

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020122\
 Data File : VN070876.D
 Acq On : 1 Feb 2022 17:20
 Operator : JC/MD
 Sample : N1342-05
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 31525

Quant Time: Feb 02 00:36:50 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	1249395	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	1969078	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.741	117	1683334	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	800559	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	759748	42.430	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	84.860%		
35) Dibromofluoromethane	8.021	113	572475	46.870	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	93.740%		
50) Toluene-d8	10.440	98	2411842	46.872	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	93.740%		
62) 4-Bromofluorobenzene	12.728	95	897657	48.956	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	97.920%		
Target Compounds						Qvalue
8) Diethyl Ether	3.824	74	1953799	195.066	ug/l	83
11) Tert butyl alcohol	5.371	59	5447620	1686.340	ug/l	100
14) Allyl chloride	5.084	41	33430	1.110	ug/l #	60
15) Acrylonitrile	5.618	53	32287	3.142	ug/l #	31
16) Acetone	4.283	43	5718785	460.156	ug/l	97
17) Carbon Disulfide	4.529	76	23313	0.621	ug/l	100
18) Methyl Acetate	4.854	43	1573146	64.365	ug/l	93
19) Methyl tert-butyl Ether	5.615	73	2483601	50.299	ug/l #	74
20) Methylene Chloride	5.098	84	29703	1.814	ug/l #	89
22) Diisopropyl ether	6.492	45	1442333	24.163	ug/l #	1
23) Vinyl Acetate	6.492	43	80757	1.596	ug/l #	77
24) 1,1-Dichloroethane	6.492	63	9199	0.308	ug/l #	83
25) 2-Butanone	7.332	43	5701884	364.604	ug/l	93
26) 2,2-Dichloropropane	7.319	77	6633	0.290	ug/l #	52
28) Bromochloromethane	7.656	49	4457	0.332	ug/l #	9
29) Tetrahydrofuran	7.683	42	261084	27.266	ug/l #	84
30) Chloroform	8.096	83	33660	0.655	ug/l #	24
31) Cyclohexane	8.094	56	893153	28.327	ug/l	89
36) 1,1-Dichloropropene	8.083	75	98561	4.793	ug/l #	49
37) Ethyl Acetate	7.332	43	5701884	208.868	ug/l #	68
38) Carbon Tetrachloride	8.086	117	122372	6.690	ug/l #	16
39) Methylcyclohexane	9.459	83	867614	34.178	ug/l	90
41) Methacrylonitrile	7.662	41	301572	21.714	ug/l #	27
42) 1,2-Dichloroethane	8.461	62	621703	28.141	ug/l #	76
43) Isopropyl Acetate	8.560	43	628136	15.064	ug/l #	86
45) 1,2-Dichloropropane	9.507	63	24074	1.389	ug/l #	62
48) Methyl methacrylate	9.531	41	1929346	97.127	ug/l #	33
49) 1,4-Dioxane	9.571	88	131620	441.116	ug/l #	27
51) 4-Methyl-2-Pentanone	10.330	43	802804	30.173	ug/l	100
53) t-1,3-Dichloropropene	10.800	75	86367	5.694	ug/l #	88
54) cis-1,3-Dichloropropene	10.161	75	129650	5.247	ug/l #	1
55) 1,1,2-Trichloroethane	10.875	97	28676	1.915	ug/l #	24
56) Ethyl methacrylate	10.784	69	21196	3.012	ug/l #	1
57) 1,3-Dichloropropane	11.089	76	170594	6.436	ug/l #	43
58) 2-Chloroethyl Vinyl ether	10.161	63	193676	45.771	ug/l #	84
59) 2-Hexanone	11.089	43	3382781	175.017	ug/l #	55

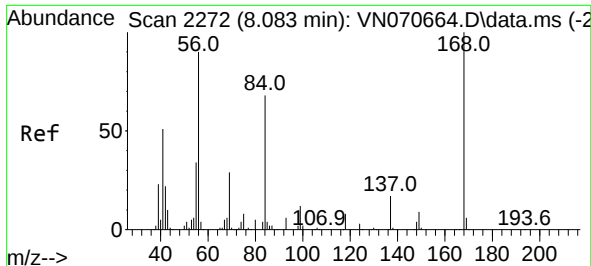
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020122\
 Data File : VN070876.D
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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
67) Ethyl Benzene	11.843	91	6054249	89.535	ug/l	96
68) m/p-Xylenes	11.948	106	12722145	517.186	ug/l #	1
69) o-Xylene	12.278	106	4595140	188.236	ug/l	92
70) Styrene	12.278	104	236370	6.053	ug/l #	1
73) Isopropylbenzene	12.575	105	811909	10.720	ug/l	98
74) N-amyl acetate	12.452	43	72373	2.337	ug/l #	15
75) 1,1,2,2-Tetrachloroethane	12.870	83	770243	30.114	ug/l #	25
76) 1,2,3-Trichloropropane	12.897	75	28816	1.357	ug/l #	25
78) n-propylbenzene	12.918	91	612607	7.233	ug/l	98
79) 2-Chlorotoluene	12.980	91	442069	8.251	ug/l	72
80) 1,3,5-Trimethylbenzene	13.058	105	3902077	63.711	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.623	75	78395	11.000	ug/l #	48
82) 4-Chlorotoluene	12.980	91	442069	8.831	ug/l	72
83) tert-Butylbenzene	13.321	119	92466	1.734	ug/l	98
84) 1,2,4-Trimethylbenzene	13.366	105	6962336	118.262	ug/l	97
85) sec-Butylbenzene	13.366	105	6962775	96.064	ug/l #	56
86) p-Isopropyltoluene	13.769	119	277755	4.878	ug/l	90
88) 1,4-Dichlorobenzene	13.686	146	6254	0.222	ug/l #	60
89) n-Butylbenzene	13.903	91	159244	3.390	ug/l #	1
90) Hexachloroethane	14.214	117	103334	10.382	ug/l #	6
92) 1,2-Dibromo-3-Chloropr...	14.624	75	24823	5.721	ug/l #	1
93) 1,2,4-Trichlorobenzene	15.260	180	3817	3.666	ug/l #	1
95) Naphthalene	15.501	128	1064124	28.045	ug/l #	94
96) 1,2,3-Trichlorobenzene	15.694	180	4899	3.540	ug/l #	1

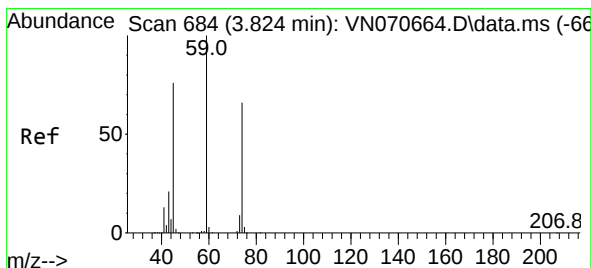
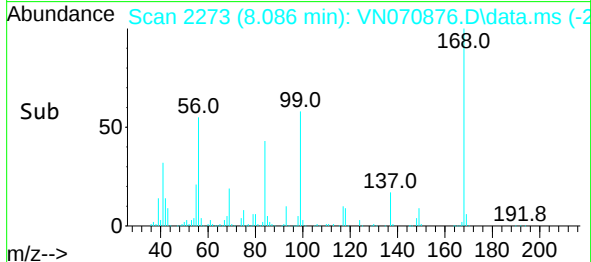
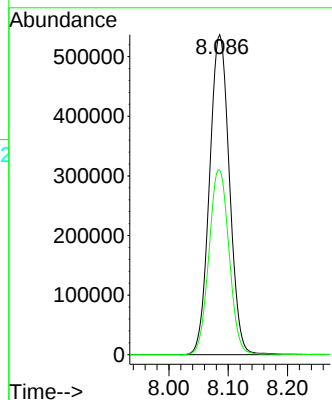
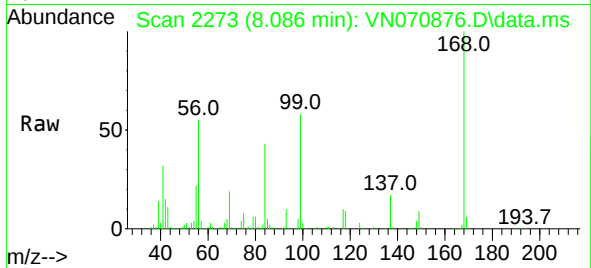
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. 0.003 min
Lab File: VN070876.D
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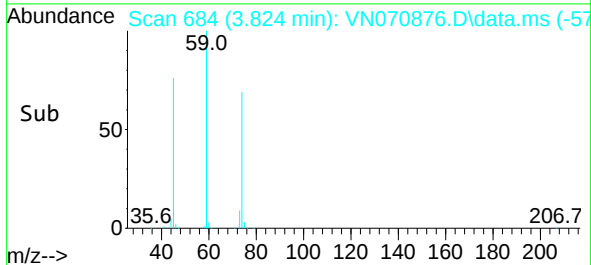
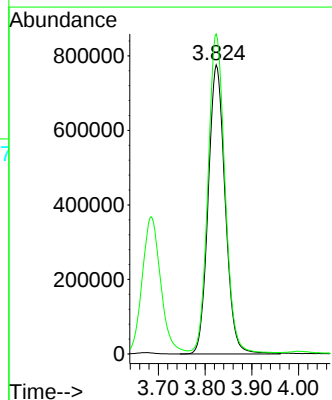
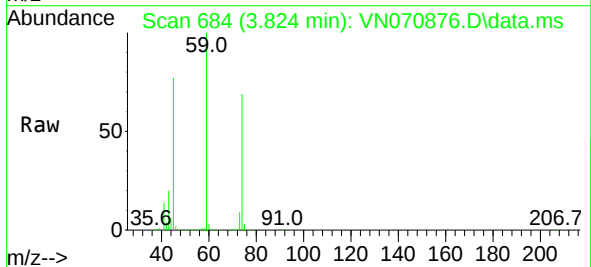
Instrument :
MSVOA_N
ClientSampleId :
31525

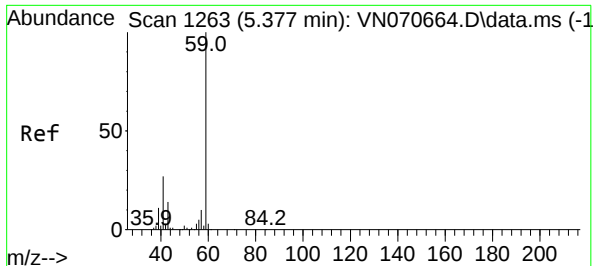
Tgt Ion:168 Resp: 1249395
Ion Ratio Lower Upper
168 100
99 57.7 41.3 61.9



#8
Diethyl Ether
Concen: 195.066 ug/l
RT: 3.824 min Scan# 684
Delta R.T. -0.000 min
Lab File: VN070876.D
Acq: 1 Feb 2022 17:20

Tgt Ion: 74 Resp: 1953799
Ion Ratio Lower Upper
74 100
45 110.4 47.0 141.2





#11

Tert butyl alcohol

Concen: 1686.340 ug/l

RT: 5.371 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN070876.D

Acq: 1 Feb 2022 17:20

Instrument :

MSVOA_N

ClientSampleId :

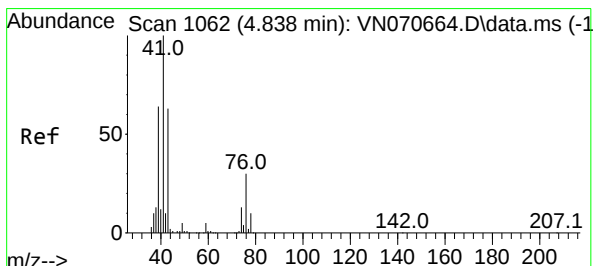
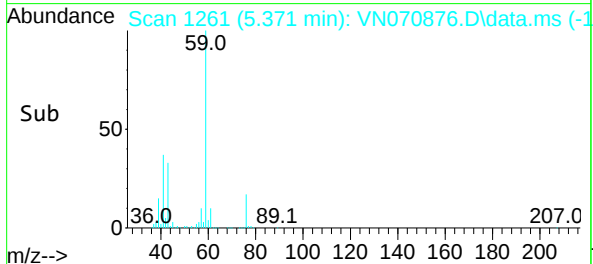
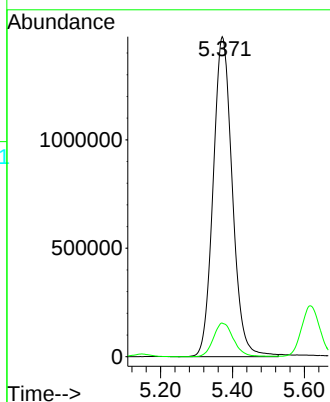
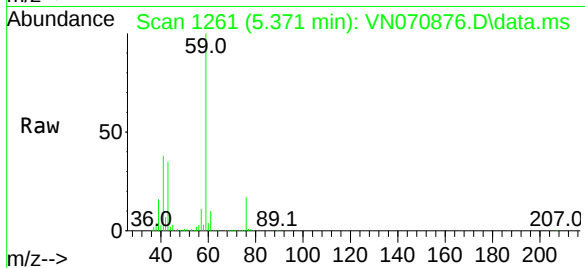
31525

Tgt Ion: 59 Resp: 5447620

Ion Ratio Lower Upper

59 100

57 11.0 8.7 13.1



#14

Allyl chloride

Concen: 1.110 ug/l

RT: 5.084 min Scan# 1154

Delta R.T. 0.246 min

Lab File: VN070876.D

Acq: 1 Feb 2022 17:20

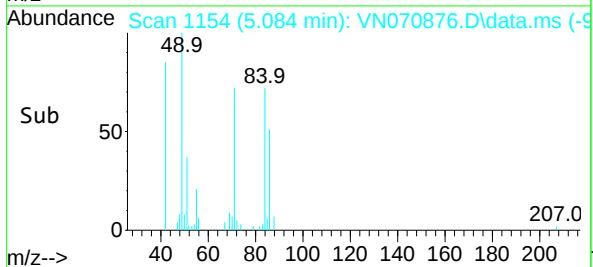
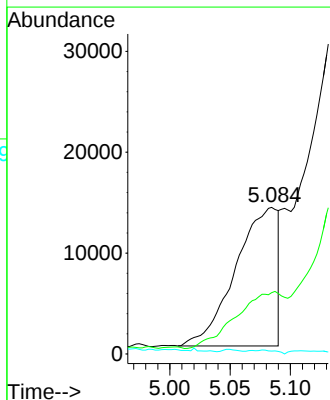
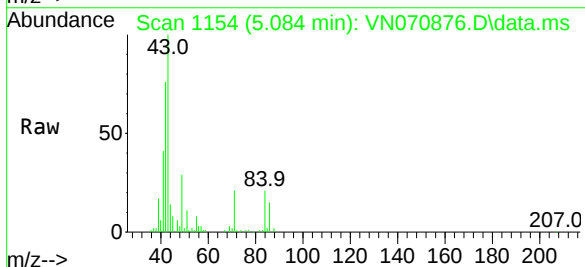
Tgt Ion: 41 Resp: 33430

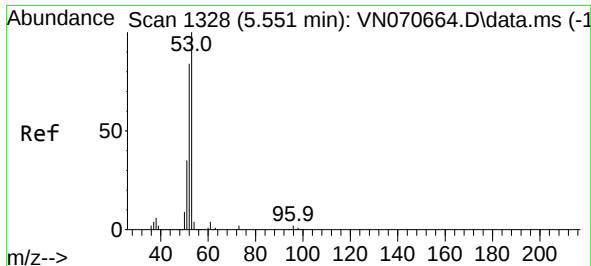
Ion Ratio Lower Upper

41 100

39 47.9 61.2 91.8#

76 1.7 26.0 39.0#

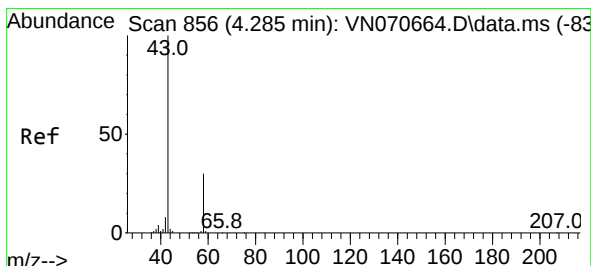
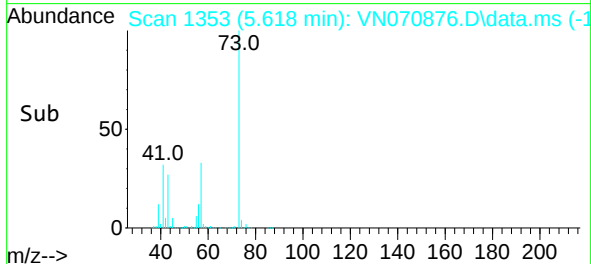
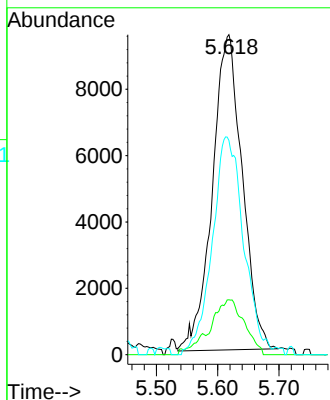
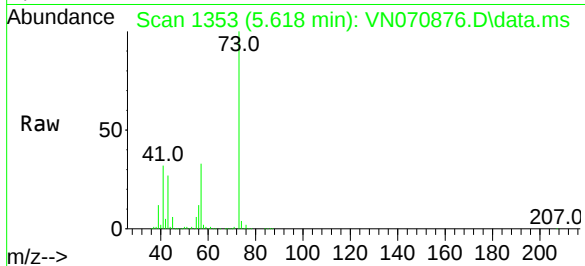




#15
Acrylonitrile
Concen: 3.142 ug/l
RT: 5.618 min Scan# 11
Delta R.T. 0.067 min
Lab File: VN070876.D
Acq: 1 Feb 2022 17:20

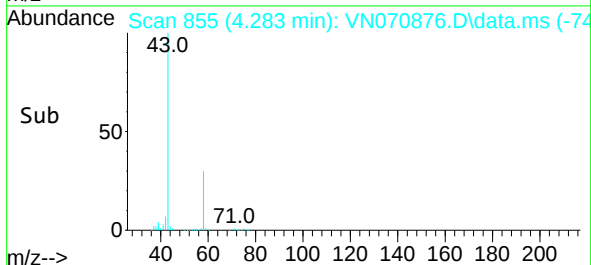
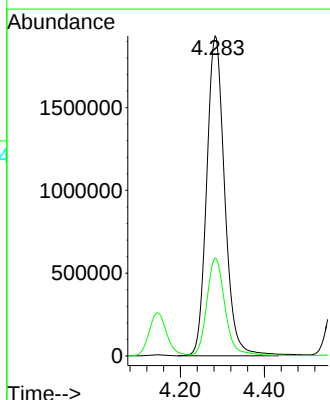
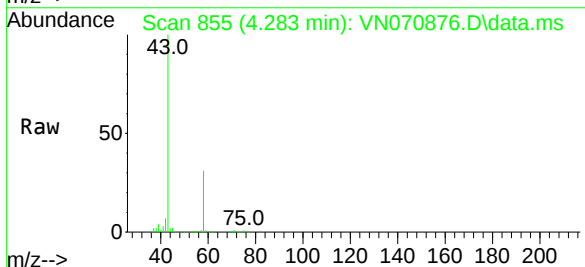
Instrument :
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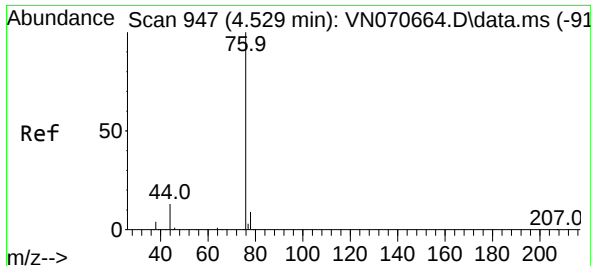
Tgt Ion: 53 Resp: 32287
Ion Ratio Lower Upper
53 100
52 17.0 66.2 99.2#
51 72.4 29.6 44.4#



#16
Acetone
Concen: 460.156 ug/l
RT: 4.283 min Scan# 855
Delta R.T. -0.002 min
Lab File: VN070876.D
Acq: 1 Feb 2022 17:20

Tgt Ion: 43 Resp: 5718785
Ion Ratio Lower Upper
43 100
58 30.3 23.1 34.7

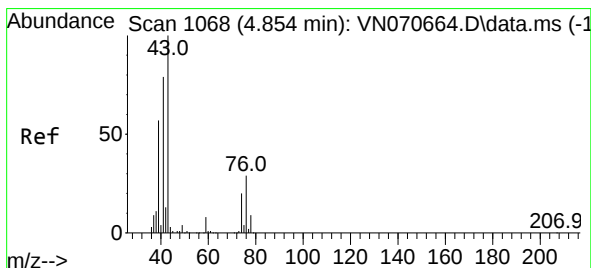
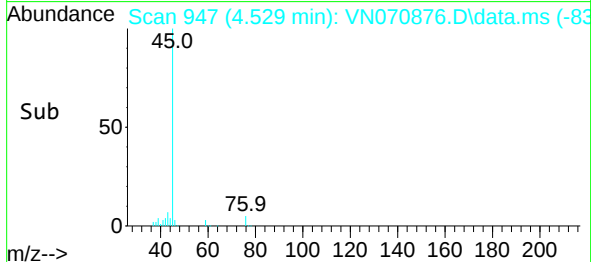
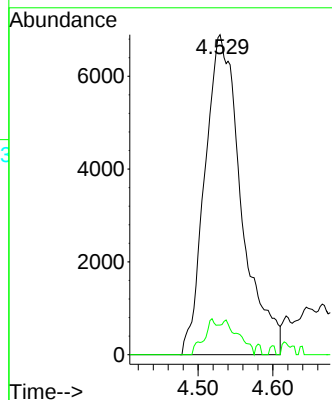
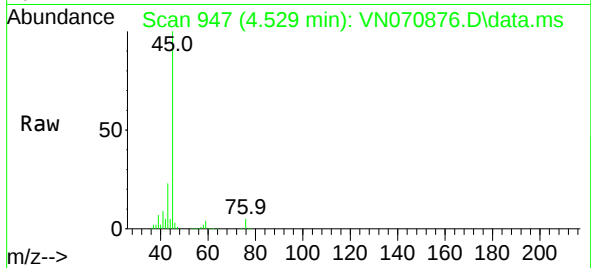




#17
Carbon Disulfide
Concen: 0.621 ug/l
RT: 4.529 min Scan# 947
Delta R.T. 0.000 min
Lab File: VN070876.D
Acq: 1 Feb 2022 17:20

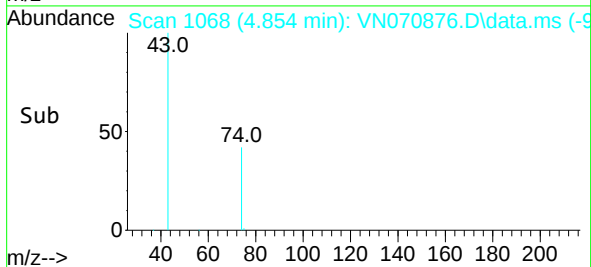
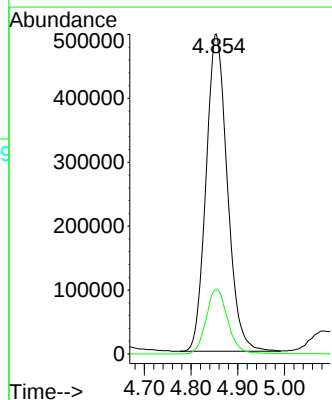
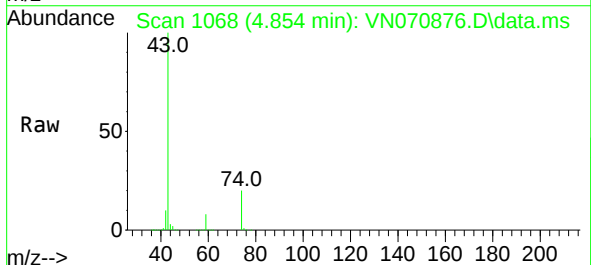
Instrument :
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ClientSampleId :
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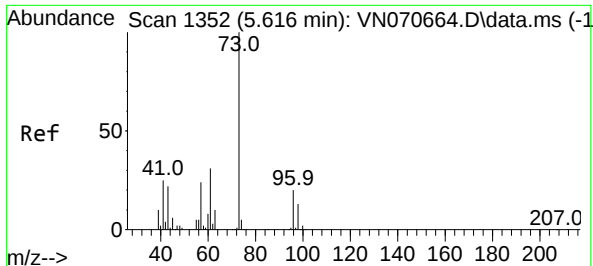
Tgt Ion: 76 Resp: 23313
Ion Ratio Lower Upper
76 100
78 9.3 7.5 11.3



#18
Methyl Acetate
Concen: 64.365 ug/l
RT: 4.854 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VN070876.D
Acq: 1 Feb 2022 17:20

Tgt Ion: 43 Resp: 1573146
Ion Ratio Lower Upper
43 100
74 20.6 19.4 29.2

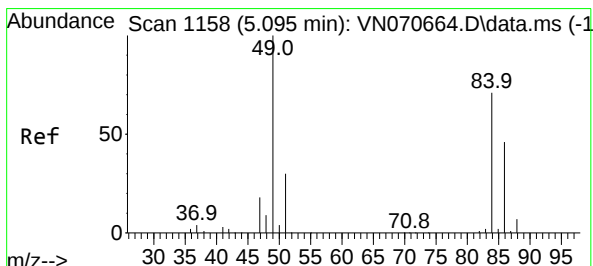
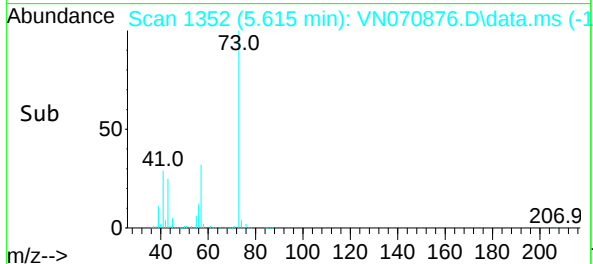
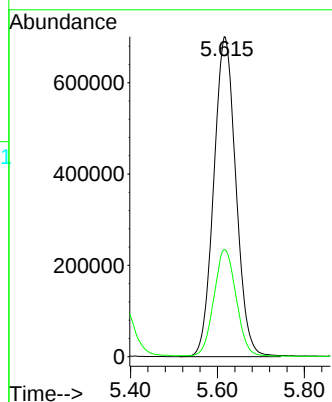
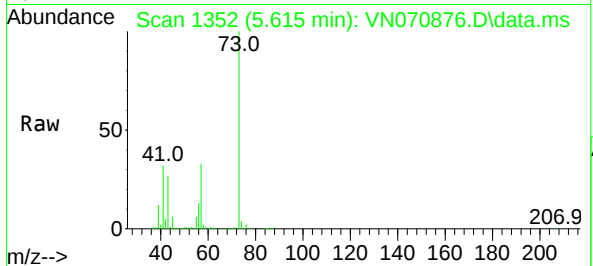




#19
Methyl tert-butyl Ether
Concen: 50.299 ug/l
RT: 5.615 min Scan# 1152
Delta R.T. -0.001 min
Lab File: VN070876.D
Acq: 1 Feb 2022 17:20

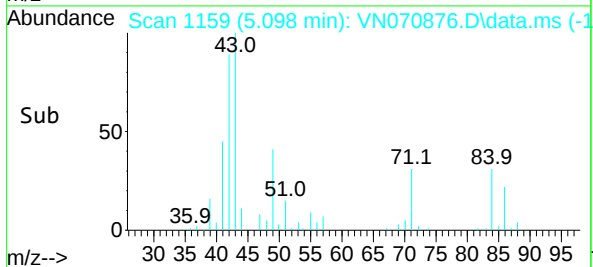
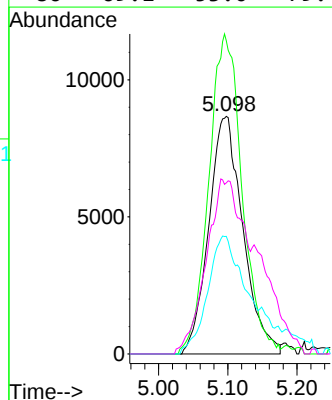
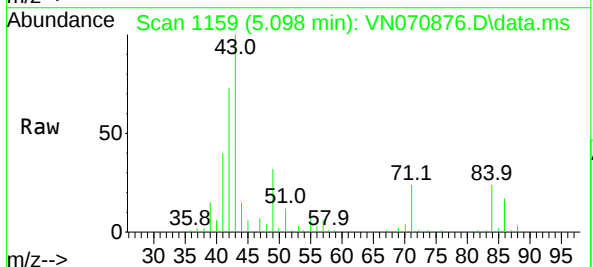
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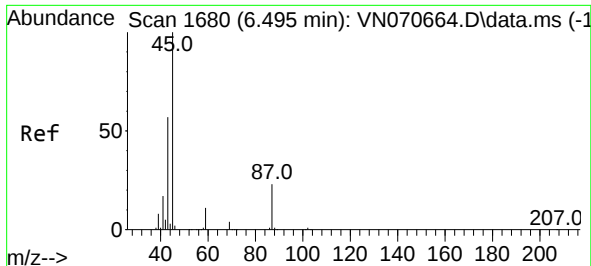
Tgt Ion: 73 Resp: 2483601
Ion Ratio Lower Upper
73 100
57 33.3 16.8 25.2#



#20
Methylene Chloride
Concen: 1.814 ug/l
RT: 5.098 min Scan# 1159
Delta R.T. 0.003 min
Lab File: VN070876.D
Acq: 1 Feb 2022 17:20

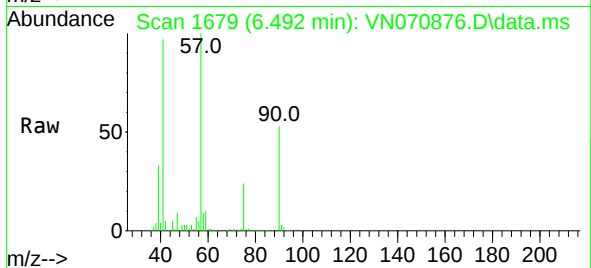
Tgt Ion: 84 Resp: 29703
Ion Ratio Lower Upper
84 100
49 129.9 93.5 140.3
51 49.5 29.4 44.2#
86 69.1 53.0 79.4



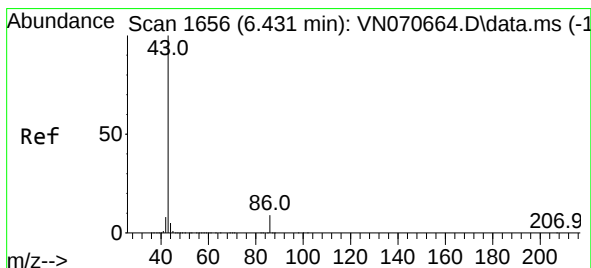
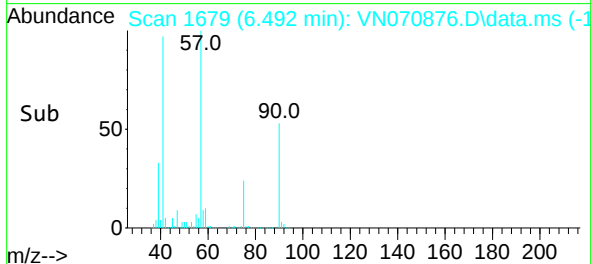
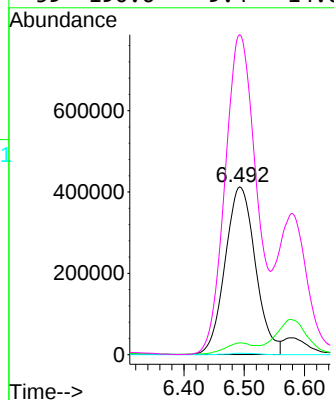


#22
Diisopropyl ether
Concen: 24.163 ug/l
RT: 6.492 min Scan# 1679
Delta R.T. -0.003 min
Lab File: VN070876.D
Acq: 1 Feb 2022 17:20

Instrument :
MSVOA_N
ClientSampleId :
31525

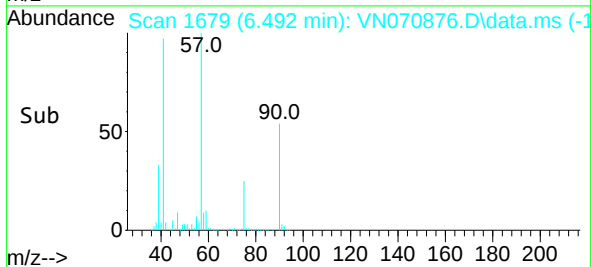
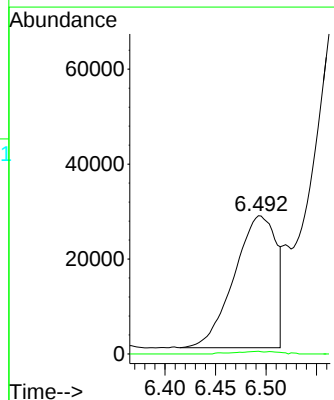
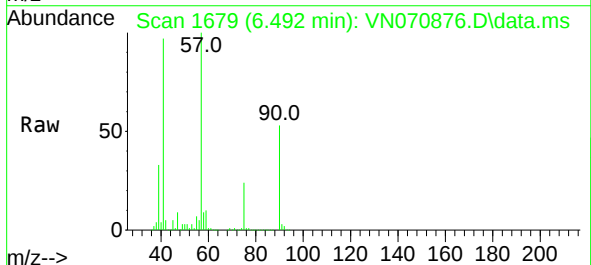


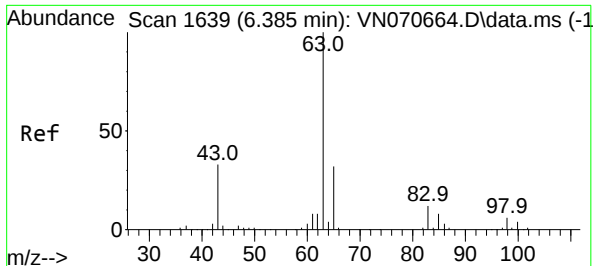
Tgt Ion: 45 Resp: 1442333
Ion Ratio Lower Upper
45 100
43 6.7 51.7 77.5#
87 0.9 23.2 34.8#
59 190.6 9.4 14.0#



#23
Vinyl Acetate
Concen: 1.596 ug/l
RT: 6.492 min Scan# 1679
Delta R.T. 0.061 min
Lab File: VN070876.D
Acq: 1 Feb 2022 17:20

Tgt Ion: 43 Resp: 80757
Ion Ratio Lower Upper
43 100
86 2.0 8.5 12.7#

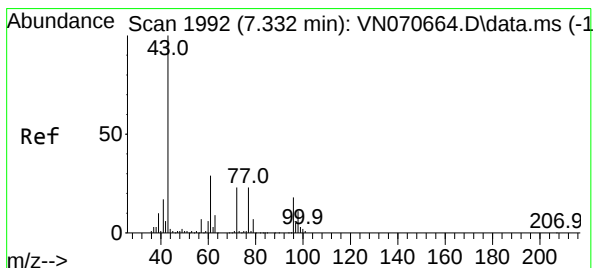
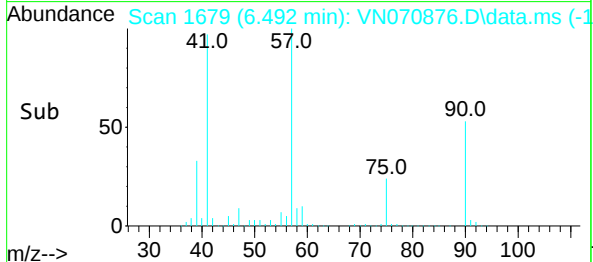
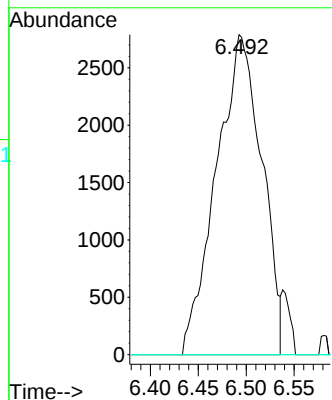
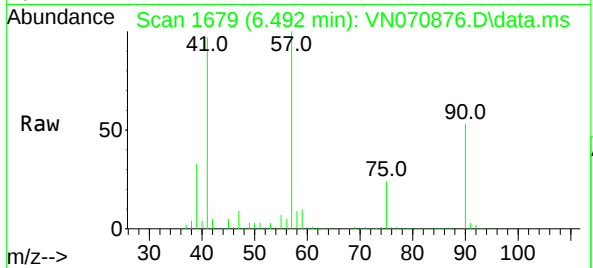




#24
1,1-Dichloroethane
Concen: 0.308 ug/l
RT: 6.492 min Scan# 1
Delta R.T. 0.107 min
Lab File: VN070876.D
Acq: 1 Feb 2022 17:20

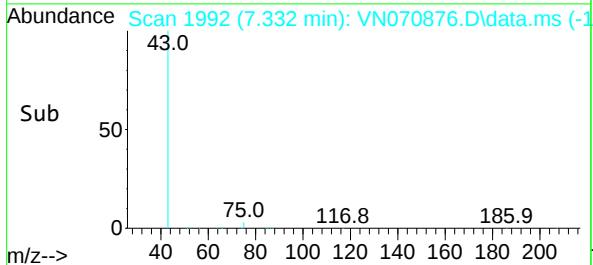
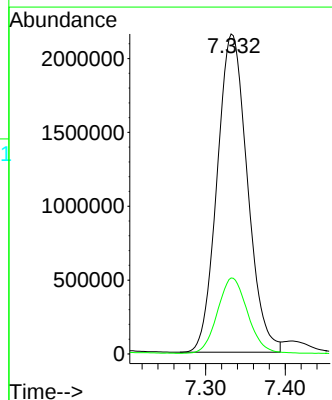
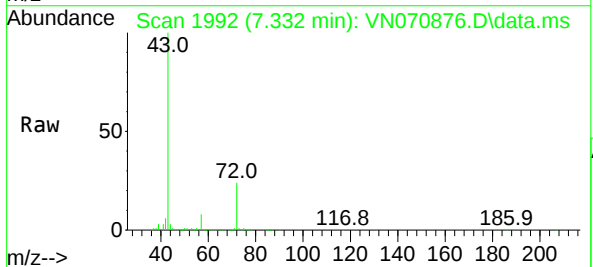
Instrument :
MSVOA_N
ClientSampleId :
31525

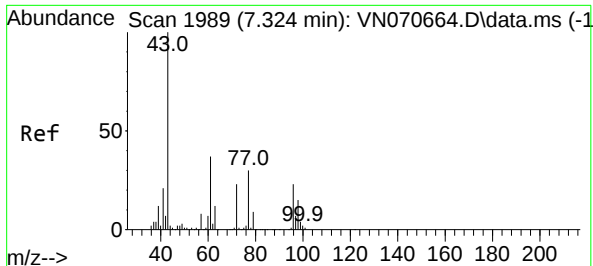
Tgt Ion: 63 Resp: 9199
Ion Ratio Lower Upper
63 100
98 0.0 3.3 9.9#
100 0.0 2.1 6.5#



#25
2-Butanone
Concen: 364.604 ug/l
RT: 7.332 min Scan# 1992
Delta R.T. -0.000 min
Lab File: VN070876.D
Acq: 1 Feb 2022 17:20

Tgt Ion: 43 Resp: 5701884
Ion Ratio Lower Upper
43 100
72 23.7 21.7 32.5





#26

2,2-Dichloropropane

Concen: 0.290 ug/l

RT: 7.319 min Scan# 1989

Delta R.T. -0.005 min

Lab File: VN070876.D

Acq: 1 Feb 2022 17:20

Instrument :

MSVOA_N

ClientSampleId :

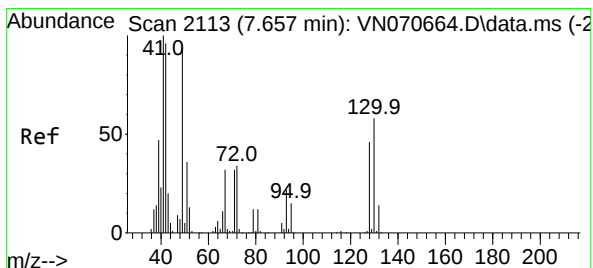
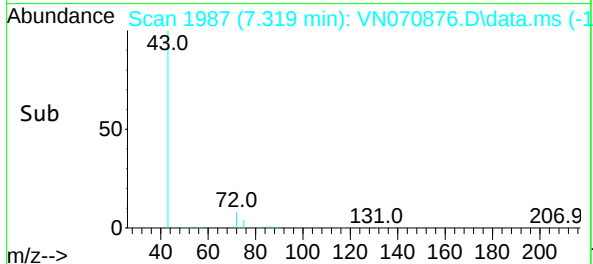
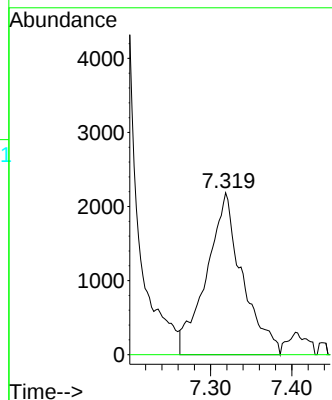
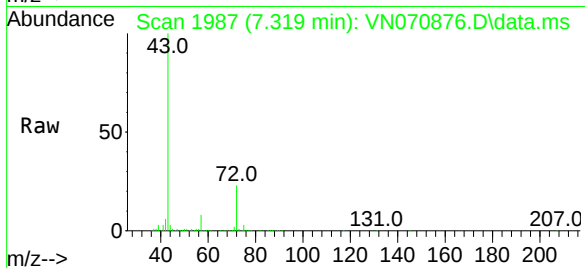
31525

Tgt Ion: 77 Resp: 6633

Ion Ratio Lower Upper

77 100

97 0.0 11.6 34.8#



#28

Bromochloromethane

Concen: 0.332 ug/l

RT: 7.656 min Scan# 2113

Delta R.T. -0.001 min

Lab File: VN070876.D

Acq: 1 Feb 2022 17:20

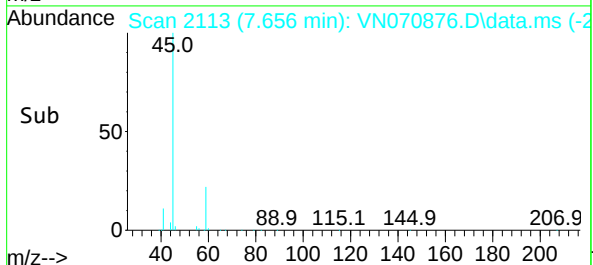
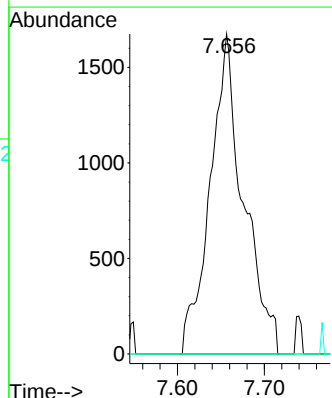
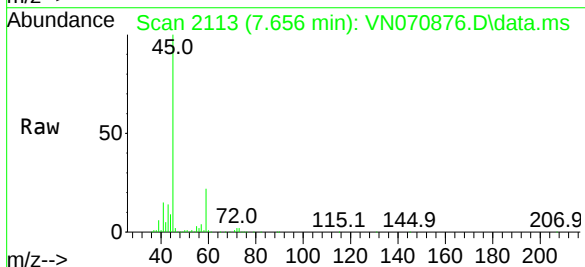
Tgt Ion: 49 Resp: 4457

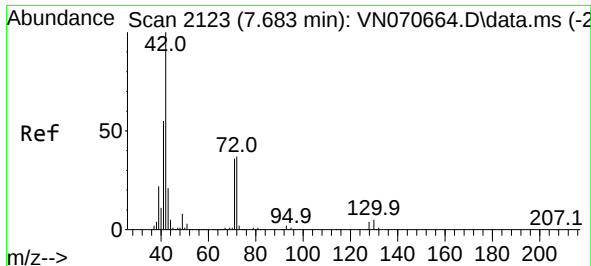
Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.0

130 0.0 67.8 101.8#





#29

Tetrahydrofuran

Concen: 27.266 ug/l

RT: 7.683 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN070876.D

Acq: 1 Feb 2022 17:20

Instrument :

MSVOA_N

ClientSampleId :

31525

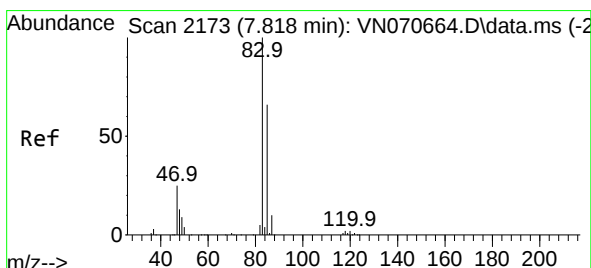
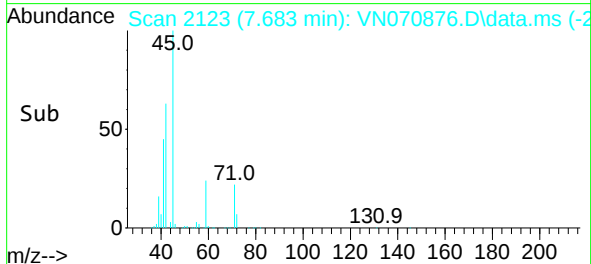
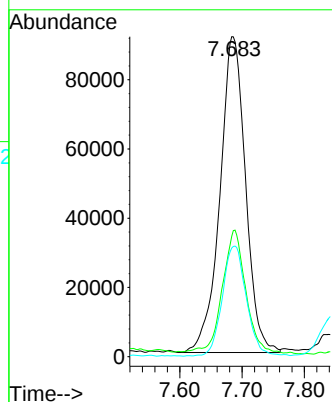
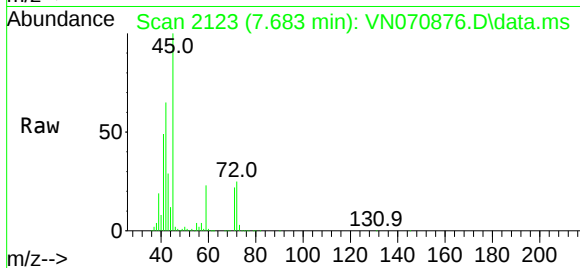
Tgt Ion: 42 Resp: 261084

Ion Ratio Lower Upper

42 100

72 35.1 36.3 54.5#

71 32.3 34.7 52.1#



#30

Chloroform

Concen: 0.655 ug/l

RT: 8.096 min Scan# 2277

Delta R.T. 0.278 min

Lab File: VN070876.D

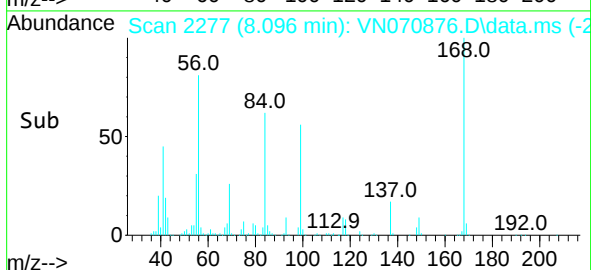
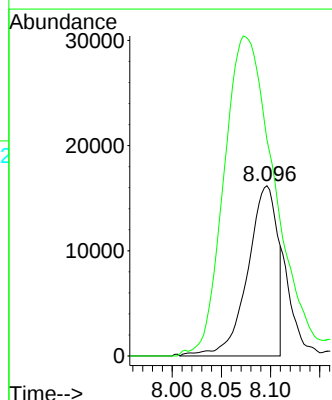
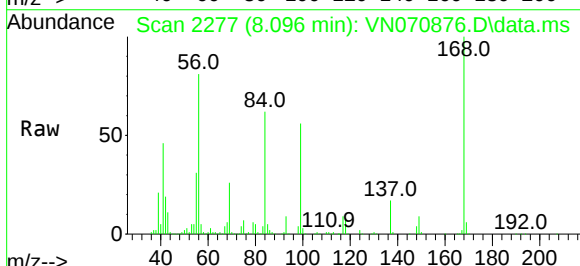
Acq: 1 Feb 2022 17:20

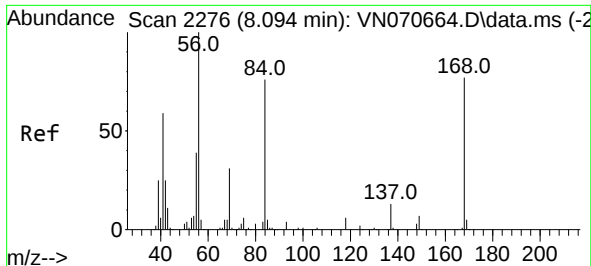
Tgt Ion: 83 Resp: 33660

Ion Ratio Lower Upper

83 100

85 124.7 51.9 77.9#

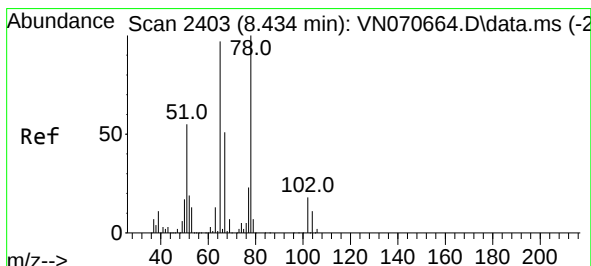
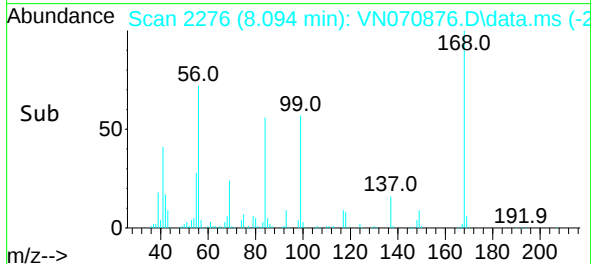
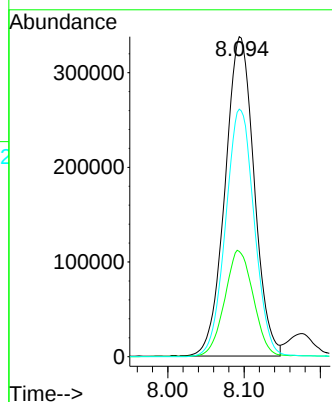
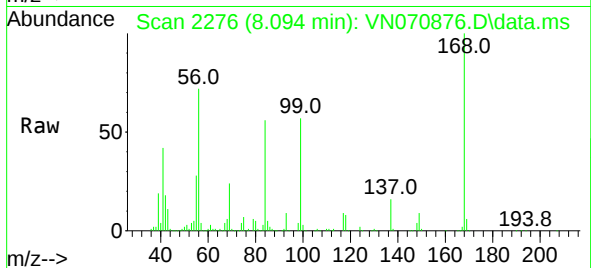




#31
Cyclohexane
Concen: 28.327 ug/l
RT: 8.094 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN070876.D
Acq: 1 Feb 2022 17:20

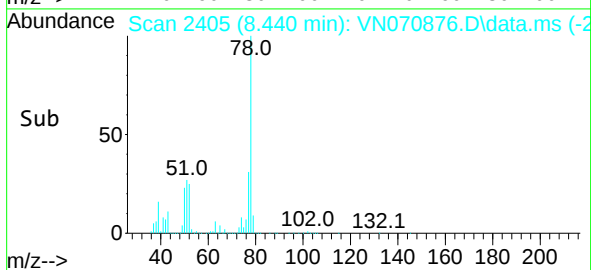
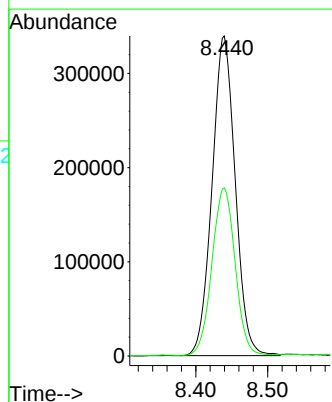
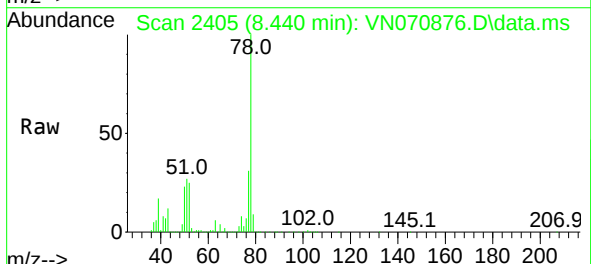
Instrument :
MSVOA_N
ClientSampleId :
31525

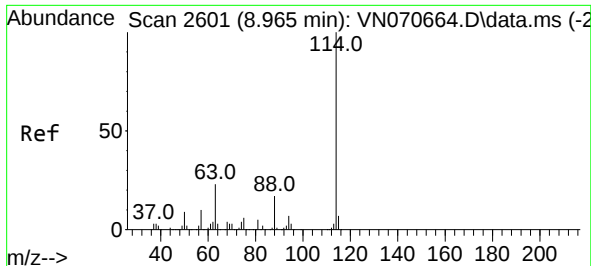
Tgt Ion: 56 Resp: 893153
Ion Ratio Lower Upper
56 100
69 32.9 27.1 40.7
84 77.5 73.4 110.0



#33
1,2-Dichloroethane-d4
Concen: 42.430 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. 0.006 min
Lab File: VN070876.D
Acq: 1 Feb 2022 17:20

Tgt Ion: 65 Resp: 759748
Ion Ratio Lower Upper
65 100
67 52.4 0.0 103.0

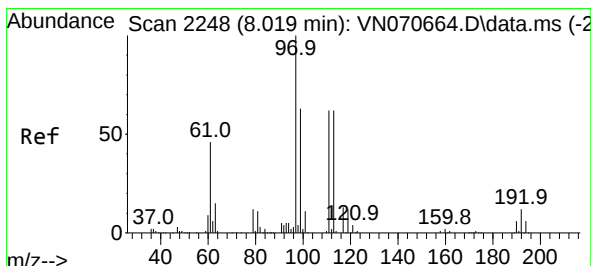
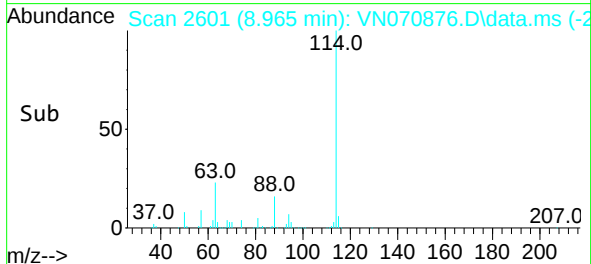
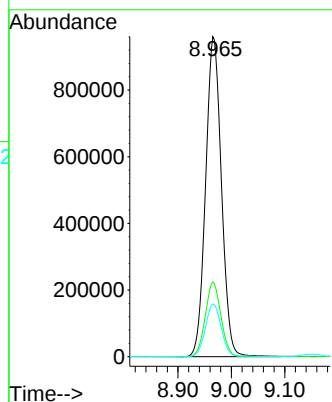
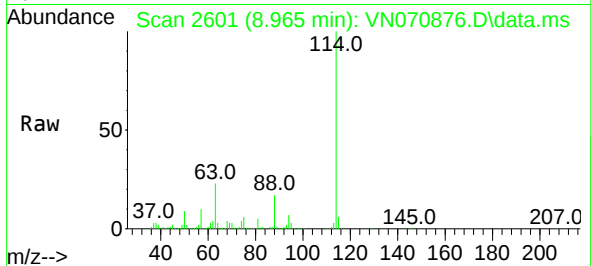




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.965 min Scan# 2601
Delta R.T. 0.000 min
Lab File: VN070876.D
Acq: 1 Feb 2022 17:20

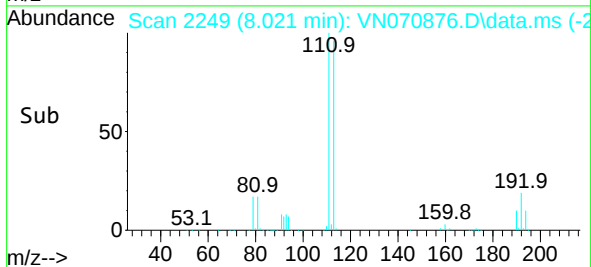
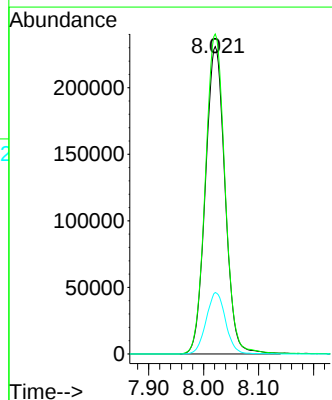
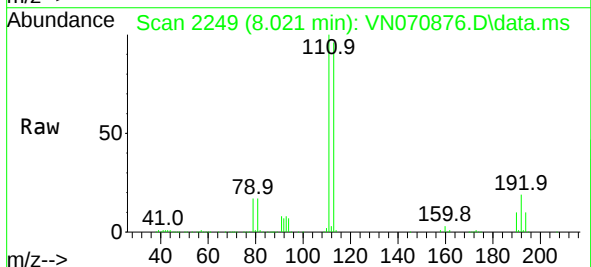
Instrument :
MSVOA_N
ClientSampleId :
31525

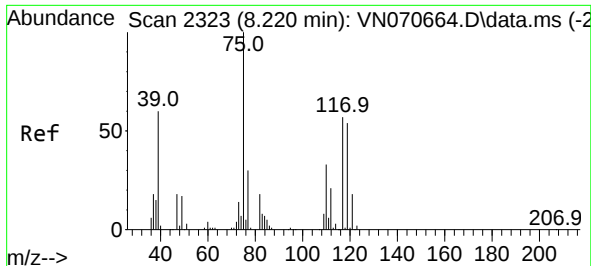
Tgt Ion:114 Resp: 1969078
Ion Ratio Lower Upper
114 100
63 23.3 0.0 37.8
88 16.5 0.0 27.4



#35
Dibromofluoromethane
Concen: 46.870 ug/l
RT: 8.021 min Scan# 2249
Delta R.T. 0.002 min
Lab File: VN070876.D
Acq: 1 Feb 2022 17:20

Tgt Ion:113 Resp: 572475
Ion Ratio Lower Upper
113 100
111 104.3 82.2 123.2
192 19.7 16.9 25.3

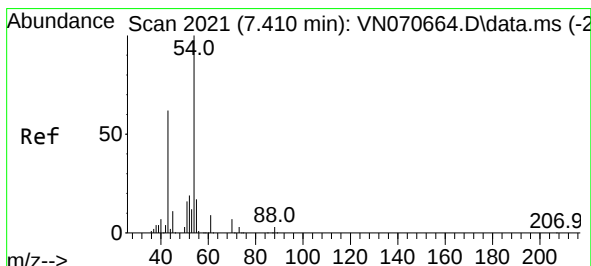
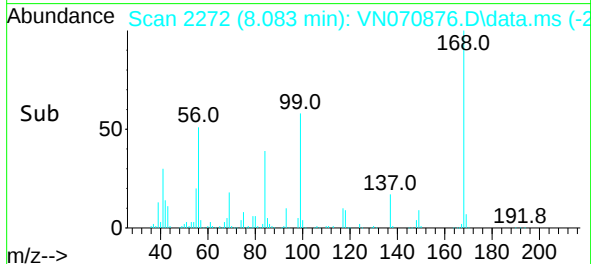
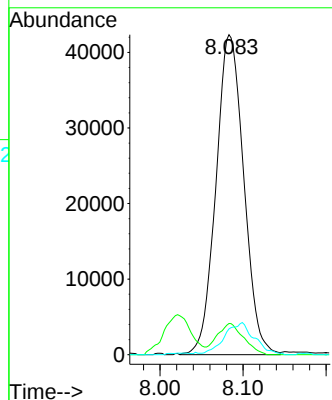
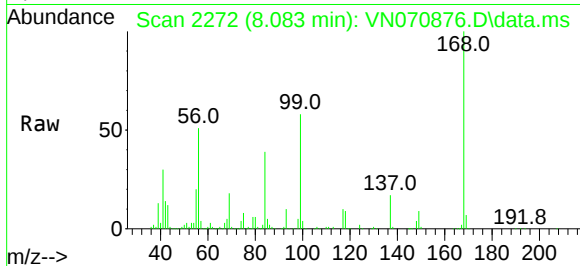




#36
1,1-Dichloropropene
Concen: 4.793 ug/l
RT: 8.083 min Scan# 21
Delta R.T. -0.137 min
Lab File: VN070876.D
Acq: 1 Feb 2022 17:20

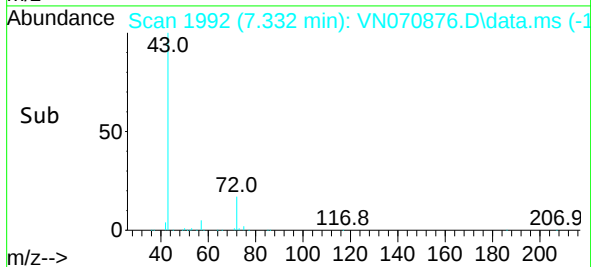
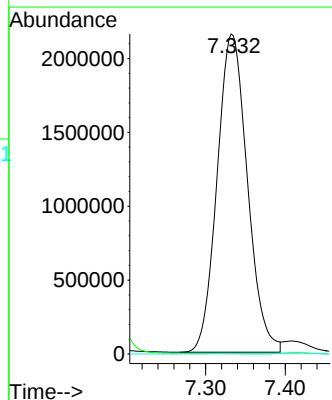
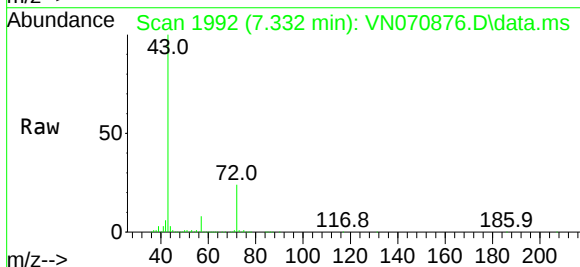
Instrument :
MSVOA_N
ClientSampleId :
31525

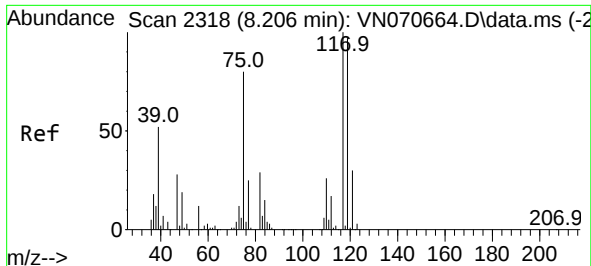
Tgt Ion: 75 Resp: 98561
Ion Ratio Lower Upper
75 100
110 9.3 18.4 55.2#
77 0.0 24.4 36.6#



#37
Ethyl Acetate
Concen: 208.868 ug/l
RT: 7.332 min Scan# 1992
Delta R.T. -0.078 min
Lab File: VN070876.D
Acq: 1 Feb 2022 17:20

Tgt Ion: 43 Resp: 5701884
Ion Ratio Lower Upper
43 100
61 0.0 11.5 17.3#
70 0.1 7.9 11.9#

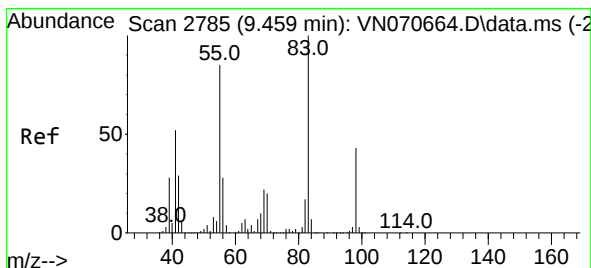
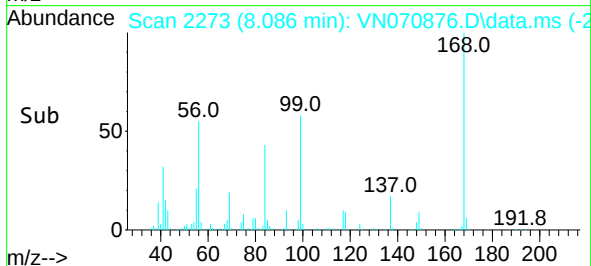
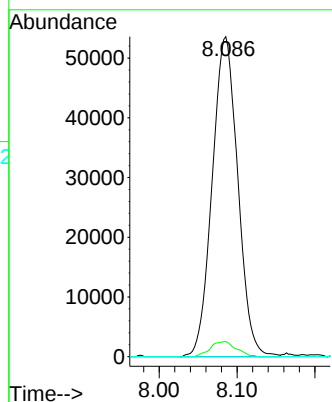
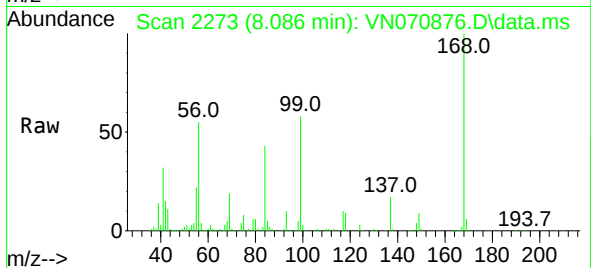




#38
Carbon Tetrachloride
Concen: 6.690 ug/l
RT: 8.086 min Scan# 2117
Delta R.T. -0.120 min
Lab File: VN070876.D
Acq: 1 Feb 2022 17:20

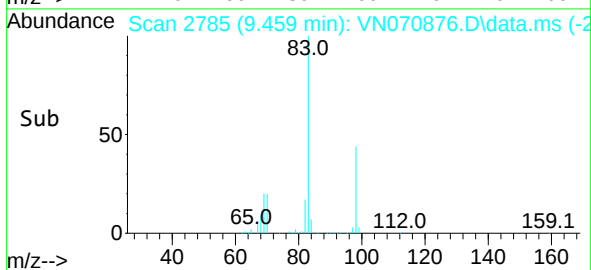
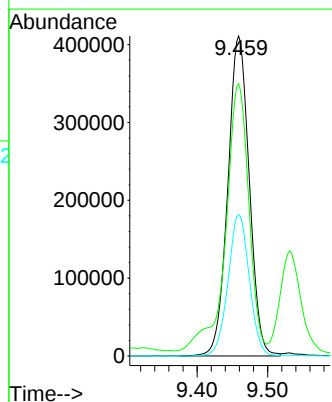
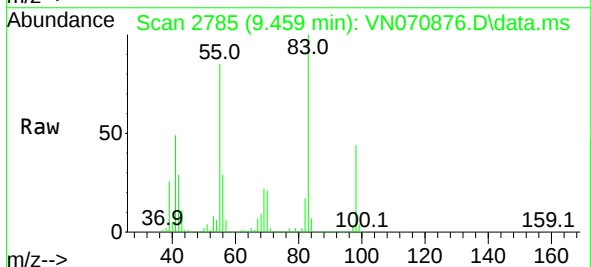
Instrument :
MSVOA_N
ClientSampleId :
31525

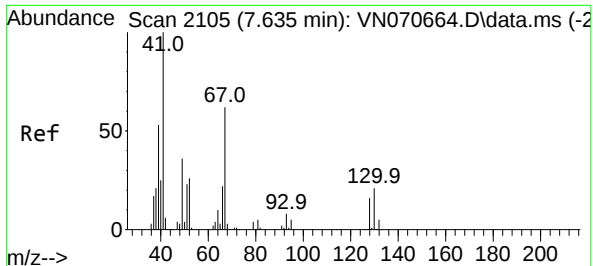
Tgt Ion:117 Resp: 122372
Ion Ratio Lower Upper
117 100
119 4.7 76.1 114.1#
121 0.0 24.2 36.2#



#39
Methylcyclohexane
Concen: 34.178 ug/l
RT: 9.459 min Scan# 2785
Delta R.T. -0.000 min
Lab File: VN070876.D
Acq: 1 Feb 2022 17:20

Tgt Ion: 83 Resp: 867614
Ion Ratio Lower Upper
83 100
55 83.3 58.1 87.1
98 44.2 38.4 57.6

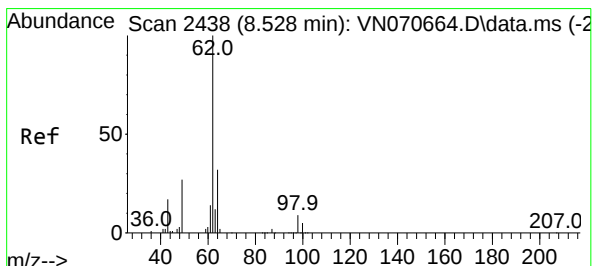
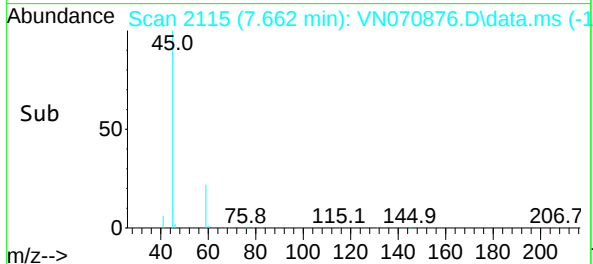
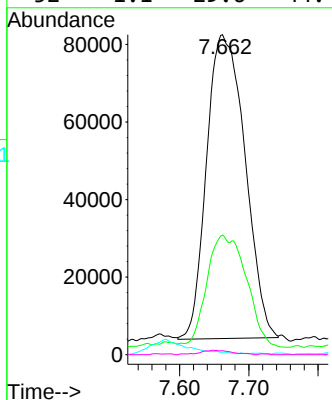
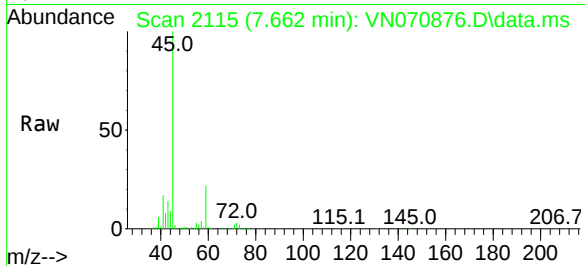




#41
Methacrylonitrile
Concen: 21.714 ug/l
RT: 7.662 min Scan# 2115
Delta R.T. 0.027 min
Lab File: VN070876.D
Acq: 1 Feb 2022 17:20

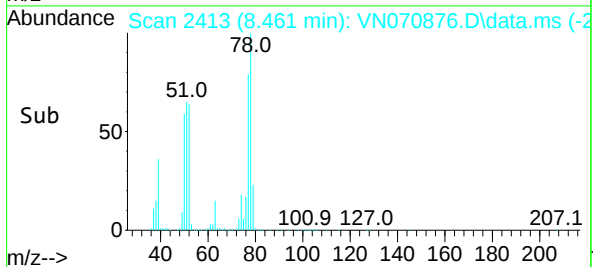
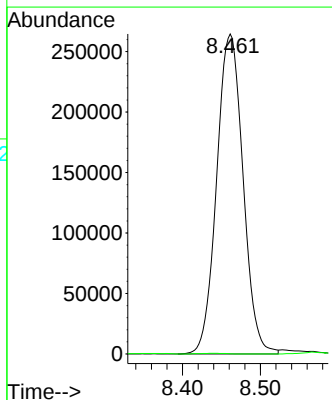
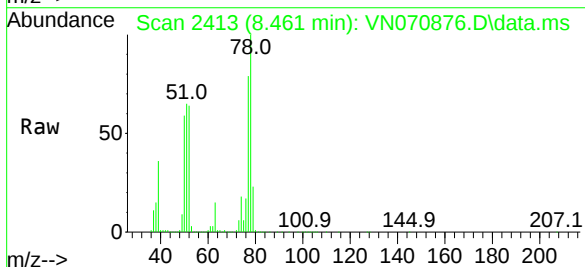
Instrument :
MSVOA_N
ClientSampleId :
31525

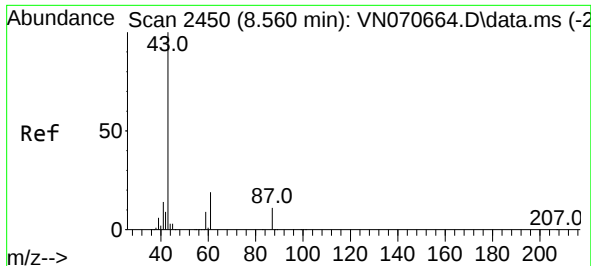
Tgt Ion: 41 Resp: 301572
Ion Ratio Lower Upper
41 100
39 20.5 48.1 72.1#
67 0.0 68.3 102.5#
52 1.1 29.6 44.4#



#42
1,2-Dichloroethane
Concen: 28.141 ug/l
RT: 8.461 min Scan# 2413
Delta R.T. -0.067 min
Lab File: VN070876.D
Acq: 1 Feb 2022 17:20

Tgt Ion: 62 Resp: 621703
Ion Ratio Lower Upper
62 100
98 0.0 0.0 17.6

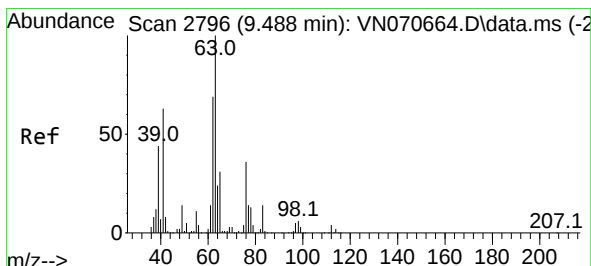
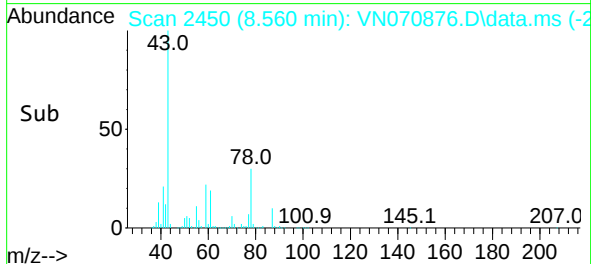
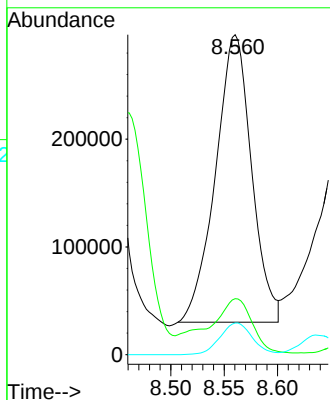
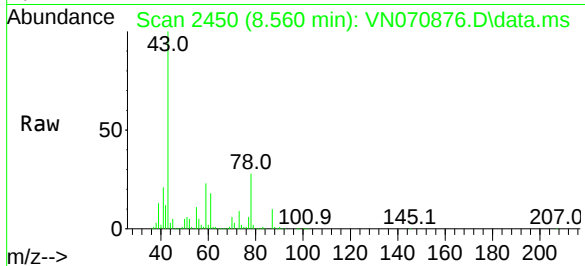




#43
Isopropyl Acetate
Concen: 15.064 ug/l
RT: 8.560 min Scan# 2450
Delta R.T. 0.000 min
Lab File: VN070876.D
Acq: 1 Feb 2022 17:20

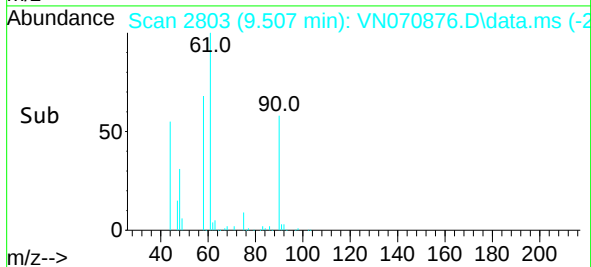
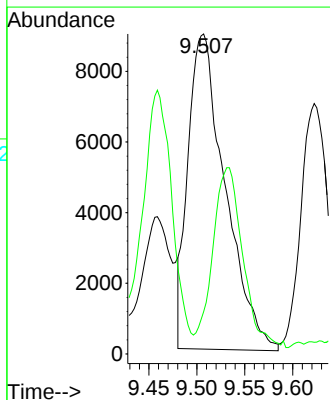
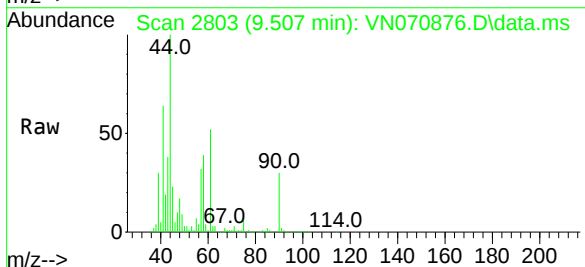
Instrument :
MSVOA_N
ClientSampleId :
31525

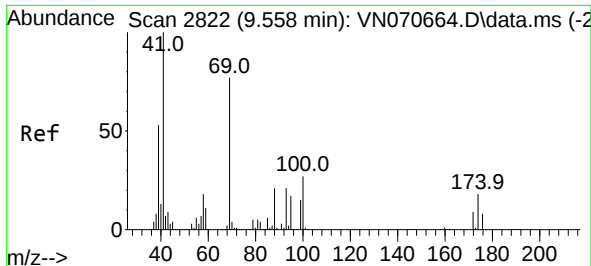
Tgt Ion: 43 Resp: 628136
Ion Ratio Lower Upper
43 100
61 17.1 20.4 30.6#
87 9.9 11.2 16.8#



#45
1,2-Dichloropropane
Concen: 1.389 ug/l
RT: 9.507 min Scan# 2803
Delta R.T. 0.019 min
Lab File: VN070876.D
Acq: 1 Feb 2022 17:20

Tgt Ion: 63 Resp: 24074
Ion Ratio Lower Upper
63 100
65 10.2 24.7 37.1#

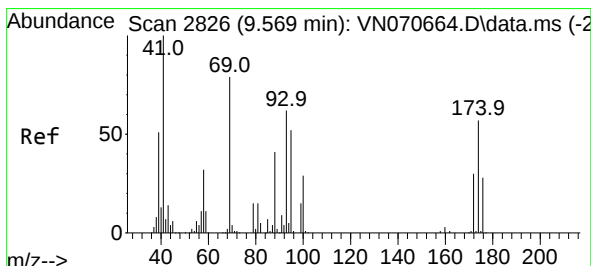
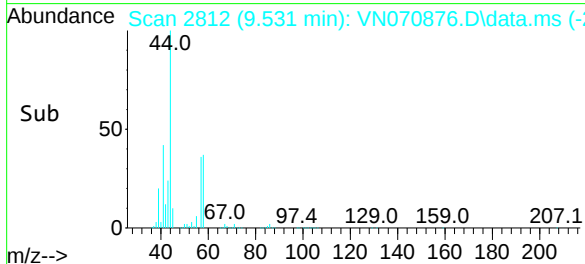
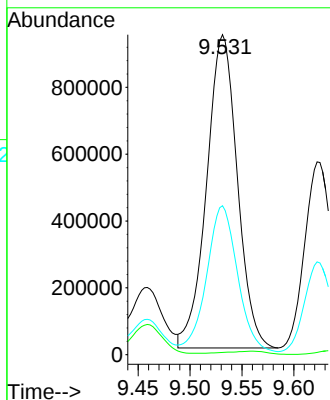
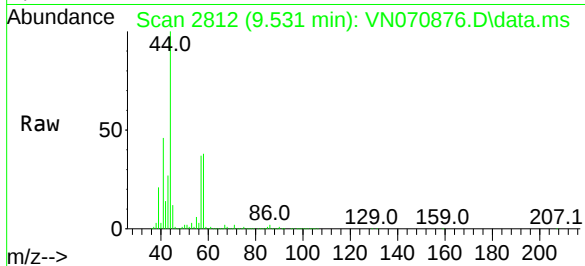




#48
Methyl methacrylate
Concen: 97.127 ug/l
RT: 9.531 min Scan# 2812
Delta R.T. -0.027 min
Lab File: VN070876.D
Acq: 1 Feb 2022 17:20

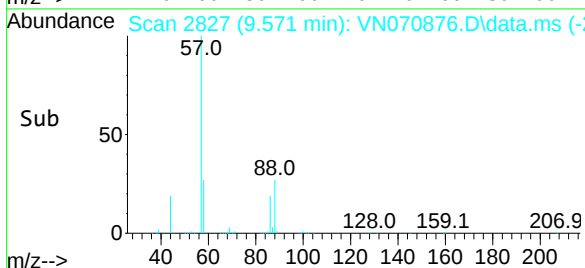
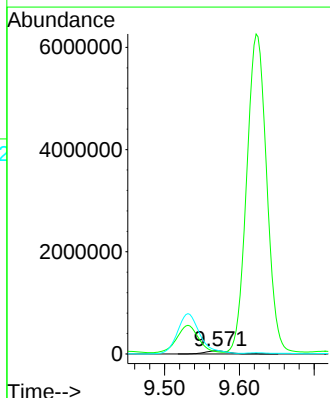
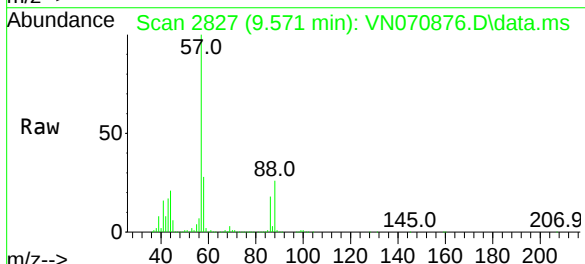
Instrument :
MSVOA_N
ClientSampleId :
31525

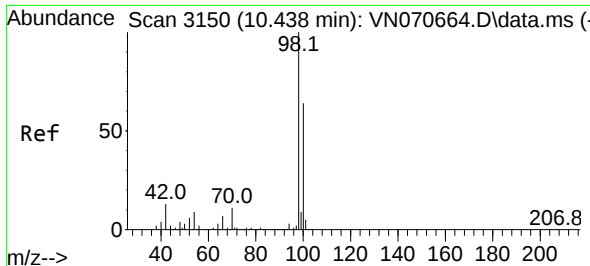
Tgt Ion: 41 Resp: 1929346
Ion Ratio Lower Upper
41 100
69 0.0 72.4 108.6#
39 46.9 58.4 87.6#



#49
1,4-Dioxane
Concen: 441.116 ug/l
RT: 9.571 min Scan# 2827
Delta R.T. 0.002 min
Lab File: VN070876.D
Acq: 1 Feb 2022 17:20

Tgt Ion: 88 Resp: 131620
Ion Ratio Lower Upper
88 100
43 0.0 23.4 35.2#
58 0.0 50.6 75.8#

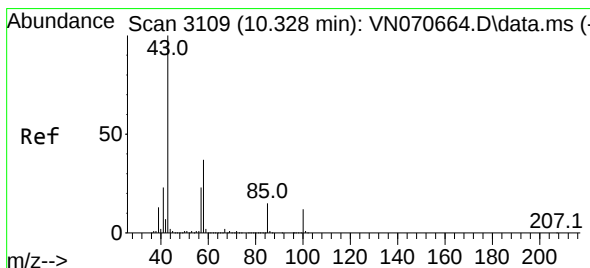
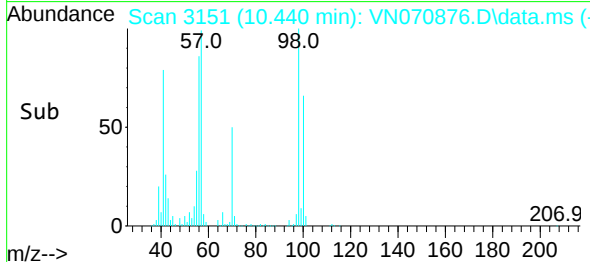
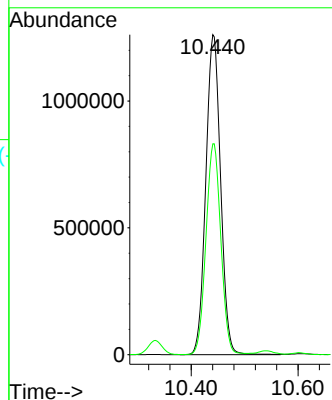
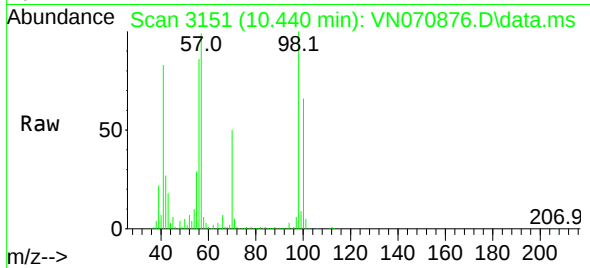




#50
Toluene-d8
Concen: 46.872 ug/l
RT: 10.440 min Scan# 3150
Delta R.T. 0.002 min
Lab File: VN070876.D
Acq: 1 Feb 2022 17:20

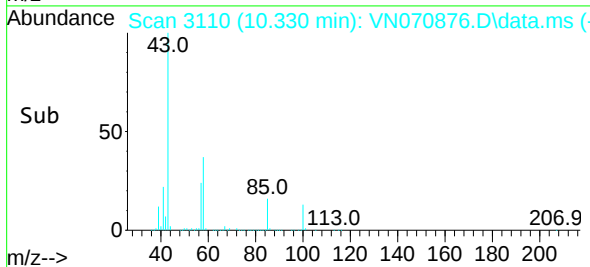
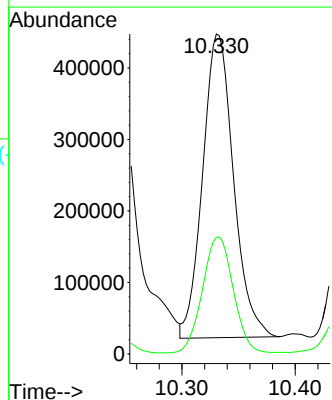
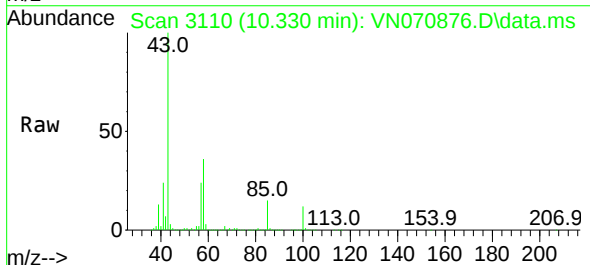
Instrument :
MSVOA_N
ClientSampleId :
31525

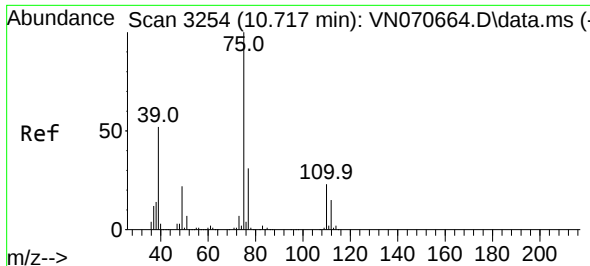
Tgt Ion: 98 Resp: 2411842
Ion Ratio Lower Upper
98 100
100 66.4 50.4 75.6



#51
4-Methyl-2-Pentanone
Concen: 30.173 ug/l
RT: 10.330 min Scan# 3110
Delta R.T. 0.002 min
Lab File: VN070876.D
Acq: 1 Feb 2022 17:20

Tgt Ion: 43 Resp: 802804
Ion Ratio Lower Upper
43 100
58 38.0 30.4 45.6

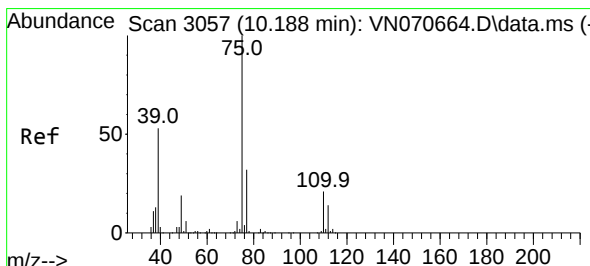
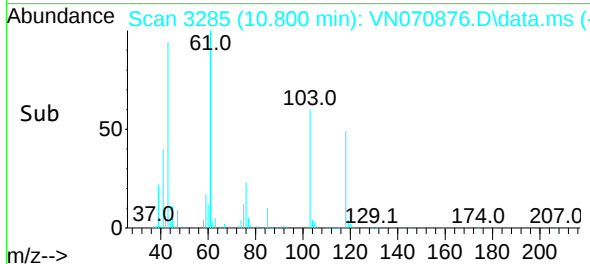
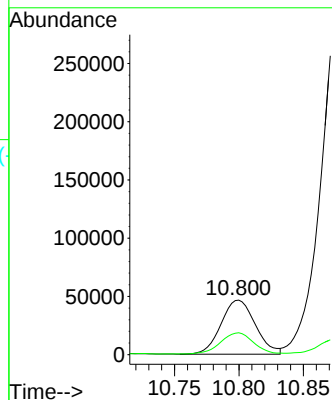
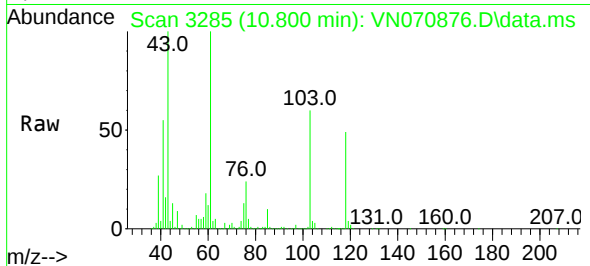




#53
t-1,3-Dichloropropene
Concen: 5.694 ug/l
RT: 10.800 min Scan# 31525
Delta R.T. 0.083 min
Lab File: VN070876.D
Acq: 1 Feb 2022 17:20

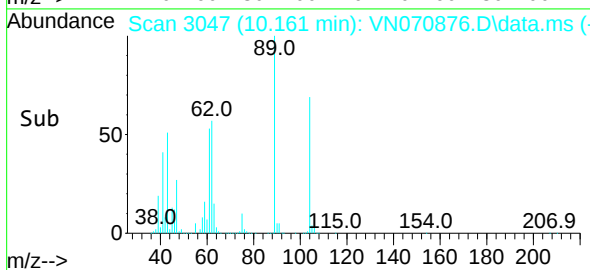
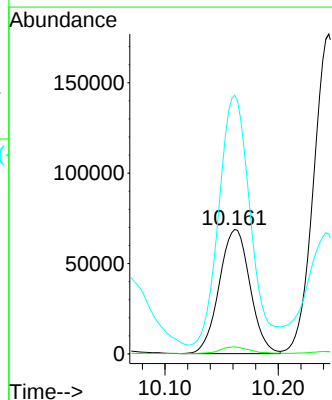
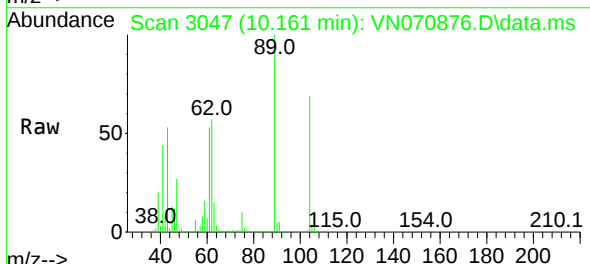
Instrument :
MSVOA_N
ClientSampleId :
31525

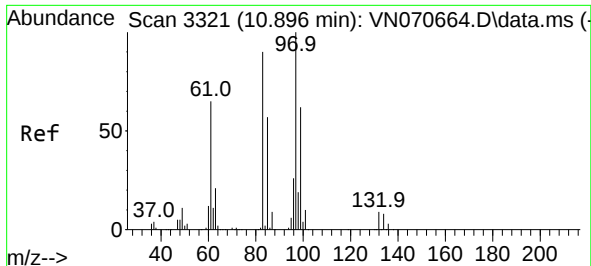
Tgt Ion: 75 Resp: 86367
Ion Ratio Lower Upper
75 100
77 38.9 25.6 38.4#



#54
cis-1,3-Dichloropropene
Concen: 5.247 ug/l
RT: 10.161 min Scan# 3047
Delta R.T. -0.027 min
Lab File: VN070876.D
Acq: 1 Feb 2022 17:20

Tgt Ion: 75 Resp: 129650
Ion Ratio Lower Upper
75 100
77 5.3 26.4 39.6#
39 198.7 42.5 63.7#

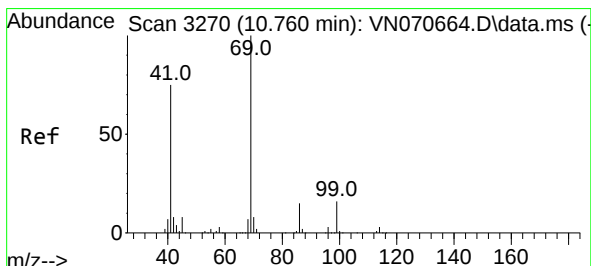
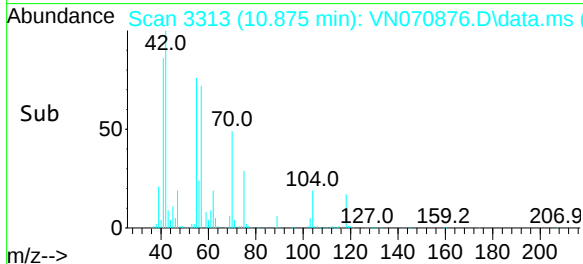
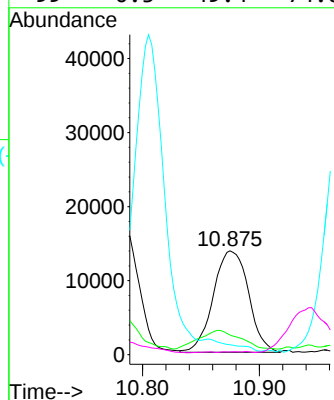
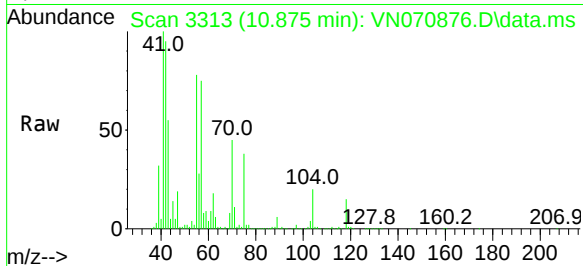




#55
1,1,2-Trichloroethane
Concen: 1.915 ug/l
RT: 10.875 min Scan# 31
Delta R.T. -0.021 min
Lab File: VN070876.D
Acq: 1 Feb 2022 17:20

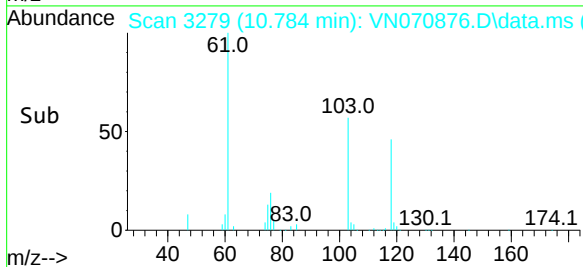
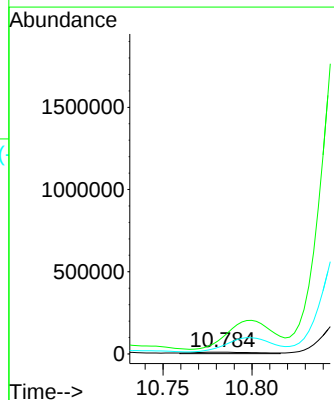
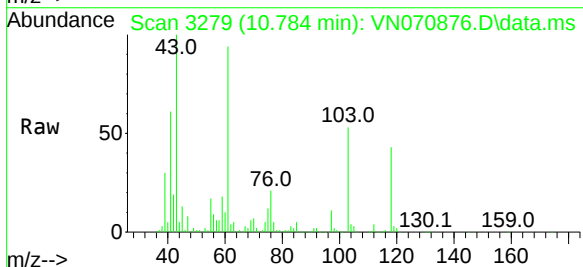
Instrument :
MSVOA_N
ClientSampleId :
31525

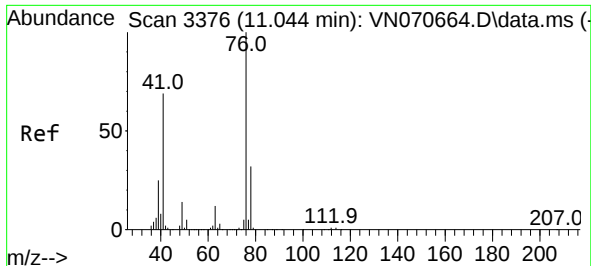
Tgt Ion: 97 Resp: 28676
Ion Ratio Lower Upper
97 100
83 13.8 67.8 101.6#
85 5.0 45.4 68.2#
99 0.3 49.4 74.0#



#56
Ethyl methacrylate
Concen: 3.012 ug/l
RT: 10.784 min Scan# 3279
Delta R.T. 0.024 min
Lab File: VN070876.D
Acq: 1 Feb 2022 17:20

Tgt Ion: 69 Resp: 21196
Ion Ratio Lower Upper
69 100
41 1445.1 51.4 77.0#
39 0.0 34.6 52.0#





#57

1,3-Dichloropropane

Concen: 6.436 ug/l

RT: 11.089 min Scan# 31525

Delta R.T. 0.045 min

Lab File: VN070876.D

Acq: 1 Feb 2022 17:20

Instrument :

MSVOA_N

ClientSampleId :

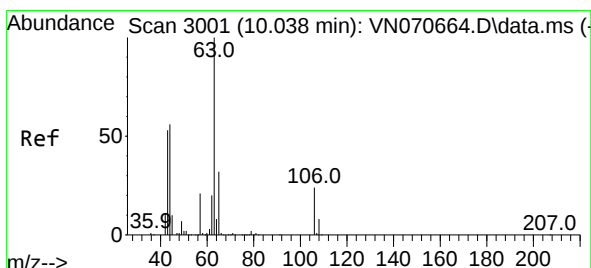
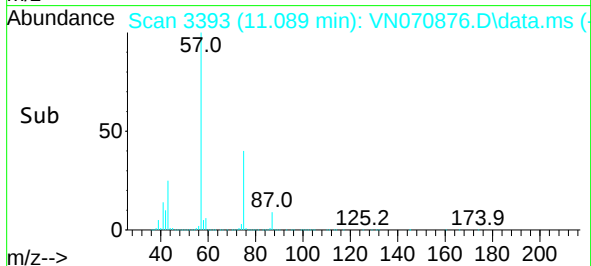
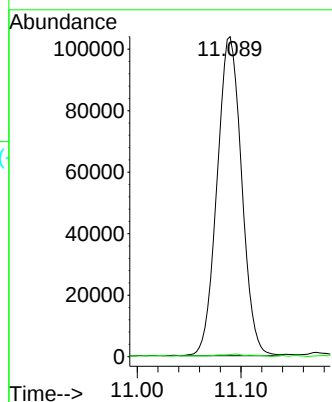
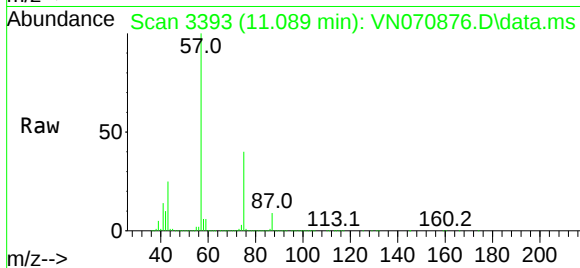
31525

Tgt Ion: 76 Resp: 170594

Ion Ratio Lower Upper

76 100

78 0.4 25.7 38.5#



#58

2-Chloroethyl Vinyl ether

Concen: 45.771 ug/l

RT: 10.161 min Scan# 3047

Delta R.T. 0.123 min

Lab File: VN070876.D

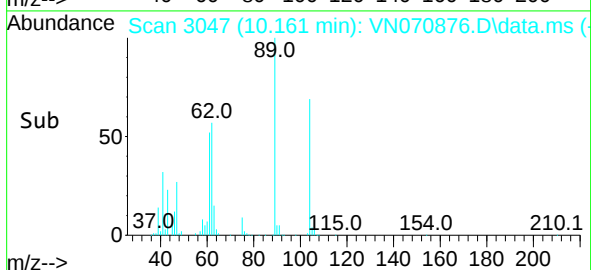
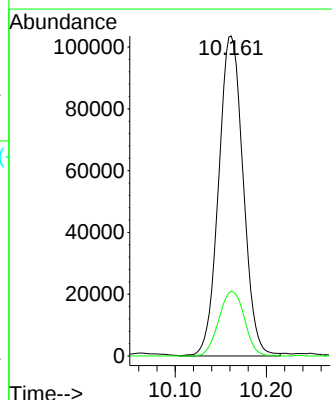
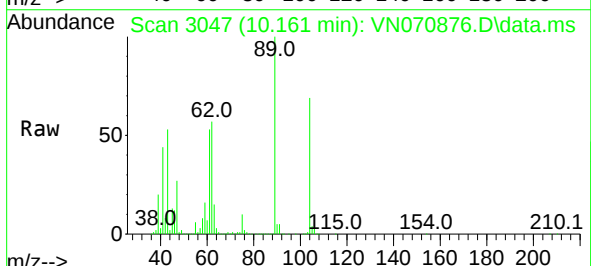
Acq: 1 Feb 2022 17:20

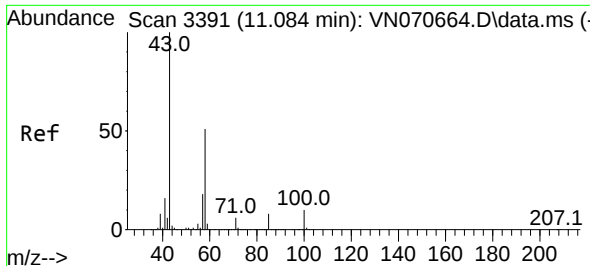
Tgt Ion: 63 Resp: 193676

Ion Ratio Lower Upper

63 100

106 21.1 23.9 35.9#

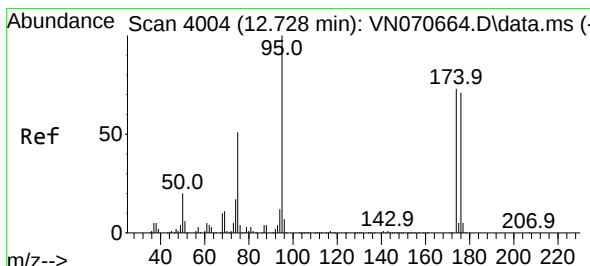
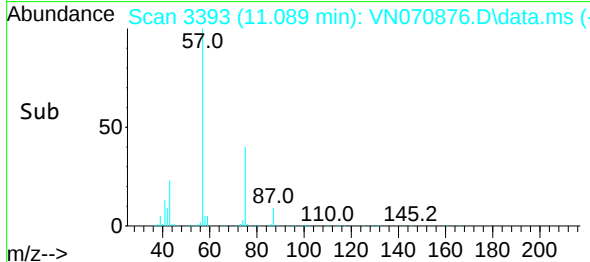
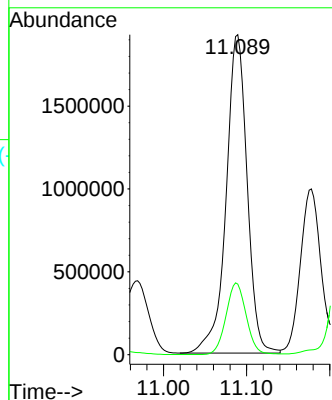
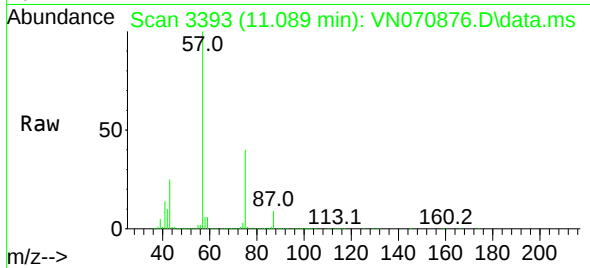




#59
2-Hexanone
Concen: 175.017 ug/l
RT: 11.089 min Scan# 31
Delta R.T. 0.005 min
Lab File: VN070876.D
Acq: 1 Feb 2022 17:20

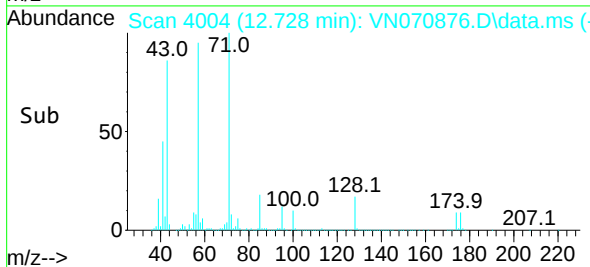
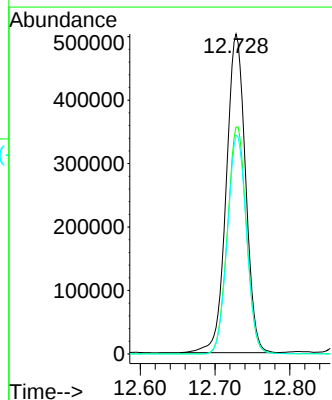
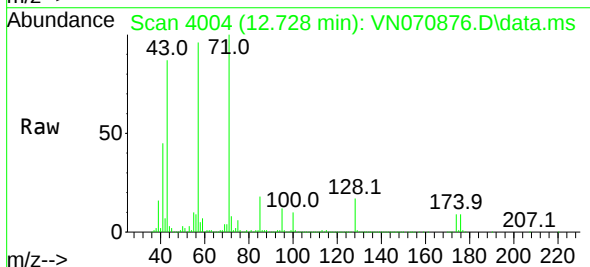
Instrument :
MSVOA_N
ClientSampleId :
31525

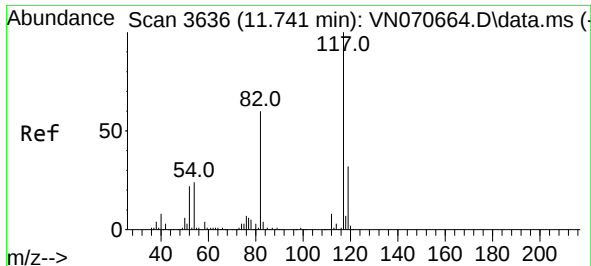
Tgt Ion: 43 Resp: 3382781
Ion Ratio Lower Upper
43 100
58 21.6 26.9 80.7#



#62
4-Bromofluorobenzene
Concen: 48.956 ug/l
RT: 12.728 min Scan# 4004
Delta R.T. 0.000 min
Lab File: VN070876.D
Acq: 1 Feb 2022 17:20

Tgt Ion: 95 Resp: 897657
Ion Ratio Lower Upper
95 100
174 70.2 0.0 187.2
176 67.8 0.0 181.4

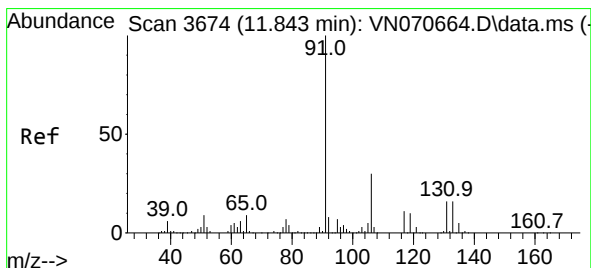
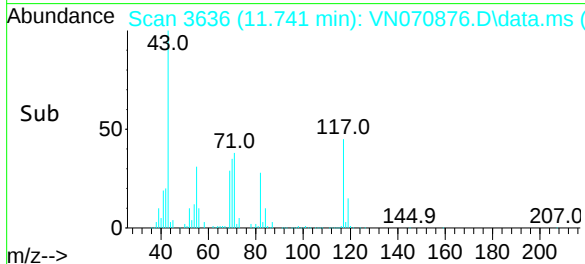
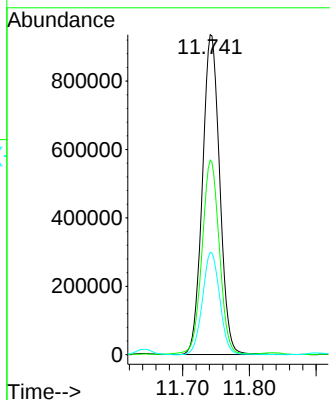
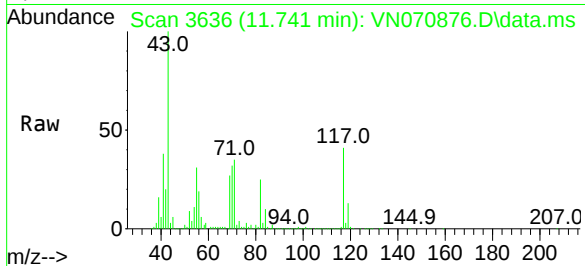




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.741 min Scan# 3636
Delta R.T. 0.000 min
Lab File: VN070876.D
Acq: 1 Feb 2022 17:20

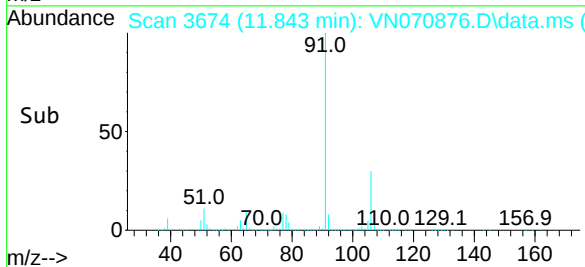
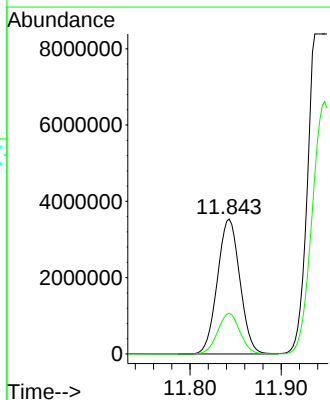
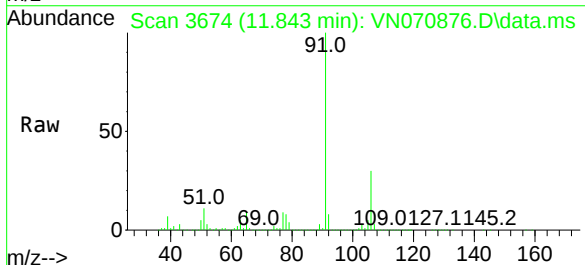
Instrument :
MSVOA_N
ClientSampleId :
31525

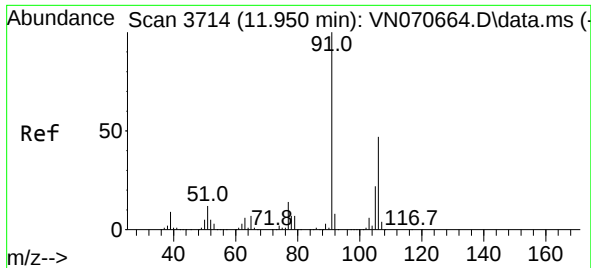
Tgt Ion:117 Resp: 1683334
Ion Ratio Lower Upper
117 100
82 60.3 42.4 63.6
119 32.0 25.4 38.2



#67
Ethyl Benzene
Concen: 89.535 ug/l
RT: 11.843 min Scan# 3674
Delta R.T. 0.000 min
Lab File: VN070876.D
Acq: 1 Feb 2022 17:20

Tgt Ion: 91 Resp: 6054249
Ion Ratio Lower Upper
91 100
106 30.1 25.7 38.5

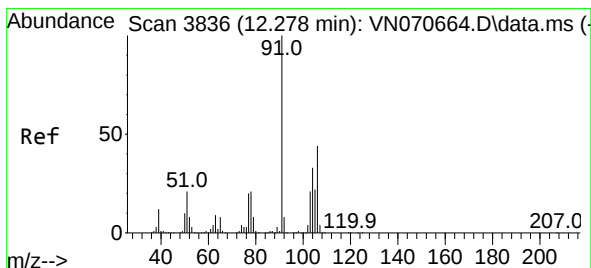
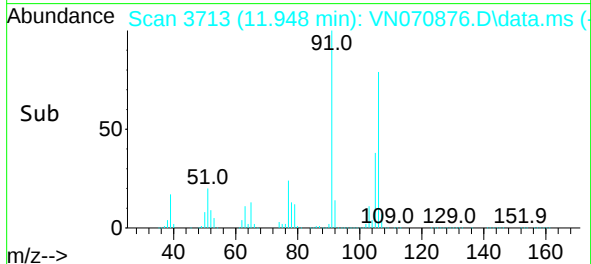
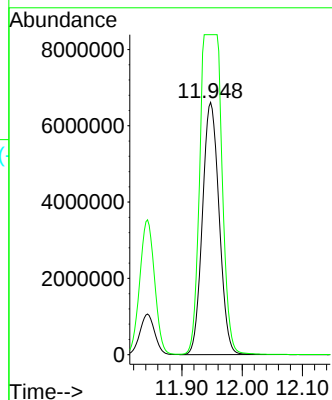
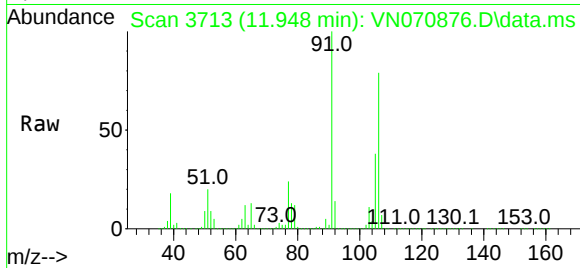




#68
m/p-Xylenes
Concen: 517.186 ug/l
RT: 11.948 min Scan# 31
Delta R.T. -0.002 min
Lab File: VN070876.D
Acq: 1 Feb 2022 17:20

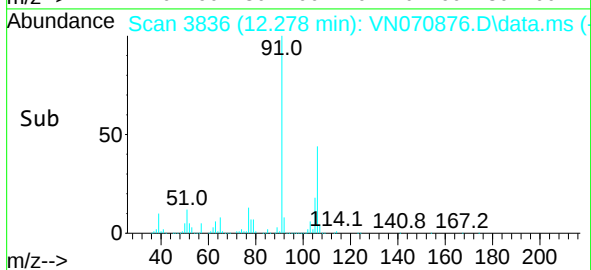
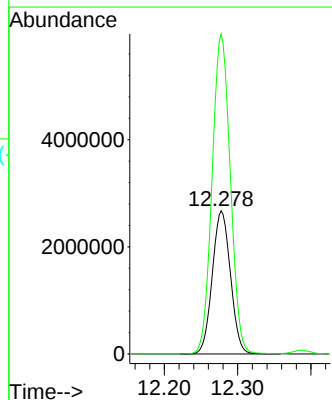
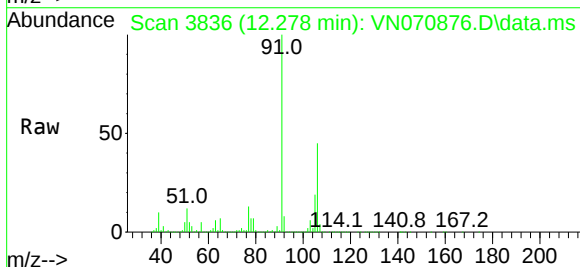
Instrument :
MSVOA_N
ClientSampleId :
31525

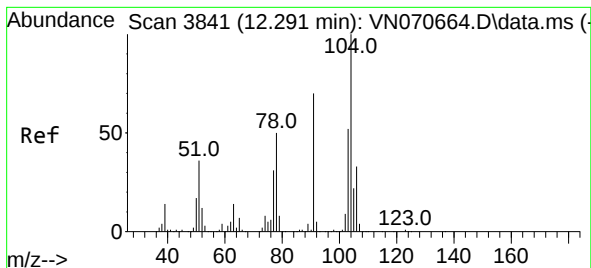
Tgt Ion:106 Resp:12722145
Ion Ratio Lower Upper
106 100
91 0.0 160.6 240.8#



#69
o-Xylene
Concen: 188.236 ug/l
RT: 12.278 min Scan# 3836
Delta R.T. -0.001 min
Lab File: VN070876.D
Acq: 1 Feb 2022 17:20

Tgt Ion:106 Resp: 4595140
Ion Ratio Lower Upper
106 100
91 224.5 105.8 317.3





#70

Styrene

Concen: 6.053 ug/l

RT: 12.278 min Scan# 31

Delta R.T. -0.014 min

Lab File: VN070876.D

Acq: 1 Feb 2022 17:20

Instrument :

MSVOA_N

ClientSampleId :

31525

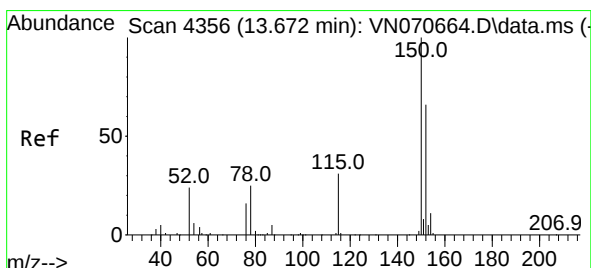
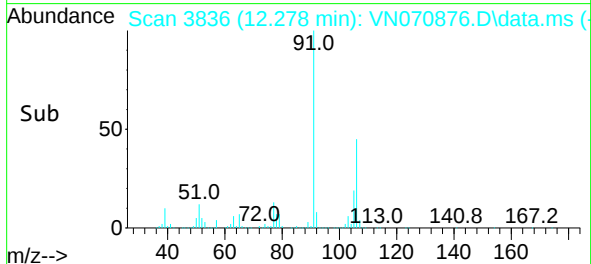
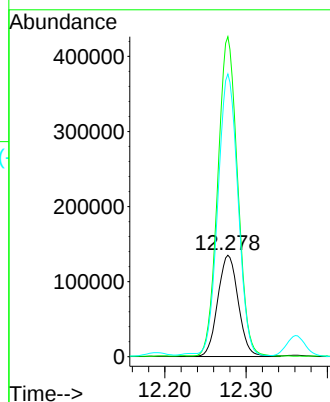
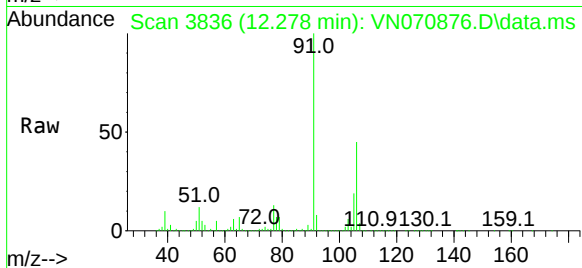
Tgt Ion:104 Resp: 236370

Ion Ratio Lower Upper

104 100

78 305.4 38.7 58.1#

103 273.8 45.0 67.6#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.675 min Scan# 4357

Delta R.T. 0.003 min

Lab File: VN070876.D

Acq: 1 Feb 2022 17:20

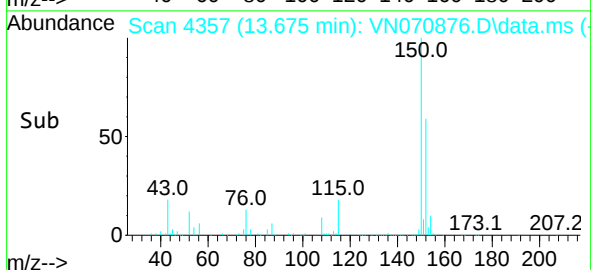
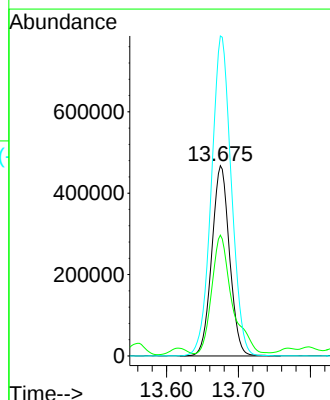
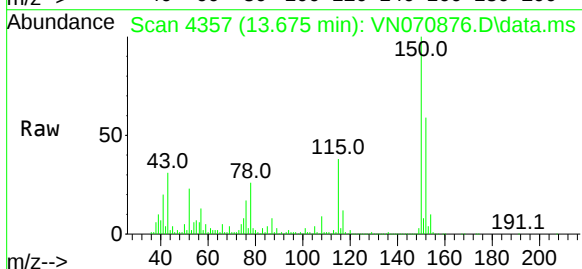
Tgt Ion:152 Resp: 800559

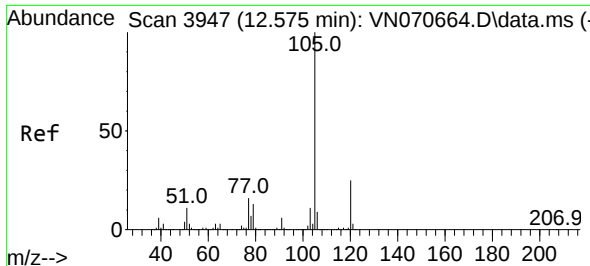
Ion Ratio Lower Upper

152 100

115 71.0 27.5 82.5

150 189.3 0.0 344.4

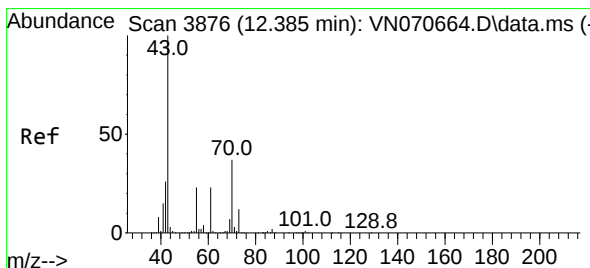
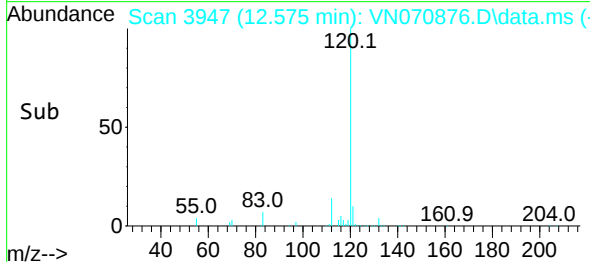
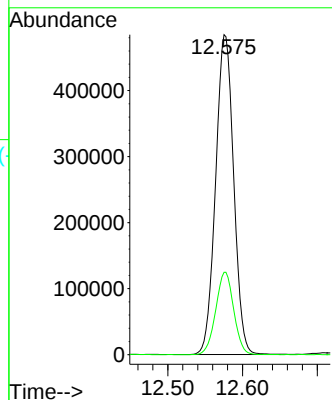
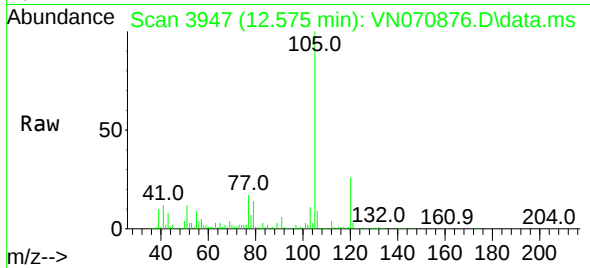




#73
Isopropylbenzene
Concen: 10.720 ug/l
RT: 12.575 min Scan# 3947
Delta R.T. 0.000 min
Lab File: VN070876.D
Acq: 1 Feb 2022 17:20

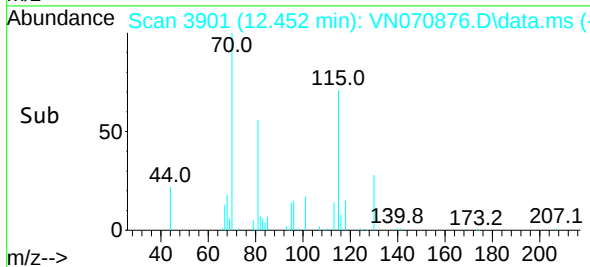
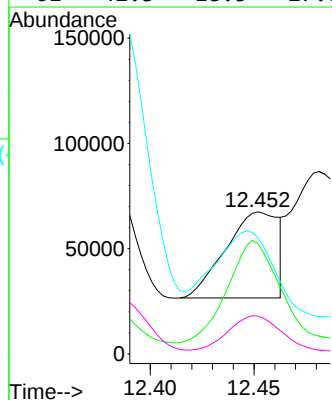
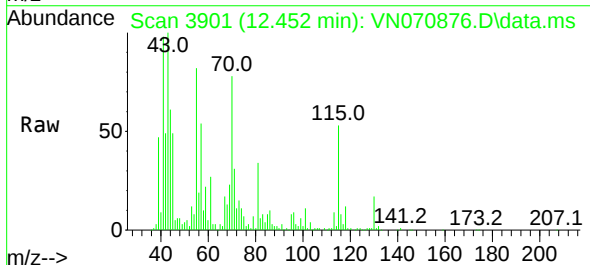
Instrument :
MSVOA_N
ClientSampleId :
31525

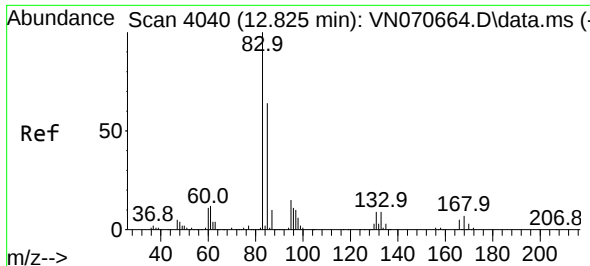
Tgt Ion:105 Resp: 811909
Ion Ratio Lower Upper
105 100
120 25.7 13.4 40.1



#74
N-ethyl acetate
Concen: 2.337 ug/l
RT: 12.452 min Scan# 3901
Delta R.T. 0.067 min
Lab File: VN070876.D
Acq: 1 Feb 2022 17:20

Tgt Ion: 43 Resp: 72373
Ion Ratio Lower Upper
43 100
70 124.1 33.4 50.0#
55 0.0 19.3 28.9#
61 42.3 18.5 27.7#

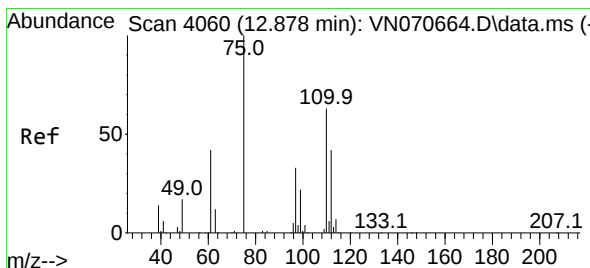
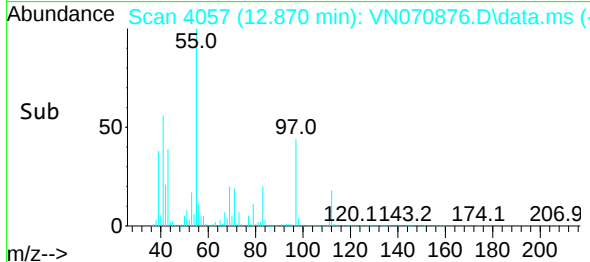
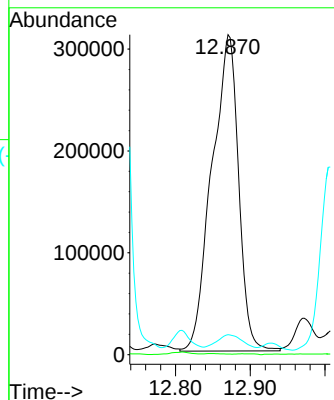
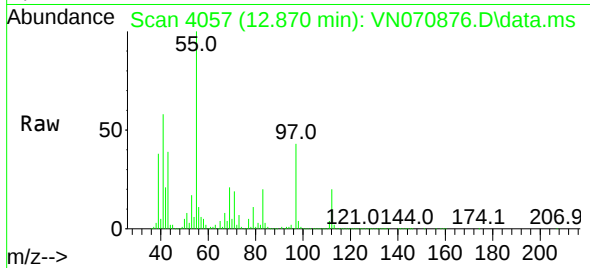




#75
1,1,2,2-Tetrachloroethane
Concen: 30.114 ug/l
RT: 12.870 min Scan# 4057
Delta R.T. 0.045 min
Lab File: VN070876.D
Acq: 1 Feb 2022 17:20

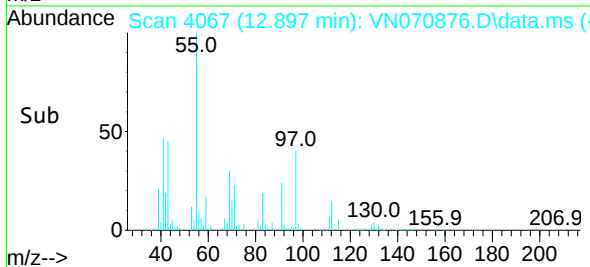
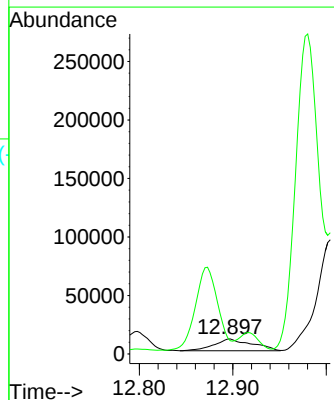
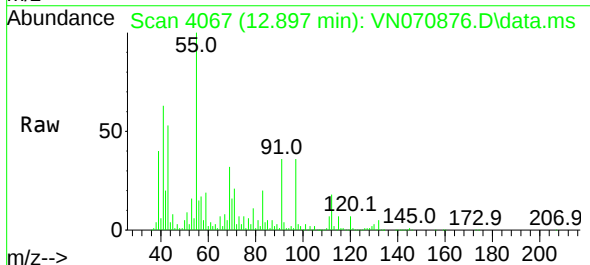
Instrument :
MSVOA_N
ClientSampleId :
31525

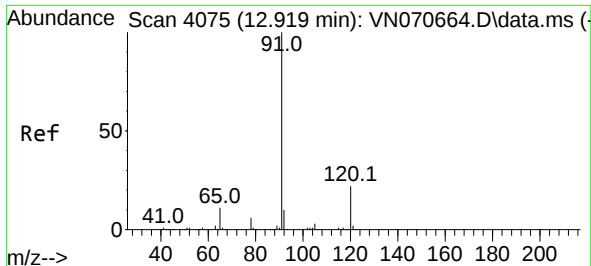
Tgt Ion: 83 Resp: 770243
Ion Ratio Lower Upper
83 100
131 0.0 5.5 16.5#
85 0.0 32.4 97.2#



#76
1,2,3-Trichloropropane
Concen: 1.357 ug/l
RT: 12.897 min Scan# 4067
Delta R.T. 0.019 min
Lab File: VN070876.D
Acq: 1 Feb 2022 17:20

Tgt Ion: 75 Resp: 28816
Ion Ratio Lower Upper
75 100
77 64.3 82.6 247.8#

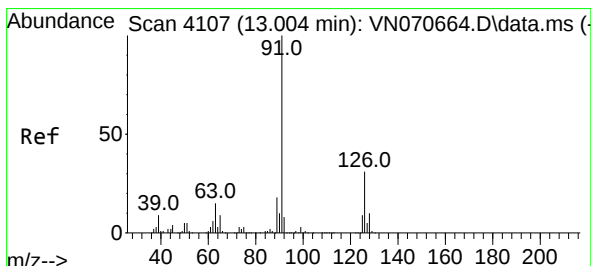
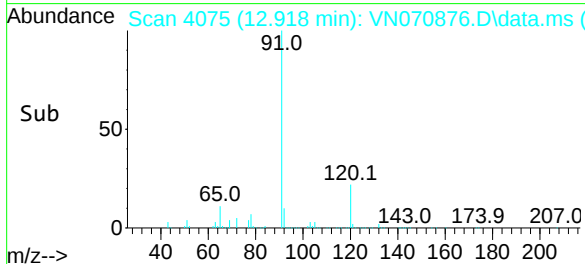
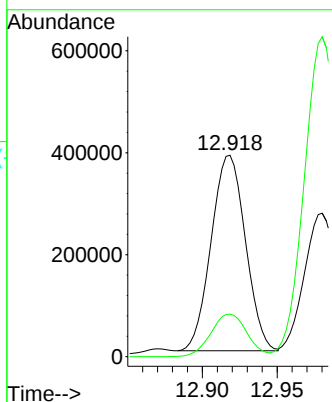
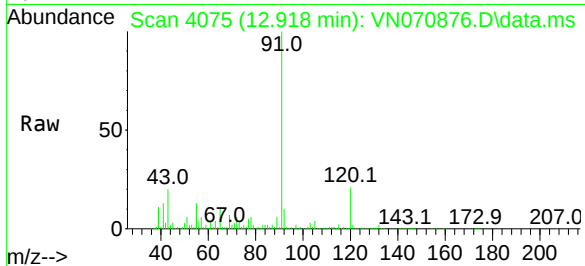




#78
n-propylbenzene
Concen: 7.233 ug/l
RT: 12.918 min Scan# 4075
Delta R.T. -0.001 min
Lab File: VN070876.D
Acq: 1 Feb 2022 17:20

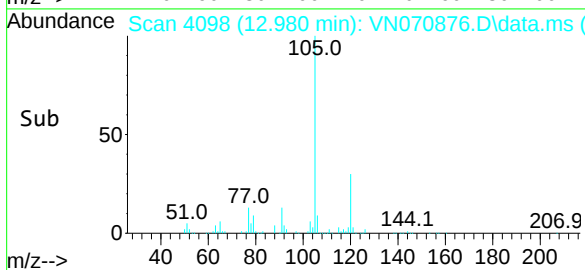
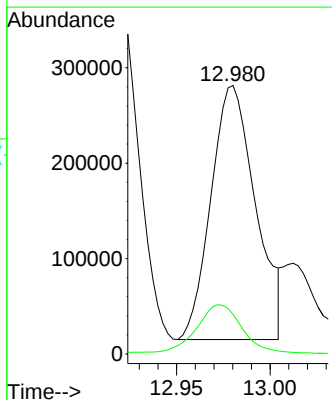
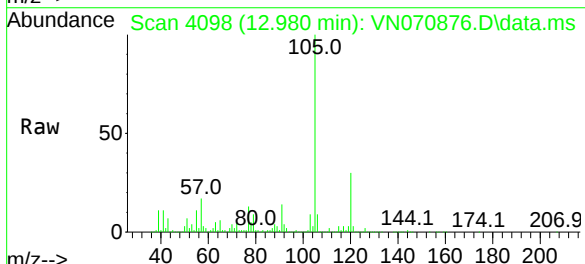
Instrument :
MSVOA_N
ClientSampleId :
31525

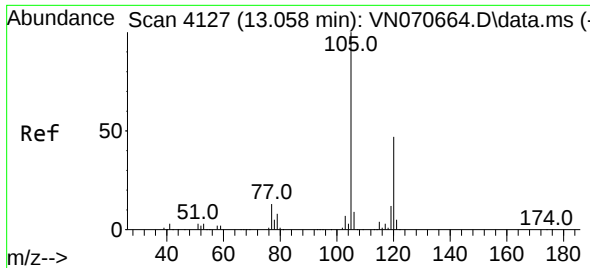
Tgt Ion: 91 Resp: 612607
Ion Ratio Lower Upper
91 100
120 22.9 11.9 35.9



#79
2-Chlorotoluene
Concen: 8.251 ug/l
RT: 12.980 min Scan# 4098
Delta R.T. -0.024 min
Lab File: VN070876.D
Acq: 1 Feb 2022 17:20

Tgt Ion: 91 Resp: 442069
Ion Ratio Lower Upper
91 100
126 19.7 18.3 54.8

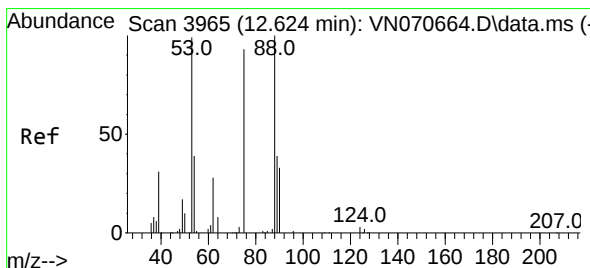
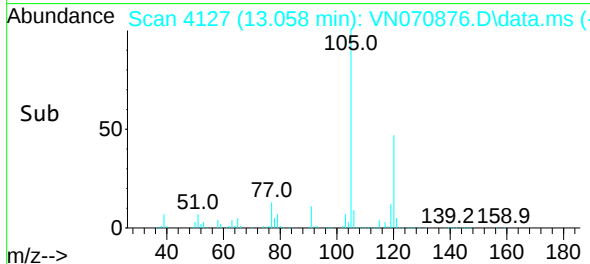
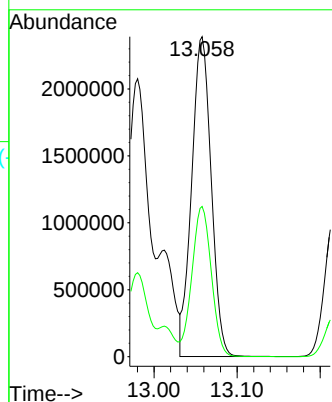
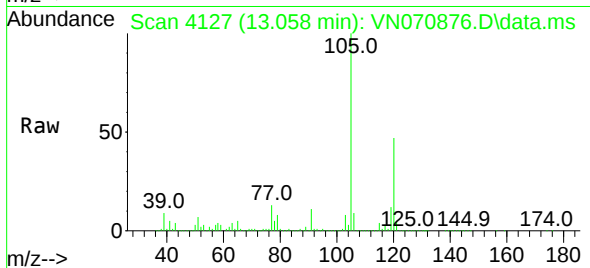




#80
 1,3,5-Trimethylbenzene
 Concen: 63.711 ug/l
 RT: 13.058 min Scan# 4127
 Delta R.T. -0.000 min
 Lab File: VN070876.D
 Acq: 1 Feb 2022 17:20

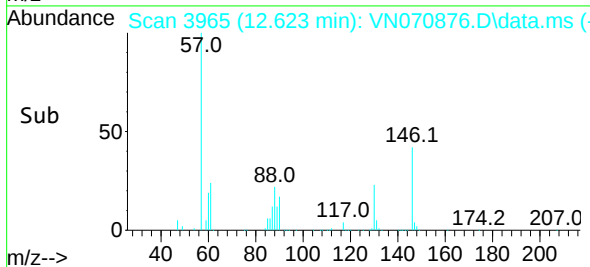
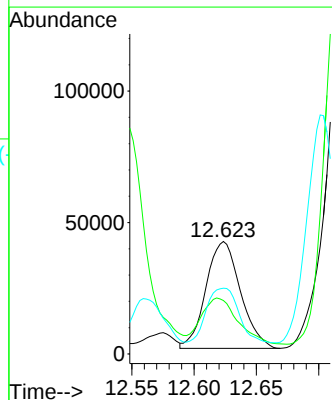
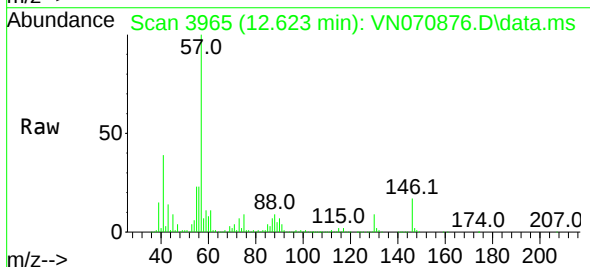
Instrument :
 MSVOA_N
 ClientSampleId :
 31525

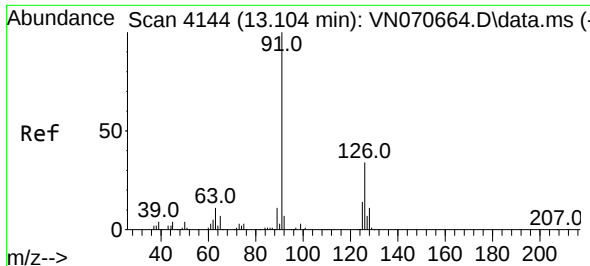
Tgt Ion:105 Resp: 3902077
 Ion Ratio Lower Upper
 105 100
 120 47.1 24.6 73.6



#81
 trans-1,4-Dichloro-2-butene
 Concen: 11.000 ug/l
 RT: 12.623 min Scan# 3965
 Delta R.T. -0.001 min
 Lab File: VN070876.D
 Acq: 1 Feb 2022 17:20

Tgt Ion: 75 Resp: 78395
 Ion Ratio Lower Upper
 75 100
 53 45.7 90.5 135.7#
 89 65.9 38.2 57.4#

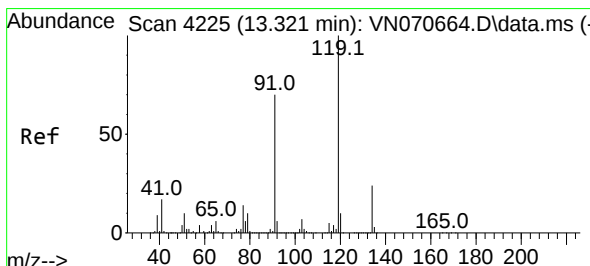
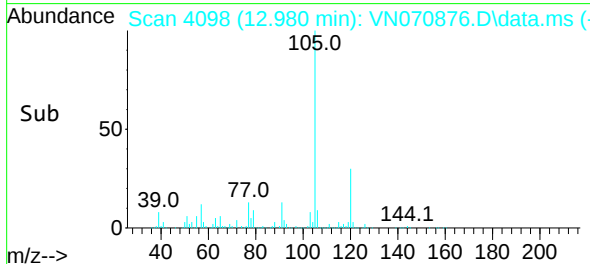
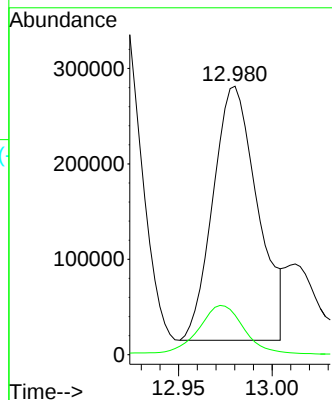
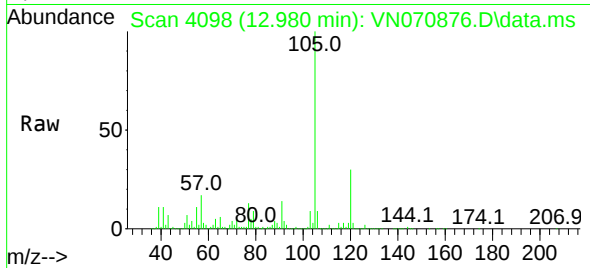




#82
4-Chlorotoluene
Concen: 8.831 ug/l
RT: 12.980 min Scan# 4144
Delta R.T. -0.124 min
Lab File: VN070876.D
Acq: 1 Feb 2022 17:20

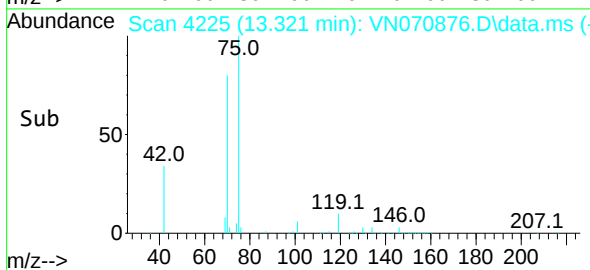
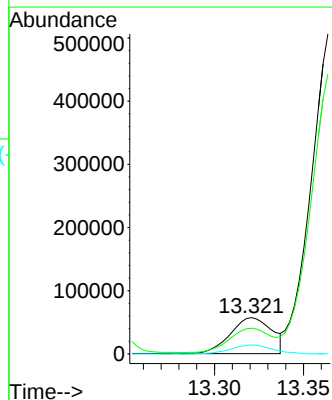
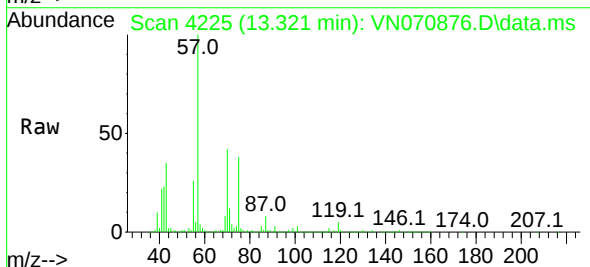
Instrument :
MSVOA_N
ClientSampleId :
31525

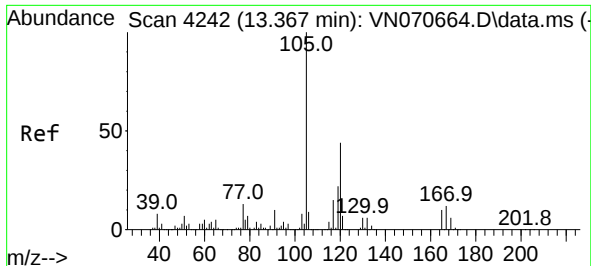
Tgt Ion: 91 Resp: 442069
Ion Ratio Lower Upper
91 100
126 19.7 18.2 54.6



#83
tert-Butylbenzene
Concen: 1.734 ug/l
RT: 13.321 min Scan# 4225
Delta R.T. -0.000 min
Lab File: VN070876.D
Acq: 1 Feb 2022 17:20

Tgt Ion: 119 Resp: 92466
Ion Ratio Lower Upper
119 100
91 64.6 31.5 94.5
134 25.5 12.4 37.4

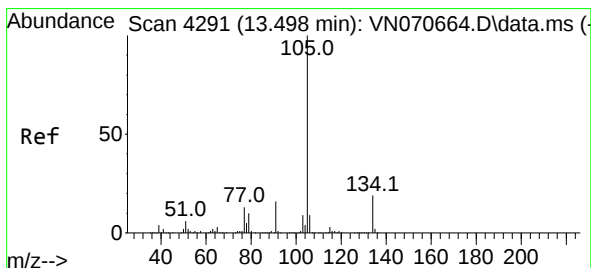
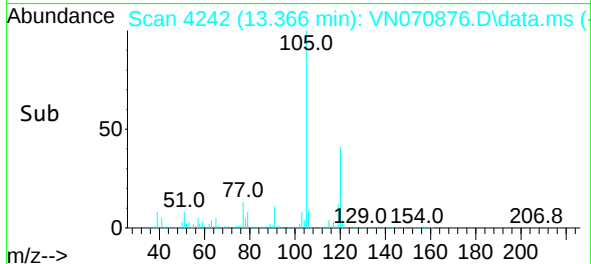
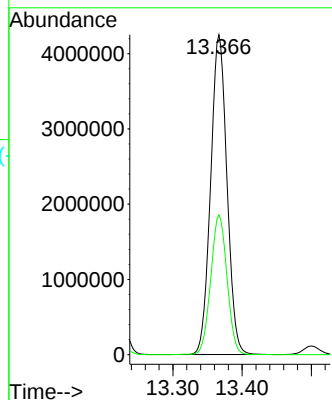
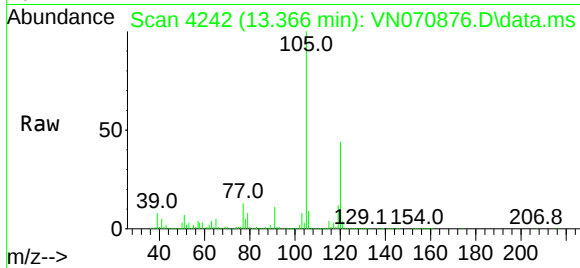




#84
 1,2,4-Trimethylbenzene
 Concen: 118.262 ug/l
 RT: 13.366 min Scan# 4242
 Delta R.T. -0.001 min
 Lab File: VN070876.D
 Acq: 1 Feb 2022 17:20

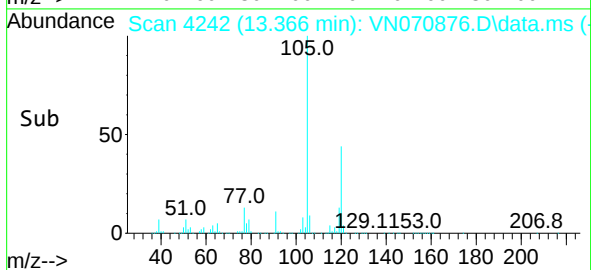
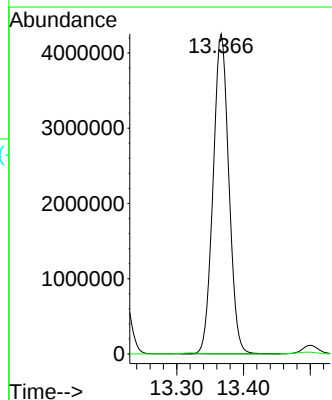
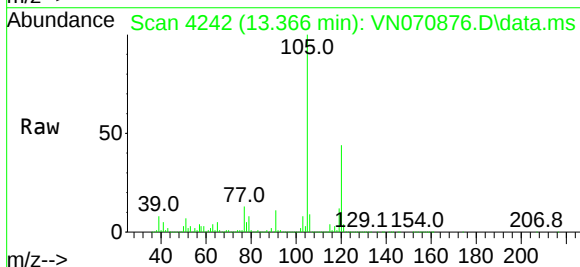
Instrument :
 MSVOA_N
 ClientSampleId :
 31525

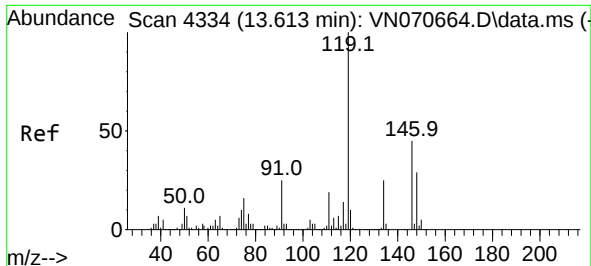
Tgt Ion:105 Resp: 6962336
 Ion Ratio Lower Upper
 105 100
 120 43.6 22.8 68.4



#85
 sec-Butylbenzene
 Concen: 96.064 ug/l
 RT: 13.366 min Scan# 4242
 Delta R.T. -0.132 min
 Lab File: VN070876.D
 Acq: 1 Feb 2022 17:20

Tgt Ion:105 Resp: 6962775
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.4 31.1#

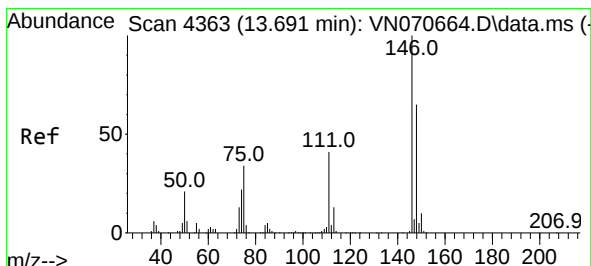
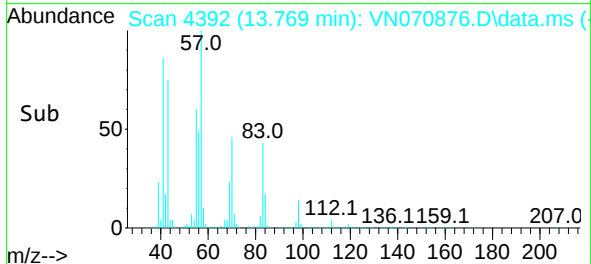
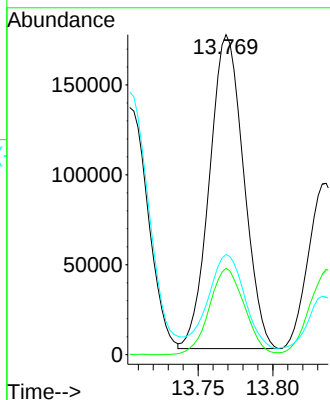
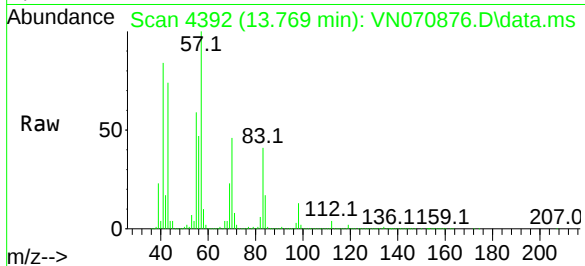




#86
p-Isopropyltoluene
Concen: 4.878 ug/l
RT: 13.769 min Scan# 4392
Delta R.T. 0.156 min
Lab File: VN070876.D
Acq: 1 Feb 2022 17:20

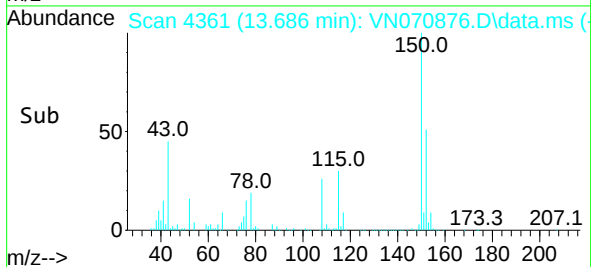
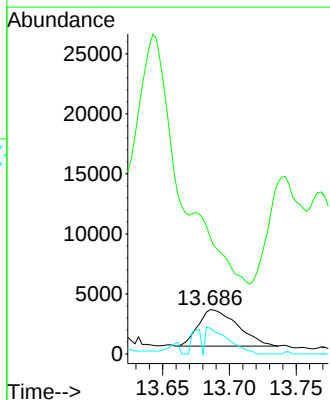
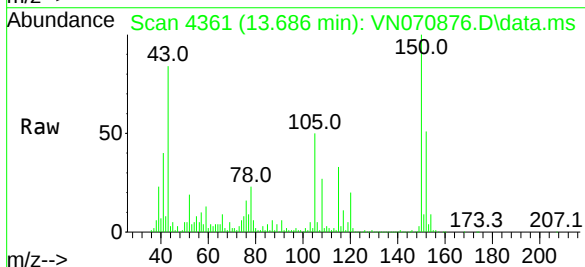
Instrument :
MSVOA_N
ClientSampleId :
31525

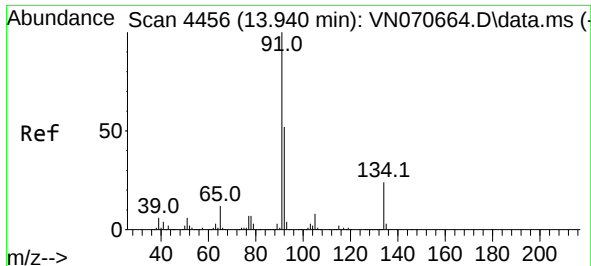
Tgt Ion:119 Resp: 277755
Ion Ratio Lower Upper
119 100
134 28.3 13.6 40.7
91 31.6 11.4 34.1



#88
1,4-Dichlorobenzene
Concen: 0.222 ug/l
RT: 13.686 min Scan# 4361
Delta R.T. -0.005 min
Lab File: VN070876.D
Acq: 1 Feb 2022 17:20

Tgt Ion:146 Resp: 6254
Ion Ratio Lower Upper
146 100
111 0.0 18.3 54.8#
148 41.6 31.8 95.4

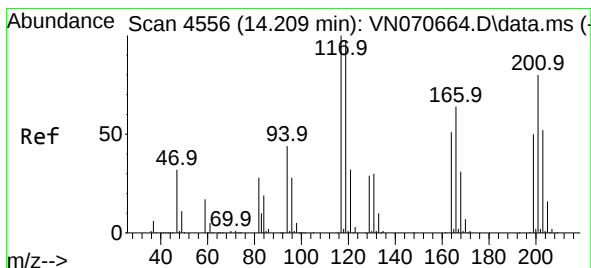
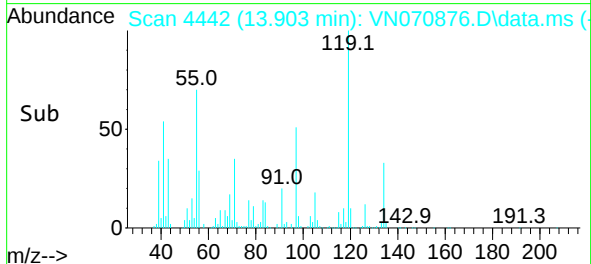
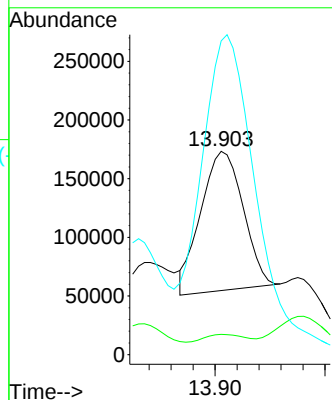
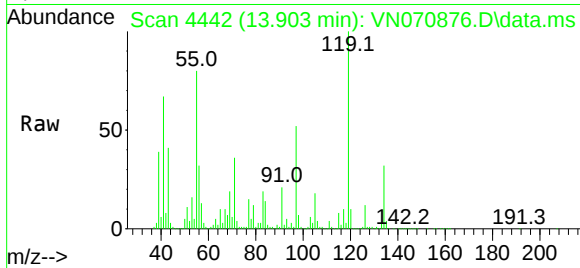




#89
n-Butylbenzene
Concen: 3.390 ug/l
RT: 13.903 min Scan# 4456
Delta R.T. -0.037 min
Lab File: VN070876.D
Acq: 1 Feb 2022 17:20

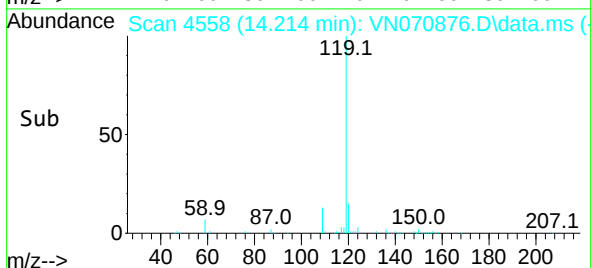
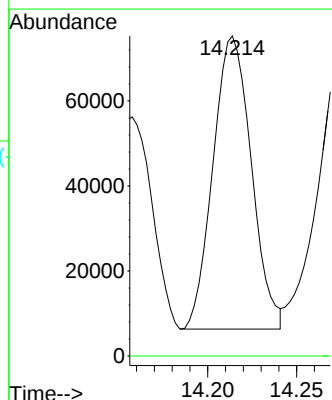
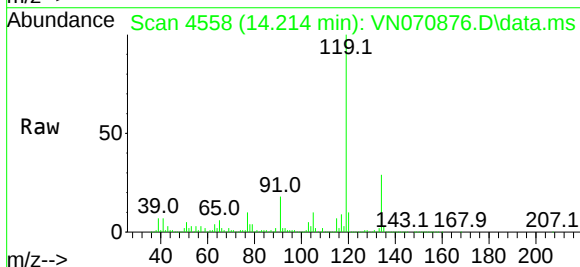
Instrument :
MSVOA_N
ClientSampleId :
31525

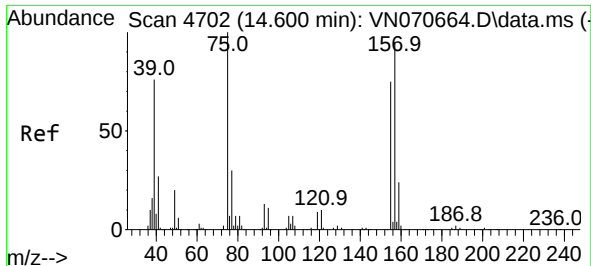
Tgt Ion: 91 Resp: 159244
Ion Ratio Lower Upper
91 100
92 14.0 25.4 76.0#
134 300.8 13.6 40.8#



#90
Hexachloroethane
Concen: 10.382 ug/l
RT: 14.214 min Scan# 4558
Delta R.T. 0.005 min
Lab File: VN070876.D
Acq: 1 Feb 2022 17:20

Tgt Ion: 117 Resp: 103334
Ion Ratio Lower Upper
117 100
201 0.0 43.9 131.6#

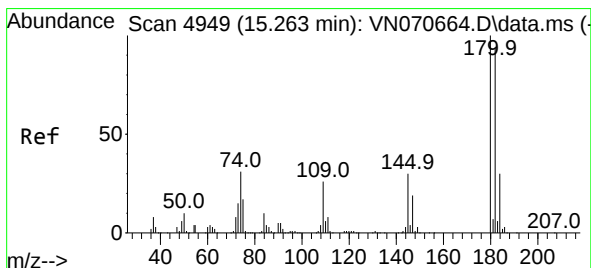
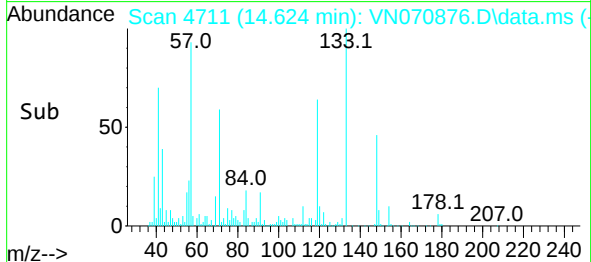
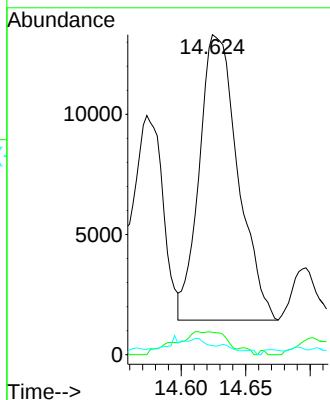
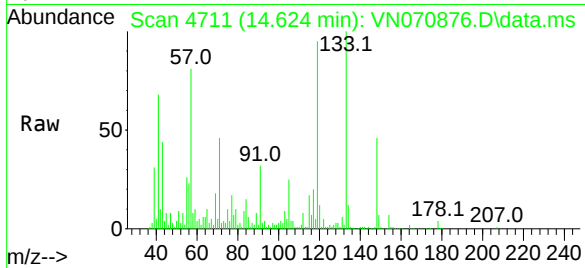




#92
1,2-Dibromo-3-Chloropropane
Concen: 5.721 ug/l
RT: 14.624 min Scan# 41
Delta R.T. 0.024 min
Lab File: VN070876.D
Acq: 1 Feb 2022 17:20

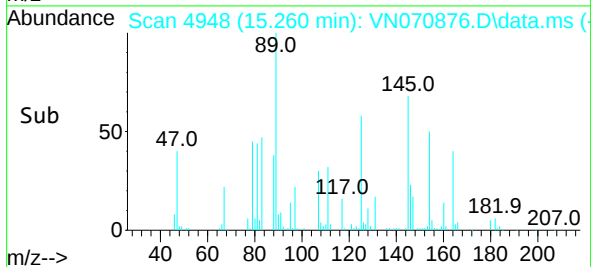
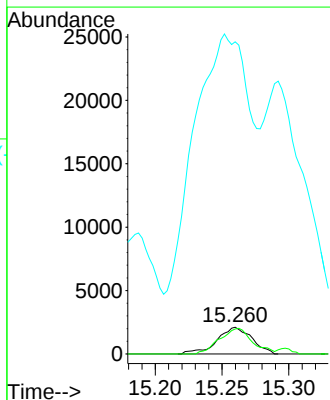
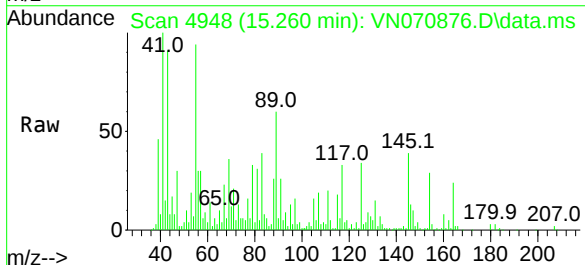
Instrument :
MSVOA_N
ClientSampleId :
31525

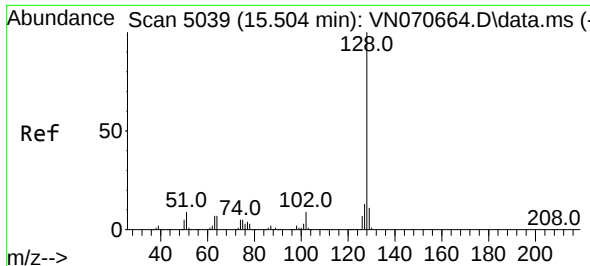
Tgt Ion: 75 Resp: 24823
Ion Ratio Lower Upper
75 100
155 5.8 46.9 140.7#
157 0.0 60.6 181.7#



#93
1,2,4-Trichlorobenzene
Concen: 3.666 ug/l
RT: 15.260 min Scan# 4948
Delta R.T. -0.003 min
Lab File: VN070876.D
Acq: 1 Feb 2022 17:20

Tgt Ion: 180 Resp: 3817
Ion Ratio Lower Upper
180 100
182 90.4 48.3 144.9
145 1569.6 14.5 43.5#

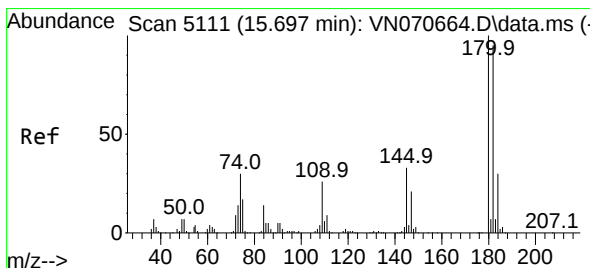
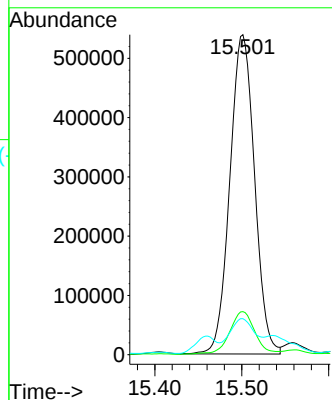
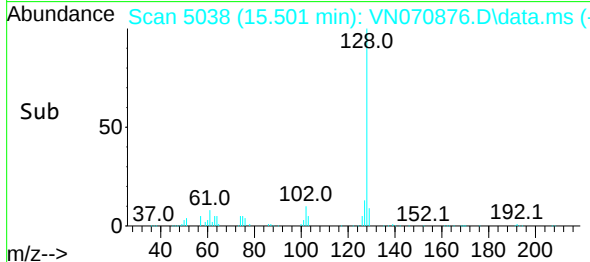
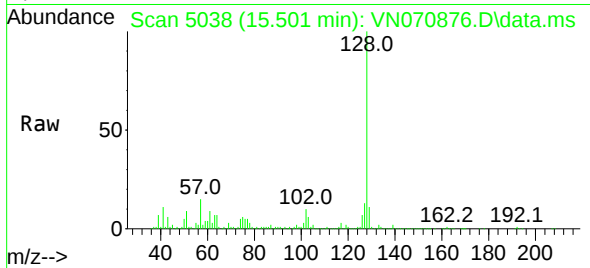




#95
Naphthalene
Concen: 28.045 ug/l
RT: 15.501 min Scan# 5039
Delta R.T. -0.003 min
Lab File: VN070876.D
Acq: 1 Feb 2022 17:20

Instrument :
MSVOA_N
ClientSampleId :
31525

Tgt Ion:128 Resp: 1064124
Ion Ratio Lower Upper
128 100
127 13.7 10.5 15.7
129 6.3 8.7 13.1#



#96
1,2,3-Trichlorobenzene
Concen: 3.540 ug/l
RT: 15.694 min Scan# 5110
Delta R.T. -0.003 min
Lab File: VN070876.D
Acq: 1 Feb 2022 17:20

Tgt Ion:180 Resp: 4899
Ion Ratio Lower Upper
180 100
182 587.0 47.4 142.2#
145 0.0 15.0 45.1#

