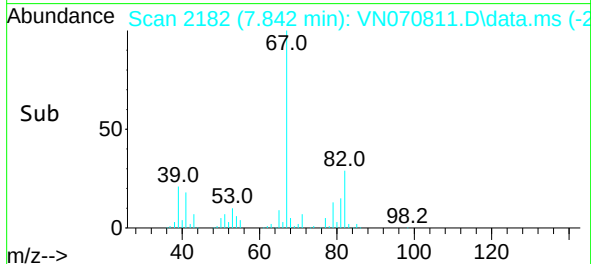
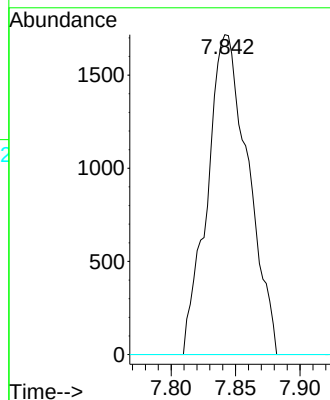
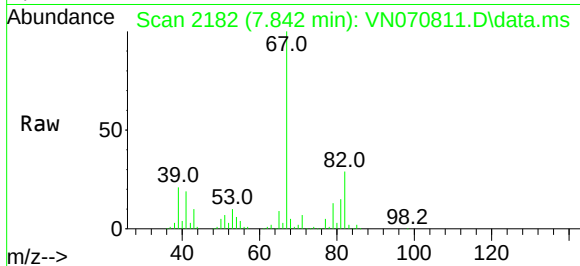




#28
Bromochloromethane
Concen: 0.408 ug/l
RT: 7.842 min Scan# 2113
Delta R.T. 0.185 min
Lab File: VN070811.D
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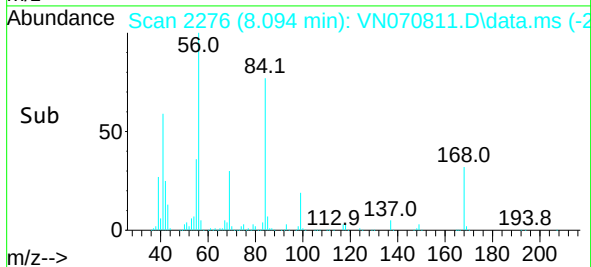
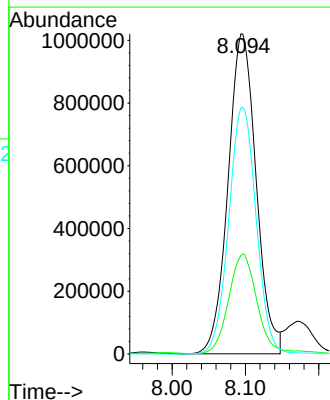
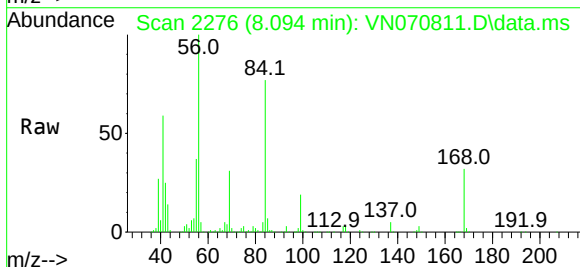
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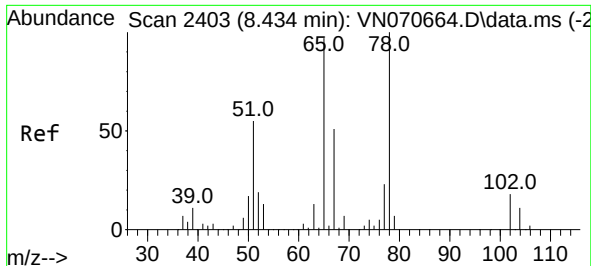
Tgt Ion: 49 Resp: 3779
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.0
130 0.0 67.8 101.8#



#31
Cyclohexane
Concen: 124.856 ug/l
RT: 8.094 min Scan# 2276
Delta R.T. -0.000 min
Lab File: VN070811.D
Acq: 27 Jan 2022 17:21

Tgt Ion: 56 Resp: 2719244
Ion Ratio Lower Upper
56 100
69 30.5 27.1 40.7
84 76.9 73.4 110.0





#33

1,2-Dichloroethane-d4

Concen: 45.857 ug/l

RT: 8.437 min Scan# 2403

Delta R.T. 0.003 min

Lab File: VN070811.D

Acq: 27 Jan 2022 17:21

Instrument :

MSVOA_N

ClientSampleId :

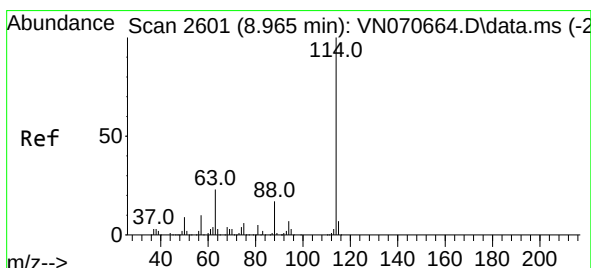
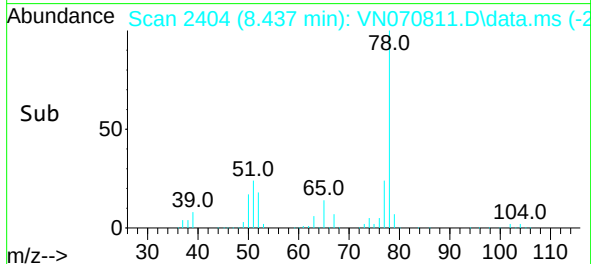
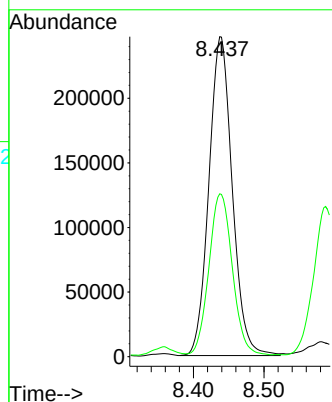
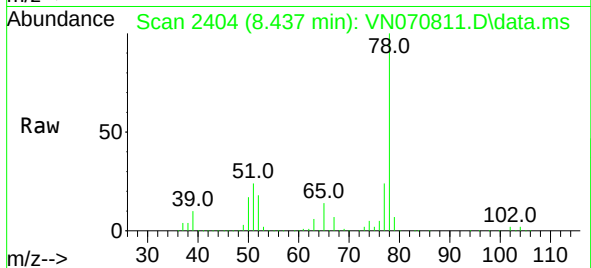
MW-3

Tgt Ion: 65 Resp: 567165

Ion Ratio Lower Upper

65 100

67 50.9 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.968 min Scan# 2602

Delta R.T. 0.003 min

Lab File: VN070811.D

Acq: 27 Jan 2022 17:21

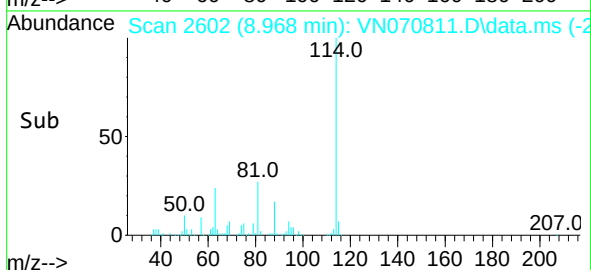
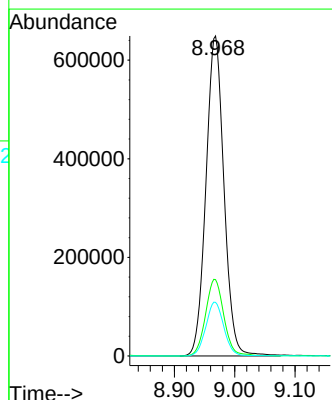
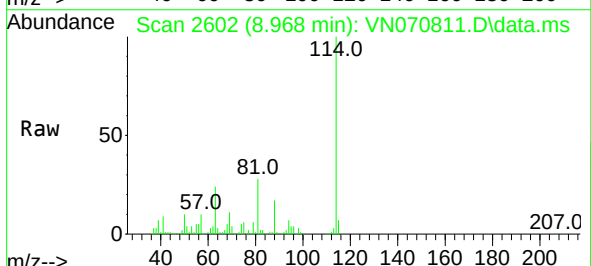
Tgt Ion: 114 Resp: 1347363

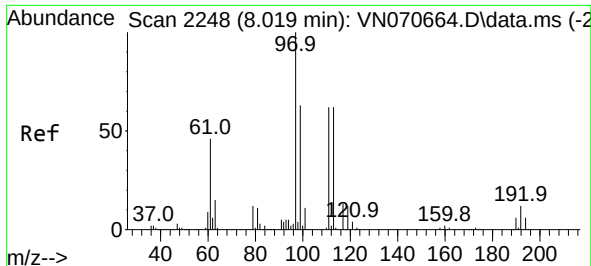
Ion Ratio Lower Upper

114 100

63 23.8 0.0 37.8

88 16.8 0.0 27.4





#35

Dibromofluoromethane

Concen: 46.747 ug/l

RT: 8.021 min Scan# 2249

Delta R.T. 0.002 min

Lab File: VN070811.D

Acq: 27 Jan 2022 17:21

Instrument :

MSVOA_N

ClientSampleId :

MW-3

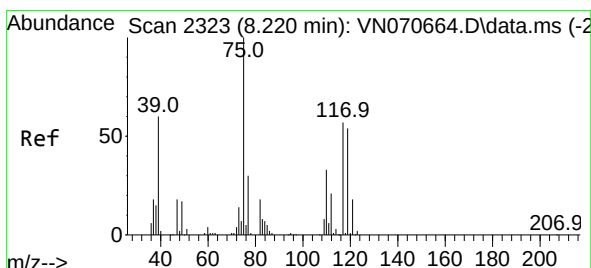
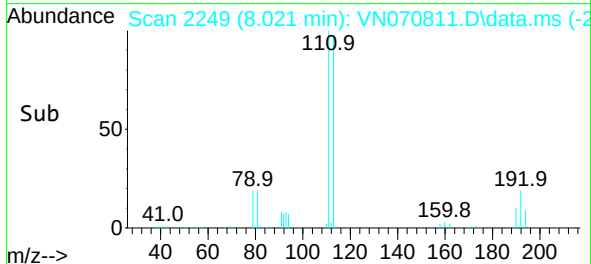
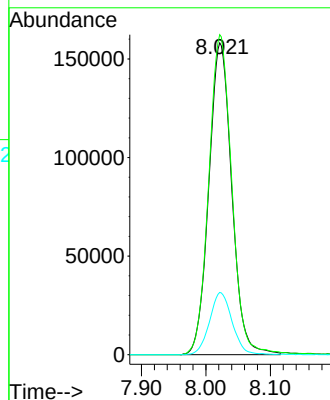
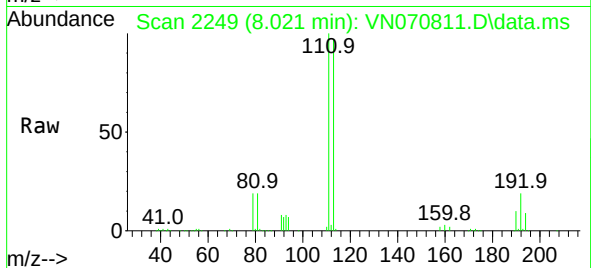
Tgt Ion:113 Resp: 390700

Ion Ratio Lower Upper

113 100

111 103.0 82.2 123.2

192 19.7 16.9 25.3



#36

1,1-Dichloropropene

Concen: 5.331 ug/l

RT: 8.086 min Scan# 2273

Delta R.T. -0.134 min

Lab File: VN070811.D

Acq: 27 Jan 2022 17:21

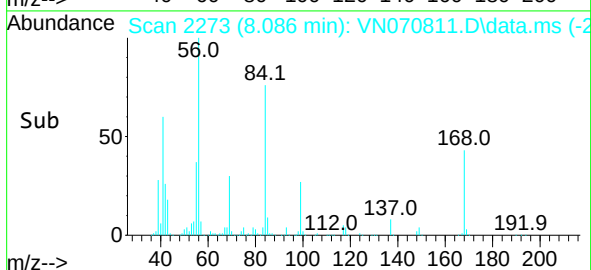
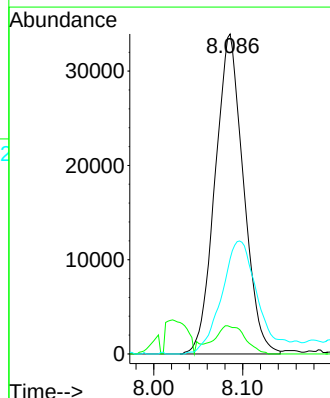
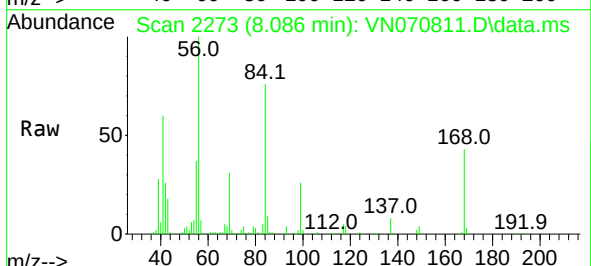
Tgt Ion: 75 Resp: 75013

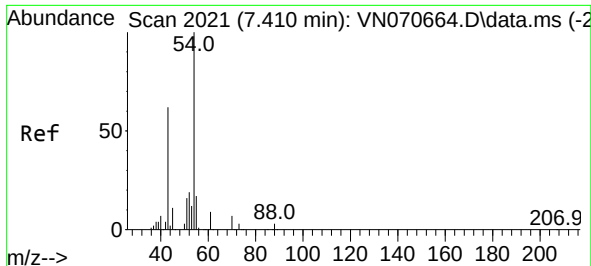
Ion Ratio Lower Upper

75 100

110 8.9 18.4 55.2#

77 0.0 24.4 36.6#

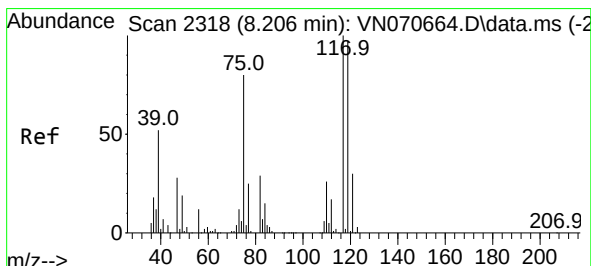
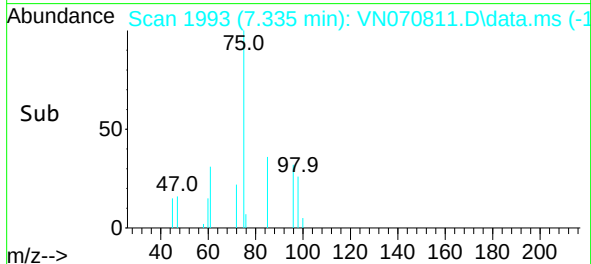
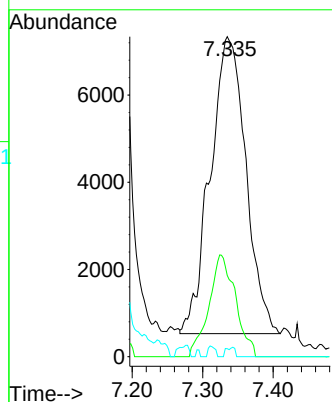
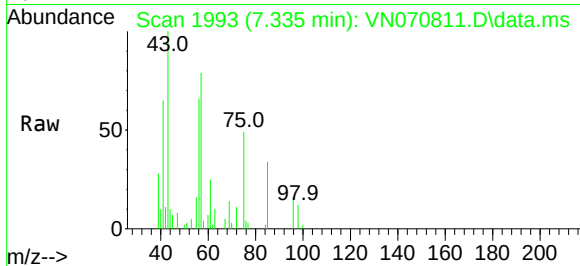




#37
Ethyl Acetate
Concen: 1.281 ug/l
RT: 7.335 min Scan# 11
Delta R.T. -0.075 min
Lab File: VN070811.D
Acq: 27 Jan 2022 17:21

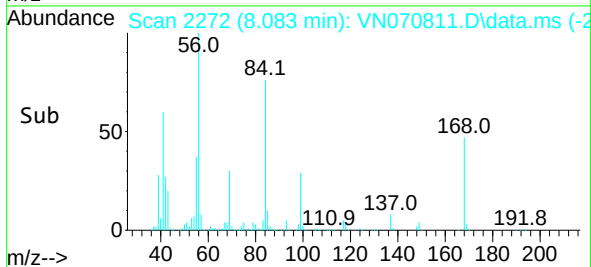
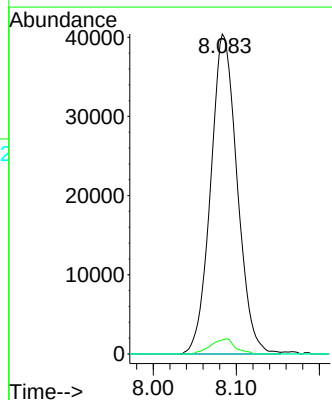
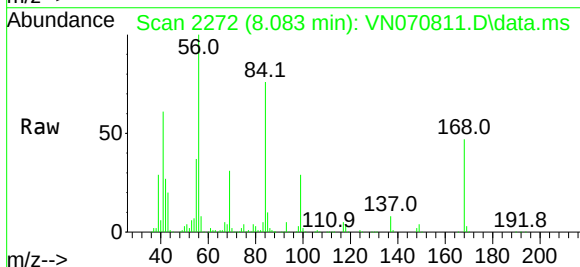
Instrument :
MSVOA_N
ClientSampleId :
MW-3

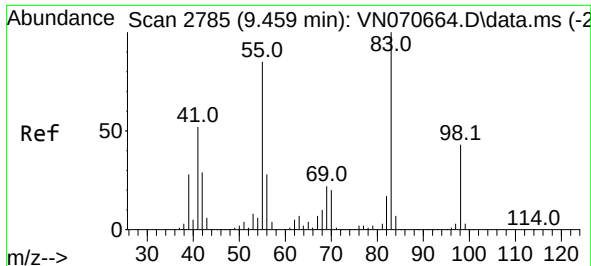
Tgt Ion: 43 Resp: 23920
Ion Ratio Lower Upper
43 100
61 25.5 11.5 17.3#
70 0.0 7.9 11.9#



#38
Carbon Tetrachloride
Concen: 7.161 ug/l
RT: 8.083 min Scan# 2272
Delta R.T. -0.123 min
Lab File: VN070811.D
Acq: 27 Jan 2022 17:21

Tgt Ion: 117 Resp: 89632
Ion Ratio Lower Upper
117 100
119 4.3 76.1 114.1#
121 0.0 24.2 36.2#

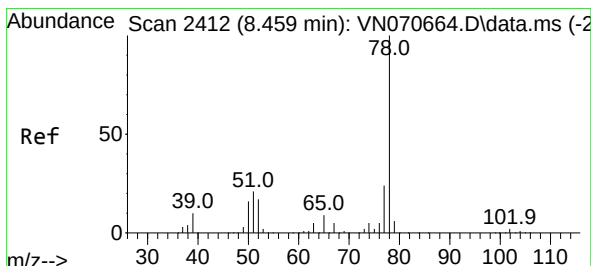
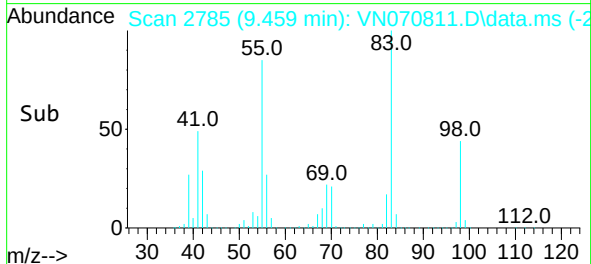
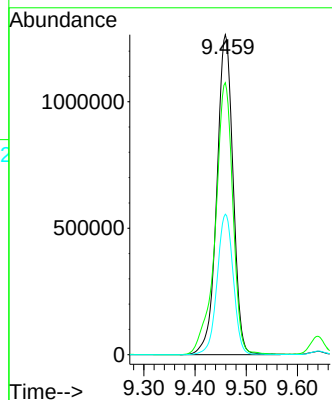
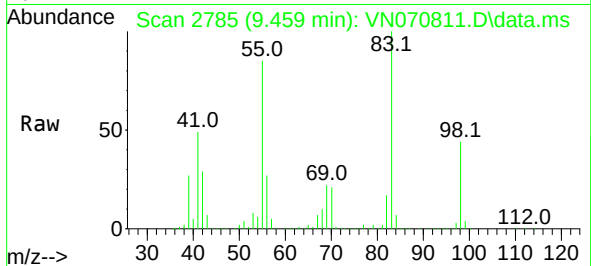




#39
Methylcyclohexane
Concen: 160.793 ug/l
RT: 9.459 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN070811.D
Acq: 27 Jan 2022 17:21

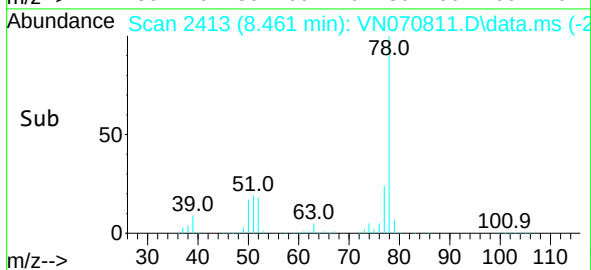
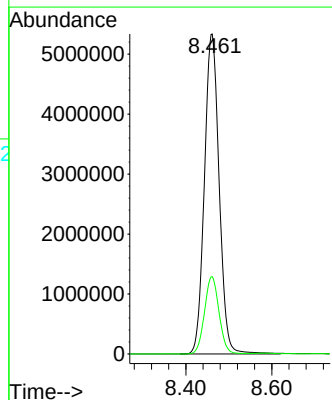
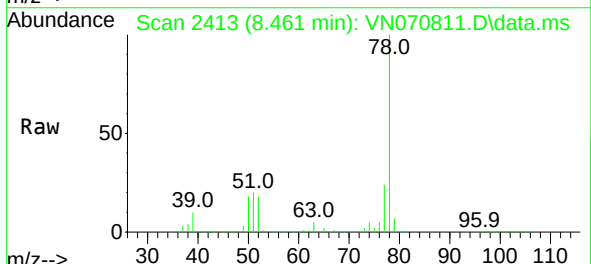
Instrument :
MSVOA_N
ClientSampleId :
MW-3

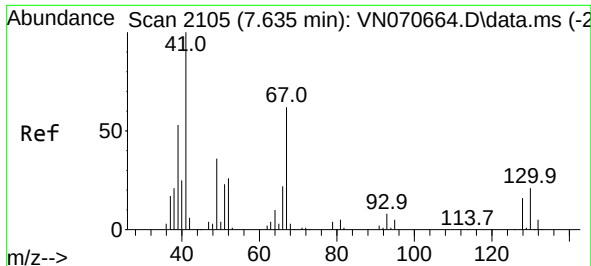
Tgt Ion: 83 Resp: 2792963
Ion Ratio Lower Upper
83 100
55 85.0 58.1 87.1
98 43.9 38.4 57.6



#40
Benzene
Concen: 291.912 ug/l
RT: 8.461 min Scan# 2413
Delta R.T. 0.002 min
Lab File: VN070811.D
Acq: 27 Jan 2022 17:21

Tgt Ion: 78 Resp:12726425
Ion Ratio Lower Upper
78 100
77 24.1 18.6 27.8

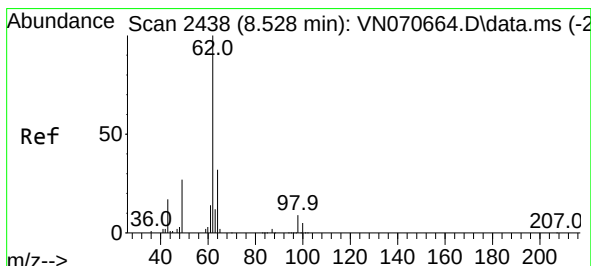
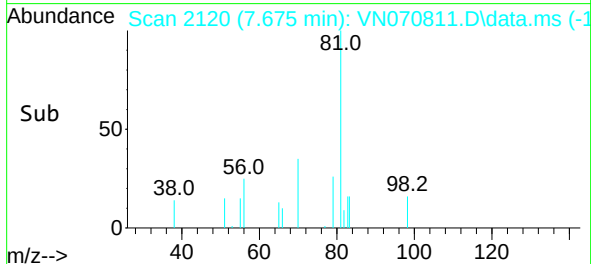
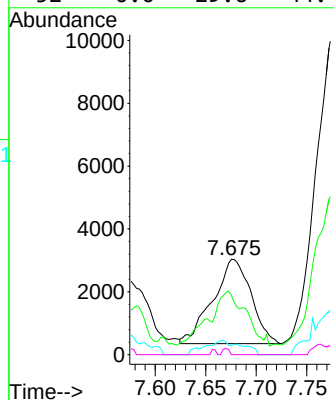
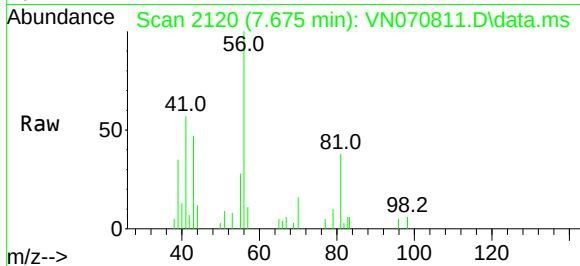




#41
Methacrylonitrile
Concen: 0.747 ug/l
RT: 7.675 min Scan# 2105
Delta R.T. 0.040 min
Lab File: VN070811.D
Acq: 27 Jan 2022 17:21

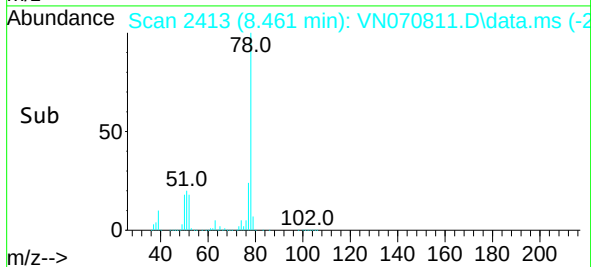
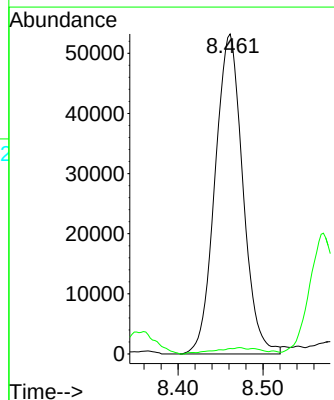
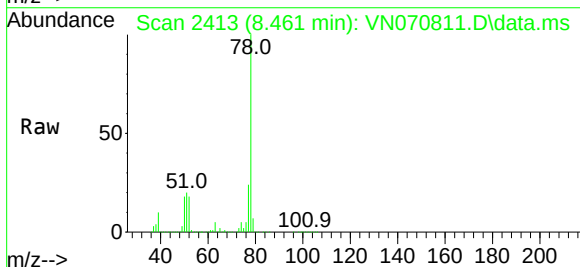
Instrument :
MSVOA_N
ClientSampleId :
MW-3

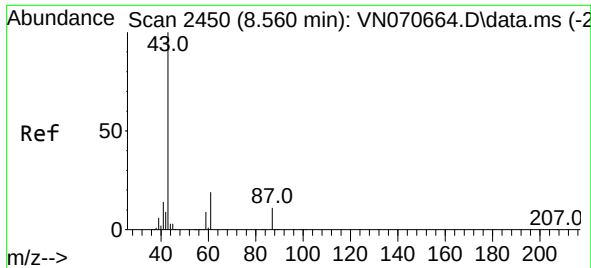
Tgt Ion:	41	Resp:	7101
Ion	Ratio	Lower	Upper
41	100		
39	0.0	48.1	72.1#
67	0.0	68.3	102.5#
52	0.0	29.6	44.4#



#42
1,2-Dichloroethane
Concen: 7.985 ug/l
RT: 8.461 min Scan# 2413
Delta R.T. -0.067 min
Lab File: VN070811.D
Acq: 27 Jan 2022 17:21

Tgt Ion:	62	Resp:	120713
Ion	Ratio	Lower	Upper
62	100		
98	0.0	0.0	17.6

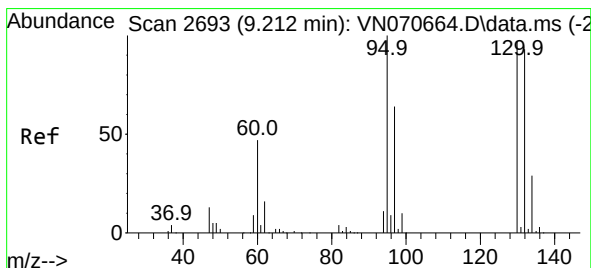
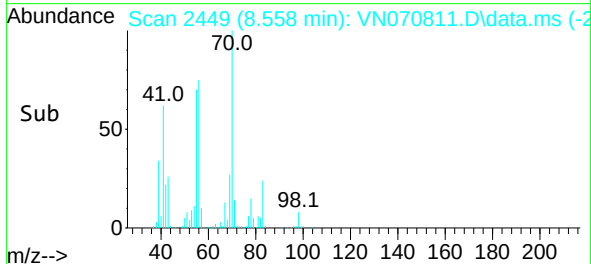
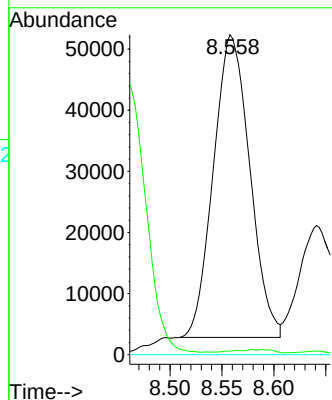
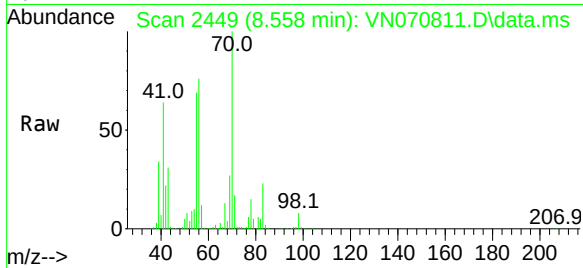




#43
Isopropyl Acetate
Concen: 4.223 ug/l
RT: 8.558 min Scan# 2450
Delta R.T. -0.002 min
Lab File: VN070811.D
Acq: 27 Jan 2022 17:21

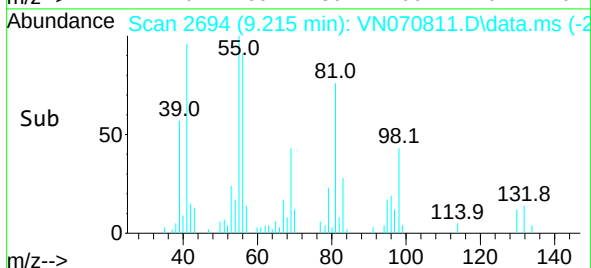
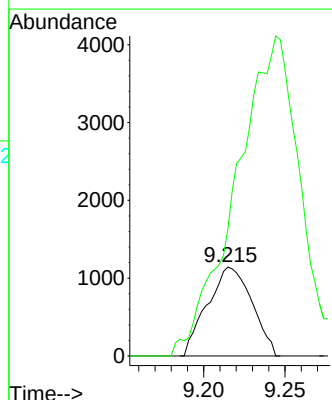
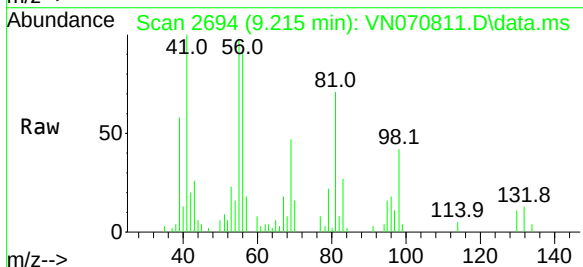
Instrument : MSVOA_N
ClientSampleId : MW-3

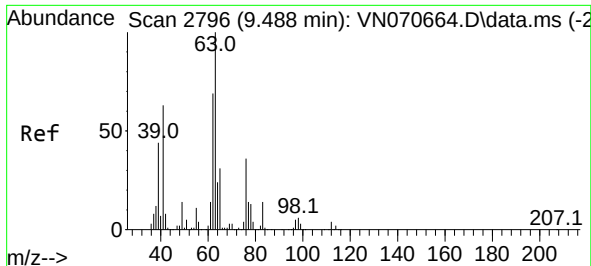
Tgt Ion: 43 Resp: 120501
Ion Ratio Lower Upper
43 100
61 0.0 20.4 30.6#
87 0.0 11.2 16.8#



#44
Trichloroethene
Concen: 0.221 ug/l
RT: 9.215 min Scan# 2694
Delta R.T. 0.003 min
Lab File: VN070811.D
Acq: 27 Jan 2022 17:21

Tgt Ion:130 Resp: 2181
Ion Ratio Lower Upper
130 100
95 123.4 0.0 191.2





#45

1,2-Dichloropropane

Concen: 2.743 ug/l

RT: 9.456 min Scan# 21

Delta R.T. -0.032 min

Lab File: VN070811.D

Acq: 27 Jan 2022 17:21

Instrument :

MSVOA_N

ClientSampleId :

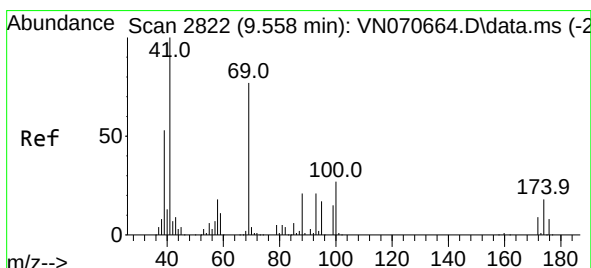
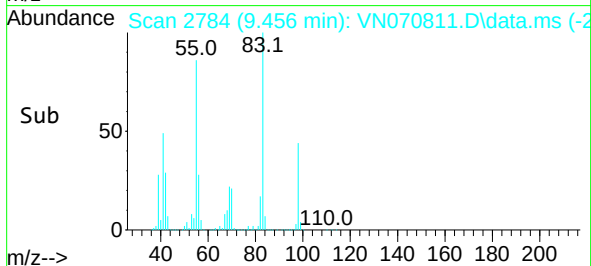
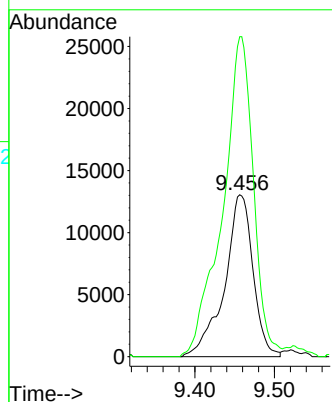
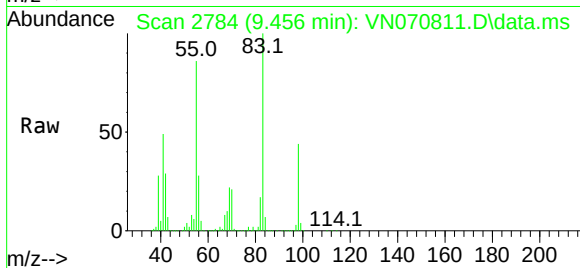
MW-3

Tgt Ion: 63 Resp: 32534

Ion Ratio Lower Upper

63 100

65 197.6 24.7 37.1#



#48

Methyl methacrylate

Concen: 14.254 ug/l

RT: 9.639 min Scan# 2852

Delta R.T. 0.081 min

Lab File: VN070811.D

Acq: 27 Jan 2022 17:21

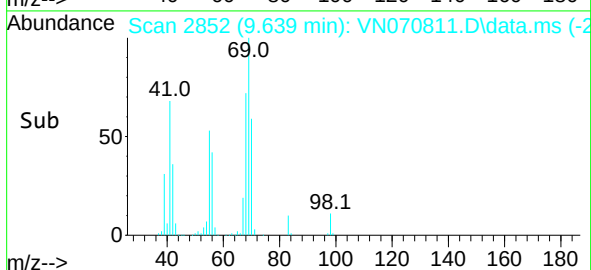
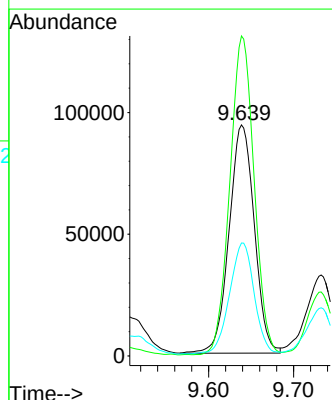
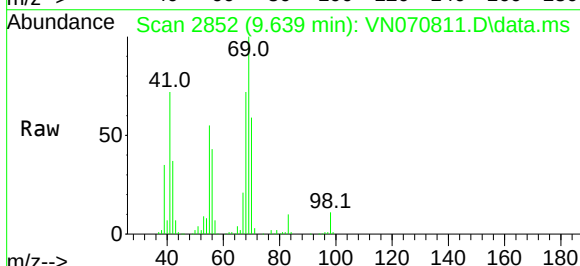
Tgt Ion: 41 Resp: 193744

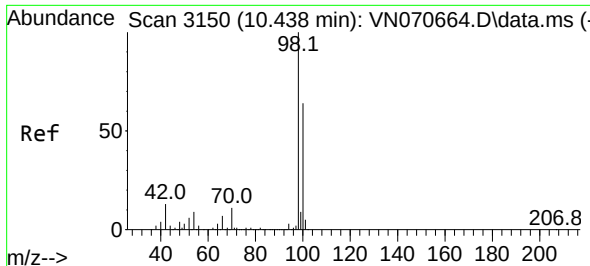
Ion Ratio Lower Upper

41 100

69 134.0 72.4 108.6#

39 47.2 58.4 87.6#

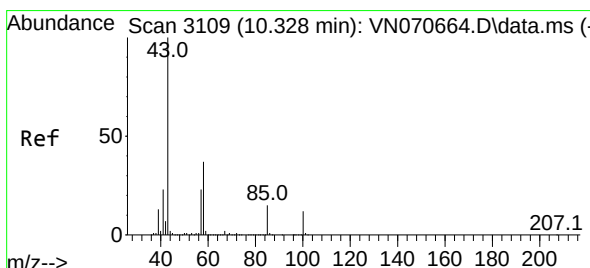
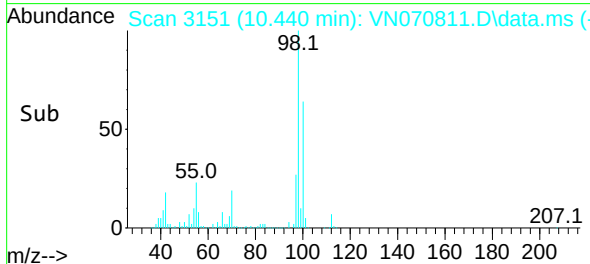
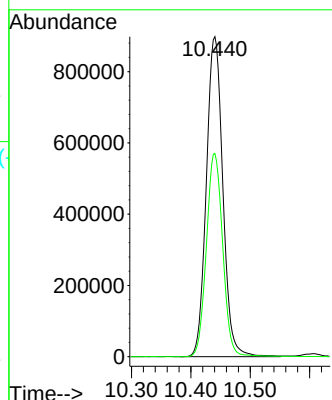
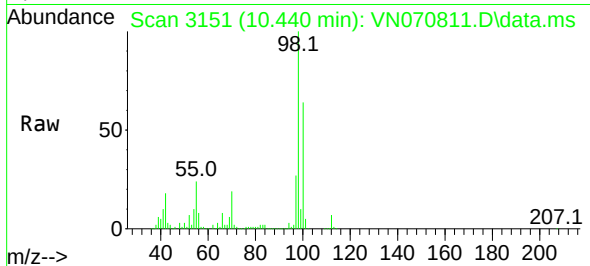




#50
Toluene-d8
Concen: 49.174 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. 0.002 min
Lab File: VN070811.D
Acq: 27 Jan 2022 17:21

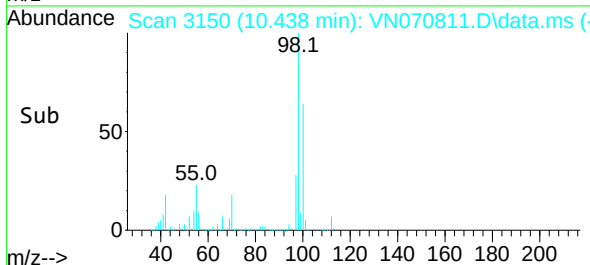
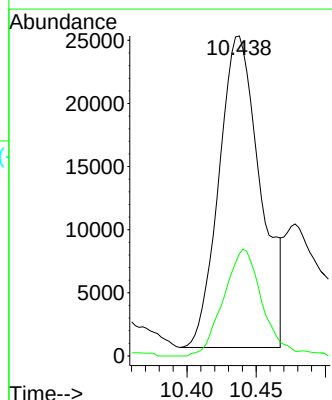
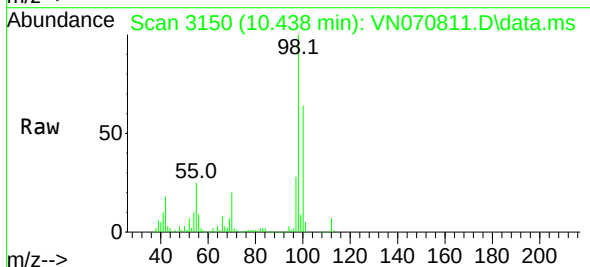
Instrument :
MSVOA_N
ClientSampleId :
MW-3

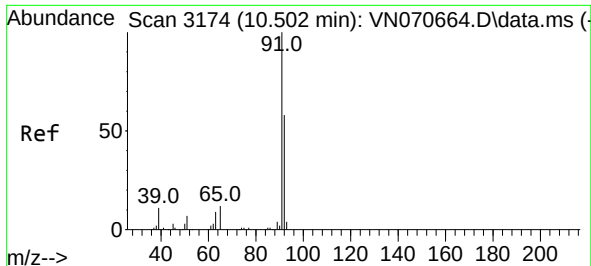
Tgt Ion: 98 Resp: 1731357
Ion Ratio Lower Upper
98 100
100 62.7 50.4 75.6



#51
4-Methyl-2-Pentanone
Concen: 2.820 ug/l
RT: 10.438 min Scan# 3150
Delta R.T. 0.110 min
Lab File: VN070811.D
Acq: 27 Jan 2022 17:21

Tgt Ion: 43 Resp: 51338
Ion Ratio Lower Upper
43 100
58 31.7 30.4 45.6

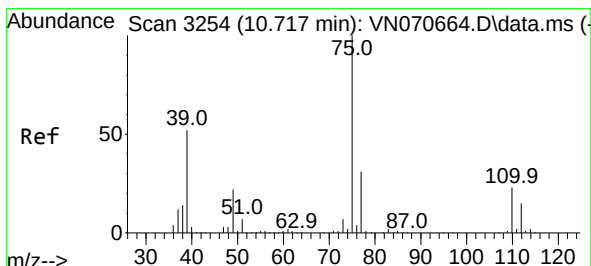
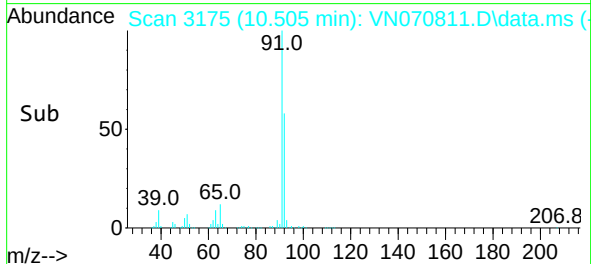
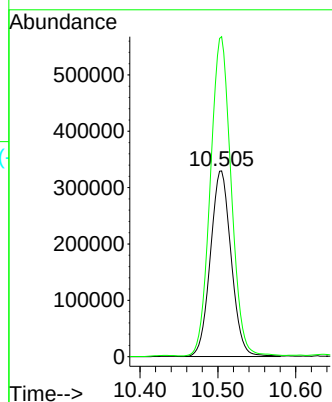
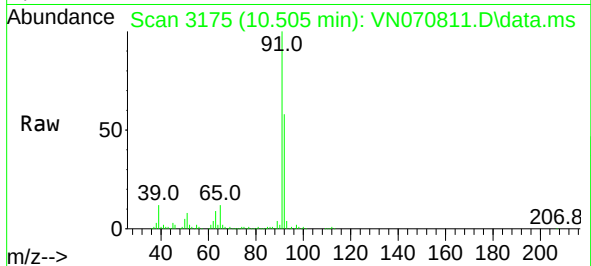




#52
Toluene
Concen: 23.352 ug/l
RT: 10.505 min Scan# 3174
Delta R.T. 0.003 min
Lab File: VN070811.D
Acq: 27 Jan 2022 17:21

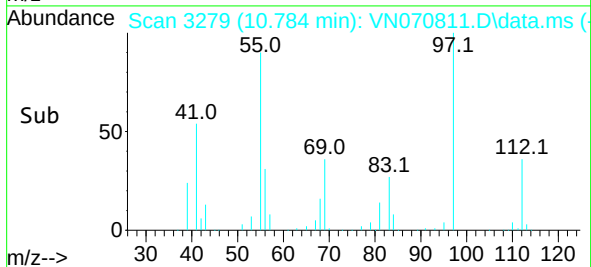
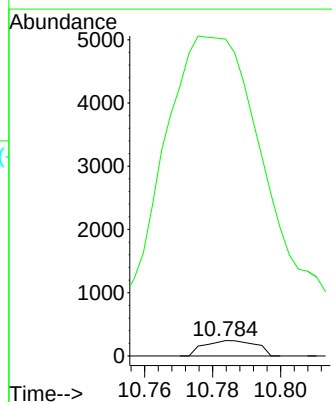
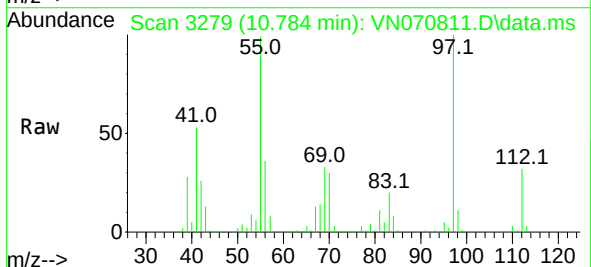
Instrument :
MSVOA_N
ClientSampleId :
MW-3

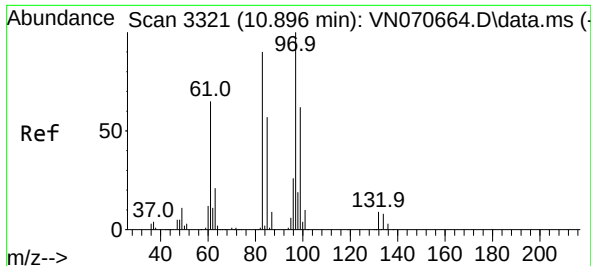
Tgt Ion: 92 Resp: 608971
Ion Ratio Lower Upper
92 100
91 172.7 142.0 213.0



#53
t-1,3-Dichloropropene
Concen: 2.418 ug/l
RT: 10.784 min Scan# 3279
Delta R.T. 0.067 min
Lab File: VN070811.D
Acq: 27 Jan 2022 17:21

Tgt Ion: 75 Resp: 258
Ion Ratio Lower Upper
75 100
77 1235.5 25.6 38.4#

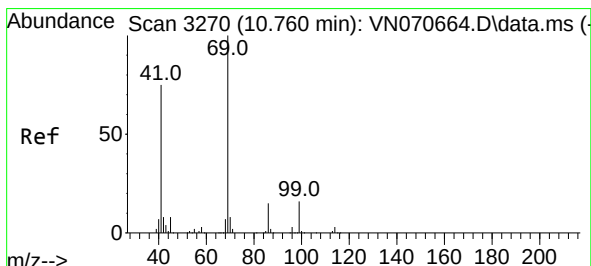
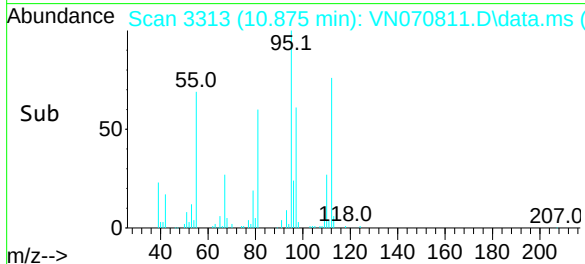
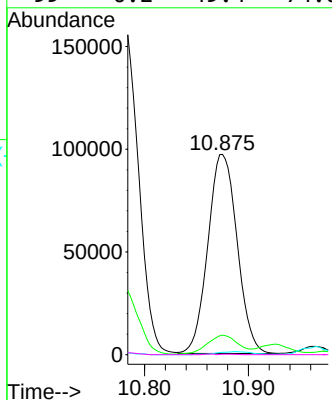
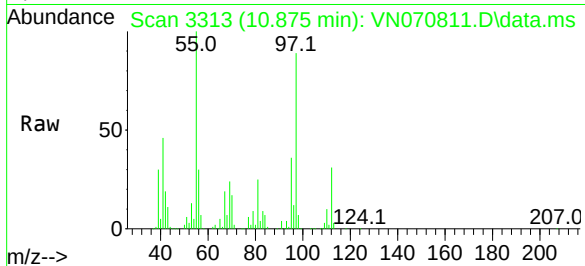




#55
1,1,2-Trichloroethane
Concen: 18.525 ug/l
RT: 10.875 min Scan# 31
Delta R.T. -0.021 min
Lab File: VN070811.D
Acq: 27 Jan 2022 17:21

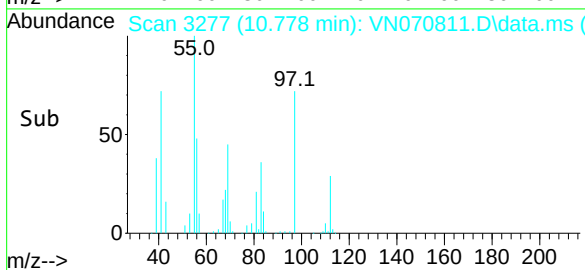
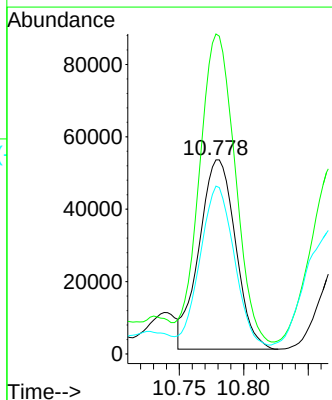
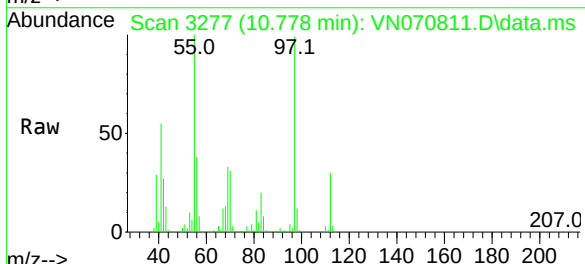
Instrument :
MSVOA_N
ClientSampleId :
MW-3

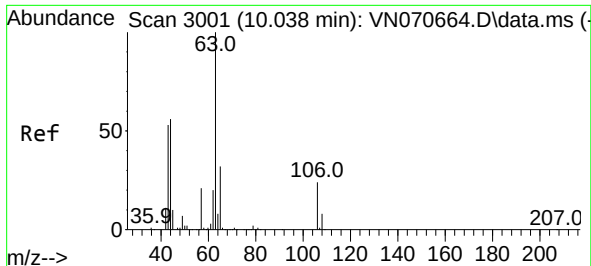
Tgt Ion: 97 Resp: 189789
Ion Ratio Lower Upper
97 100
83 9.4 67.8 101.6#
85 1.2 45.4 68.2#
99 0.2 49.4 74.0#



#56
Ethyl methacrylate
Concen: 7.330 ug/l
RT: 10.778 min Scan# 3277
Delta R.T. 0.018 min
Lab File: VN070811.D
Acq: 27 Jan 2022 17:21

Tgt Ion: 69 Resp: 102705
Ion Ratio Lower Upper
69 100
41 158.3 51.4 77.0#
39 78.1 34.6 52.0#

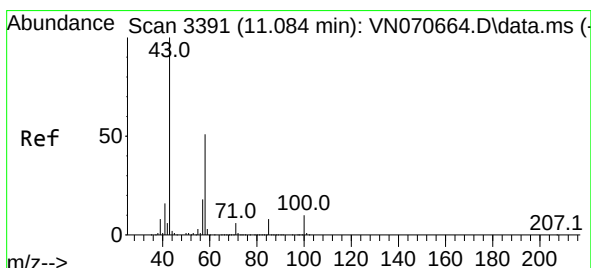
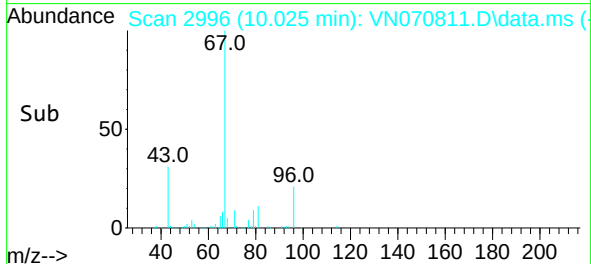
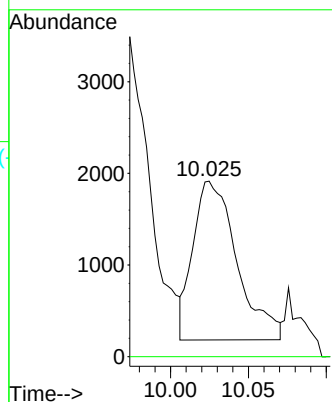
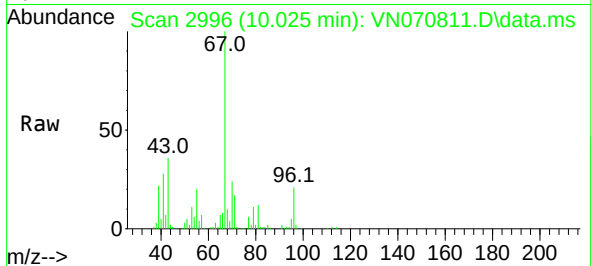




#58
2-Chloroethyl Vinyl ether
Concen: 21.865 ug/l
RT: 10.025 min Scan# 2996
Delta R.T. -0.013 min
Lab File: VN070811.D
Acq: 27 Jan 2022 17:21

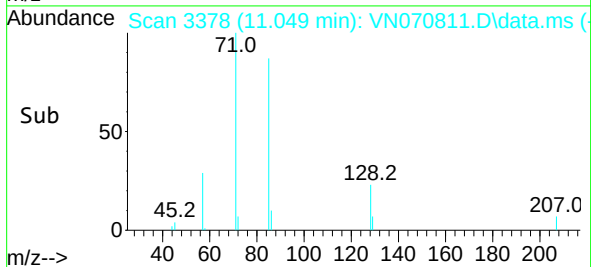
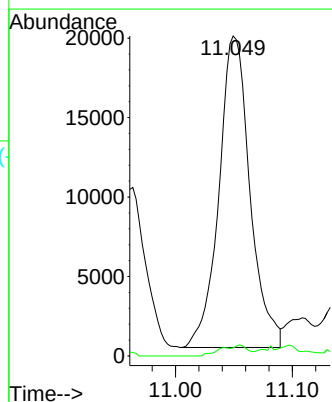
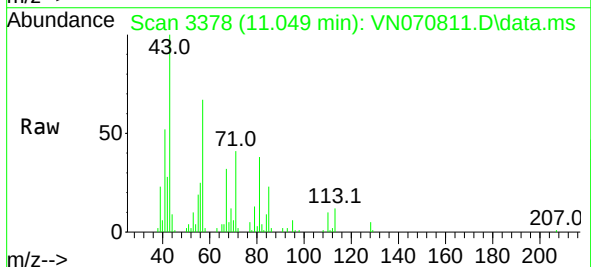
Instrument :
MSVOA_N
ClientSampleId :
MW-3

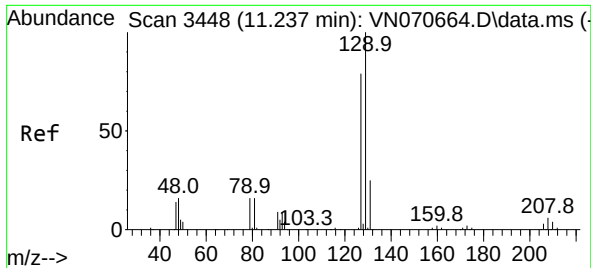
Tgt Ion: 63 Resp: 3396
Ion Ratio Lower Upper
63 100
106 0.0 23.9 35.9#



#59
2-Hexanone
Concen: 2.738 ug/l
RT: 11.049 min Scan# 3378
Delta R.T. -0.035 min
Lab File: VN070811.D
Acq: 27 Jan 2022 17:21

Tgt Ion: 43 Resp: 36207
Ion Ratio Lower Upper
43 100
58 1.2 26.9 80.7#

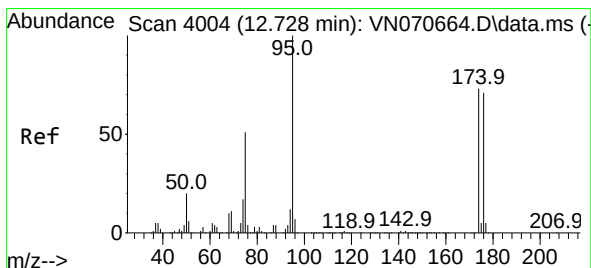
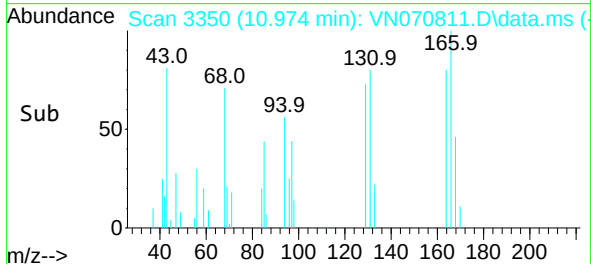
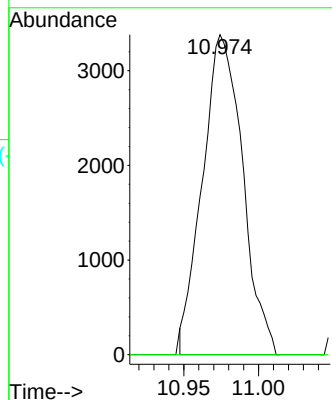
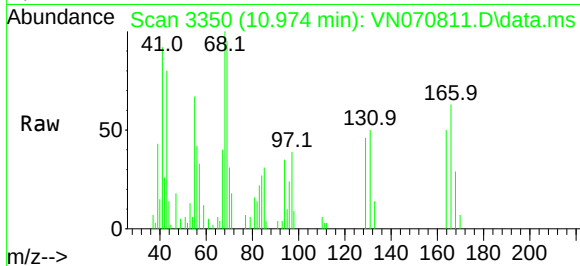




#60
Dibromochloromethane
Concen: 0.660 ug/l
RT: 10.974 min Scan# 311
Delta R.T. -0.263 min
Lab File: VN070811.D
Acq: 27 Jan 2022 17:21

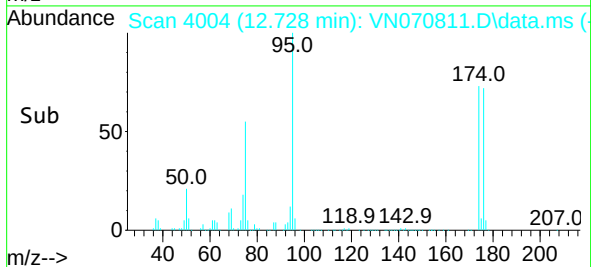
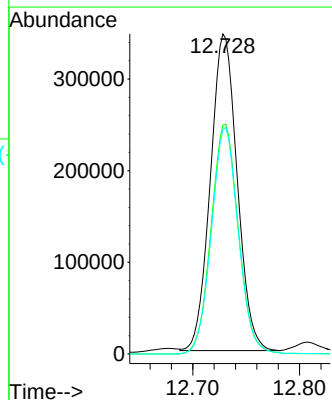
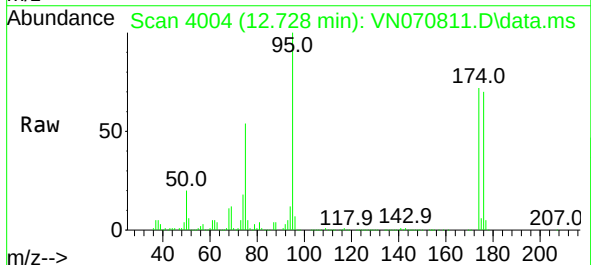
Instrument :
MSVOA_N
ClientSampleId :
MW-3

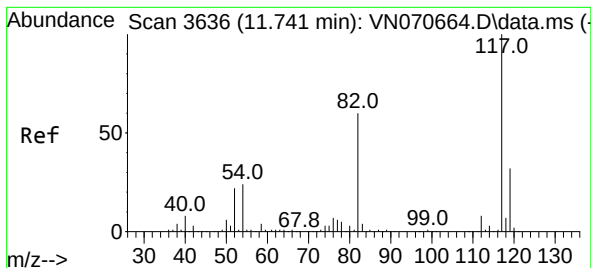
Tgt Ion:129 Resp: 6307
Ion Ratio Lower Upper
129 100
127 0.0 38.6 116.0#



#62
4-Bromofluorobenzene
Concen: 47.946 ug/l
RT: 12.728 min Scan# 4004
Delta R.T. 0.000 min
Lab File: VN070811.D
Acq: 27 Jan 2022 17:21

Tgt Ion: 95 Resp: 601554
Ion Ratio Lower Upper
95 100
174 74.0 0.0 187.2
176 71.9 0.0 181.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.744 min Scan# 3

Delta R.T. 0.003 min

Lab File: VN070811.D

Acq: 27 Jan 2022 17:21

Instrument :

MSVOA_N

ClientSampleId :

MW-3

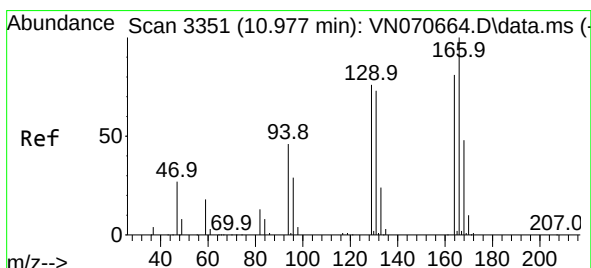
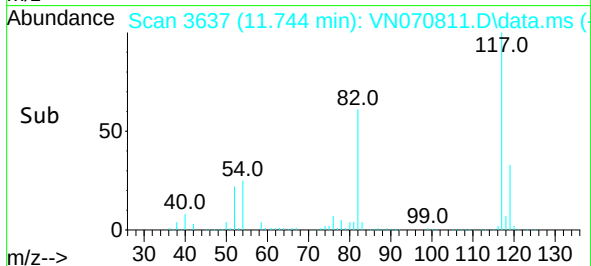
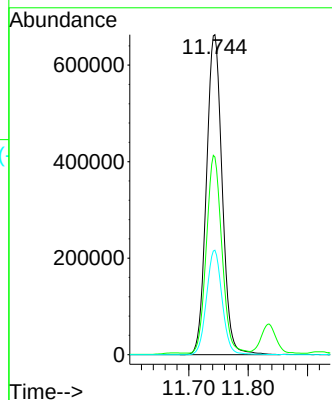
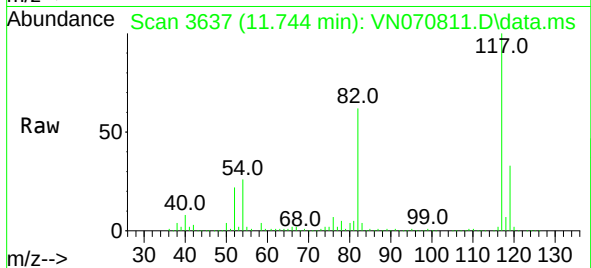
Tgt Ion:117 Resp: 1219314

Ion Ratio Lower Upper

117 100

82 61.2 42.4 63.6

119 32.6 25.4 38.2



#64

Tetrachloroethene

Concen: 0.733 ug/l

RT: 10.977 min Scan# 3351

Delta R.T. -0.000 min

Lab File: VN070811.D

Acq: 27 Jan 2022 17:21

Tgt Ion:164 Resp: 6553

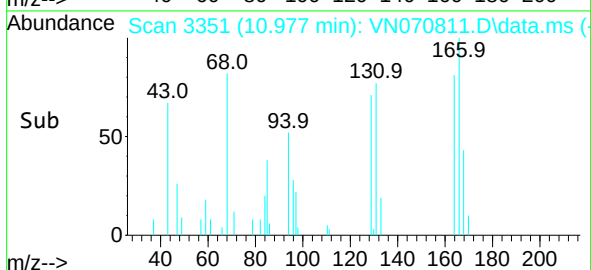
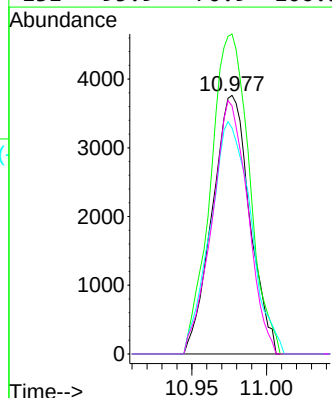
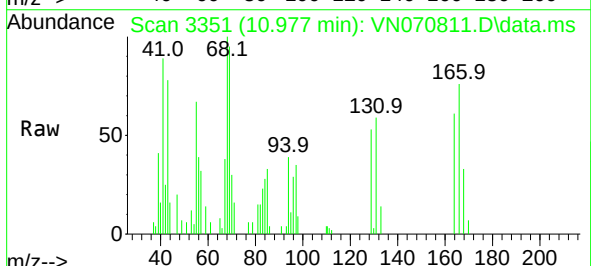
Ion Ratio Lower Upper

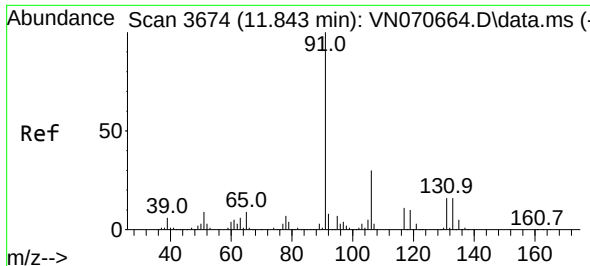
164 100

166 123.8 101.9 152.9

129 87.4 72.0 108.0

131 95.9 70.9 106.3

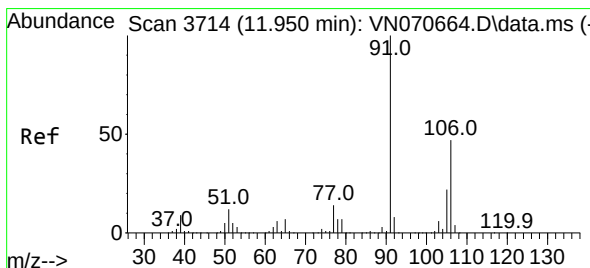
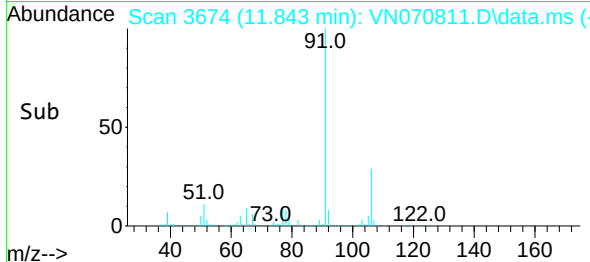
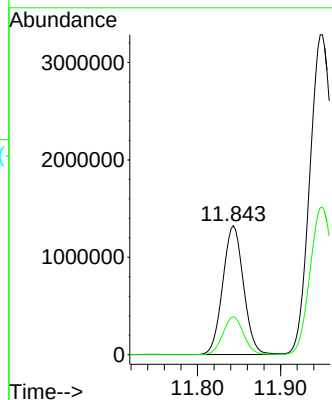
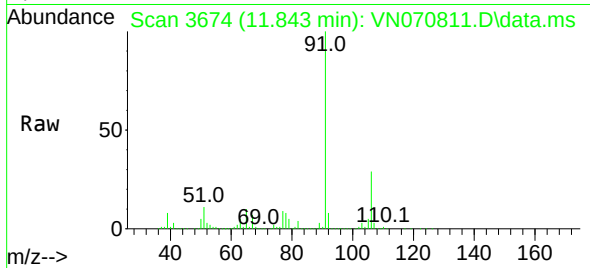




#67
Ethyl Benzene
Concen: 47.057 ug/l
RT: 11.843 min Scan# 3674
Delta R.T. 0.000 min
Lab File: VN070811.D
Acq: 27 Jan 2022 17:21

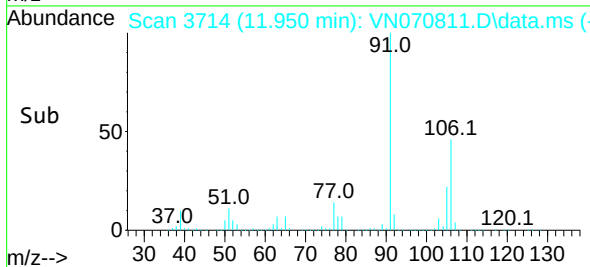
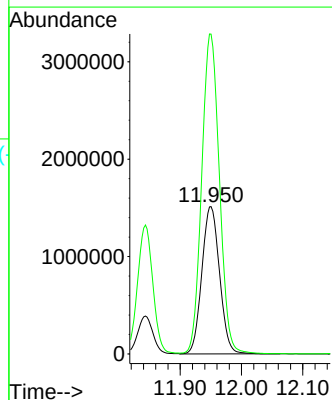
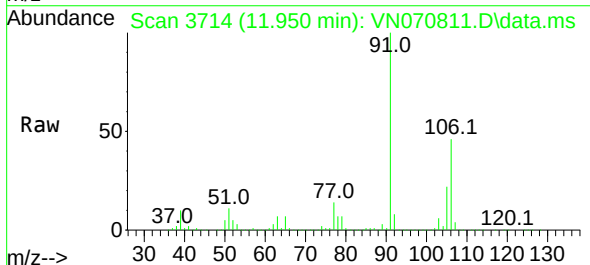
Instrument :
MSVOA_N
ClientSampleId :
MW-3

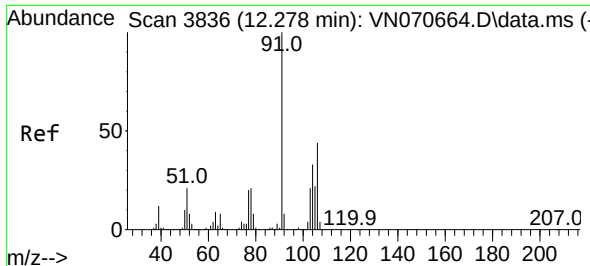
Tgt Ion: 91 Resp: 2304818
Ion Ratio Lower Upper
91 100
106 29.4 25.7 38.5



#68
m/p-Xylenes
Concen: 170.253 ug/l
RT: 11.950 min Scan# 3714
Delta R.T. 0.000 min
Lab File: VN070811.D
Acq: 27 Jan 2022 17:21

Tgt Ion:106 Resp: 3033559
Ion Ratio Lower Upper
106 100
91 217.5 160.6 240.8

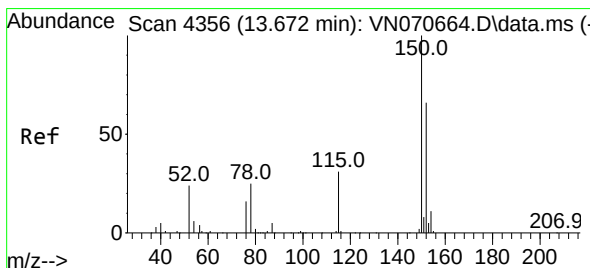
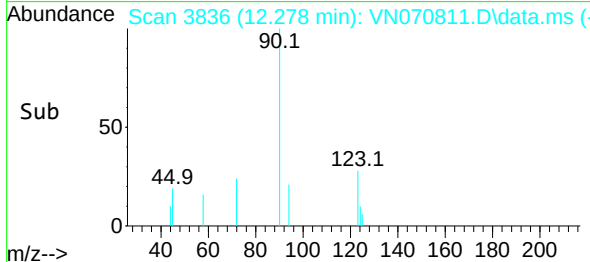
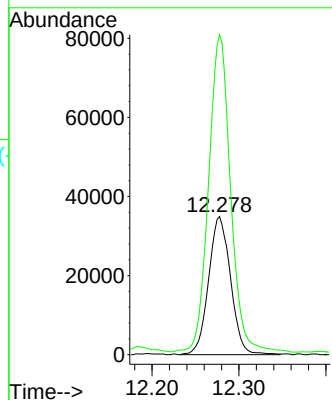
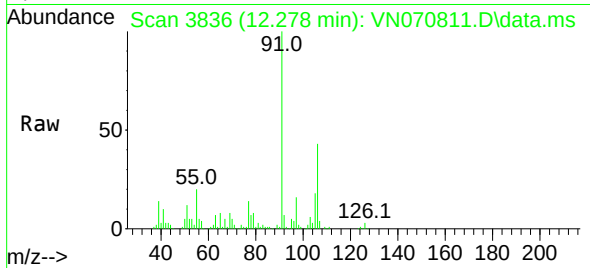




#69
o-Xylene
Concen: 3.473 ug/l
RT: 12.278 min Scan# 3836
Delta R.T. -0.000 min
Lab File: VN070811.D
Acq: 27 Jan 2022 17:21

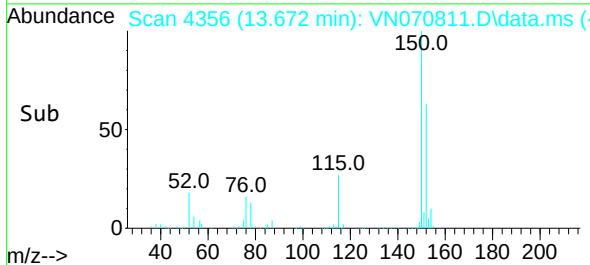
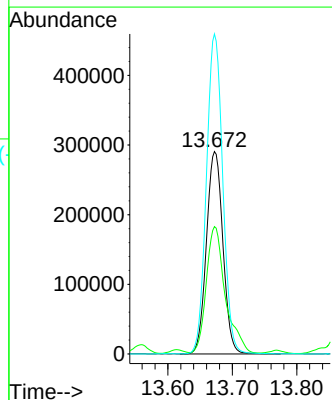
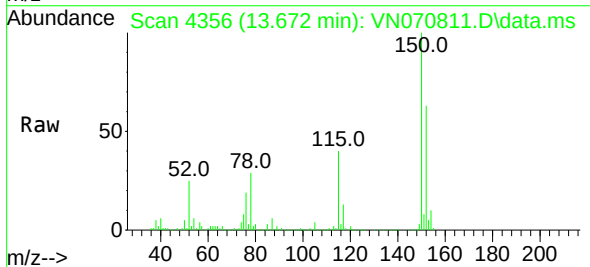
Instrument :
MSVOA_N
ClientSampleId :
MW-3

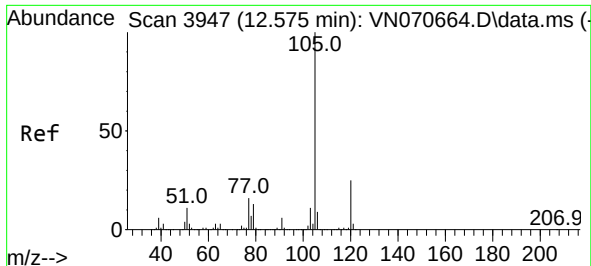
Tgt Ion:106 Resp: 61418
Ion Ratio Lower Upper
106 100
91 229.1 105.8 317.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.672 min Scan# 4356
Delta R.T. 0.000 min
Lab File: VN070811.D
Acq: 27 Jan 2022 17:21

Tgt Ion:152 Resp: 516535
Ion Ratio Lower Upper
152 100
115 72.7 27.5 82.5
150 156.5 0.0 344.4

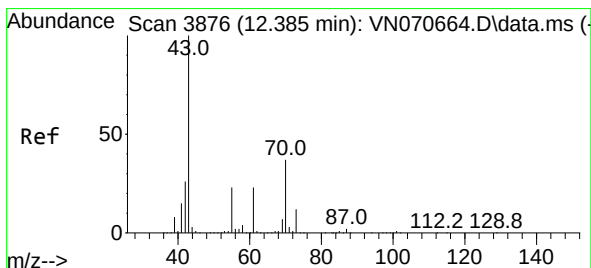
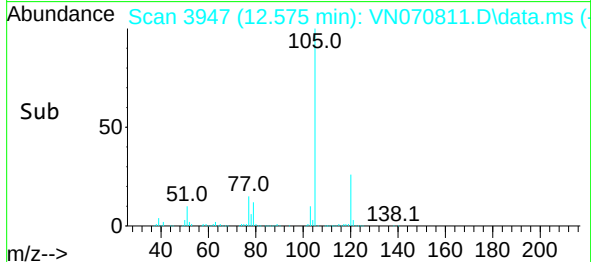
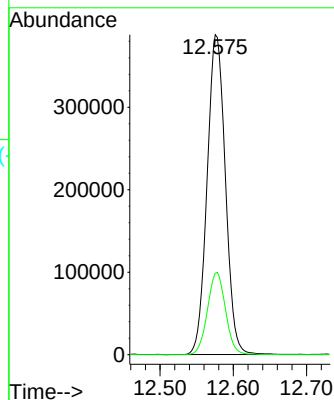
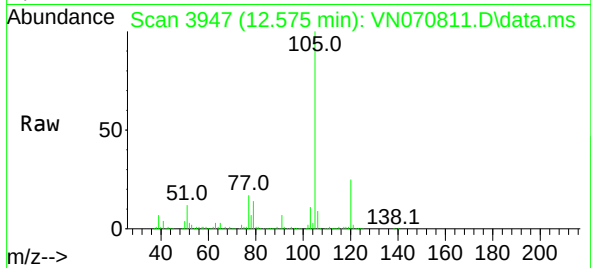




#73
Isopropylbenzene
Concen: 13.720 ug/l
RT: 12.575 min Scan# 3947
Delta R.T. 0.000 min
Lab File: VN070811.D
Acq: 27 Jan 2022 17:21

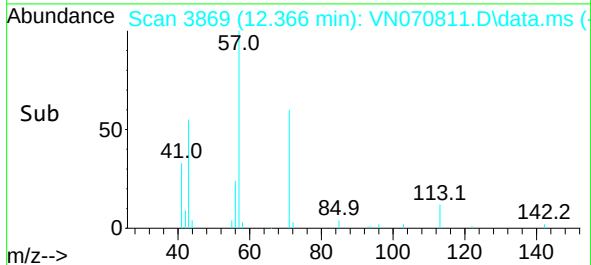
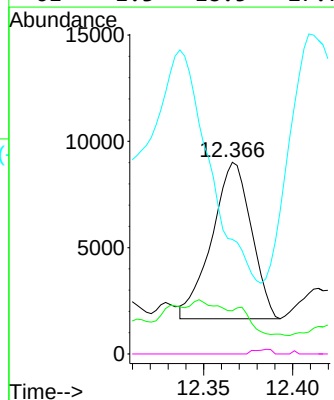
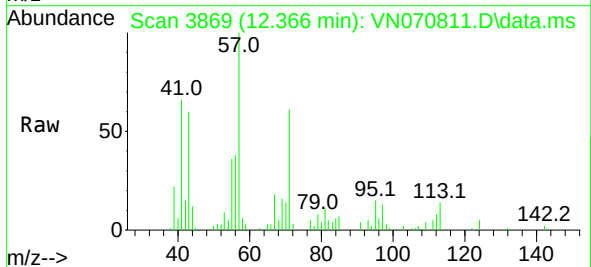
Instrument :
MSVOA_N
ClientSampleId :
MW-3

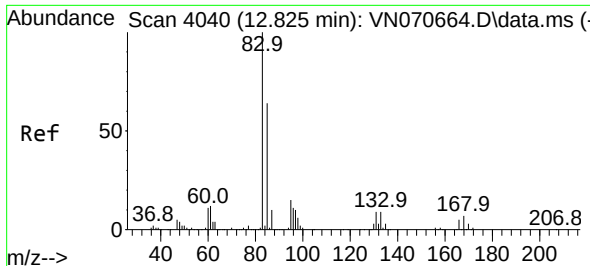
Tgt Ion:105 Resp: 670428
Ion Ratio Lower Upper
105 100
120 25.5 13.4 40.1



#74
N-ethyl acetate
Concen: 0.568 ug/l
RT: 12.366 min Scan# 3869
Delta R.T. -0.019 min
Lab File: VN070811.D
Acq: 27 Jan 2022 17:21

Tgt Ion: 43 Resp: 11347
Ion Ratio Lower Upper
43 100
70 0.0 33.4 50.0#
55 0.0 19.3 28.9#
61 1.3 18.5 27.7#

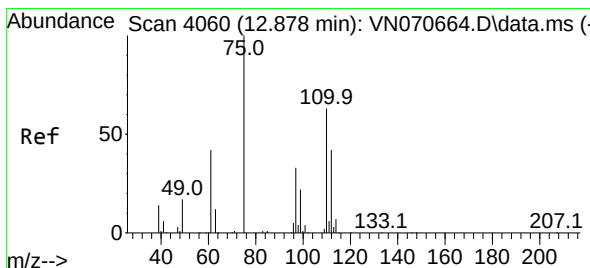
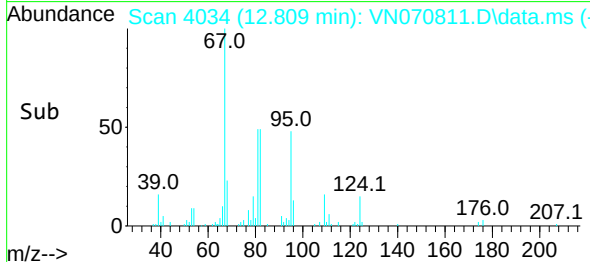
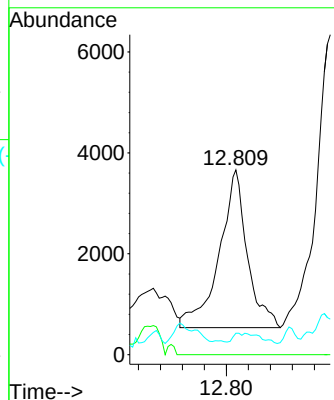
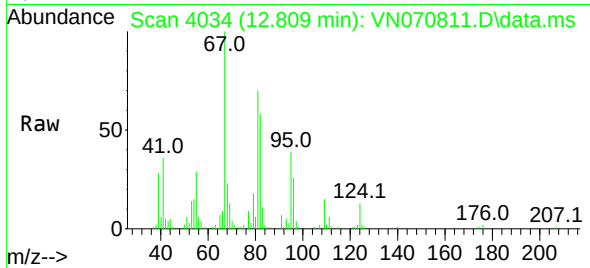




#75
 1,1,2,2-Tetrachloroethane
 Concen: 0.334 ug/l
 RT: 12.809 min Scan# 4034
 Delta R.T. -0.016 min
 Lab File: VN070811.D
 Acq: 27 Jan 2022 17:21

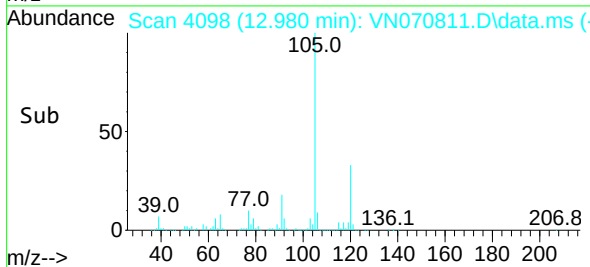
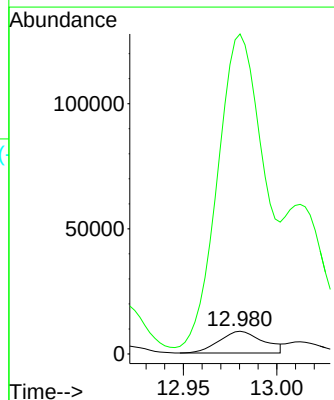
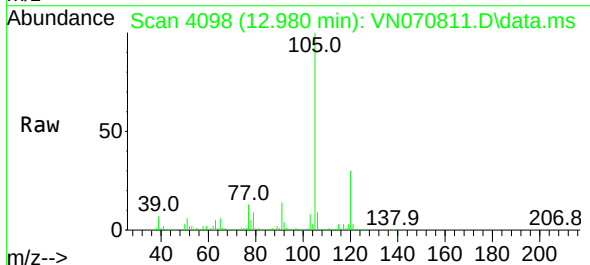
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-3

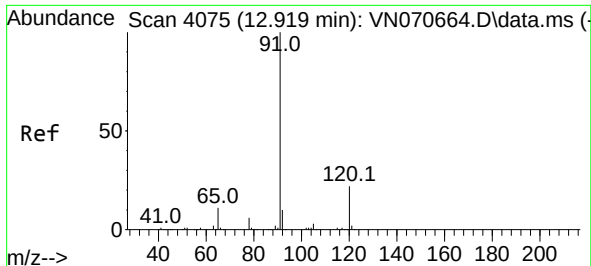
Tgt Ion: 83 Resp: 5520
 Ion Ratio Lower Upper
 83 100
 131 0.0 5.5 16.5#
 85 0.0 32.4 97.2#



#76
 1,2,3-Trichloropropane
 Concen: 1.042 ug/l
 RT: 12.980 min Scan# 4098
 Delta R.T. 0.102 min
 Lab File: VN070811.D
 Acq: 27 Jan 2022 17:21

Tgt Ion: 75 Resp: 14276
 Ion Ratio Lower Upper
 75 100
 77 1512.6 82.6 247.8#

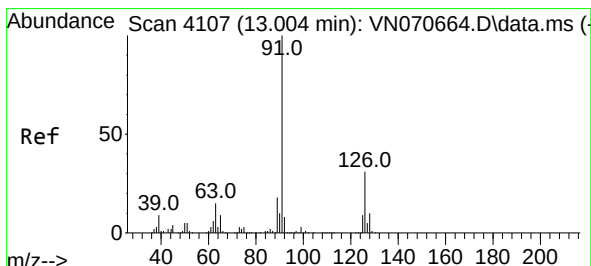
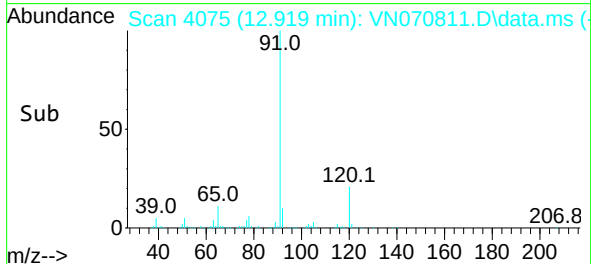
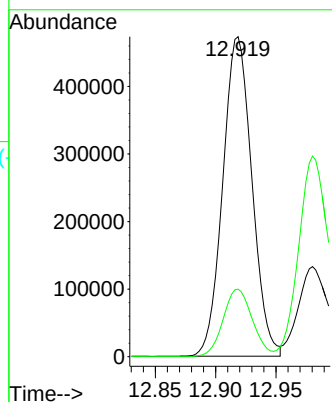
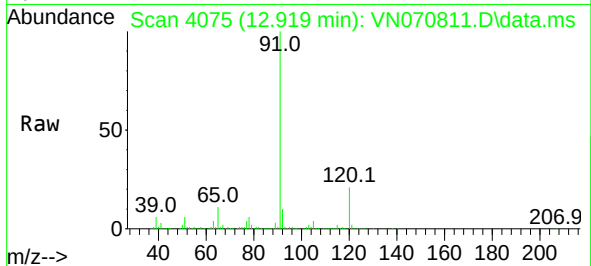




#78
n-propylbenzene
Concen: 14.558 ug/l
RT: 12.919 min Scan# 4075
Delta R.T. -0.000 min
Lab File: VN070811.D
Acq: 27 Jan 2022 17:21

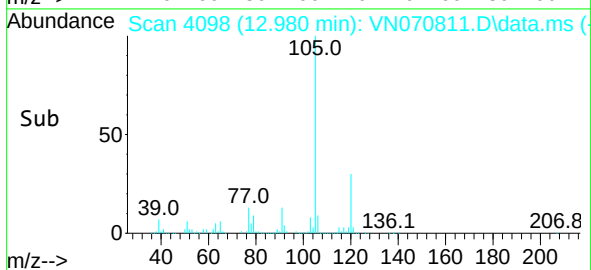
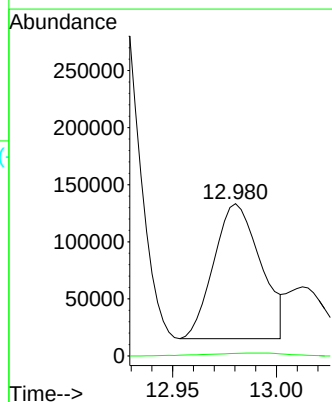
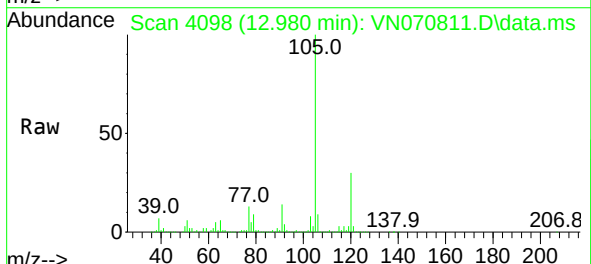
Instrument :
MSVOA_N
ClientSampleId :
MW-3

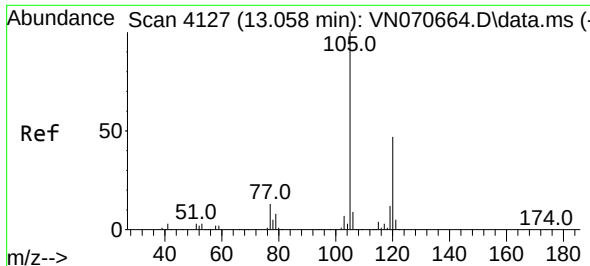
Tgt Ion: 91 Resp: 795572
Ion Ratio Lower Upper
91 100
120 21.3 11.9 35.9



#79
2-Chlorotoluene
Concen: 5.389 ug/l
RT: 12.980 min Scan# 4098
Delta R.T. -0.024 min
Lab File: VN070811.D
Acq: 27 Jan 2022 17:21

Tgt Ion: 91 Resp: 186305
Ion Ratio Lower Upper
91 100
126 3.7 18.3 54.8#

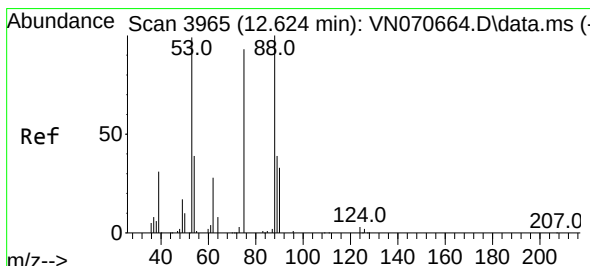
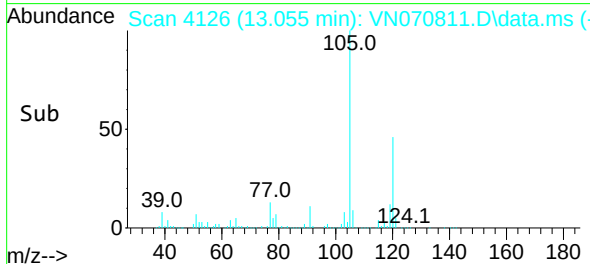
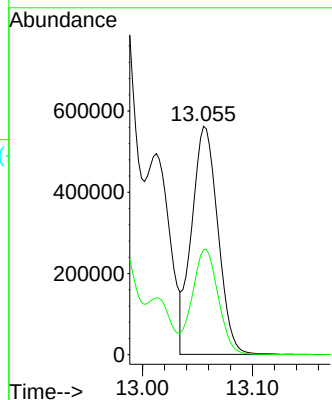
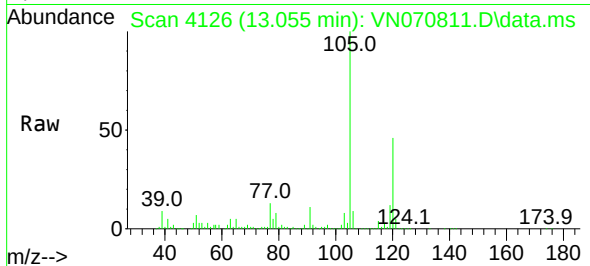




#80
1,3,5-Trimethylbenzene
Concen: 23.465 ug/l
RT: 13.055 min Scan# 41
Delta R.T. -0.003 min
Lab File: VN070811.D
Acq: 27 Jan 2022 17:21

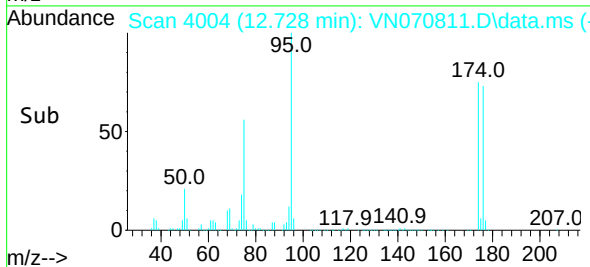
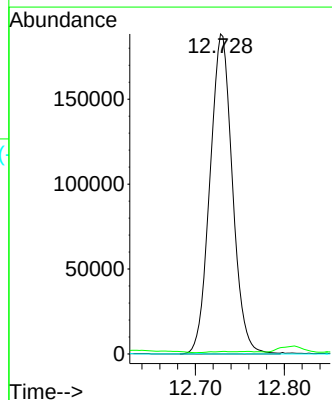
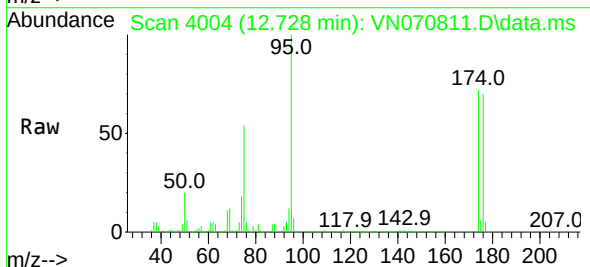
Instrument :
MSVOA_N
ClientSampleId :
MW-3

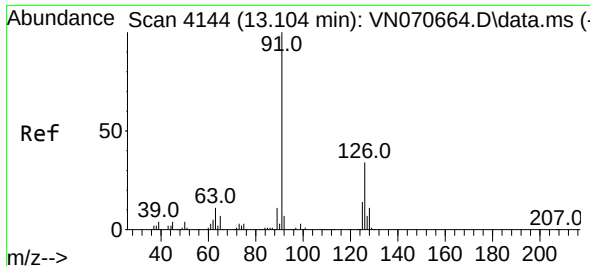
Tgt Ion:105 Resp: 927287
Ion Ratio Lower Upper
105 100
120 46.0 24.6 73.6



#81
trans-1,4-Dichloro-2-butene
Concen: 71.755 ug/l
RT: 12.728 min Scan# 4004
Delta R.T. 0.104 min
Lab File: VN070811.D
Acq: 27 Jan 2022 17:21

Tgt Ion: 75 Resp: 329969
Ion Ratio Lower Upper
75 100
53 0.3 90.5 135.7#
89 0.0 38.2 57.4#

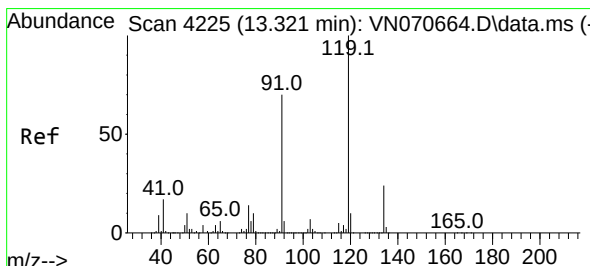
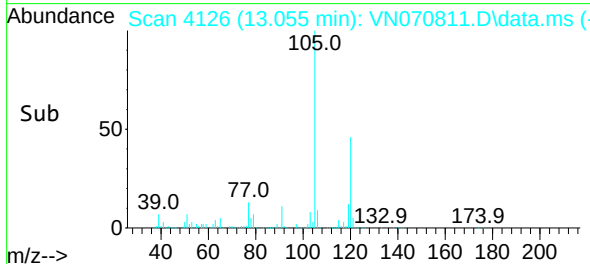
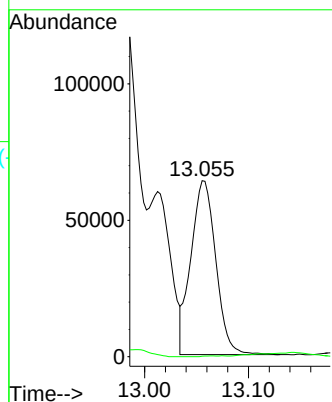
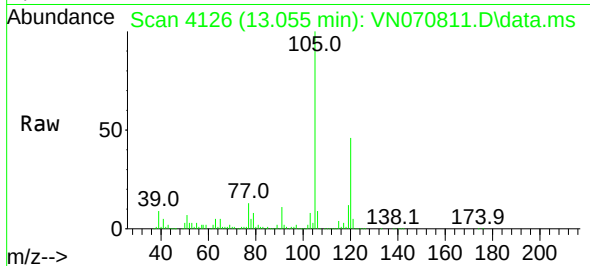




#82
4-Chlorotoluene
Concen: 3.282 ug/l
RT: 13.055 min Scan# 4144
Delta R.T. -0.049 min
Lab File: VN070811.D
Acq: 27 Jan 2022 17:21

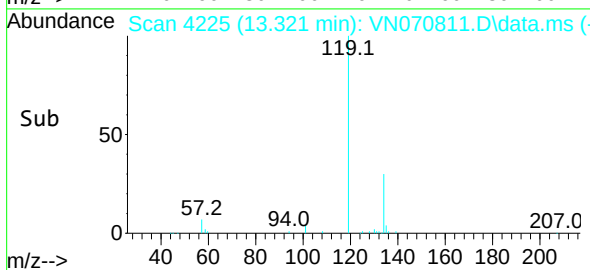
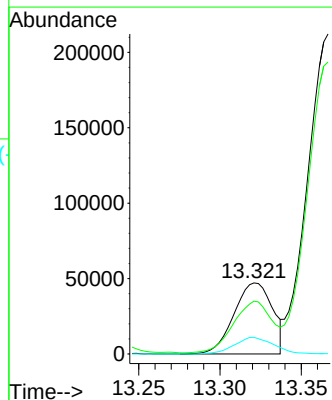
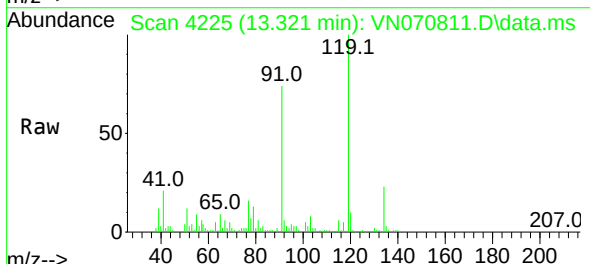
Instrument :
MSVOA_N
ClientSampleId :
MW-3

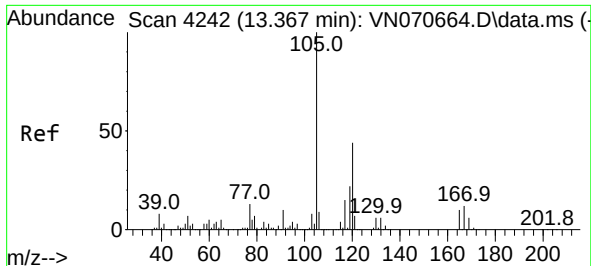
Tgt Ion: 91 Resp: 106011
Ion Ratio Lower Upper
91 100
126 0.0 18.2 54.6#



#83
tert-Butylbenzene
Concen: 2.261 ug/l
RT: 13.321 min Scan# 4225
Delta R.T. -0.000 min
Lab File: VN070811.D
Acq: 27 Jan 2022 17:21

Tgt Ion: 119 Resp: 77761
Ion Ratio Lower Upper
119 100
91 72.8 31.5 94.5
134 23.9 12.4 37.4

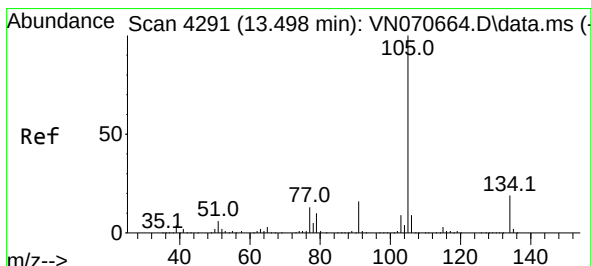
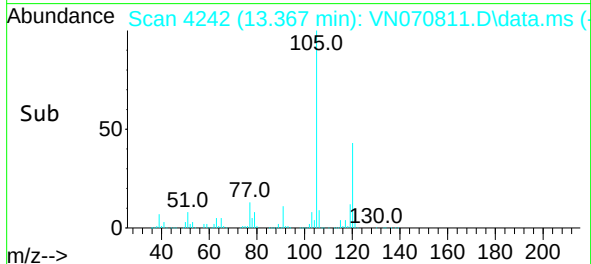
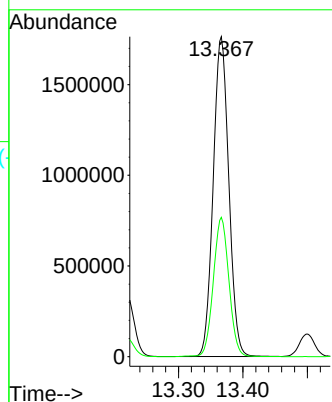
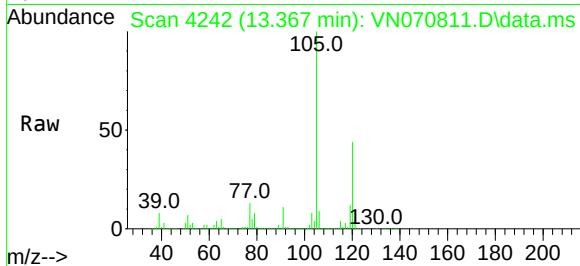




#84
1,2,4-Trimethylbenzene
Concen: 78.045 ug/l
RT: 13.367 min Scan# 4242
Delta R.T. -0.001 min
Lab File: VN070811.D
Acq: 27 Jan 2022 17:21

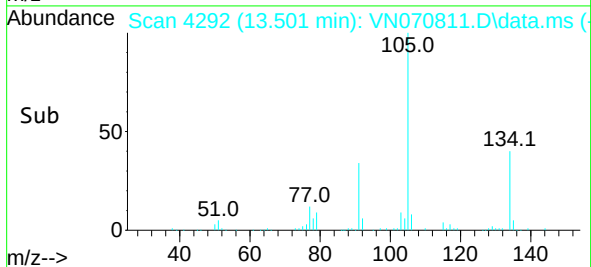
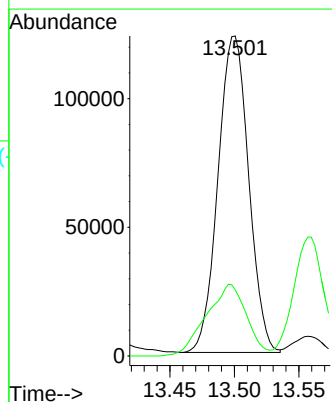
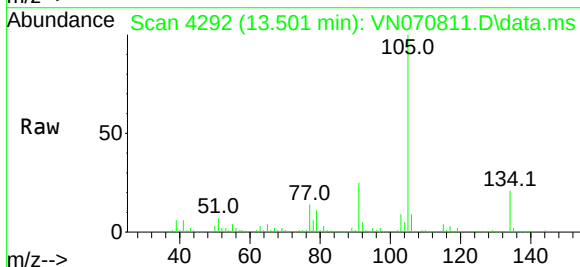
Instrument :
MSVOA_N
ClientSampleId :
MW-3

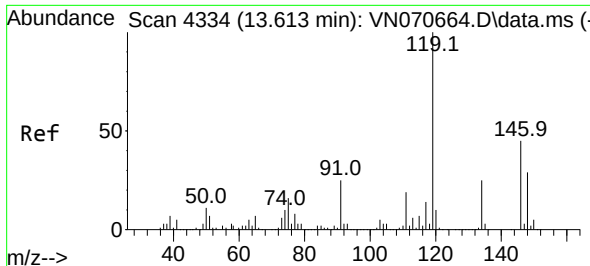
Tgt Ion:105 Resp: 2964558
Ion Ratio Lower Upper
105 100
120 43.6 22.8 68.4



#85
sec-Butylbenzene
Concen: 4.355 ug/l
RT: 13.501 min Scan# 4292
Delta R.T. 0.003 min
Lab File: VN070811.D
Acq: 27 Jan 2022 17:21

Tgt Ion:105 Resp: 203663
Ion Ratio Lower Upper
105 100
134 29.7 10.4 31.1

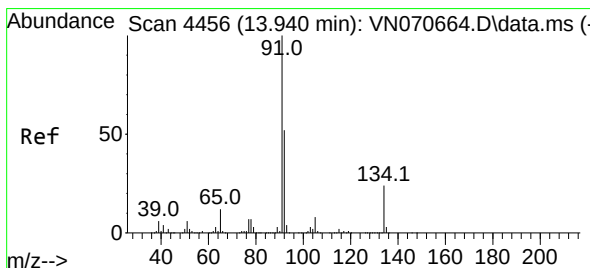
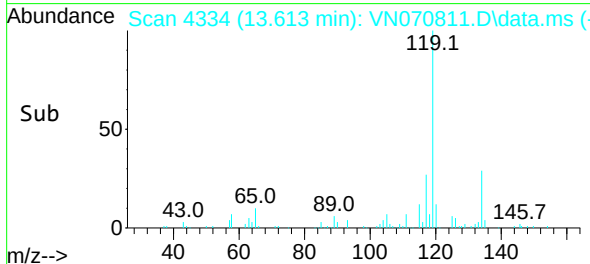
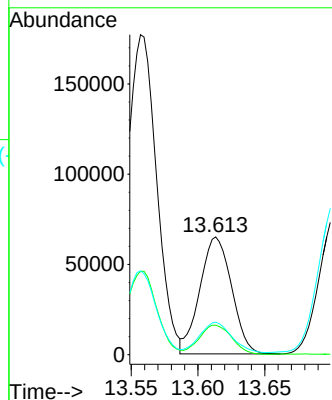
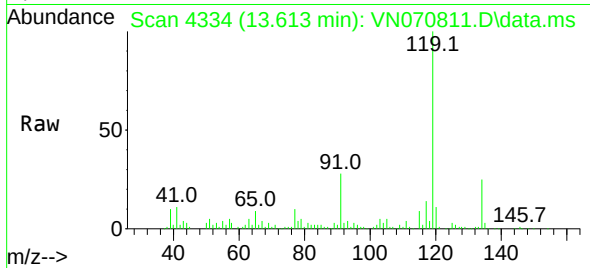




#86
p-Isopropyltoluene
Concen: 2.923 ug/l
RT: 13.613 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN070811.D
Acq: 27 Jan 2022 17:21

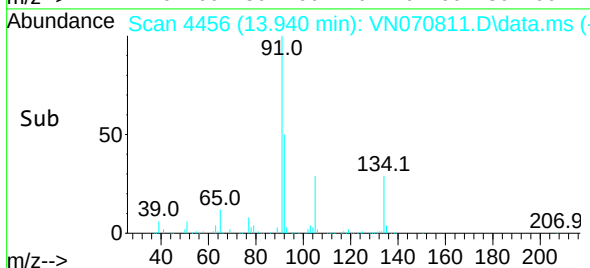
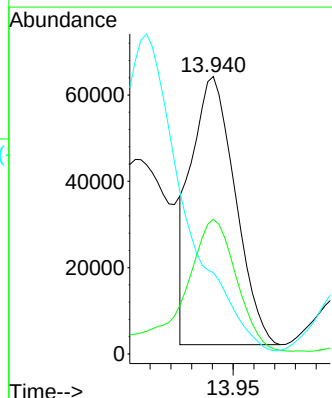
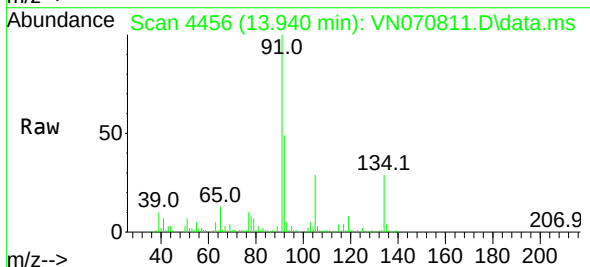
Instrument :
MSVOA_N
ClientSampleId :
MW-3

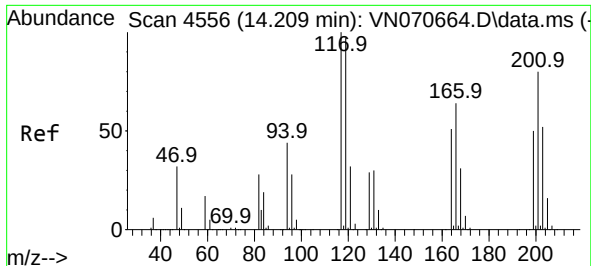
Tgt Ion:119 Resp: 107385
Ion Ratio Lower Upper
119 100
134 25.2 13.6 40.7
91 25.7 11.4 34.1



#89
n-Butylbenzene
Concen: 2.990 ug/l
RT: 13.940 min Scan# 4456
Delta R.T. 0.000 min
Lab File: VN070811.D
Acq: 27 Jan 2022 17:21

Tgt Ion: 91 Resp: 90604
Ion Ratio Lower Upper
91 100
92 56.9 25.4 76.0
134 0.0 13.6 40.8#

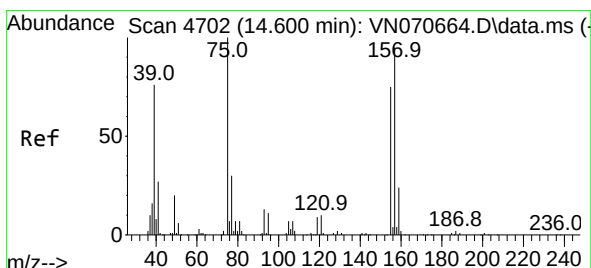
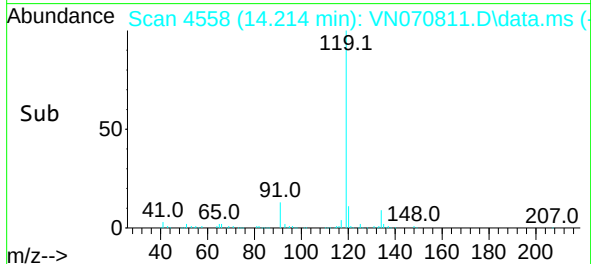
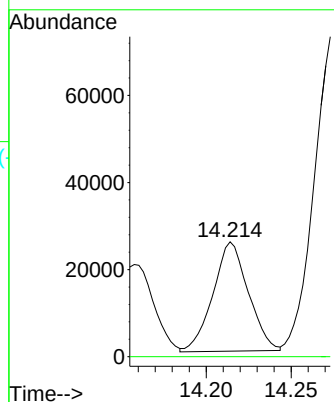
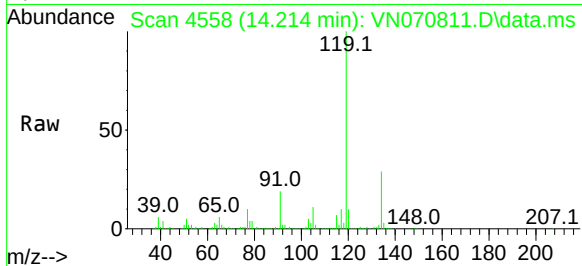




#90
Hexachloroethane
Concen: 5.673 ug/l
RT: 14.214 min Scan# 411
Delta R.T. 0.005 min
Lab File: VN070811.D
Acq: 27 Jan 2022 17:21

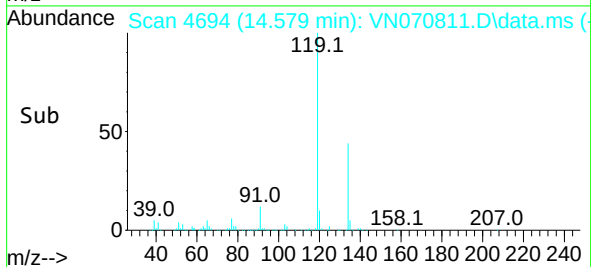
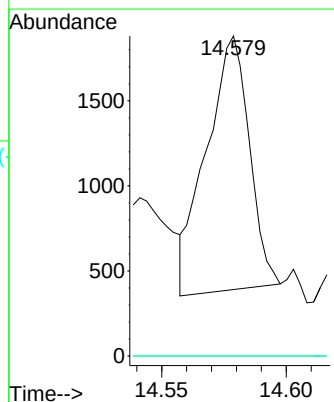
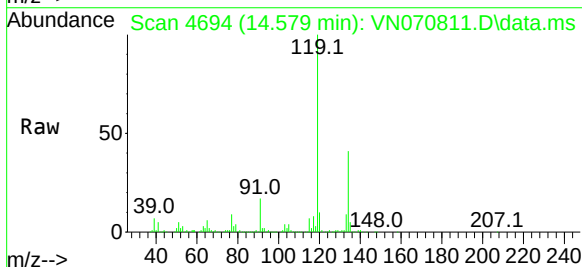
Instrument :
MSVOA_N
ClientSampleId :
MW-3

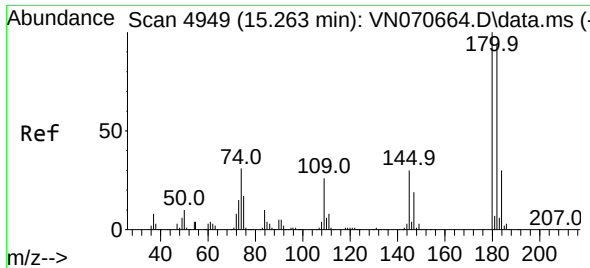
Tgt Ion:117 Resp: 36433
Ion Ratio Lower Upper
117 100
201 0.0 43.9 131.6#



#92
1,2-Dibromo-3-Chloropropane
Concen: 0.639 ug/l
RT: 14.579 min Scan# 4694
Delta R.T. -0.021 min
Lab File: VN070811.D
Acq: 27 Jan 2022 17:21

Tgt Ion: 75 Resp: 1790
Ion Ratio Lower Upper
75 100
155 0.0 46.9 140.7#
157 0.0 60.6 181.7#

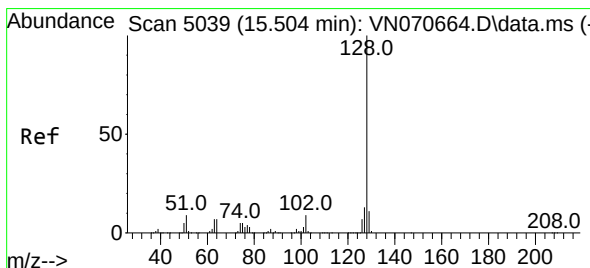
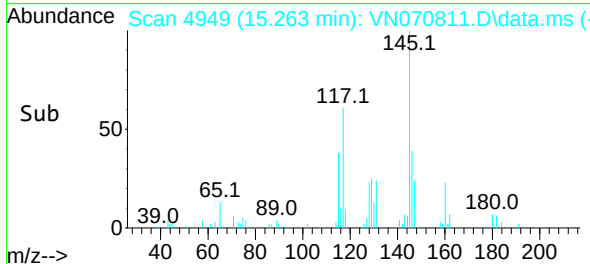
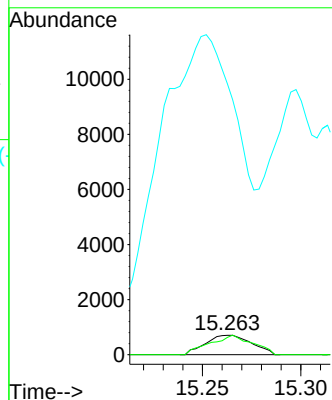
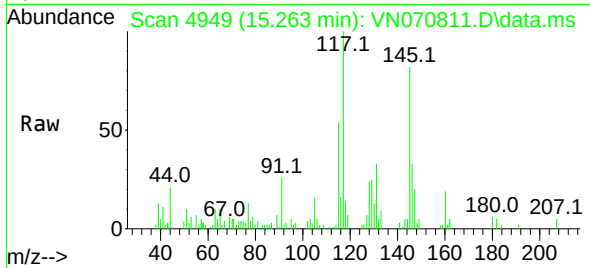




#93
1,2,4-Trichlorobenzene
Concen: 3.537 ug/l
RT: 15.263 min Scan# 4949
Delta R.T. -0.000 min
Lab File: VN070811.D
Acq: 27 Jan 2022 17:21

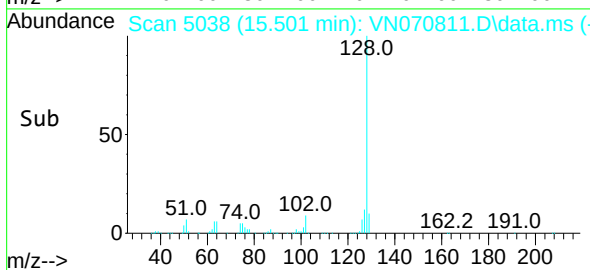
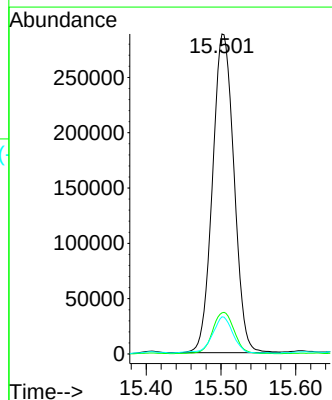
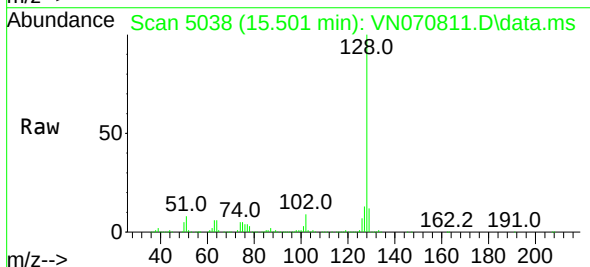
Instrument :
MSVOA_N
ClientSampleId :
MW-3

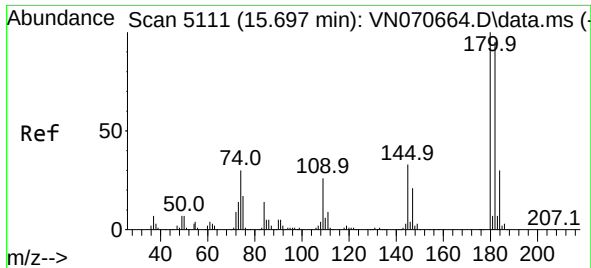
Tgt Ion:180 Resp: 1146
Ion Ratio Lower Upper
180 100
182 93.2 48.3 144.9
145 2246.9 14.5 43.5#



#95
Naphthalene
Concen: 24.259 ug/l
RT: 15.501 min Scan# 5038
Delta R.T. -0.003 min
Lab File: VN070811.D
Acq: 27 Jan 2022 17:21

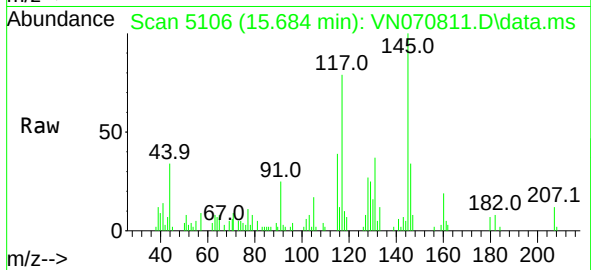
Tgt Ion:128 Resp: 574037
Ion Ratio Lower Upper
128 100
127 12.9 10.5 15.7
129 10.8 8.7 13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 3.266 ug/l
 RT: 15.684 min Scan# 5111
 Delta R.T. -0.013 min
 Lab File: VN070811.D
 Acq: 27 Jan 2022 17:21

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-3



Tgt Ion:180 Resp: 490
 Ion Ratio Lower Upper
 180 100
 182 128.0 47.4 142.2
 145 7667.3 15.0 45.1#

