

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090321\
 Data File : VN068404.D
 Acq On : 3 Sep 2021 12:55
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Sep 04 03:09:39 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090321W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Sep 03 13:24:01 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.665	128	117179	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.971	114	598009	30.000	ug/l	# 0.00
57) Chlorobenzene-d5	11.747	117	509382	30.000	ug/l	# 0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.440	65	201409	28.992	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	96.633%
60) 4-Bromofluorobenzene	12.734	95	195651	27.123	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	90.400%
63) Toluene-d8	10.443	98	685542	30.221	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	100.733%
Target Compounds						
					Qvalue	
3) Chloromethane	2.309	50	2345	0.437	ug/l	92
4) Vinyl Chloride	2.451	62	1844	0.231	ug/l	# 75
5) Bromomethane	2.875	94	7553	1.030	ug/l	84
11) Methyl Iodide	4.452	142	5977	0.636	ug/l	79
12) Methyl Acetate	4.873	43	3604	0.613	ug/l	96
13) Acrolein	4.060	56	2442	4.631	ug/l	# 41
14) Acrylonitrile	5.565	53	2690	1.128	ug/l	# 27
15) Acetone	4.309	58	906	1.292	ug/l	# 33
16) Carbon Disulfide	4.540	76	24659	1.614	ug/l	99
18) Methylene Chloride	5.101	84	3328	0.520	ug/l	# 69
19) trans-1,2-Dichloroethene	5.597	96	2047	0.314	ug/l	# 54
23) tert-Butyl Alcohol	5.329	59	180	0.206	ug/l	# 100
30) 2-Butanone	7.343	43	3137	1.022	ug/l	# 82
37) Trichloroethene	9.223	130	4282	0.528	ug/l	# 74
38) Methylcyclohexane	9.459	83	2229	0.200	ug/l	# 54
40) Dibromomethane	9.582	93	1217	0.256	ug/l	# 27
45) 1,4-Dioxane	9.569	88	1230	12.409	ug/l	# 42
46) Methyl methacrylate	9.563	41	1803	0.385	ug/l	81
47) n-amyl Acetate	12.390	43	12910	1.702	ug/l	# 82
48) t-1,3-Dichloropropene	10.719	75	3565	0.394	ug/l	89
49) cis-1,3-Dichloropropene	10.188	75	2363	0.237	ug/l	# 75
50) 1,1,2-Trichloroethane	10.899	97	1879	0.280	ug/l	# 73
51) Ethyl methacrylate	10.765	69	3515	0.407	ug/l	83
55) 2-Chloroethyl vinyl ether	10.041	63	486	46.672	ug/l	# 91
58) 4-Methyl-2-Pentanone	10.336	43	13377	2.257	ug/l	# 90
59) 2-Hexanone	11.087	43	25931	6.304	ug/l	88
61) Tetrachloroethene	10.977	164	3495	0.444	ug/l	# 84
62) Toluene	10.505	91	8531	0.305	ug/l	96
64) Chlorobenzene	11.773	112	10274	0.570	ug/l	95
66) Ethyl Benzene	11.848	91	13140	0.437	ug/l	90
67) m/p-Xylenes	11.956	106	10985	0.890	ug/l	80
68) o-Xylene	12.275	106	4573	0.383	ug/l	69
69) Styrene	12.296	104	11493	0.609	ug/l	# 85
70) Isopropylbenzene	12.583	105	12259	0.398	ug/l	85
71) 1,1,1,2,2-Tetrachloroethane	12.830	83	4918	0.625	ug/l	94
72) 1,2,3-Trichloropropane	12.886	75	6683	1.036	ug/l	86
73) Bromobenzene	12.862	156	7872	0.924	ug/l	47
74) n-propylbenzene	12.921	91	27156	0.817	ug/l	87
75) 2-Chlorotoluene	13.010	91	13669	0.693	ug/l	# 100

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 ALS Vial : 7 Sample Multiplier: 1

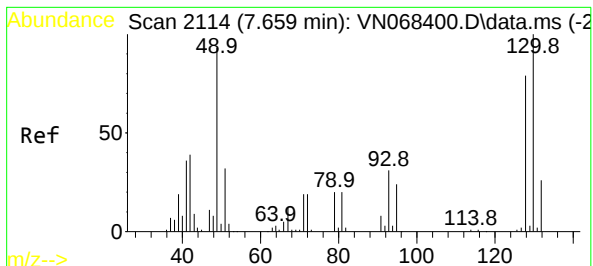
Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Sep 04 03:09:39 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090321W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Sep 03 13:24:01 2021
 Response via : Initial Calibration

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

76) 1,3,5-Trimethylbenzene	13.061	105	13072	0.513	ug/l	92
78) 4-Chlorotoluene	13.109	91	22309	1.153	ug/l	79
79) tert-butylbenzene	13.326	119	10737	0.461	ug/l	82
80) 1,2,4-Trimethylbenzene	13.369	105	20335	0.822	ug/l #	65
81) sec-Butylbenzene	13.501	105	23046	0.737	ug/l	92
82) p-Isopropyltoluene	13.616	119	25059	0.932	ug/l	90
83) 1,3-Dichlorobenzene	13.616	146	22952	1.526	ug/l	90
84) 1,4-Dichlorobenzene	13.696	146	28091	1.937	ug/l	91
85) n-Butylbenzene	13.943	91	43817	2.185	ug/l	94
86) Hexachloroethane	14.214	117	946	0.208	ug/l #	26
87) 1,2-Dichlorobenzene	13.989	146	23891	1.671	ug/l	88
88) 1,2-Dibromo-3-Chloropr...	14.606	75	3470	2.547	ug/l #	32
89) 1,2,4-Trichlorobenzene	15.263	180	48552	6.323	ug/l	95
90) Hexachlorobutadiene	15.367	225	10987	2.435	ug/l	96
91) Naphthalene	15.507	128	194354	11.973	ug/l	99
92) 1,2,3-Trichlorobenzene	15.700	180	64863	8.881	ug/l	96

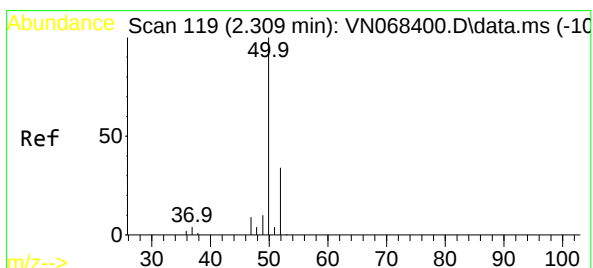
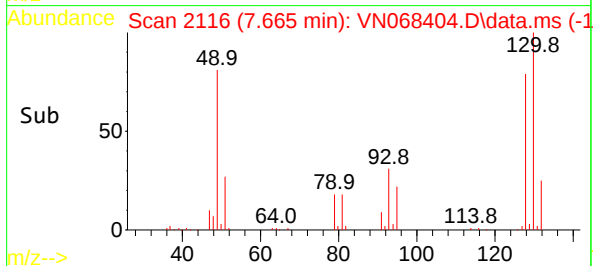
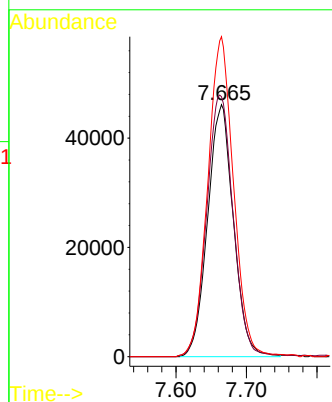
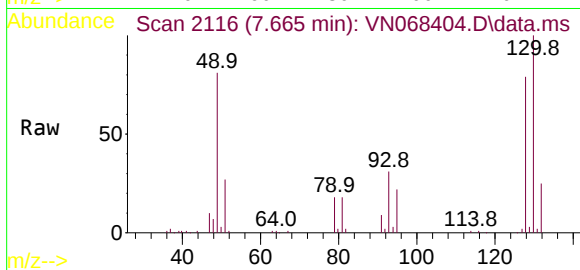
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.665 min Scan# 2116
Delta R.T. 0.006 min
Lab File: VN068404.D
Acq: 3 Sep 2021 12:55

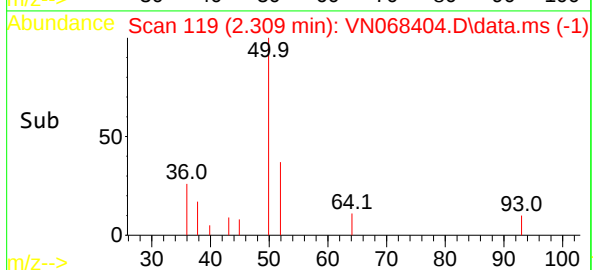
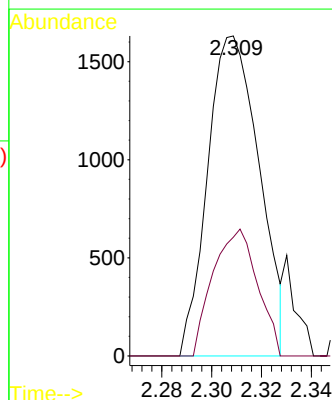
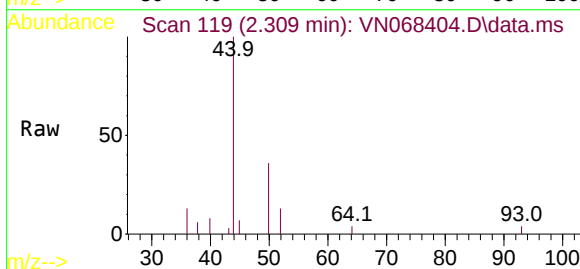
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MSVOA_N
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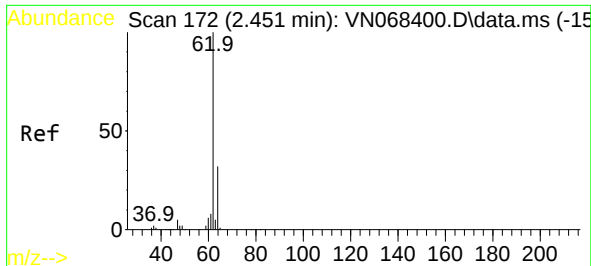
Tgt Ion:128 Resp: 117179
Ion Ratio Lower Upper
128 100
49 106.7 0.0 517.5
130 126.5 0.0 325.8



#3
Chloromethane
Concen: 0.437 ug/l
RT: 2.309 min Scan# 119
Delta R.T. 0.000 min
Lab File: VN068404.D
Acq: 3 Sep 2021 12:55

Tgt Ion: 50 Resp: 2345
Ion Ratio Lower Upper
50 100
52 37.1 26.0 39.0

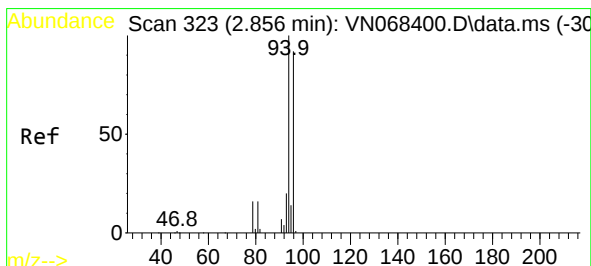
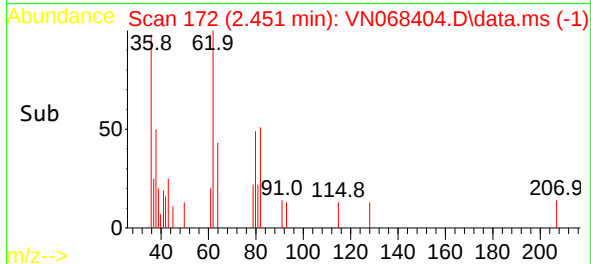
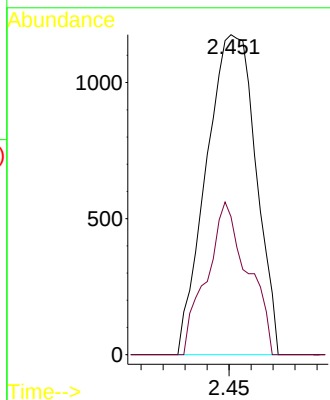
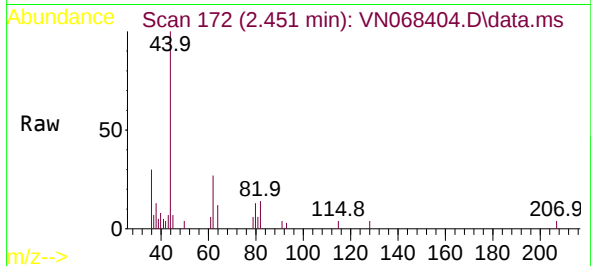




#4
 Vinyl Chloride
 Concen: 0.231 ug/l
 RT: 2.451 min Scan# 172
 Delta R.T. 0.000 min
 Lab File: VN068404.D
 Acq: 3 Sep 2021 12:55

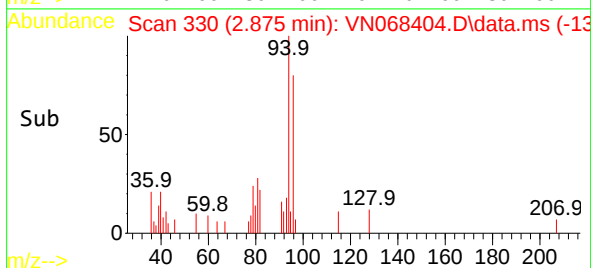
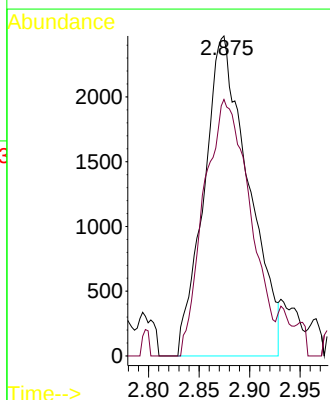
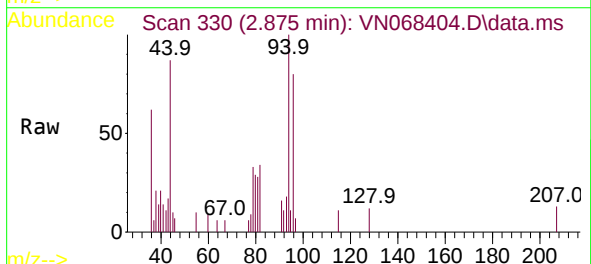
Instrument :
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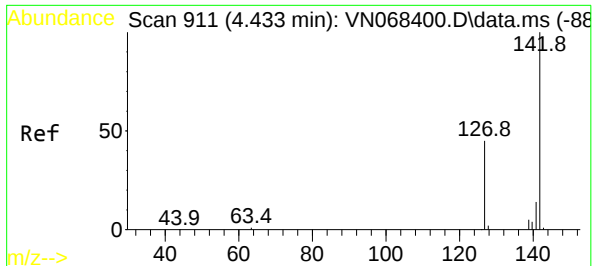
Tgt Ion: 62 Resp: 1844
 Ion Ratio Lower Upper
 62 100
 64 43.1 23.7 35.5#



#5
 Bromomethane
 Concen: 1.030 ug/l
 RT: 2.875 min Scan# 330
 Delta R.T. 0.019 min
 Lab File: VN068404.D
 Acq: 3 Sep 2021 12:55

Tgt Ion: 94 Resp: 7553
 Ion Ratio Lower Upper
 94 100
 96 72.3 69.4 104.2

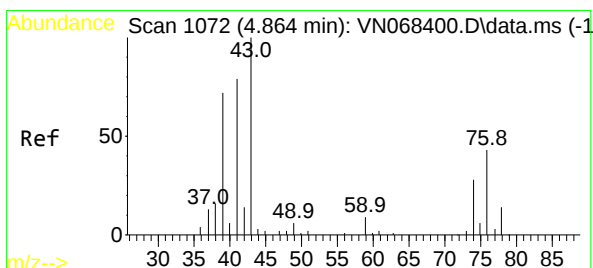
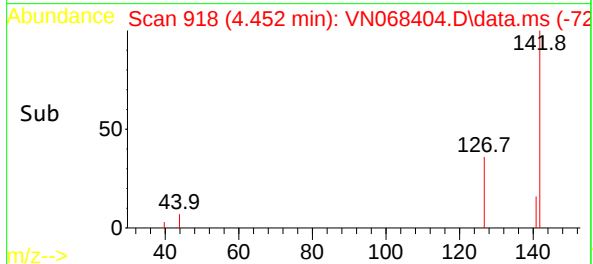
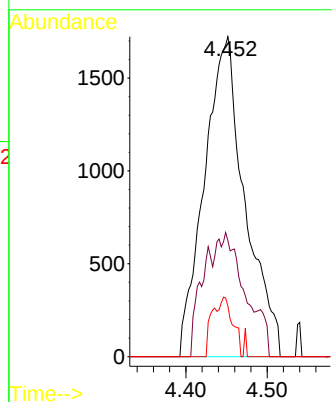
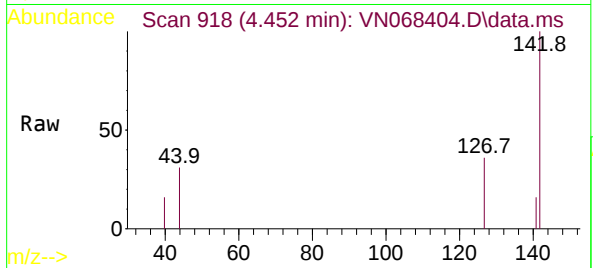




#11
Methyl Iodide
Concen: 0.636 ug/l
RT: 4.452 min Scan# 918
Delta R.T. 0.019 min
Lab File: VN068404.D
Acq: 3 Sep 2021 12:55

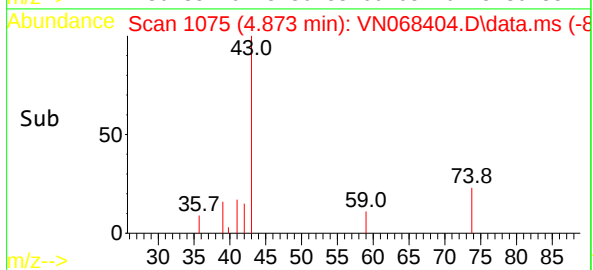
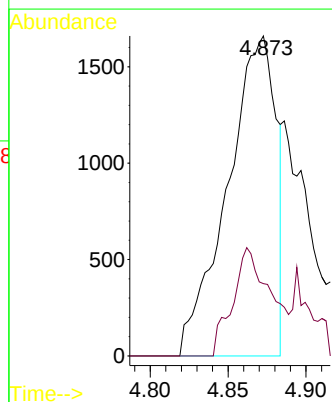
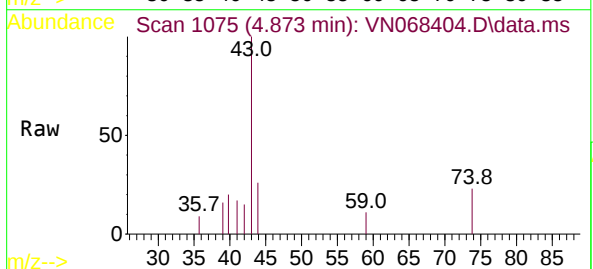
Instrument :
MSVOA_N
ClientSampled :

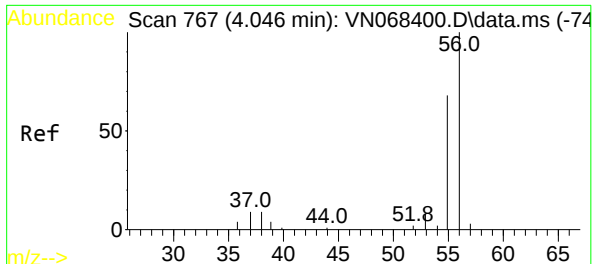
Tgt Ion:142 Resp: 5977
Ion Ratio Lower Upper
142 100
127 36.2 27.2 81.5
141 15.8 6.9 20.7



#12
Methyl Acetate
Concen: 0.613 ug/l
RT: 4.873 min Scan# 1075
Delta R.T. 0.008 min
Lab File: VN068404.D
Acq: 3 Sep 2021 12:55

Tgt Ion: 43 Resp: 3604
Ion Ratio Lower Upper
43 100
74 22.6 16.6 25.0

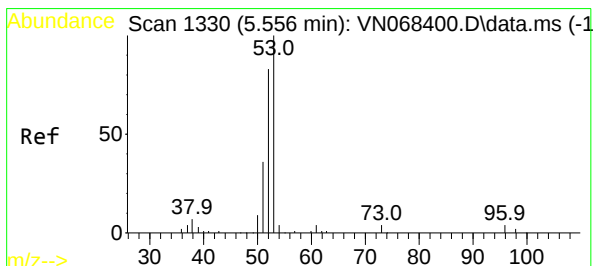
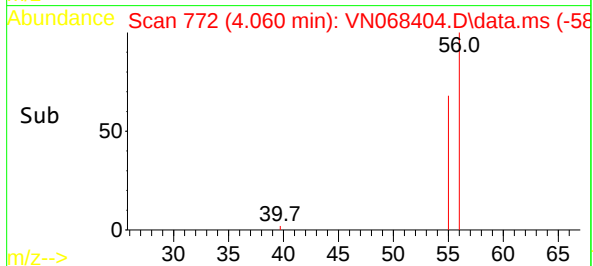
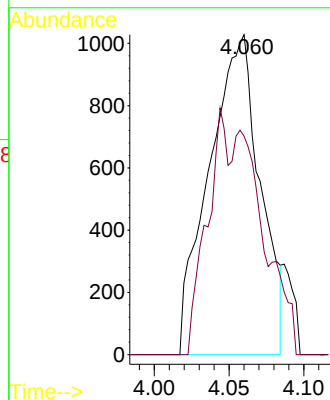
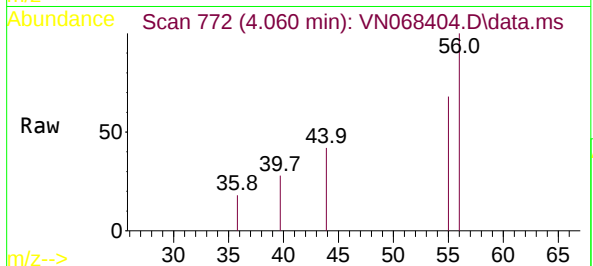




#13
Acrolein
Concen: 4.631 ug/l
RT: 4.060 min Scan# 772
Delta R.T. 0.014 min
Lab File: VN068404.D
Acq: 3 Sep 2021 12:55

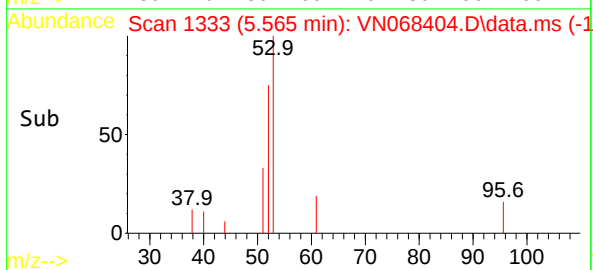
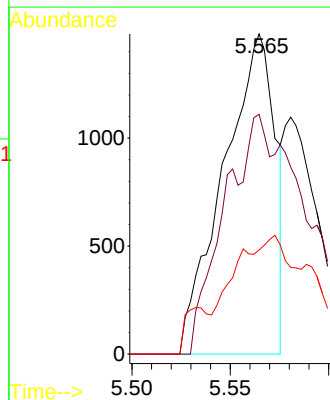
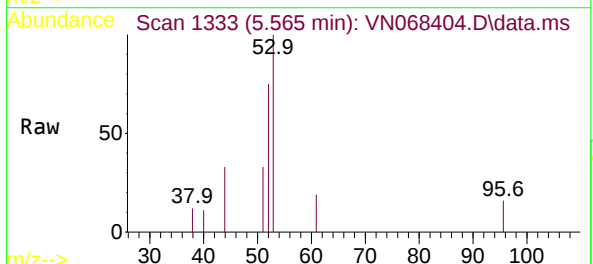
Instrument :
MSVOA_N
ClientSampled :

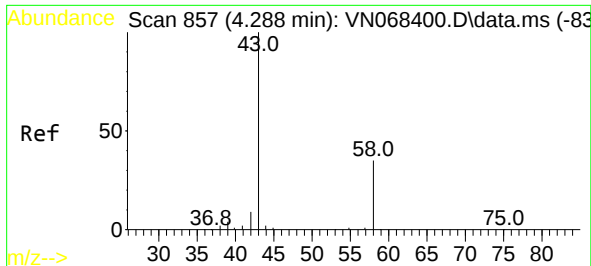
Tgt Ion: 56 Resp: 2442
Ion Ratio Lower Upper
56 100
55 23.0 57.5 86.3#



#14
Acrylonitrile
Concen: 1.128 ug/l
RT: 5.565 min Scan# 1333
Delta R.T. 0.008 min
Lab File: VN068404.D
Acq: 3 Sep 2021 12:55

Tgt Ion: 53 Resp: 2690
Ion Ratio Lower Upper
53 100
52 11.3 41.8 125.4#
51 2.0 18.1 54.3#

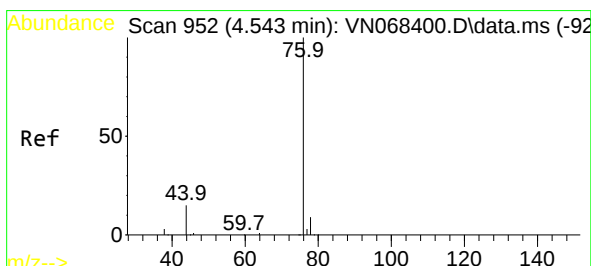
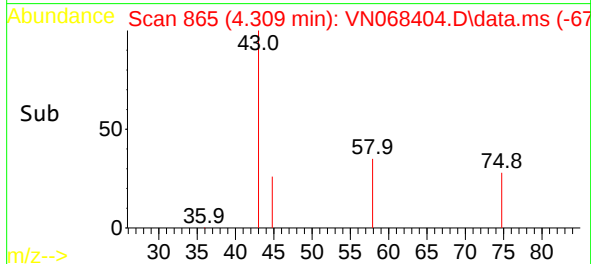
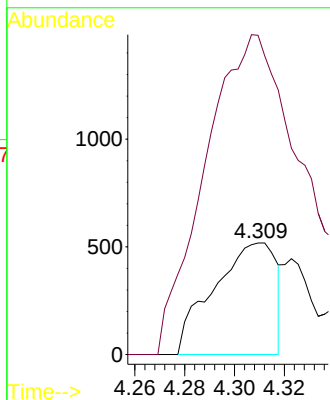
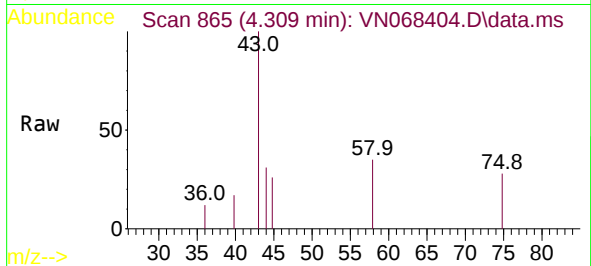




#15
Acetone
Concen: 1.292 ug/l
RT: 4.309 min Scan# 865
Delta R.T. 0.022 min
Lab File: VN068404.D
Acq: 3 Sep 2021 12:55

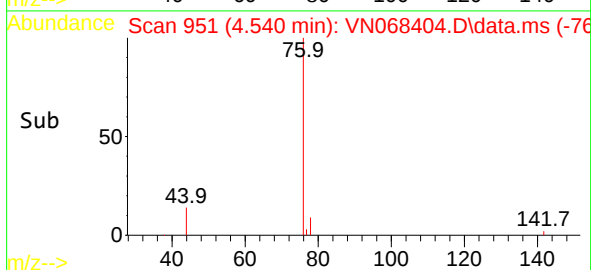
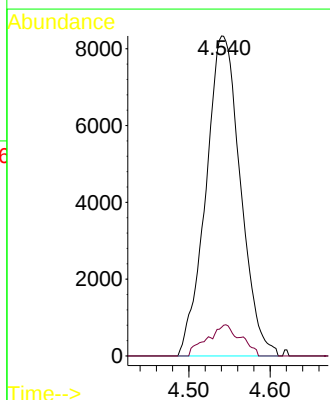
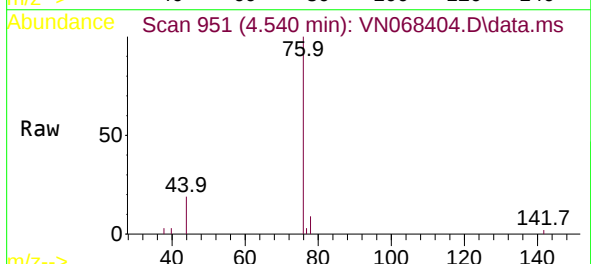
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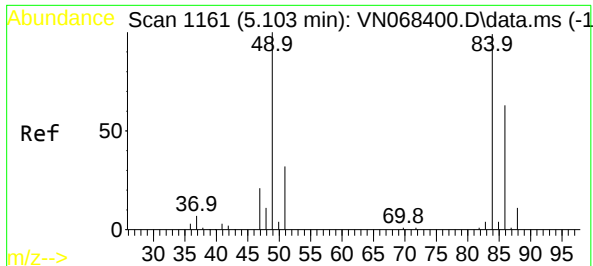
Tgt Ion: 58 Resp: 906
Ion Ratio Lower Upper
58 100
43 214.1 289.6 434.4#



#16
Carbon Disulfide
Concen: 1.614 ug/l
RT: 4.540 min Scan# 951
Delta R.T. -0.003 min
Lab File: VN068404.D
Acq: 3 Sep 2021 12:55

Tgt Ion: 76 Resp: 24659
Ion Ratio Lower Upper
76 100
78 9.0 7.0 10.4





#18

Methylene Chloride

Concen: 0.520 ug/l

RT: 5.101 min Scan# 1160

Delta R.T. -0.002 min

Lab File: VN068404.D

Acq: 3 Sep 2021 12:55

Tgt Ion: 84 Resp: 3328

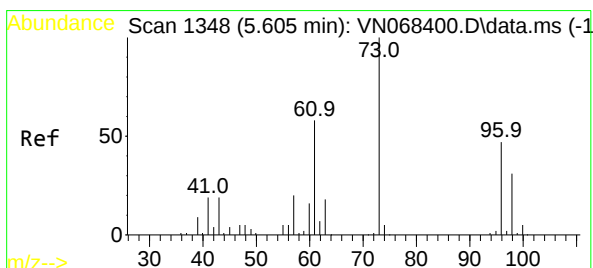
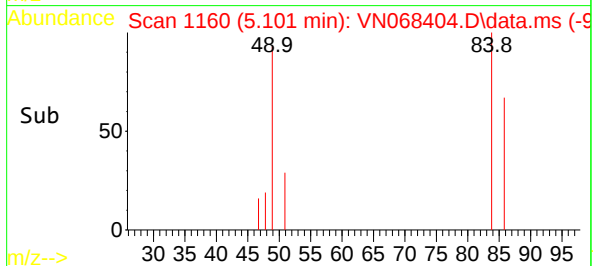
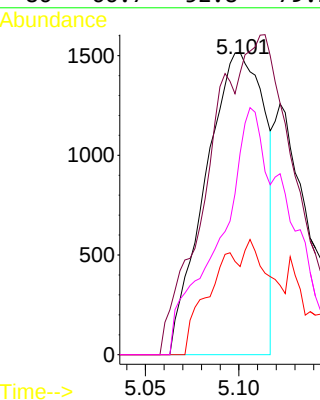
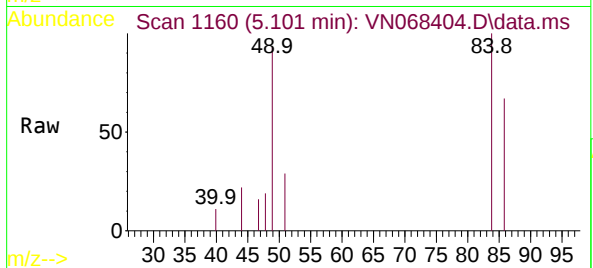
Ion Ratio Lower Upper

84 100

49 78.4 110.9 166.3#

51 29.2 31.2 46.8#

86 66.7 52.8 79.2



#19

trans-1,2-Dichloroethene

Concen: 0.314 ug/l

RT: 5.597 min Scan# 1345

Delta R.T. -0.008 min

Lab File: VN068404.D

Acq: 3 Sep 2021 12:55

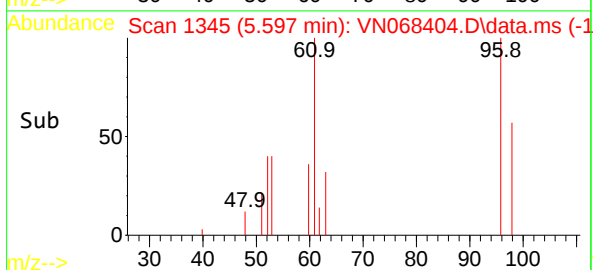
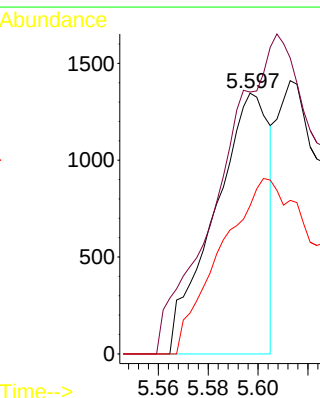
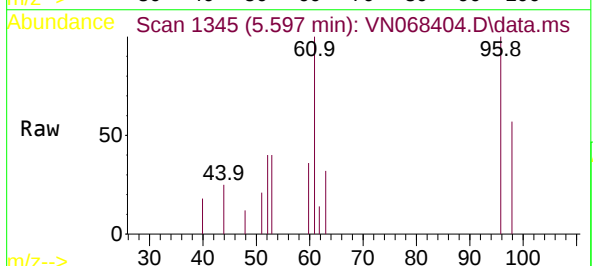
Tgt Ion: 96 Resp: 2047

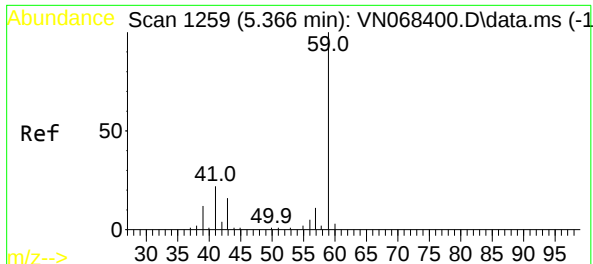
Ion Ratio Lower Upper

96 100

61 79.0 129.3 193.9#

98 56.8 48.0 72.0

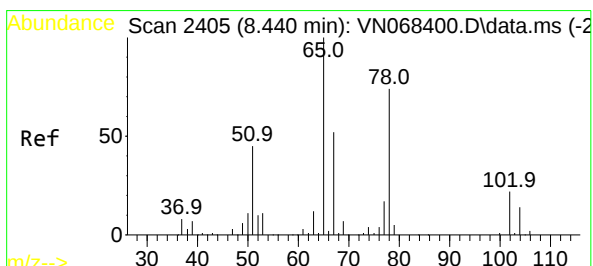
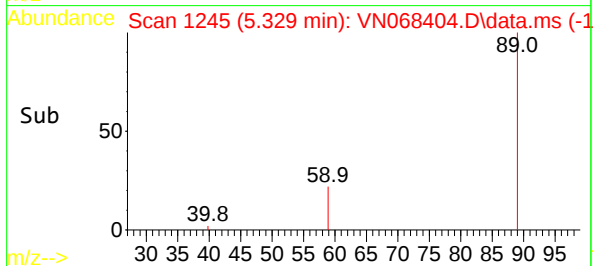
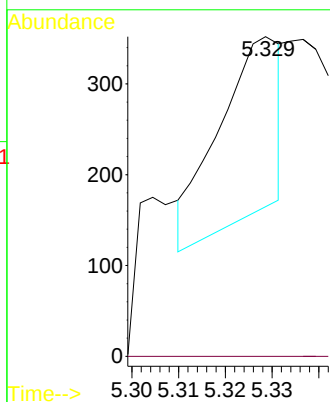
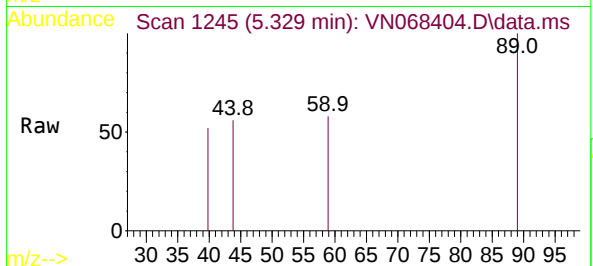




#23
tert-Butyl Alcohol
Concen: 0.206 ug/l
RT: 5.329 min Scan# 1245
Delta R.T. -0.037 min
Lab File: VN068404.D
Acq: 3 Sep 2021 12:55

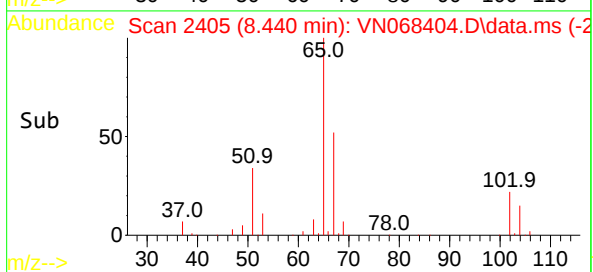
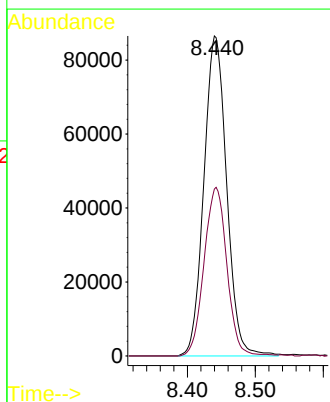
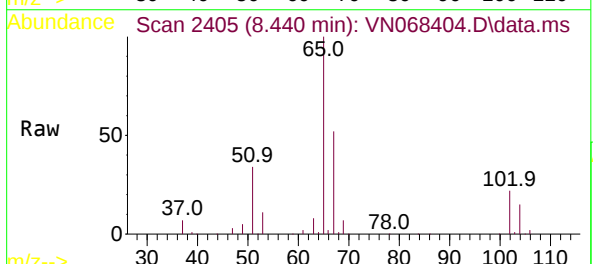
Instrument :
MSVOA_N
ClientSampled :

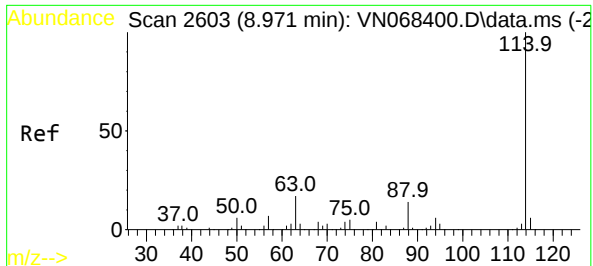
Tgt Ion: 59 Resp: 180
Ion Ratio Lower Upper
59 100
52 0.0 0.1 0.1#



#27
1,2-Dichloroethane-d4
Concen: 28.992 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. 0.000 min
Lab File: VN068404.D
Acq: 3 Sep 2021 12:55

Tgt Ion: 65 Resp: 201409
Ion Ratio Lower Upper
65 100
67 52.6 39.8 59.8

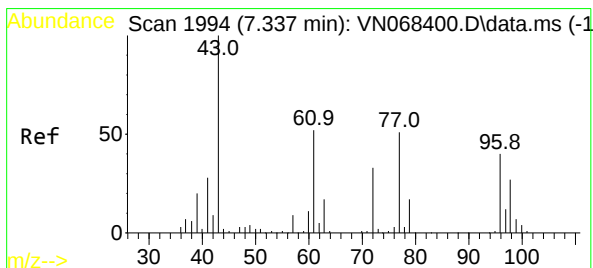
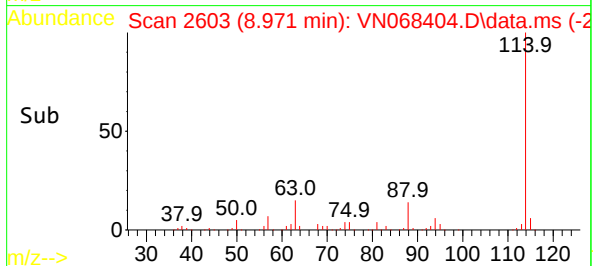
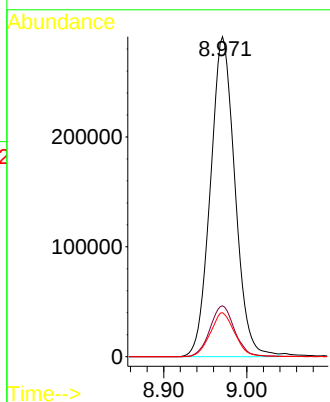
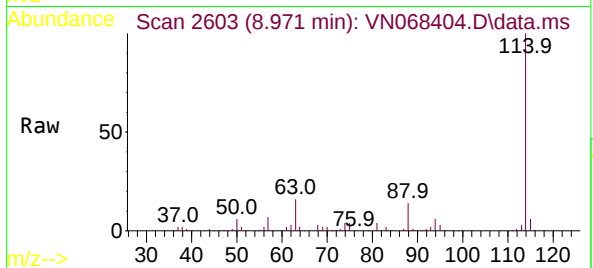




#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.000 min
Lab File: VN068404.D
Acq: 3 Sep 2021 12:55

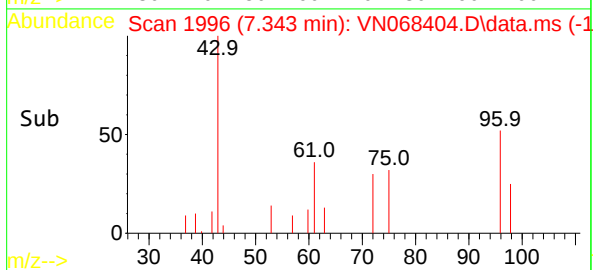
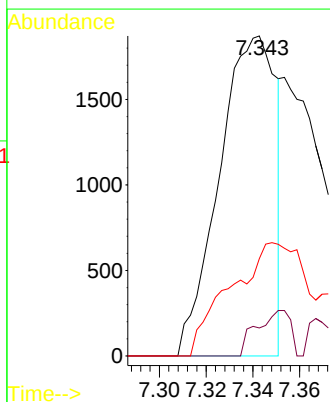
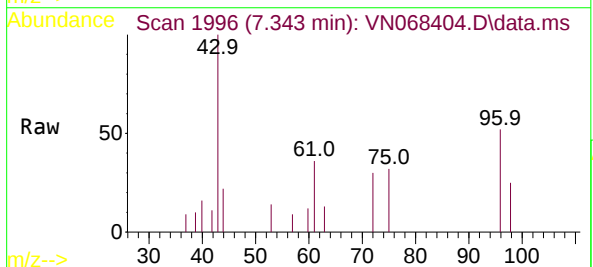
Instrument :
MSVOA_N
ClientSampled :

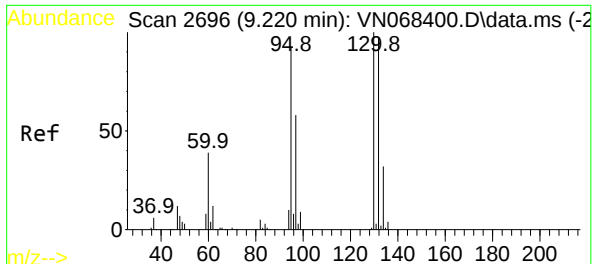
Tgt Ion:114 Resp: 598009
Ion Ratio Lower Upper
114 100
63 16.1 20.3 30.5#
88 13.7 14.6 22.0#



#30
2-Butanone
Concen: 1.022 ug/l
RT: 7.343 min Scan# 1996
Delta R.T. 0.006 min
Lab File: VN068404.D
Acq: 3 Sep 2021 12:55

Tgt Ion: 43 Resp: 3137
Ion Ratio Lower Upper
43 100
57 2.6 6.9 10.3#
72 15.5 20.0 30.0#





#37

Trichloroethene

Concen: 0.528 ug/l

RT: 9.223 min Scan# 2697

Delta R.T. 0.003 min

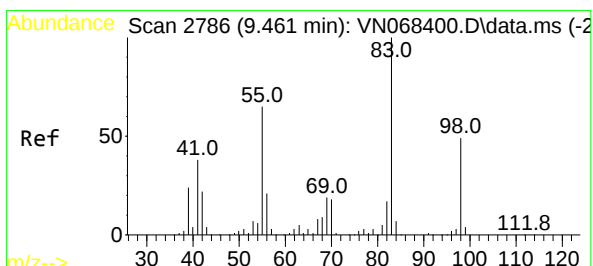
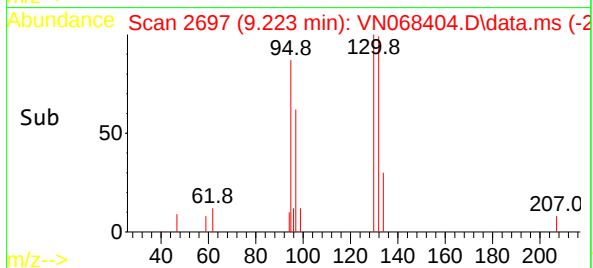
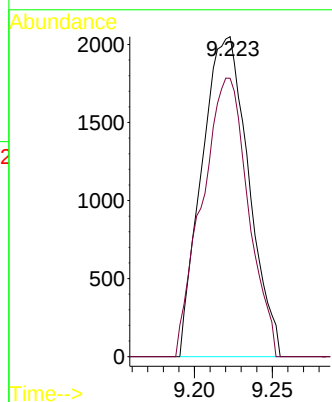
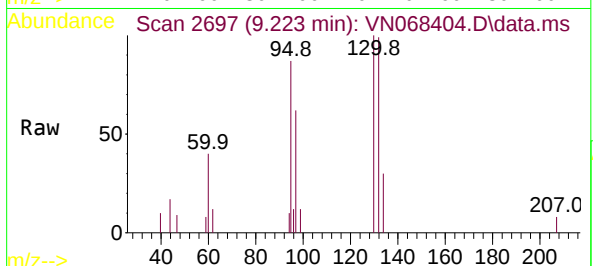
Lab File: VN068404.D

Acq: 3 Sep 2021 12:55

Tgt Ion:130 Resp: 4282

Ion Ratio Lower Upper

130	100		
95	87.0	92.2	138.2#



#38

Methylcyclohexane

Concen: 0.200 ug/l

RT: 9.459 min Scan# 2785

Delta R.T. -0.003 min

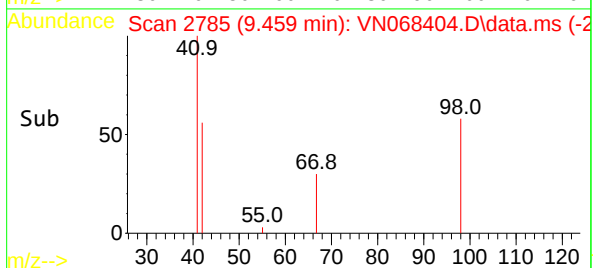
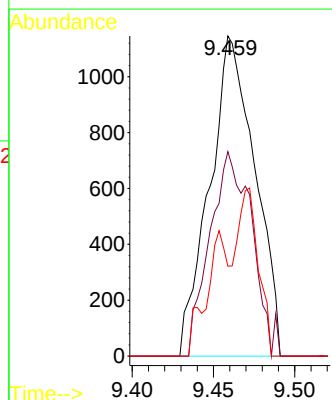
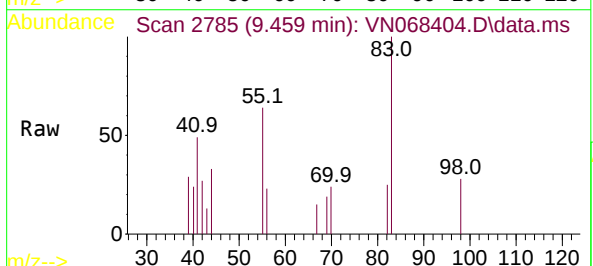
Lab File: VN068404.D

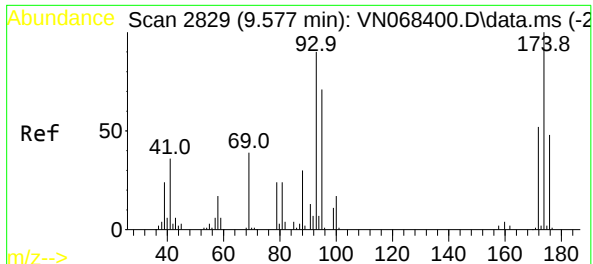
Acq: 3 Sep 2021 12:55

Tgt Ion: 83 Resp: 2229

Ion Ratio Lower Upper

83	100		
55	41.7	41.5	124.6
98	14.4	22.4	67.0#

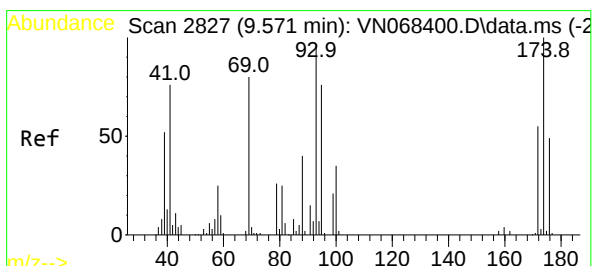
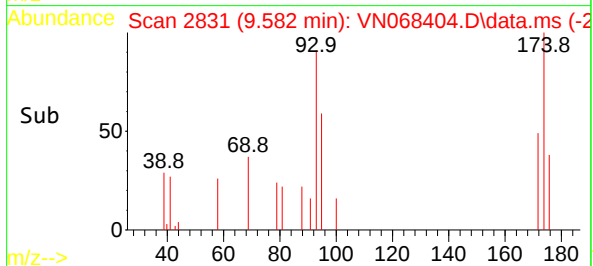
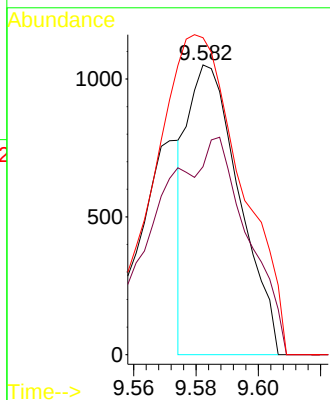
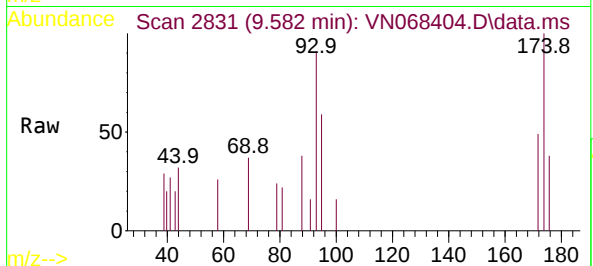




#40
Dibromomethane
Concen: 0.256 ug/l
RT: 9.582 min Scan# 2831
Delta R.T. 0.006 min
Lab File: VN068404.D
Acq: 3 Sep 2021 12:55

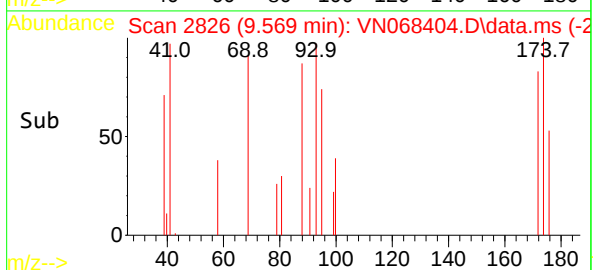
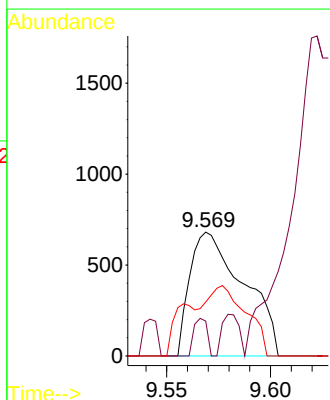
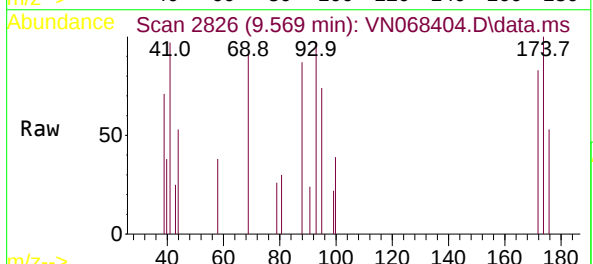
Instrument :
MSVOA_N
ClientSampled :

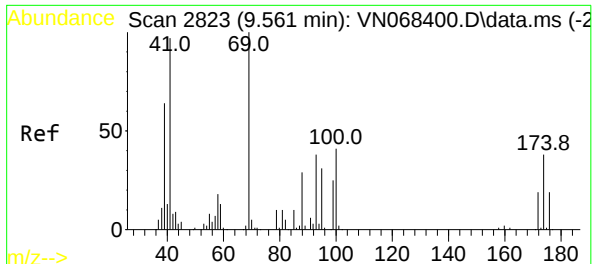
Tgt Ion: 93 Resp: 1217
Ion Ratio Lower Upper
93 100
95 61.2 0.0 167.6
174 181.9 0.0 148.4#



#45
1,4-Dioxane
Concen: 12.409 ug/l
RT: 9.569 min Scan# 2826
Delta R.T. -0.003 min
Lab File: VN068404.D
Acq: 3 Sep 2021 12:55

Tgt Ion: 88 Resp: 1230
Ion Ratio Lower Upper
88 100
43 7.5 18.0 27.0#
58 16.6 57.7 86.5#

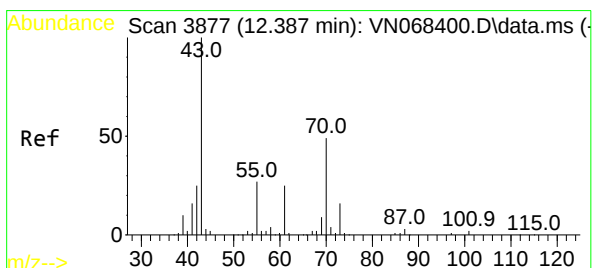
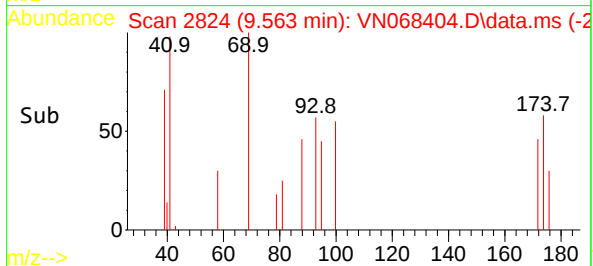
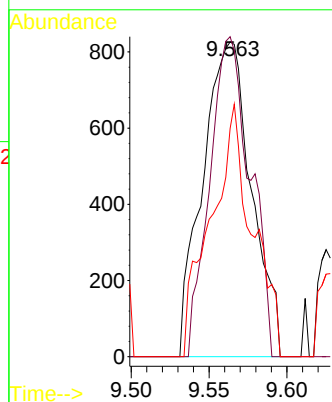
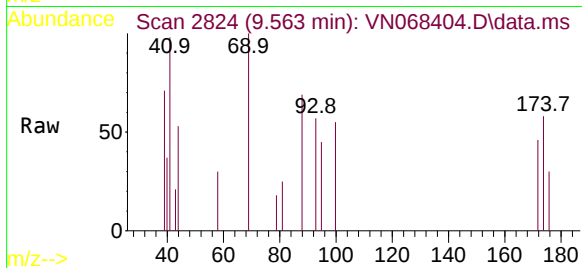




#46
Methyl methacrylate
Concen: 0.385 ug/l
RT: 9.563 min Scan# 2824
Delta R.T. 0.003 min
Lab File: VN068404.D
Acq: 3 Sep 2021 12:55

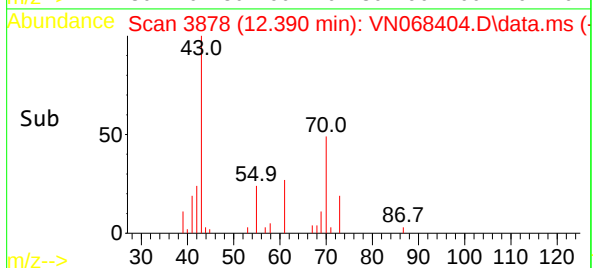
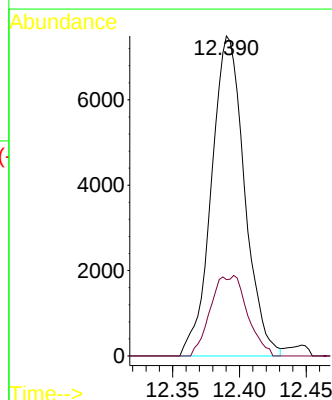
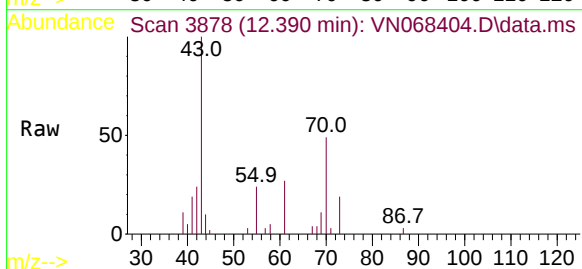
Instrument :
MSVOA_N
ClientSampled :

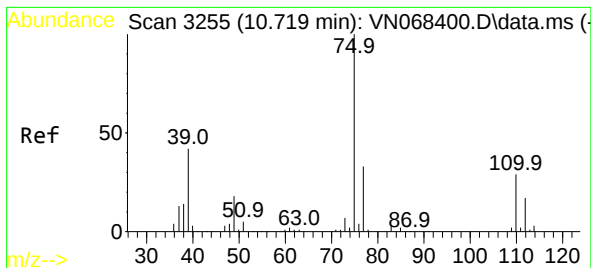
Tgt Ion: 41 Resp: 1803
Ion Ratio Lower Upper
41 100
69 101.7 38.0 114.1
39 72.5 33.9 101.7



#47
n-amy1 Acetate
Concen: 1.702 ug/l
RT: 12.390 min Scan# 3878
Delta R.T. 0.003 min
Lab File: VN068404.D
Acq: 3 Sep 2021 12:55

Tgt Ion: 43 Resp: 12910
Ion Ratio Lower Upper
43 100
55 13.4 17.6 26.4#

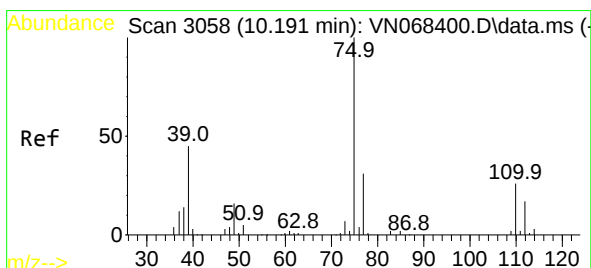
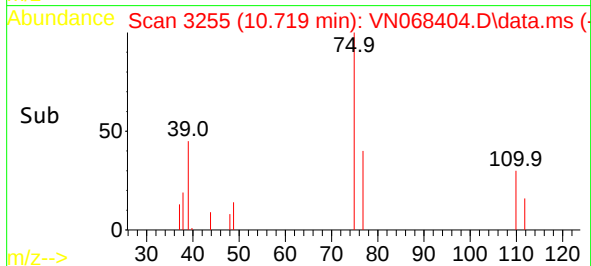
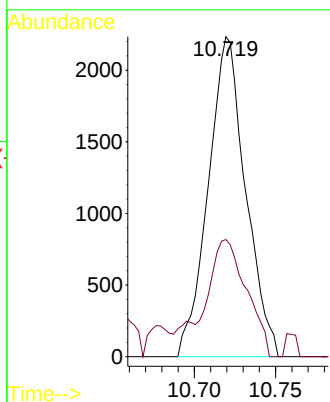
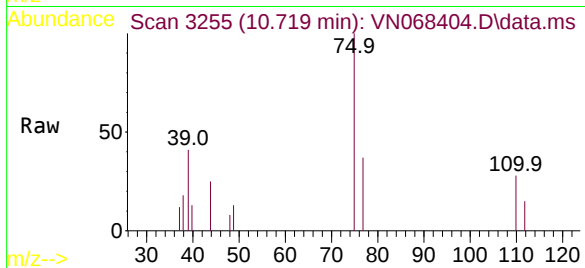




#48
t-1,3-Dichloropropene
Concen: 0.394 ug/l
RT: 10.719 min Scan# 3255
Delta R.T. 0.000 min
Lab File: VN068404.D
Acq: 3 Sep 2021 12:55

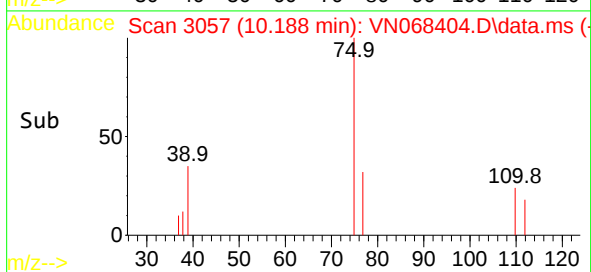
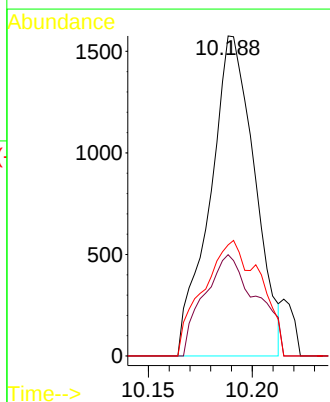
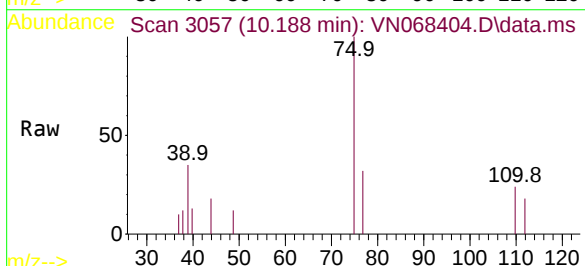
Instrument :
MSVOA_N
ClientSampled :

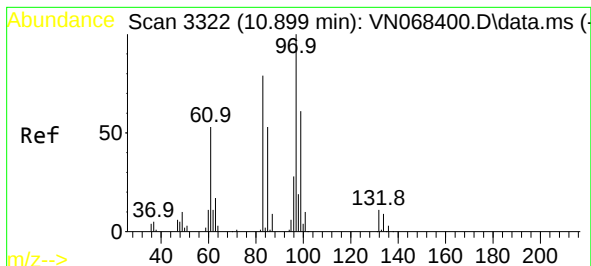
Tgt Ion: 75 Resp: 3565
Ion Ratio Lower Upper
75 100
77 36.6 24.6 37.0



#49
cis-1,3-Dichloropropene
Concen: 0.237 ug/l
RT: 10.188 min Scan# 3057
Delta R.T. -0.003 min
Lab File: VN068404.D
Acq: 3 Sep 2021 12:55

Tgt Ion: 75 Resp: 2363
Ion Ratio Lower Upper
75 100
77 31.7 26.0 39.0
39 34.7 50.6 76.0#



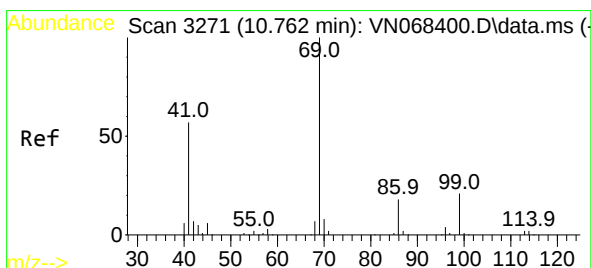
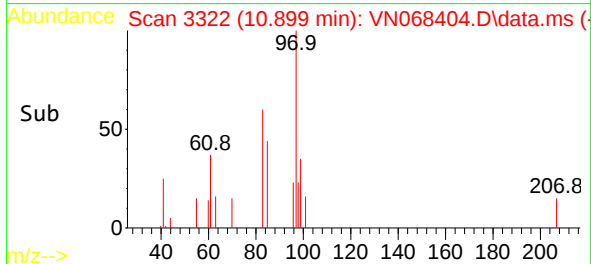
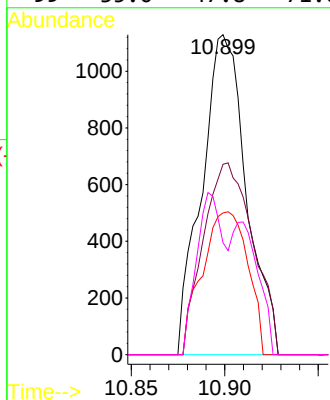
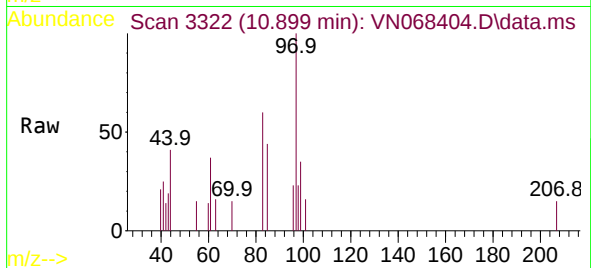


#50
1,1,2-Trichloroethane
Concen: 0.280 ug/l
RT: 10.899 min Scan# 3322
Delta R.T. 0.000 min
Lab File: VN068404.D
Acq: 3 Sep 2021 12:55

Instrument :
MSVOA_N
ClientSampled :

Tgt Ion: 97 Resp: 1879

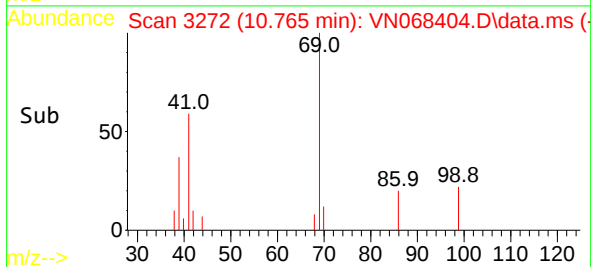
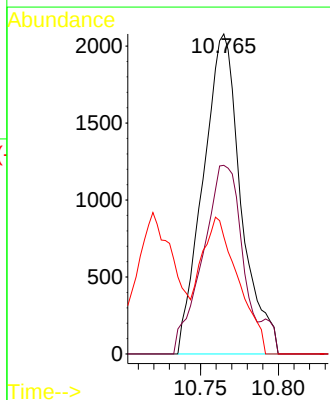
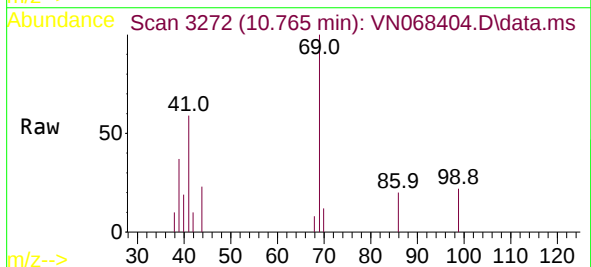
Ion	Ratio	Lower	Upper
97	100		
83	59.5	69.6	104.4#
85	44.3	45.2	67.8#
99	35.0	47.8	71.6#

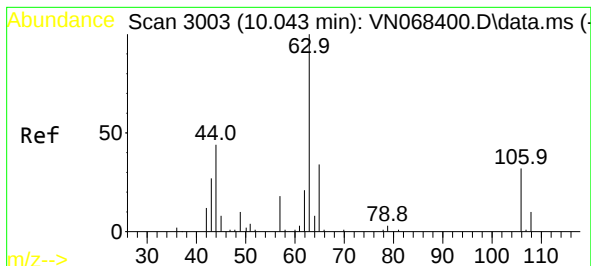


#51
Ethyl methacrylate
Concen: 0.407 ug/l
RT: 10.765 min Scan# 3272
Delta R.T. 0.003 min
Lab File: VN068404.D
Acq: 3 Sep 2021 12:55

Tgt Ion: 69 Resp: 3515

Ion	Ratio	Lower	Upper
69	100		
41	59.0	36.8	110.4
39	36.7	23.8	71.2

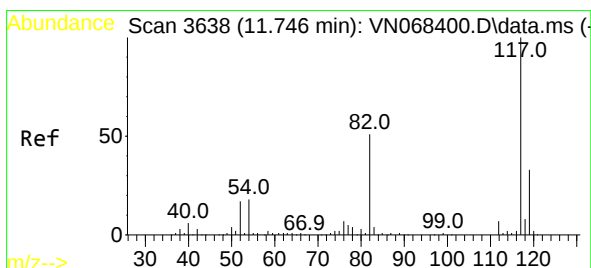
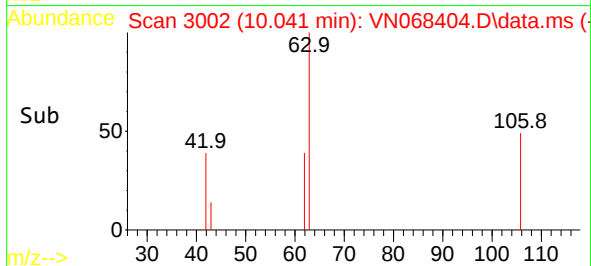
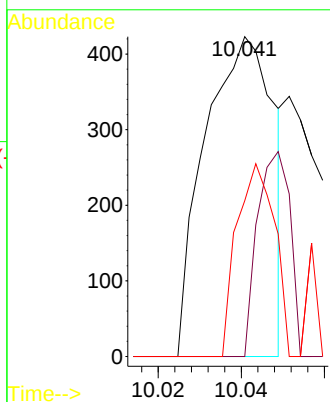
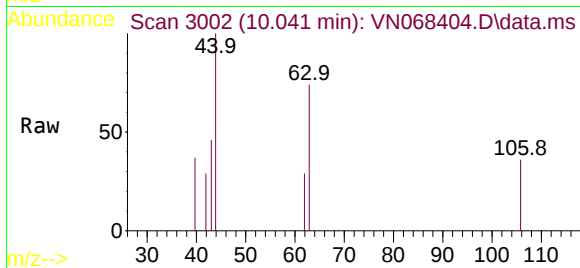




#55
2-Chloroethyl vinyl ether
Concen: 46.672 ug/l
RT: 10.041 min Scan# 3002
Delta R.T. -0.002 min
Lab File: VN068404.D
Acq: 3 Sep 2021 12:55

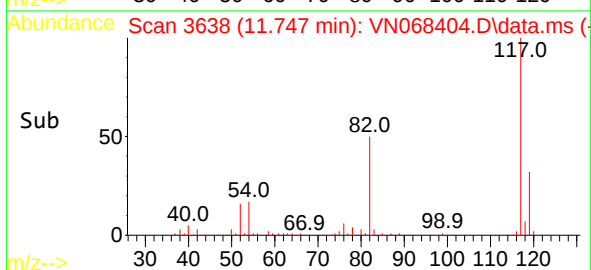
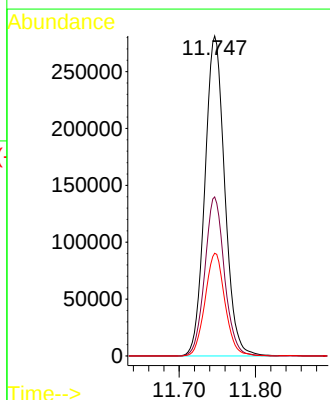
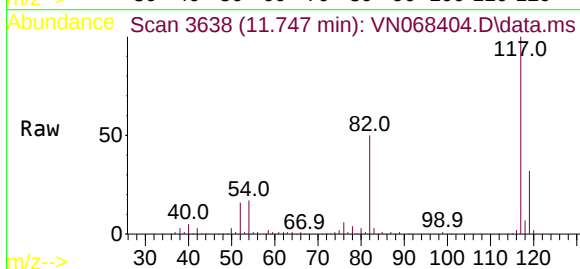
Instrument :
MSVOA_N
ClientSampleId :

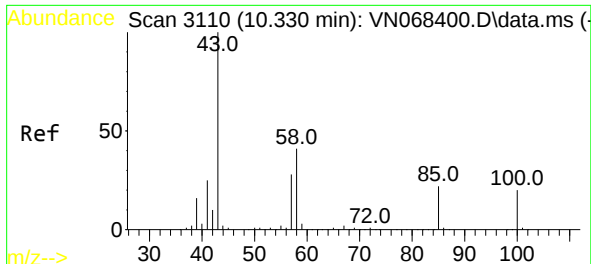
Tgt Ion: 63 Resp: 486
Ion Ratio Lower Upper
63 100
65 30.2 25.6 38.4
106 33.1 20.0 30.0#



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VN068404.D
Acq: 3 Sep 2021 12:55

Tgt Ion: 117 Resp: 509382
Ion Ratio Lower Upper
117 100
82 49.2 52.5 78.7#
119 32.2 25.8 38.8

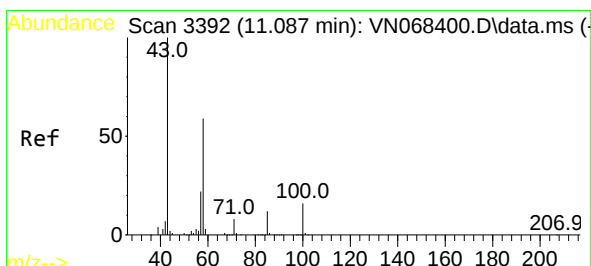
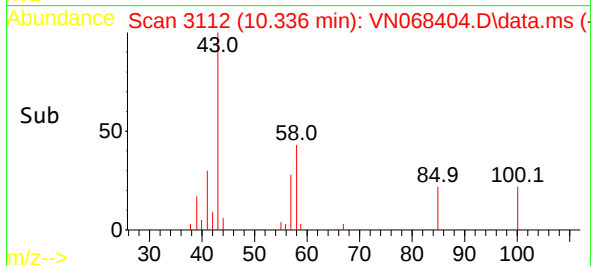
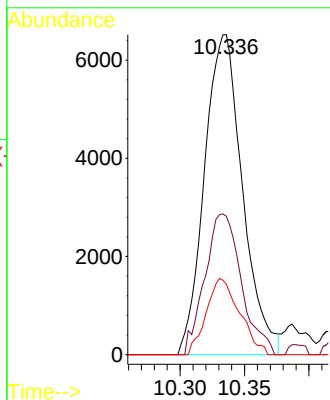
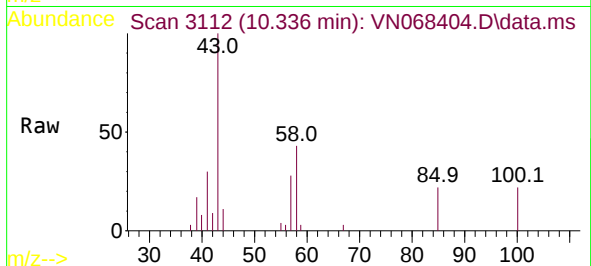




#58
4-Methyl-2-Pentanone
Concen: 2.257 ug/l
RT: 10.336 min Scan# 3112
Delta R.T. 0.006 min
Lab File: VN068404.D
Acq: 3 Sep 2021 12:55

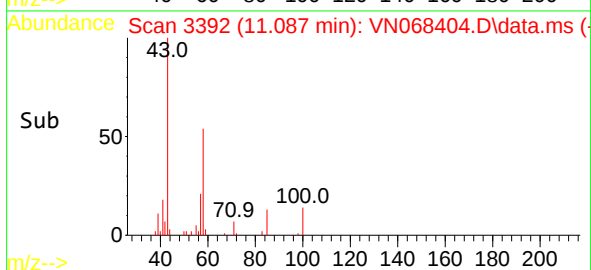
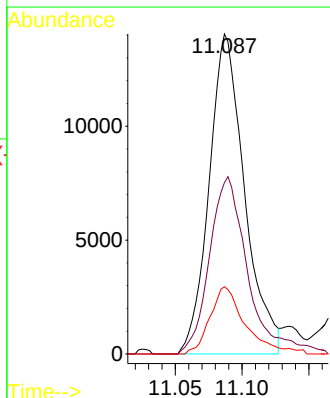
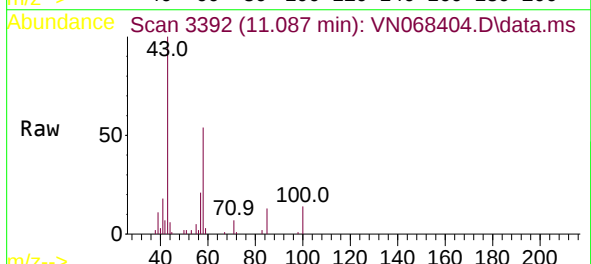
Instrument :
MSVOA_N
ClientSampled :

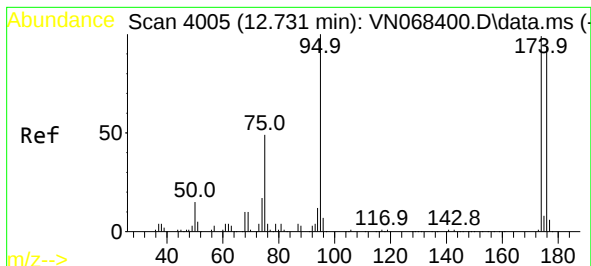
Tgt Ion: 43 Resp: 13377
Ion Ratio Lower Upper
43 100
58 42.3 29.0 43.4
85 20.4 13.2 19.8#



#59
2-Hexanone
Concen: 6.304 ug/l
RT: 11.087 min Scan# 3392
Delta R.T. 0.000 min
Lab File: VN068404.D
Acq: 3 Sep 2021 12:55

Tgt Ion: 43 Resp: 25931
Ion Ratio Lower Upper
43 100
58 58.7 39.4 59.0
57 20.4 14.4 21.6

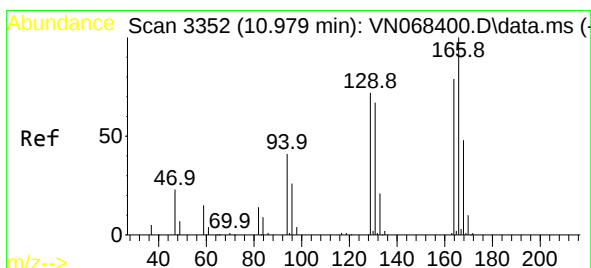
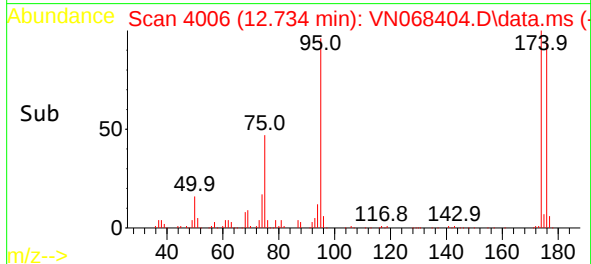
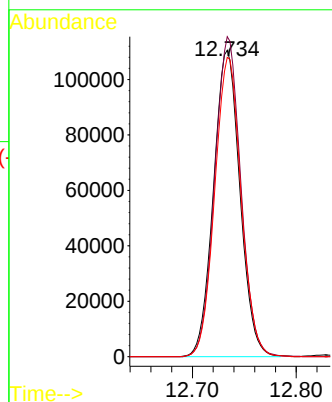
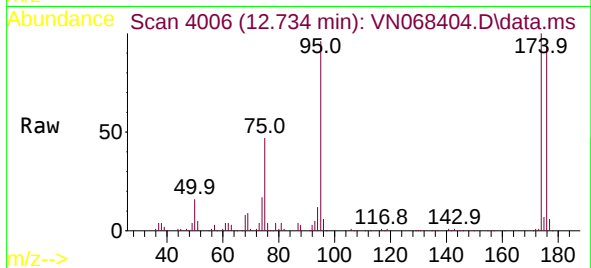




#60
4-Bromofluorobenzene
Concen: 27.123 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.003 min
Lab File: VN068404.D
Acq: 3 Sep 2021 12:55

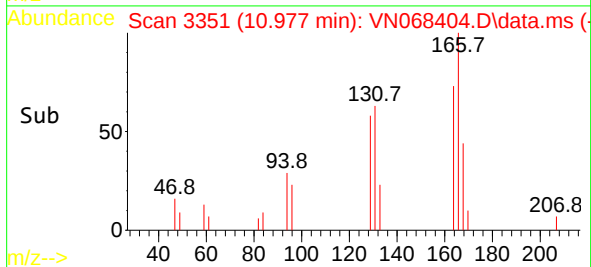
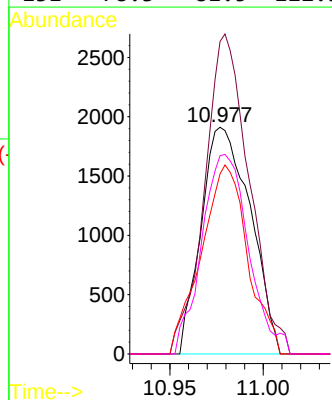
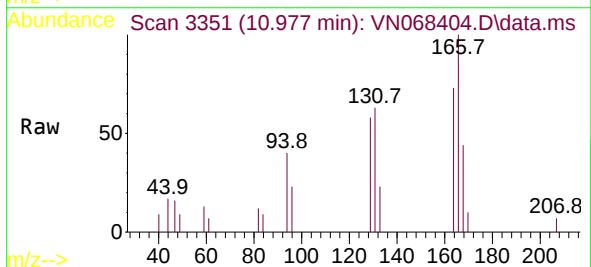
Instrument :
MSVOA_N
ClientSampled :

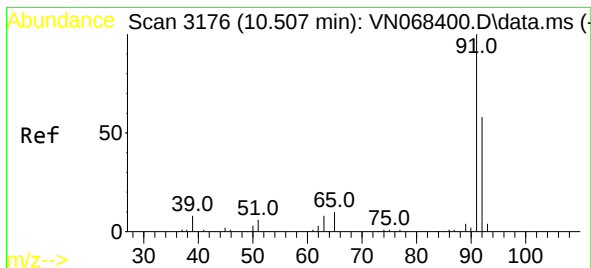
Tgt Ion: 95 Resp: 195651
Ion Ratio Lower Upper
95 100
174 103.3 47.7 71.5#
176 97.3 45.7 68.5#



#61
Tetrachloroethene
Concen: 0.444 ug/l
RT: 10.977 min Scan# 3351
Delta R.T. -0.002 min
Lab File: VN068404.D
Acq: 3 Sep 2021 12:55

Tgt Ion:164 Resp: 3495
Ion Ratio Lower Upper
164 100
166 126.4 101.0 151.4
129 79.4 85.5 128.3#
131 78.3 81.5 122.3#





#62

Toluene

Concen: 0.305 ug/l

RT: 10.505 min Scan# 3175

Delta R.T. -0.003 min

Lab File: VN068404.D

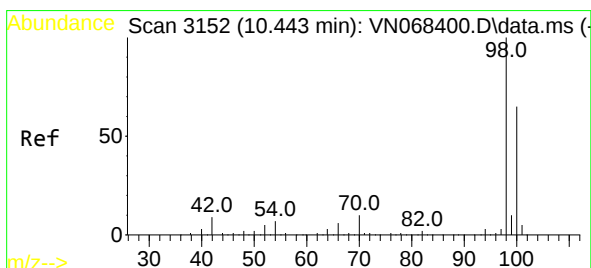
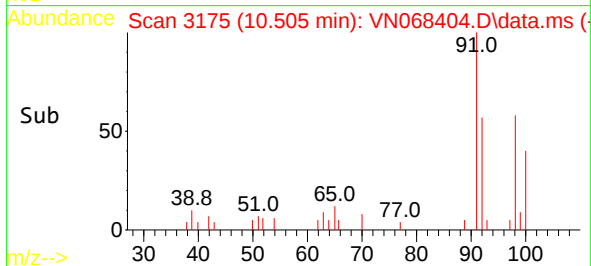
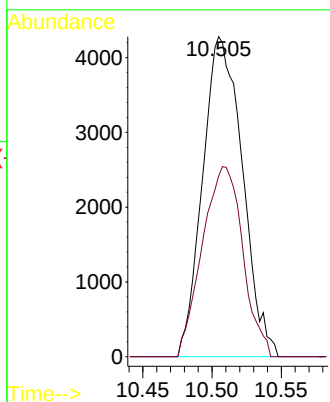
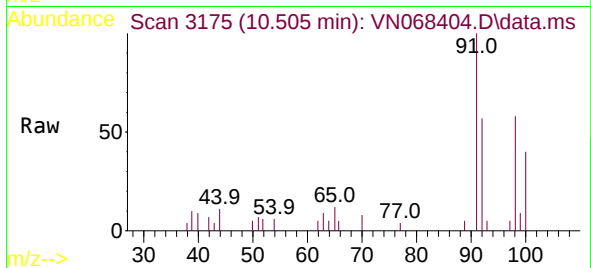
Acq: 3 Sep 2021 12:55

Tgt Ion: 91 Resp: 8531

Ion Ratio Lower Upper

91 100

92 60.5 46.1 69.1



#63

Toluene-d8

Concen: 30.221 ug/l

RT: 10.443 min Scan# 3152

Delta R.T. 0.000 min

Lab File: VN068404.D

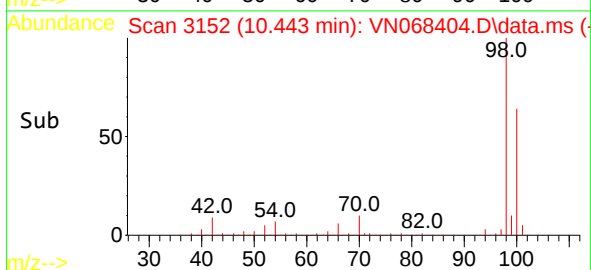
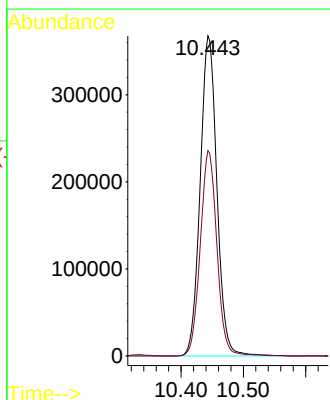
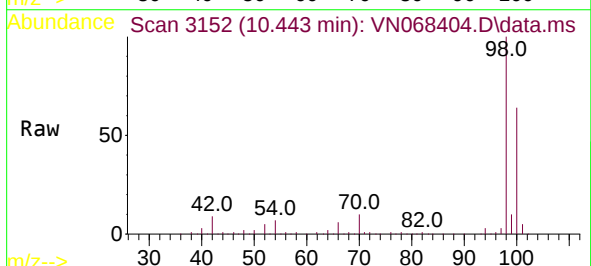
Acq: 3 Sep 2021 12:55

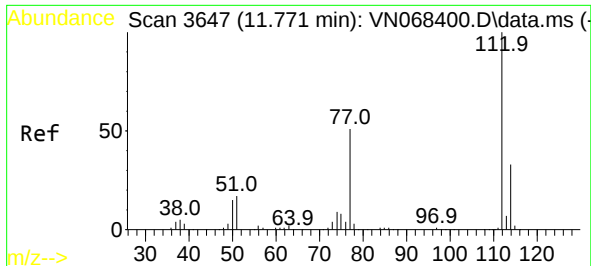
Tgt Ion: 98 Resp: 685542

Ion Ratio Lower Upper

98 100

100 63.8 51.2 76.8

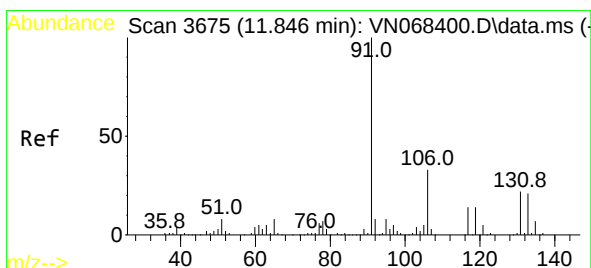
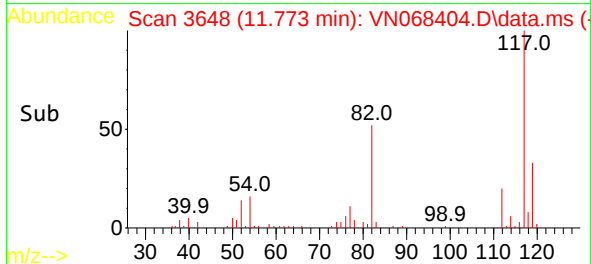
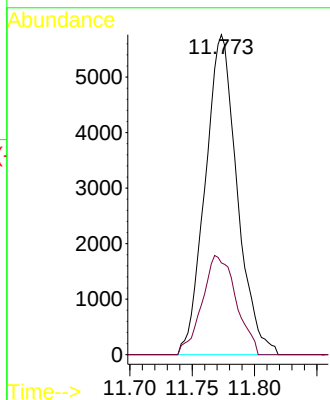
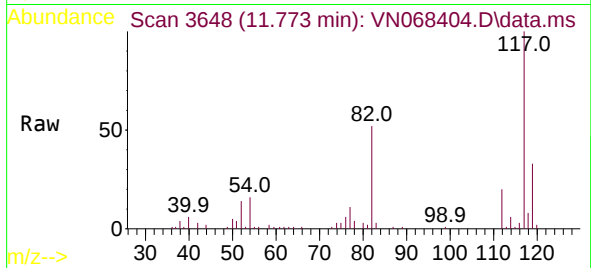




#64
Chlorobenzene
Concen: 0.570 ug/l
RT: 11.773 min Scan# 3648
Delta R.T. 0.003 min
Lab File: VN068404.D
Acq: 3 Sep 2021 12:55

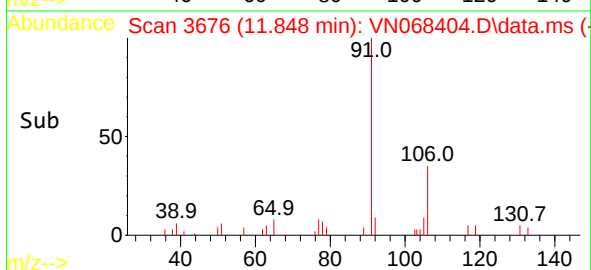
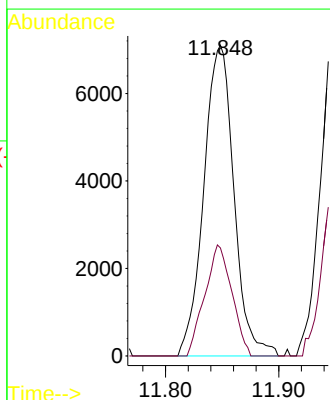
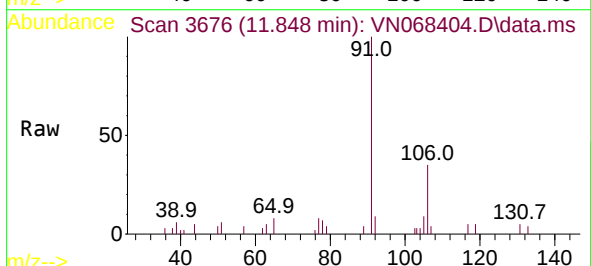
Instrument :
MSVOA_N
ClientSampled :

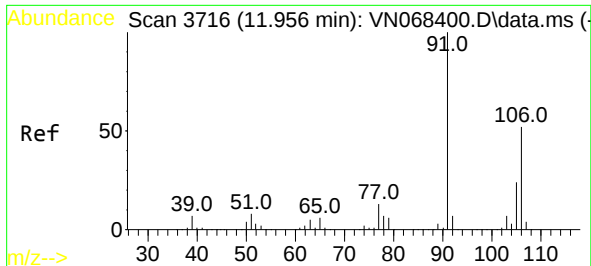
Tgt Ion:112 Resp: 10274
Ion Ratio Lower Upper
112 100
114 28.7 25.4 38.0



#66
Ethyl Benzene
Concen: 0.437 ug/l
RT: 11.848 min Scan# 3676
Delta R.T. 0.003 min
Lab File: VN068404.D
Acq: 3 Sep 2021 12:55

Tgt Ion: 91 Resp: 13140
Ion Ratio Lower Upper
91 100
106 34.8 23.4 35.0

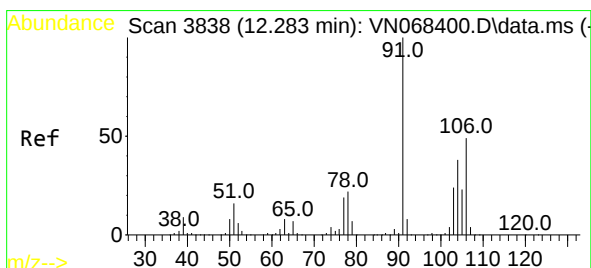
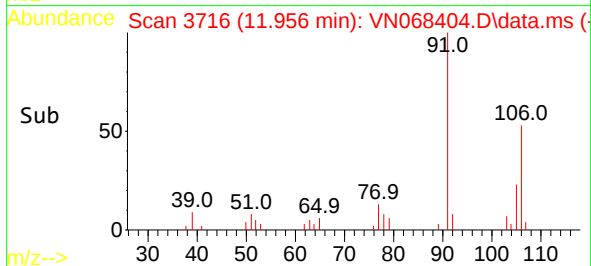
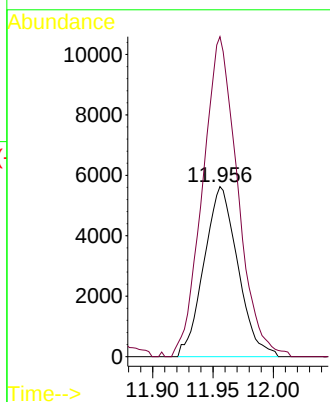
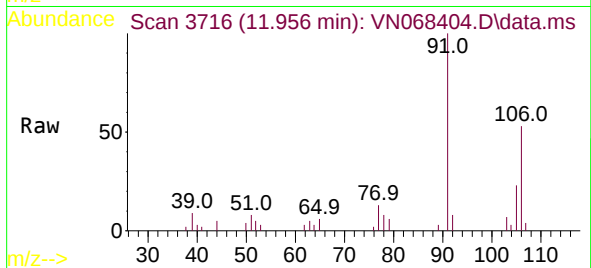




#67
m/p-Xylenes
Concen: 0.890 ug/l
RT: 11.956 min Scan# 3716
Delta R.T. 0.000 min
Lab File: VN068404.D
Acq: 3 Sep 2021 12:55

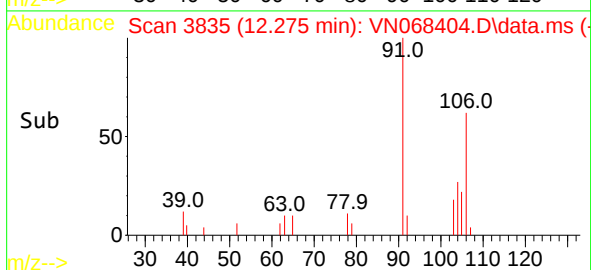
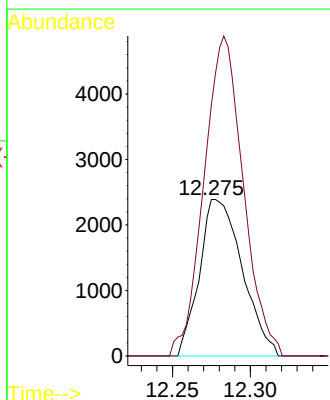
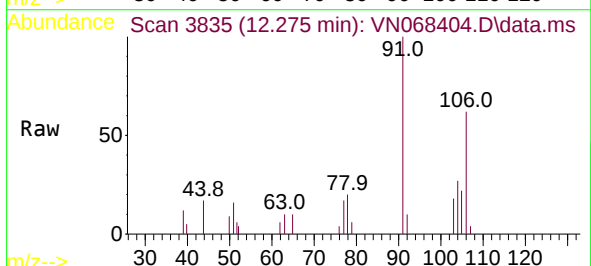
Instrument :
MSVOA_N
ClientSampled :

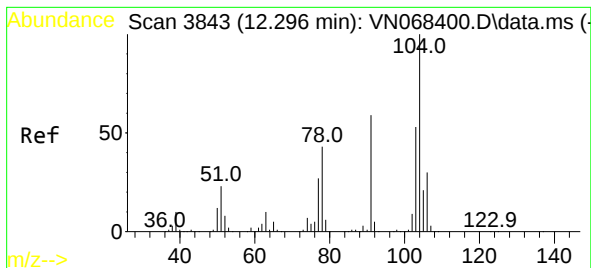
Tgt Ion:106 Resp: 10985
Ion Ratio Lower Upper
106 100
91 194.4 181.3 271.9



#68
o-Xylene
Concen: 0.383 ug/l
RT: 12.275 min Scan# 3835
Delta R.T. -0.008 min
Lab File: VN068404.D
Acq: 3 Sep 2021 12:55

Tgt Ion:106 Resp: 4573
Ion Ratio Lower Upper
106 100
91 187.2 120.0 360.0





#69

Styrene

Concen: 0.609 ug/l

RT: 12.296 min Scan# 3843

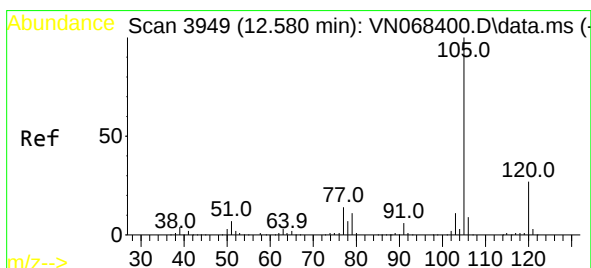
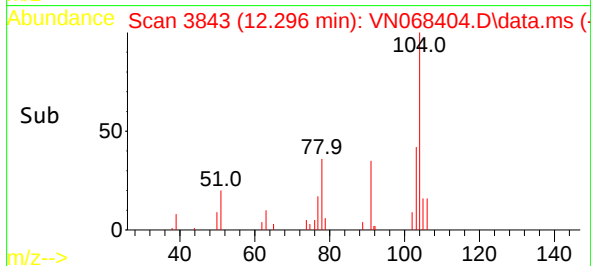
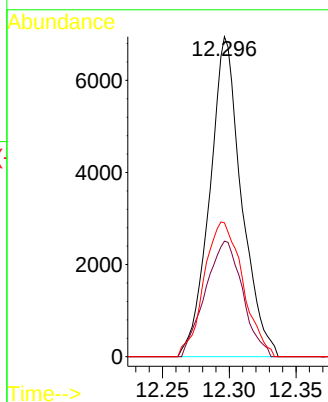
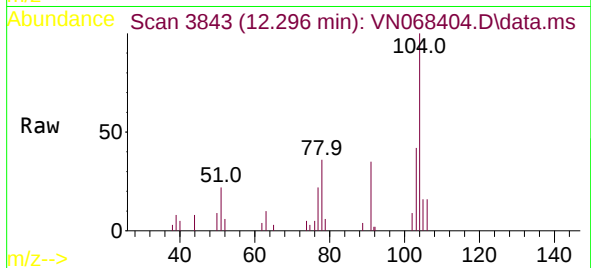
Delta R.T. 0.000 min

Lab File: VN068404.D

Acq: 3 Sep 2021 12:55

Tgt Ion:	104	Resp:	11493
Ion	Ratio	Lower	Upper
104	100		
78	42.2	48.2	72.2#
103	51.1	44.5	66.7

Instrument :
MSVOA_N
ClientSampled :



#70

Isopropylbenzene

Concen: 0.398 ug/l

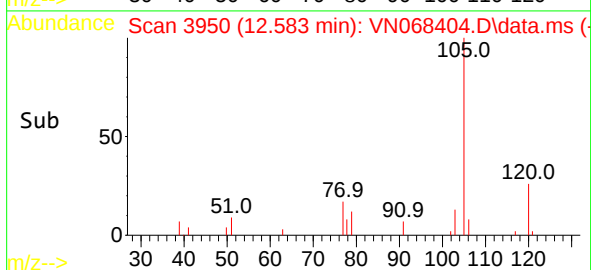
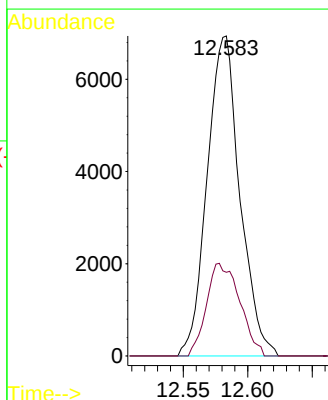
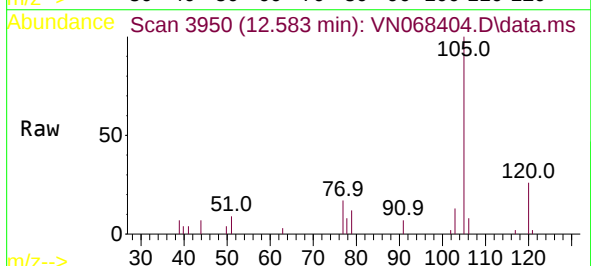
RT: 12.583 min Scan# 3950

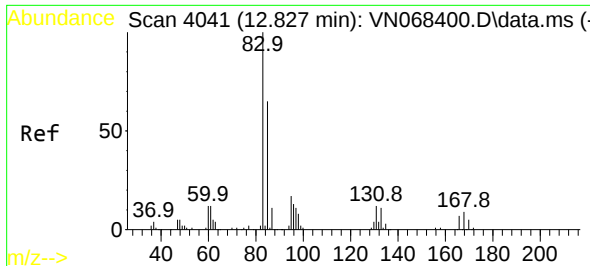
Delta R.T. 0.003 min

Lab File: VN068404.D

Acq: 3 Sep 2021 12:55

Tgt Ion:	105	Resp:	12259
Ion	Ratio	Lower	Upper
105	100		
120	17.6	17.6	32.6

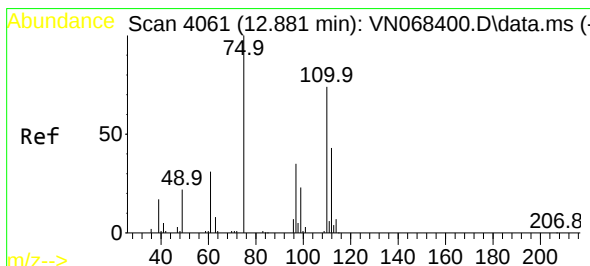
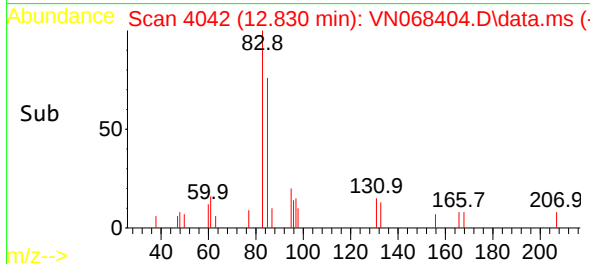
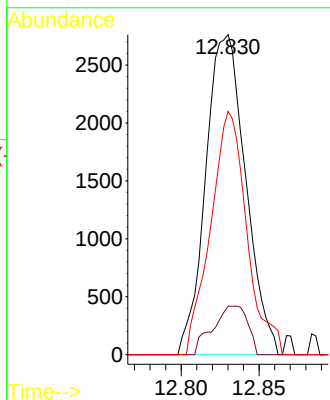
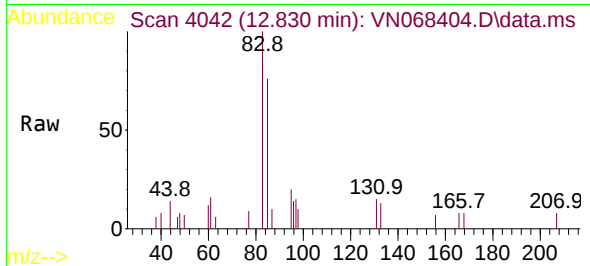




#71
1,1,2,2-Tetrachloroethane
Concen: 0.625 ug/l
RT: 12.830 min Scan# 4042
Delta R.T. 0.003 min
Lab File: VN068404.D
Acq: 3 Sep 2021 12:55

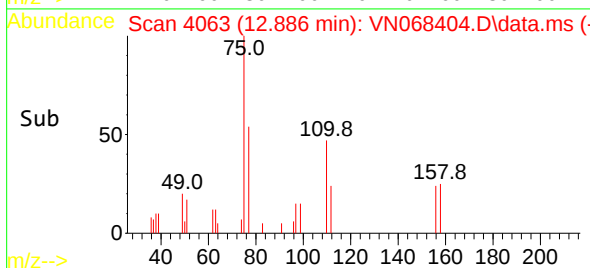
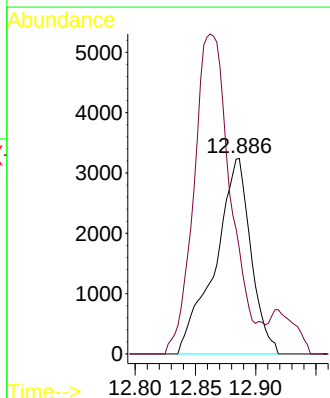
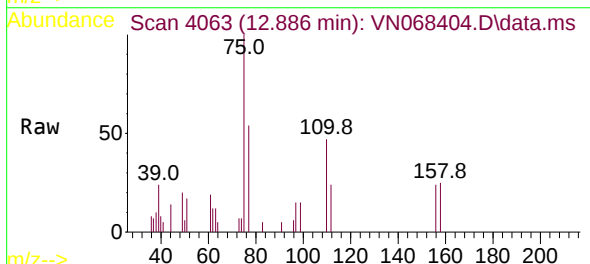
Instrument :
MSVOA_N
ClientSampled :

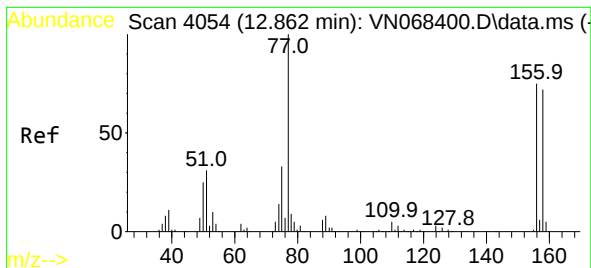
Tgt Ion: 83 Resp: 4918
Ion Ratio Lower Upper
83 100
131 10.9 4.7 14.0
85 69.0 32.2 96.6



#72
1,2,3-Trichloropropane
Concen: 1.036 ug/l
RT: 12.886 min Scan# 4063
Delta R.T. 0.006 min
Lab File: VN068404.D
Acq: 3 Sep 2021 12:55

Tgt Ion: 75 Resp: 6683
Ion Ratio Lower Upper
75 100
77 166.2 0.0 374.2

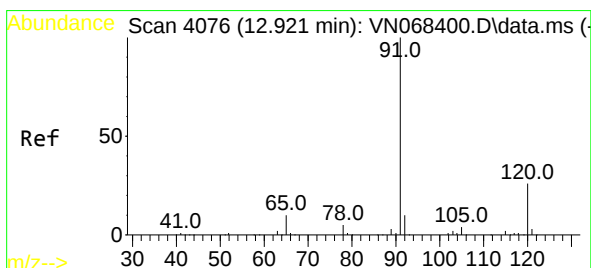
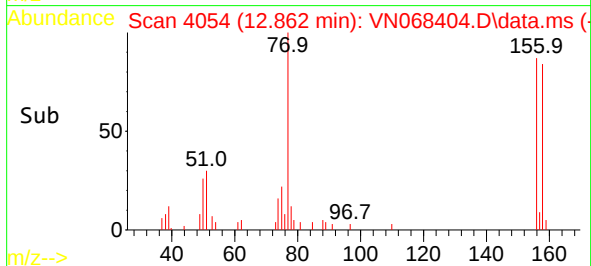
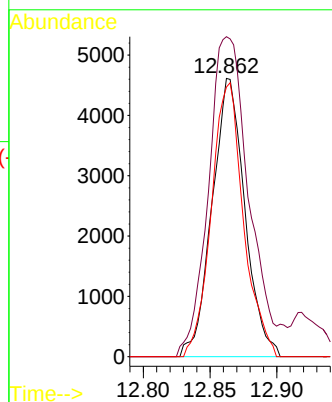
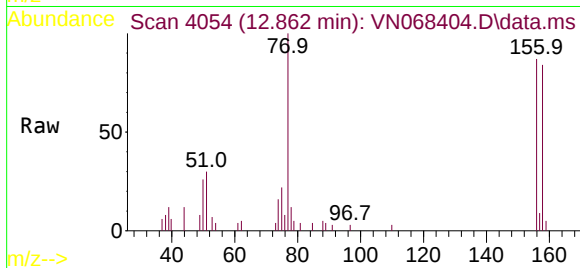




#73
Bromobenzene
Concen: 0.924 ug/l
RT: 12.862 min Scan# 4054
Delta R.T. 0.000 min
Lab File: VN068404.D
Acq: 3 Sep 2021 12:55

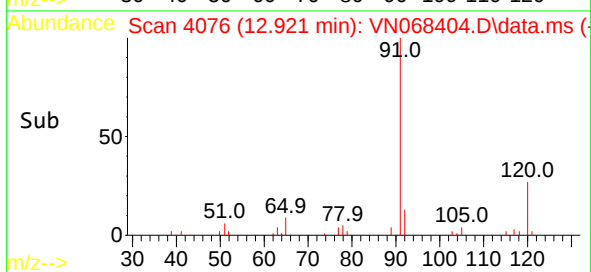
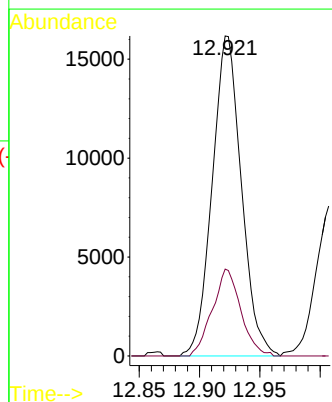
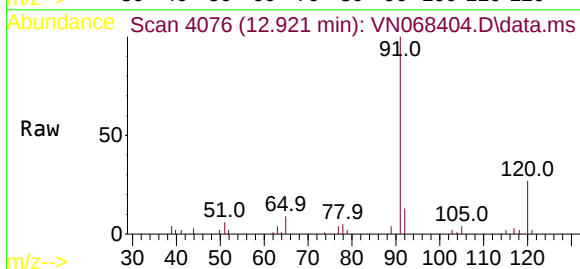
Instrument :
MSVOA_N
ClientSampled :

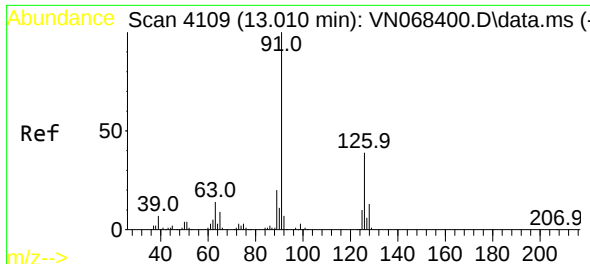
Tgt Ion:156 Resp: 7872
Ion Ratio Lower Upper
156 100
77 141.1 0.0 548.0
158 96.5 0.0 194.0



#74
n-propylbenzene
Concen: 0.817 ug/l
RT: 12.921 min Scan# 4076
Delta R.T. 0.000 min
Lab File: VN068404.D
Acq: 3 Sep 2021 12:55

Tgt Ion: 91 Resp: 27156
Ion Ratio Lower Upper
91 100
120 26.3 0.0 41.0

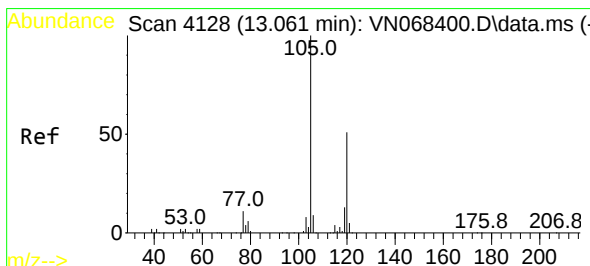
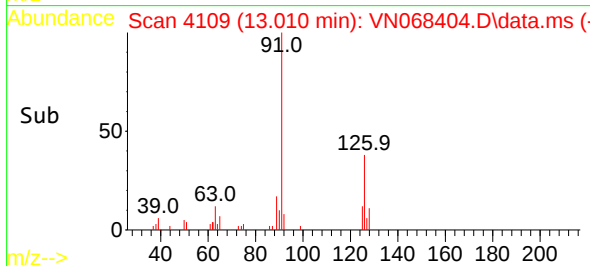
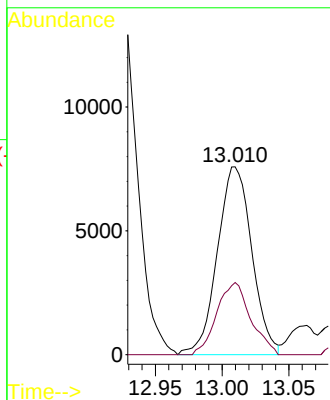
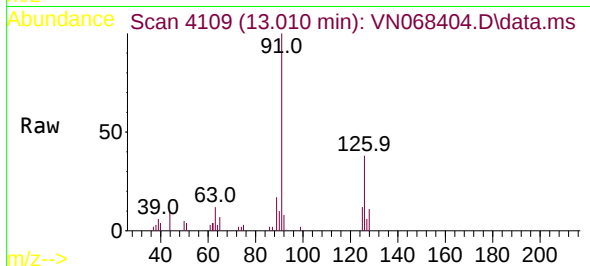




#75
2-Chlorotoluene
Concen: 0.693 ug/l
RT: 13.010 min Scan# 4109
Delta R.T. 0.000 min
Lab File: VN068404.D
Acq: 3 Sep 2021 12:55

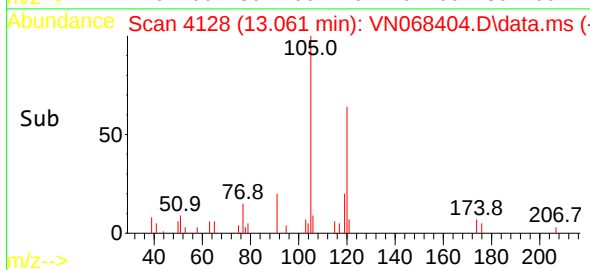
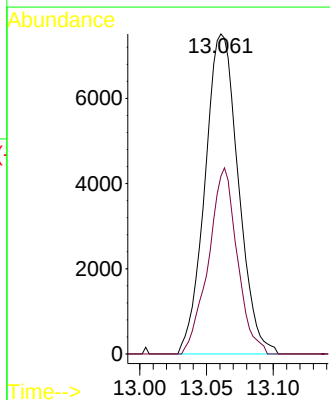
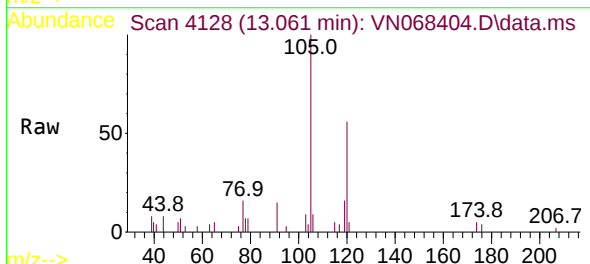
Instrument :
MSVOA_N
ClientSampled :

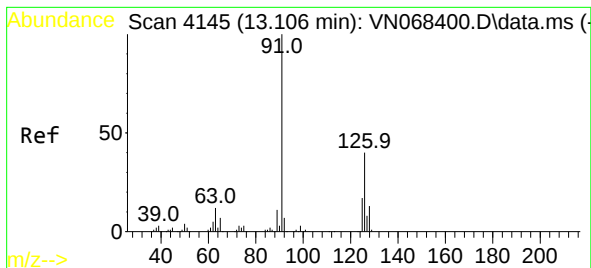
Tgt Ion: 91 Resp: 13669
Ion Ratio Lower Upper
91 100
126 37.6 0.0 0.0#



#76
1,3,5-Trimethylbenzene
Concen: 0.513 ug/l
RT: 13.061 min Scan# 4128
Delta R.T. 0.000 min
Lab File: VN068404.D
Acq: 3 Sep 2021 12:55

Tgt Ion: 105 Resp: 13072
Ion Ratio Lower Upper
105 100
120 50.1 0.0 90.2

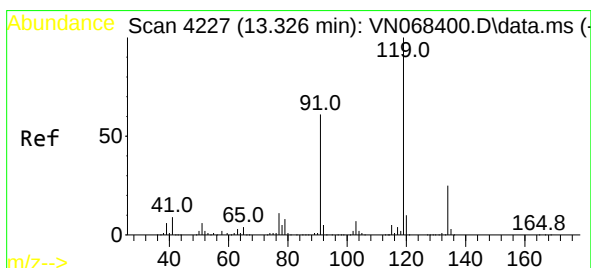
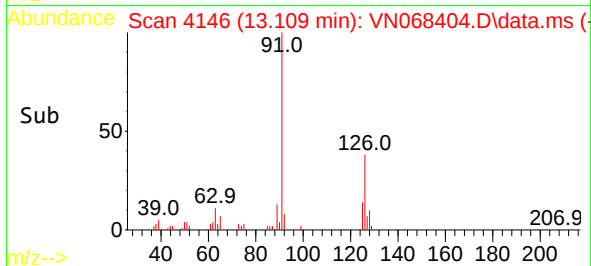
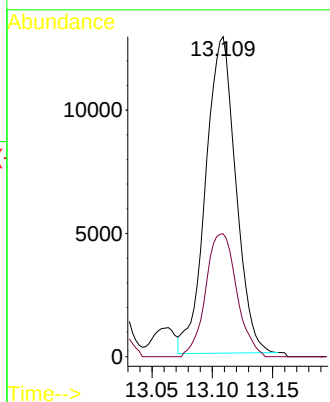
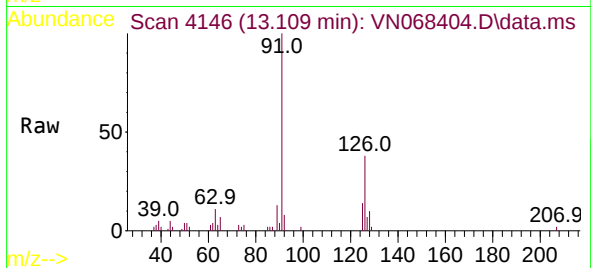




#78
4-Chlorotoluene
Concen: 1.153 ug/l
RT: 13.109 min Scan# 4146
Delta R.T. 0.003 min
Lab File: VN068404.D
Acq: 3 Sep 2021 12:55

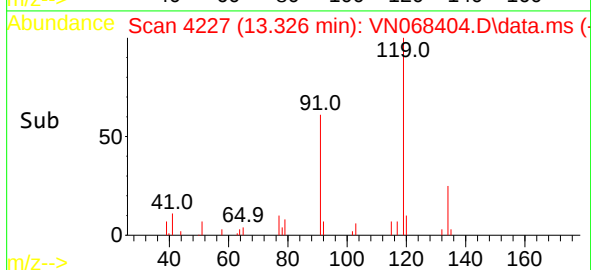
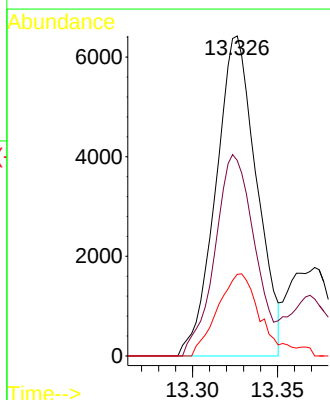
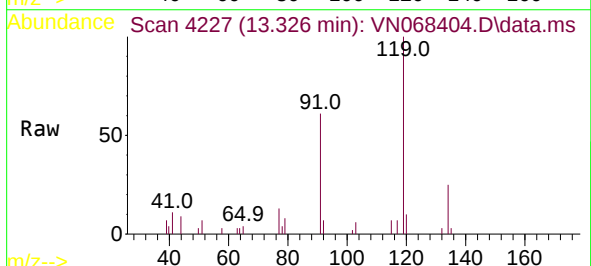
Instrument :
MSVOA_N
ClientSampled :

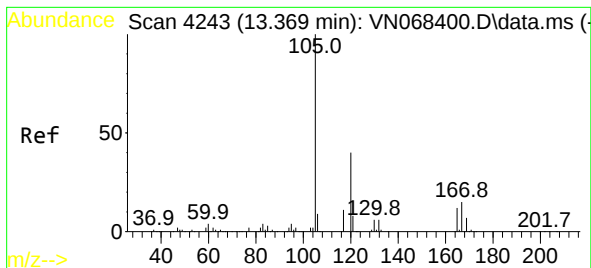
Tgt Ion: 91 Resp: 22309
Ion Ratio Lower Upper
91 100
126 39.9 0.0 57.6



#79
tert-butylbenzene
Concen: 0.461 ug/l
RT: 13.326 min Scan# 4227
Delta R.T. 0.000 min
Lab File: VN068404.D
Acq: 3 Sep 2021 12:55

Tgt Ion: 119 Resp: 10737
Ion Ratio Lower Upper
119 100
91 60.9 0.0 158.4
134 25.6 0.0 43.6

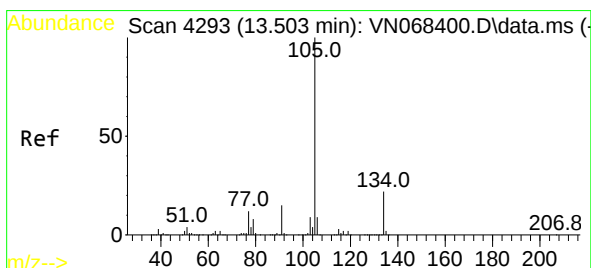
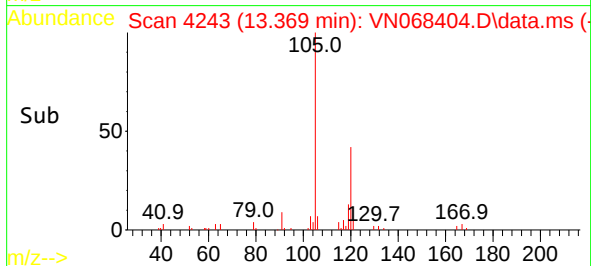
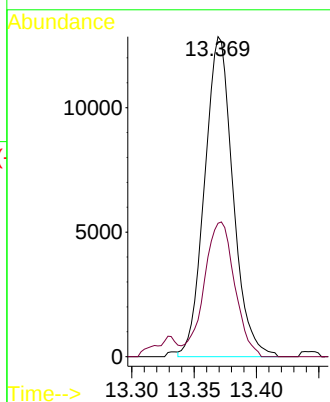
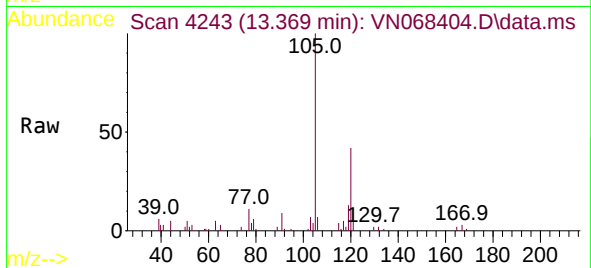




#80
1,2,4-Trimethylbenzene
Concen: 0.822 ug/l
RT: 13.369 min Scan# 4243
Delta R.T. 0.000 min
Lab File: VN068404.D
Acq: 3 Sep 2021 12:55

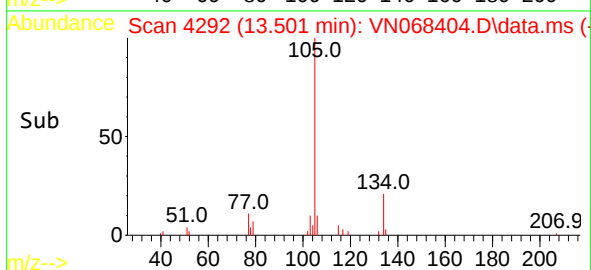
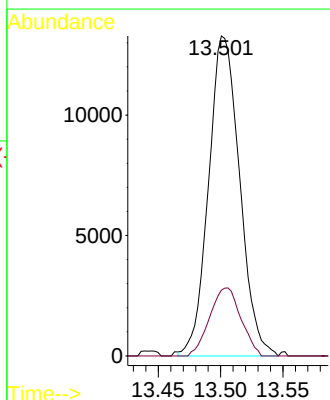
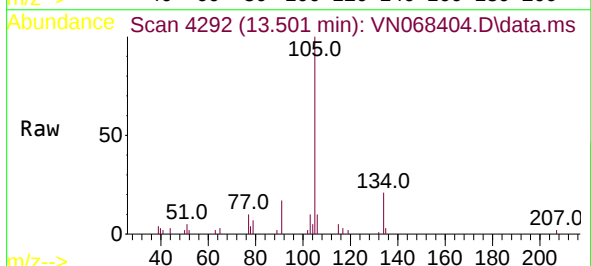
Instrument :
MSVOA_N
ClientSampled :

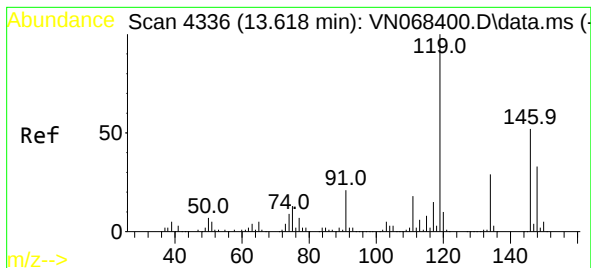
Tgt Ion:105 Resp: 20335
Ion Ratio Lower Upper
105 100
120 45.3 0.0 0.4#



#81
sec-Butylbenzene
Concen: 0.737 ug/l
RT: 13.501 min Scan# 4292
Delta R.T. -0.003 min
Lab File: VN068404.D
Acq: 3 Sep 2021 12:55

Tgt Ion:105 Resp: 23046
Ion Ratio Lower Upper
105 100
134 21.3 0.0 35.4

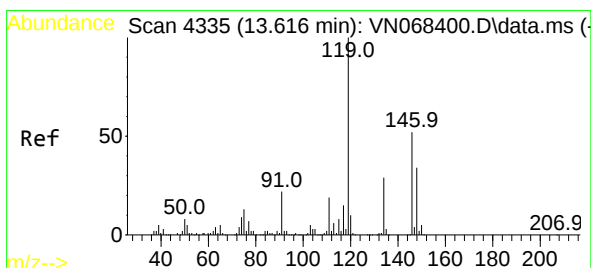
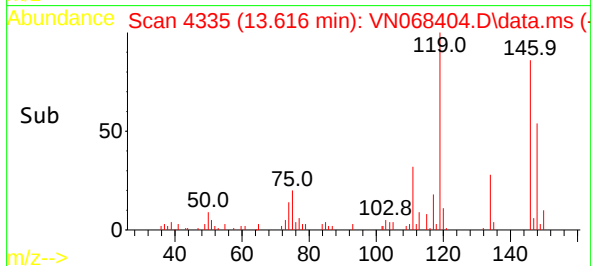
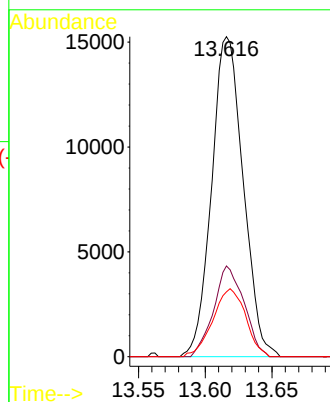
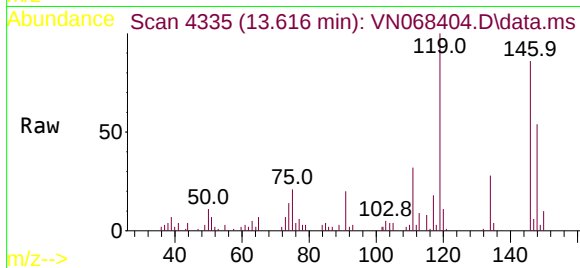




#82
p-Isopropyltoluene
Concen: 0.932 ug/l
RT: 13.616 min Scan# 4335
Delta R.T. -0.003 min
Lab File: VN068404.D
Acq: 3 Sep 2021 12:55

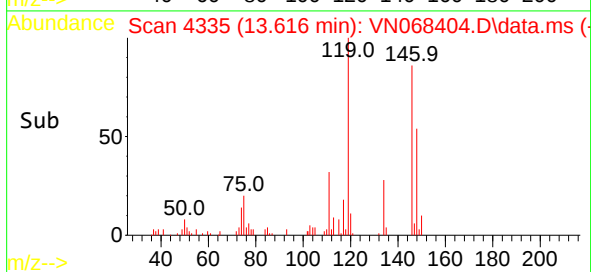
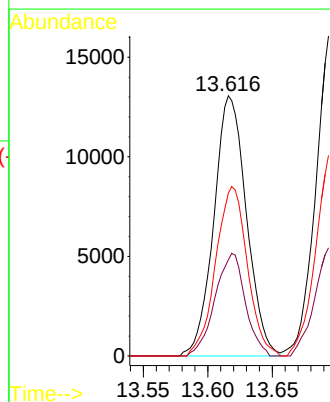
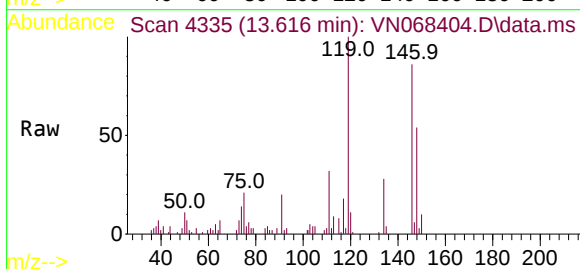
Instrument :
MSVOA_N
ClientSampled :

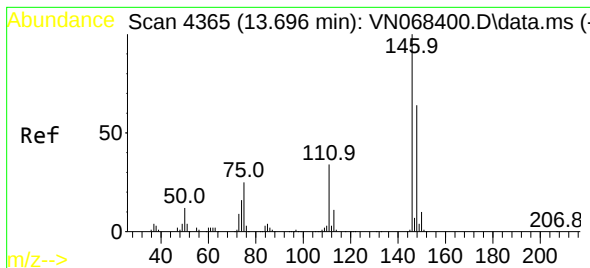
Tgt Ion:119 Resp: 25059
Ion Ratio Lower Upper
119 100
134 27.3 0.0 49.0
91 22.1 0.0 59.6



#83
1,3-Dichlorobenzene
Concen: 1.526 ug/l
RT: 13.616 min Scan# 4335
Delta R.T. 0.000 min
Lab File: VN068404.D
Acq: 3 Sep 2021 12:55

Tgt Ion:146 Resp: 22952
Ion Ratio Lower Upper
146 100
111 36.6 25.0 75.0
148 63.3 32.6 97.7

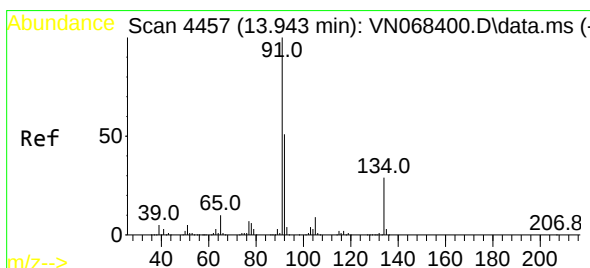
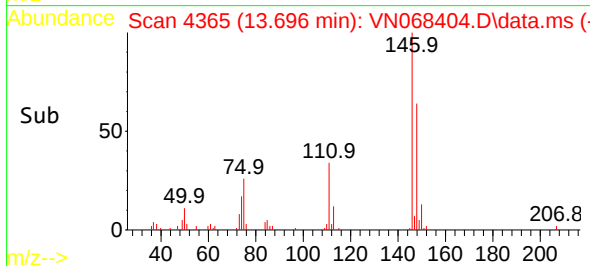
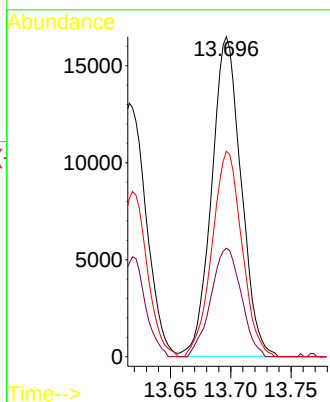
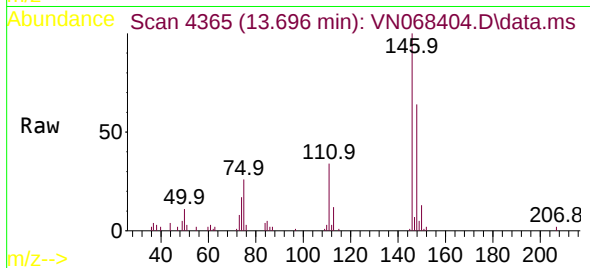




#84
1,4-Dichlorobenzene
Concen: 1.937 ug/l
RT: 13.696 min Scan# 4365
Delta R.T. 0.000 min
Lab File: VN068404.D
Acq: 3 Sep 2021 12:55

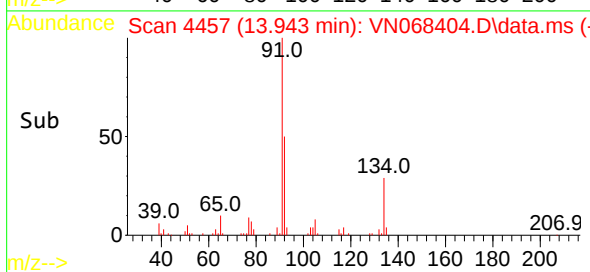
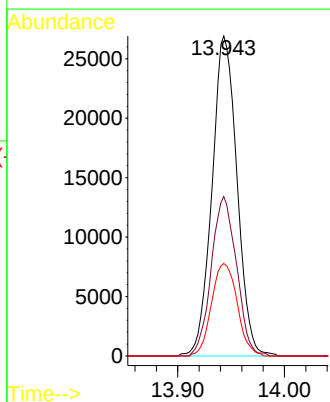
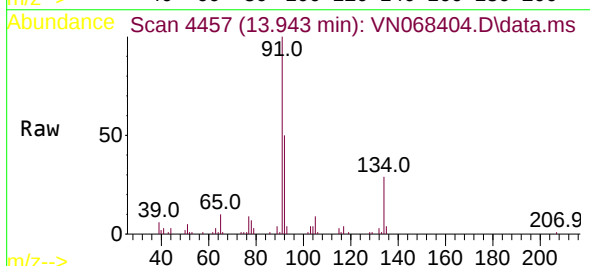
Instrument :
MSVOA_N
ClientSampled :

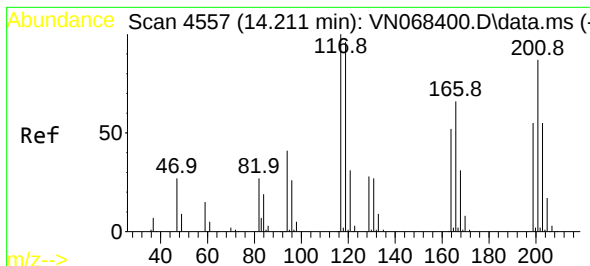
Tgt Ion:146 Resp: 28091
Ion Ratio Lower Upper
146 100
111 34.8 23.6 71.0
148 65.0 31.8 95.3



#85
n-Butylbenzene
Concen: 2.185 ug/l
RT: 13.943 min Scan# 4457
Delta R.T. 0.000 min
Lab File: VN068404.D
Acq: 3 Sep 2021 12:55

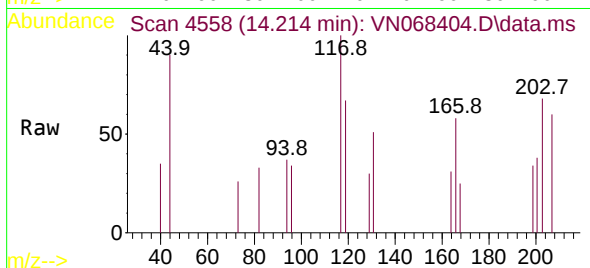
Tgt Ion: 91 Resp: 43817
Ion Ratio Lower Upper
91 100
92 49.9 0.0 103.0
134 29.6 0.0 43.6



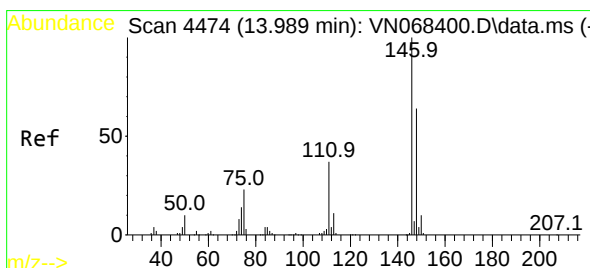
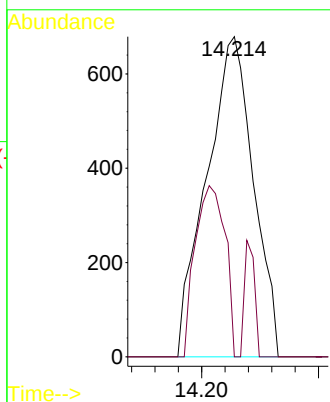


#86
Hexachloroethane
Concen: 0.208 ug/l
RT: 14.214 min Scan# 4558
Delta R.T. 0.003 min
Lab File: VN068404.D
Acq: 3 Sep 2021 12:55

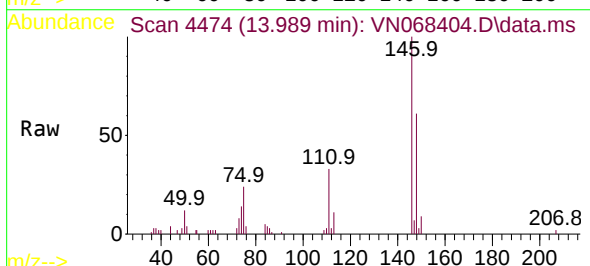
Instrument :
MSVOA_N
ClientSampled :



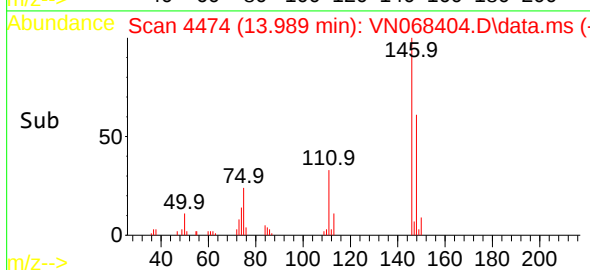
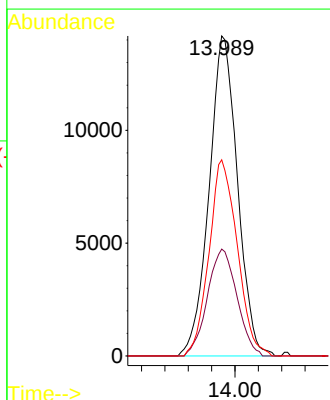
Tgt Ion:117 Resp: 946
Ion Ratio Lower Upper
117 100
201 7.8 33.3 99.9#

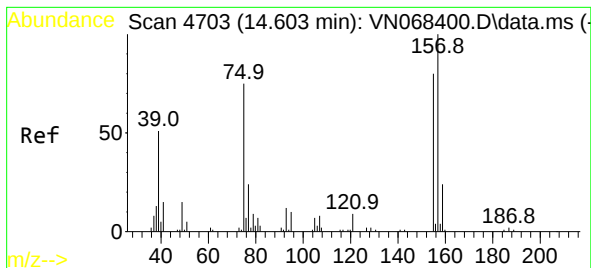


#87
1,2-Dichlorobenzene
Concen: 1.671 ug/l
RT: 13.989 min Scan# 4474
Delta R.T. 0.000 min
Lab File: VN068404.D
Acq: 3 Sep 2021 12:55



Tgt Ion:146 Resp: 23891
Ion Ratio Lower Upper
146 100
111 34.7 25.0 75.0
148 61.2 32.0 96.0





#88

1,2-Dibromo-3-Chloropropane

Concen: 2.547 ug/l

RT: 14.606 min Scan# 4704

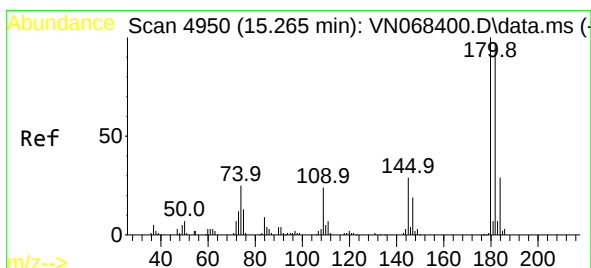
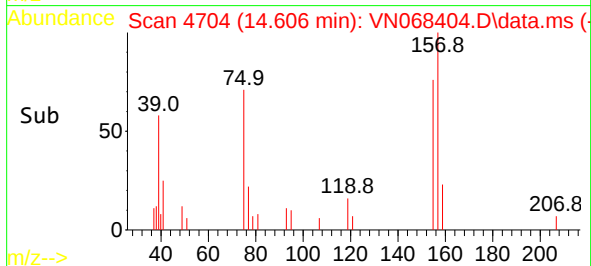
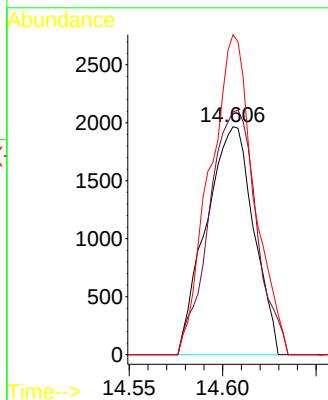
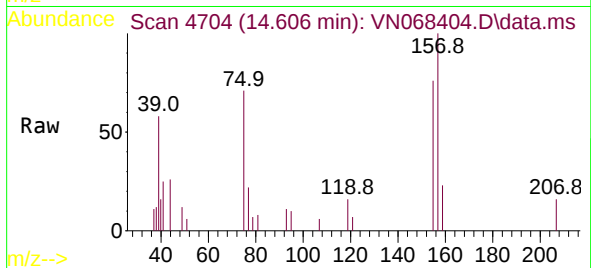
Delta R.T. 0.003 min

Lab File: VN068404.D

Acq: 3 Sep 2021 12:55

Tgt Ion:	75	Resp:	3470
Ion Ratio	Lower	Upper	
75	100		
155	106.7	45.3	67.9#
157	130.7	58.6	87.8#

Instrument :
MSVOA_N
ClientSampled :



#89

1,2,4-Trichlorobenzene

Concen: 6.323 ug/l

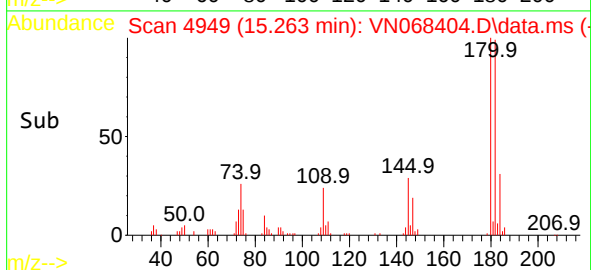
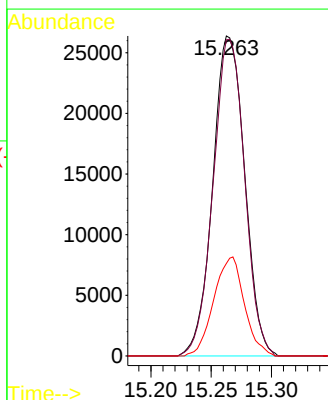
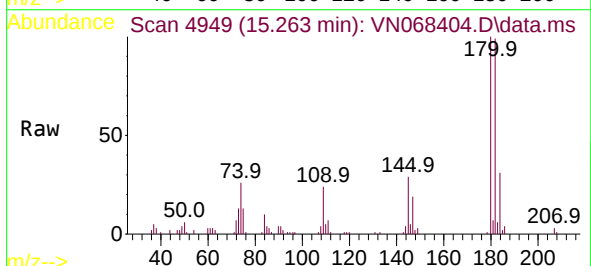
RT: 15.263 min Scan# 4949

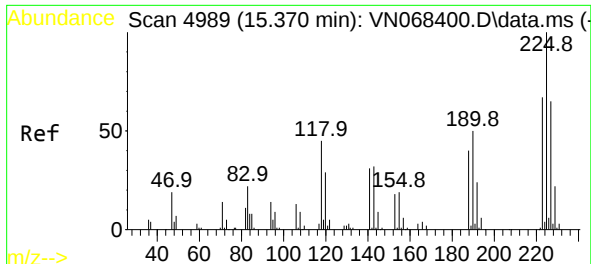
Delta R.T. -0.002 min

Lab File: VN068404.D

Acq: 3 Sep 2021 12:55

Tgt Ion:	180	Resp:	48552
Ion Ratio	Lower	Upper	
180	100		
182	97.6	75.9	113.9
145	29.6	28.8	43.2

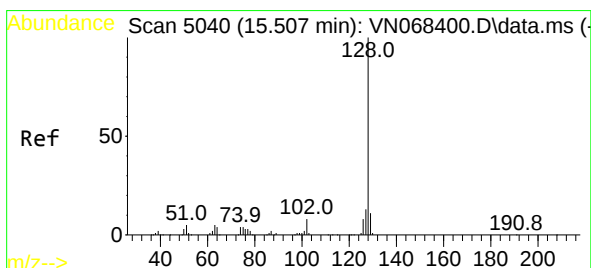
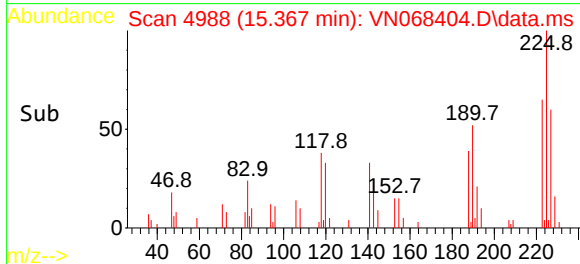
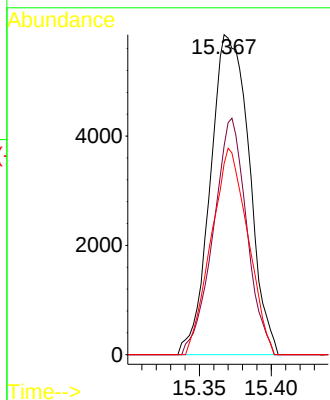
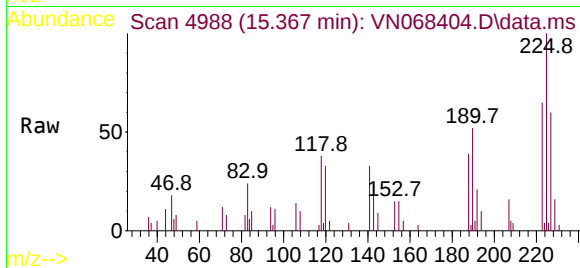




#90
Hexachlorobutadiene
Concen: 2.435 ug/l
RT: 15.367 min Scan# 4988
Delta R.T. -0.003 min
Lab File: VN068404.D
Acq: 3 Sep 2021 12:55

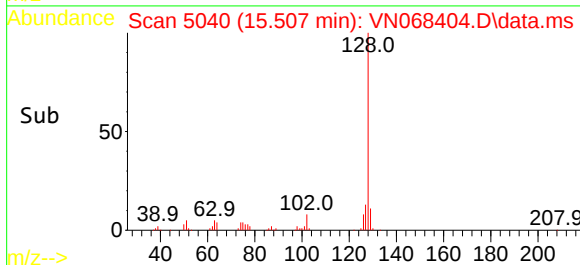
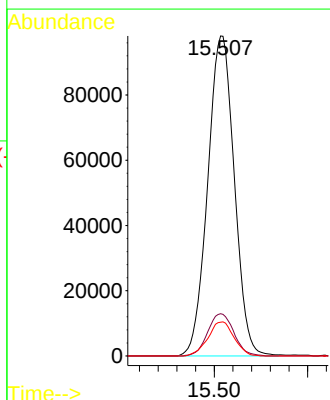
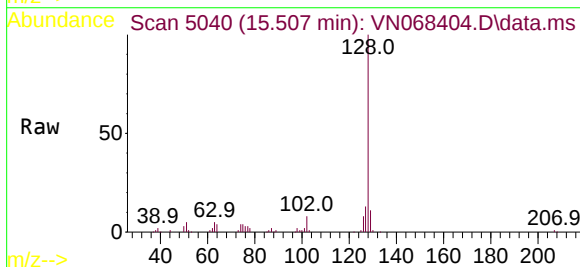
Instrument :
MSVOA_N
ClientSampled :

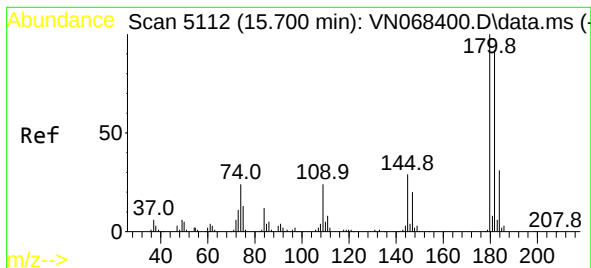
Tgt Ion:225 Resp: 10987
Ion Ratio Lower Upper
225 100
223 63.5 0.0 129.6
227 60.9 0.0 131.2



#91
Naphthalene
Concen: 11.973 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. 0.000 min
Lab File: VN068404.D
Acq: 3 Sep 2021 12:55

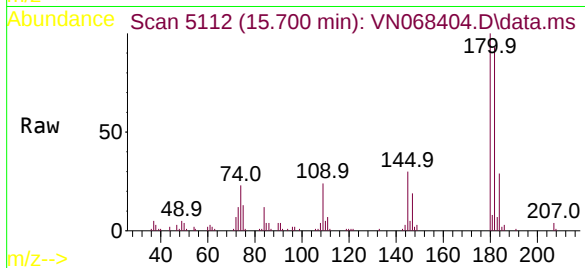
Tgt Ion:128 Resp: 194354
Ion Ratio Lower Upper
128 100
127 13.0 10.1 15.1
129 10.4 8.9 13.3





#92
 1,2,3-Trichlorobenzene
 Concen: 8.881 ug/l
 RT: 15.700 min Scan# 5112
 Delta R.T. 0.000 min
 Lab File: VN068404.D
 Acq: 3 Sep 2021 12:55

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:180 Resp: 64863

Ion	Ratio	Lower	Upper
180	100		
182	91.4	0.0	184.6
145	30.2	0.0	76.0

