

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122120\
 Data File : VW017690.D
 Acq On : 21 Dec 2020 16:52
 Operator : SY/VA
 Sample : L5176-05
 Misc : 2.47G/5ML/MSVOA_W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 22 03:47:17 2020
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W121420S.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 14 12:39:23 2020
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.945	168	149265	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.842	114	296986	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	124987	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	30218	50.00	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	120285	66.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	132.32%	
35) Dibromofluoromethane	7.884	113	104724	53.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.58%	
50) Toluene-d8	10.329	98	273501	35.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	71.48%	
62) 4-Bromofluorobenzene	12.615	95	50618	18.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	37.06%	
Target Compounds						Qvalue
3) Chloromethane	2.324	50	29294	22.22	ug/l	# 74
11) Tert butyl alcohol	5.171	59	243773	2364.62	ug/l	# 88
13) Acrolein	3.757	56	890	8.13	ug/l	# 1
14) Allyl chloride	4.611	41	8053	3.10	ug/l	# 34
15) Acrylonitrile	5.373	53	1993	5.43	ug/l	# 37
16) Acetone	4.123	43	165850	419.21	ug/l	91
19) Methyl tert-butyl Ether	5.428	73	8733	3.83	ug/l	# 1
20) Methylene Chloride	4.922	84	11083	1.05	ug/l	# 63
23) Vinyl Acetate	6.226	43	5309	1.66	ug/l	# 68
25) 2-Butanone	7.171	43	228281	433.34	ug/l	93
26) 2,2-Dichloropropane	7.128	77	532	Below Cal	#	50
29) Tetrahydrofuran	7.537	42	943	3.18	ug/l	# 65
31) Cyclohexane	7.958	56	518119	165.00	ug/l	91
32) 1,1,1-Trichloroethane	7.872	97	20141	7.21	ug/l	93
36) 1,1-Dichloropropene	7.945	75	13621	4.38	ug/l	# 61
37) Ethyl Acetate	7.171	43	228281	175.69	ug/l	# 66
38) Carbon Tetrachloride	7.945	117	16241	5.20	ug/l	# 13
39) Methylcyclohexane	9.335	83	951223	241.51	ug/l	# 90
40) Benzene	8.323	78	861935	104.66	ug/l	98
41) Methacrylonitrile	7.494	41	1061	1.45	ug/l	# 54
43) Isopropyl Acetate	8.421	43	93547	38.37	ug/l	# 47
45) 1,2-Dichloropropane	9.335	63	12187	6.00	ug/l	# 1
47) Bromodichloromethane	9.756	83	12275	4.24	ug/l	# 39
48) Methyl methacrylate	9.469	41	19778	16.54	ug/l	# 6
49) 1,4-Dioxane	9.384	88	22	1.56	ug/l	# 1
51) 4-Methyl-2-Pentanone	10.250	43	48467	39.95	ug/l	# 63
52) Toluene	10.390	92	7123295	1322.38	ug/l	95
53) t-1,3-Dichloropropene	10.390	75	87041	29.35	ug/l	# 1
55) 1,1,2-Trichloroethane	10.762	97	175358	115.31	ug/l	# 25
56) Ethyl methacrylate	10.664	69	36787	18.72	ug/l	# 1
58) 2-Chloroethyl Vinyl ether	9.896	63	2512	2.67	ug/l	# 41
59) 2-Hexanone	10.939	43	112628	138.75	ug/l	# 26
64) Tetrachloroethene	10.866	164	2794	3.28	ug/l	87
67) Ethyl Benzene	11.731	91	2637070	528.20	ug/l	100
68) m/p-Xylenes	11.835	106	3851299	2022.87	ug/l	98
69) o-Xylene	12.164	106	1298794	723.31	ug/l	100

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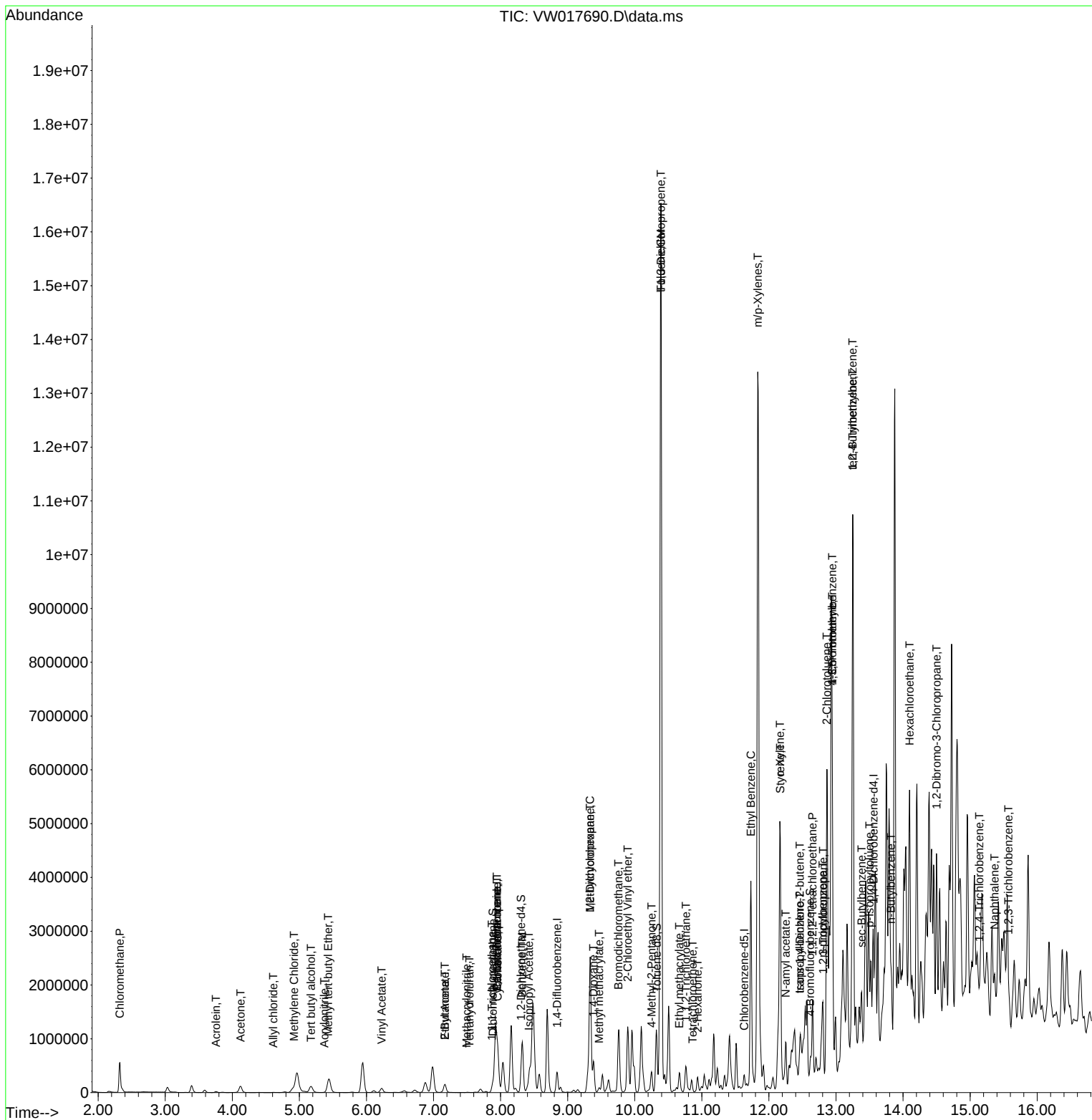
Quant Time: Dec 22 03:47:17 2020
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W121420S.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 14 12:39:23 2020
 Response via : Initial Calibration

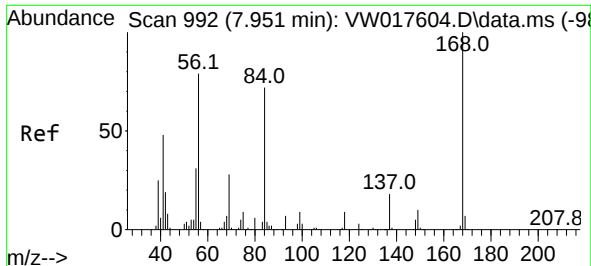
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

70) Styrene	12.170	104	76235	25.42	ug/l #	1
73) Isopropylbenzene	12.463	105	286265	119.81	ug/l	99
74) N-amyl acetate	12.249	43	179697	358.58	ug/l #	62
75) 1,1,2,2-Tetrachloroethane	12.652	83	7185	18.03	ug/l #	1
76) 1,2,3-Trichloropropane	12.810	75	6085	20.92	ug/l #	1
78) n-propylbenzene	12.804	91	1040276	366.66	ug/l	100
79) 2-Chlorotoluene	12.865	91	416249	263.17	ug/l #	39
80) 1,3,5-Trimethylbenzene	12.944	105	1536656	759.86	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.463	75	3544	24.68	ug/l #	1
82) 4-Chlorotoluene	12.944	91	171502	102.74	ug/l #	44
83) tert-Butylbenzene	13.249	119	686783	397.09	ug/l #	61
84) 1,2,4-Trimethylbenzene	13.249	105	5439621	2731.07	ug/l	100
85) sec-Butylbenzene	13.383	105	566591	233.26	ug/l	84
86) p-Isopropyltoluene	13.499	119	296040	135.01	ug/l	98
89) n-Butylbenzene	13.822	91	588343	273.05	ug/l #	72
90) Hexachloroethane	14.097	117	195451	453.69	ug/l #	7
92) 1,2-Dibromo-3-Chloropr...	14.499	75	4617	63.66	ug/l #	33
93) 1,2,4-Trichlorobenzene	15.139	180	3812	6.57	ug/l #	1
95) Naphthalene	15.365	128	598108	504.17	ug/l #	94
96) 1,2,3-Trichlorobenzene	15.572	180	17850	35.58	ug/l #	1

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

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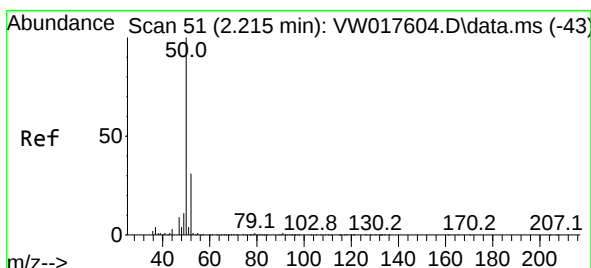
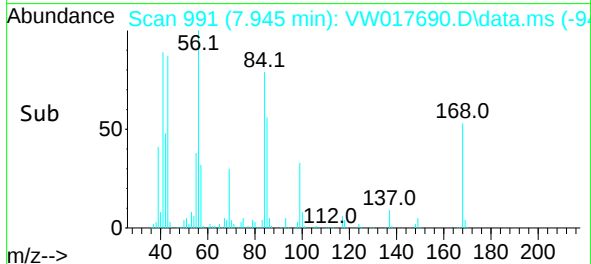
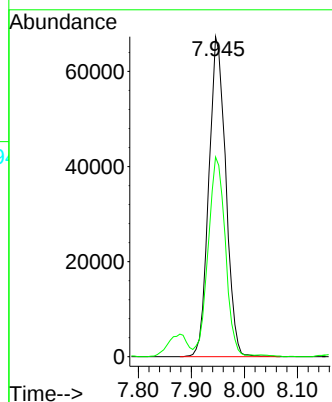
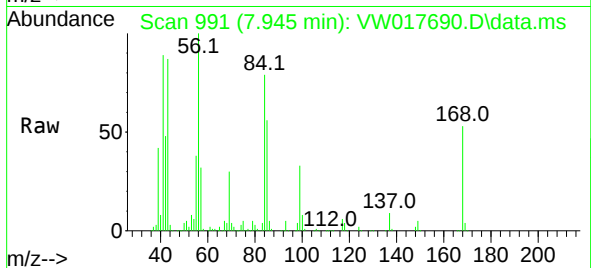




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.945 min Scan# 991
Delta R.T. -0.006 min
Lab File: VW017690.D
Acq: 21 Dec 2020 16:52

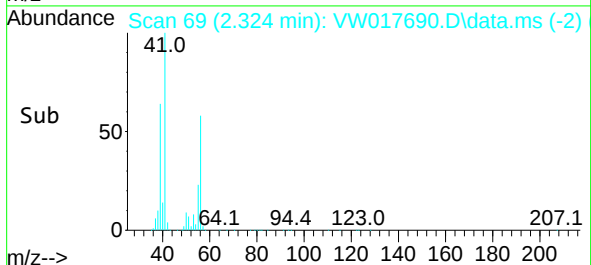
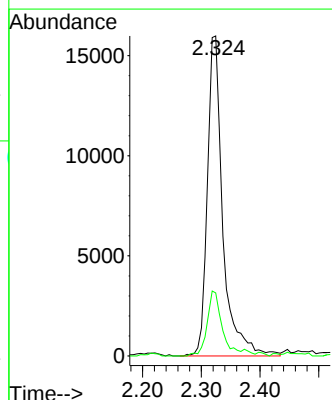
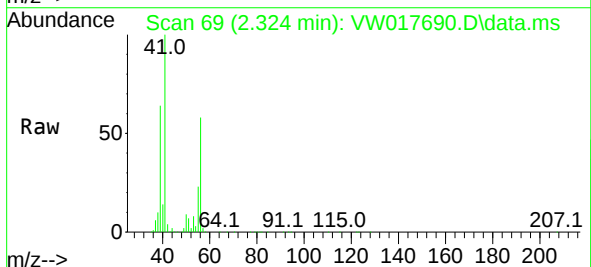
Instrument :
MSVOA_W
ClientSampled :

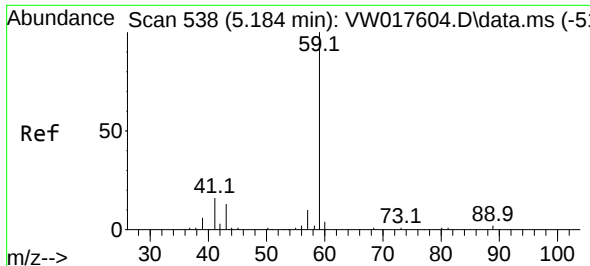
Tgt Ion:168 Resp: 149265
Ion Ratio Lower Upper
168 100
99 62.2 40.7 61.1#



#3
Chloromethane
Concen: 22.22 ug/l
RT: 2.324 min Scan# 69
Delta R.T. 0.109 min
Lab File: VW017690.D
Acq: 21 Dec 2020 16:52

Tgt Ion: 50 Resp: 29294
Ion Ratio Lower Upper
50 100
52 19.7 27.6 41.4#

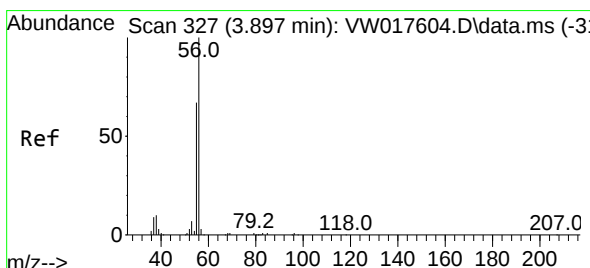
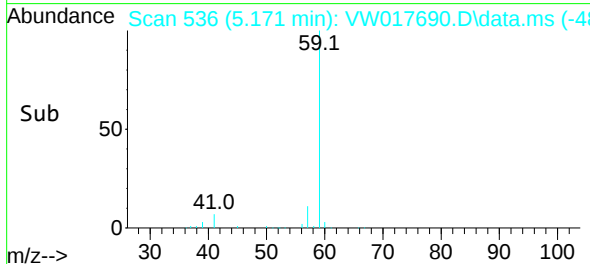
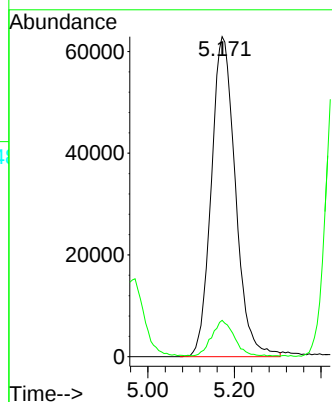
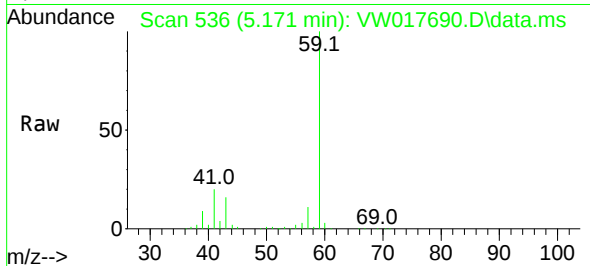




#11
Tert butyl alcohol
Concen: 2364.62 ug/l
RT: 5.171 min Scan# 536
Delta R.T. -0.013 min
Lab File: VW017690.D
Acq: 21 Dec 2020 16:52

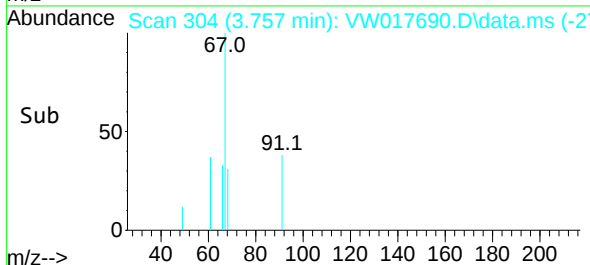
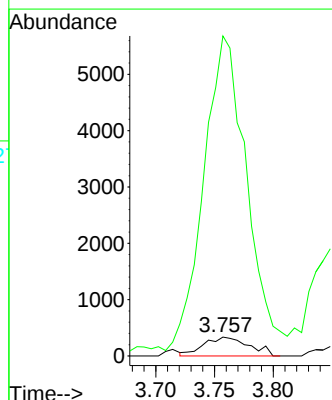
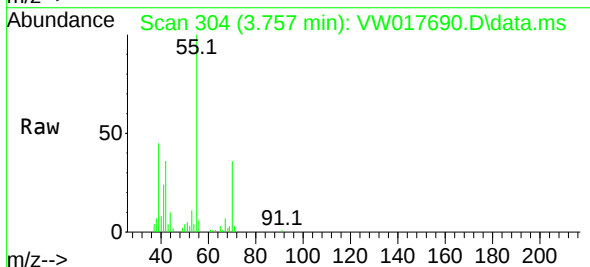
Instrument :
MSVOA_W
ClientSampled :

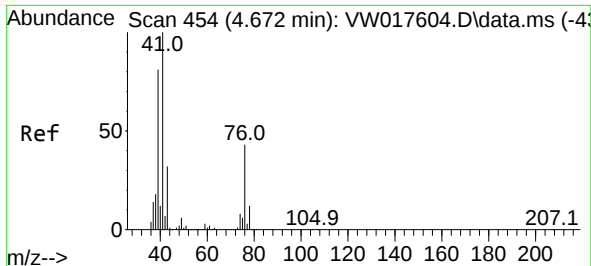
Tgt Ion: 59 Resp: 243773
Ion Ratio Lower Upper
59 100
57 10.1 4.7 7.1#



#13
Acrolein
Concen: 8.13 ug/l
RT: 3.757 min Scan# 304
Delta R.T. -0.140 min
Lab File: VW017690.D
Acq: 21 Dec 2020 16:52

Tgt Ion: 56 Resp: 890
Ion Ratio Lower Upper
56 100
55 1566.1 55.9 83.9#





#14

Allyl chloride

Concen: 3.10 ug/l

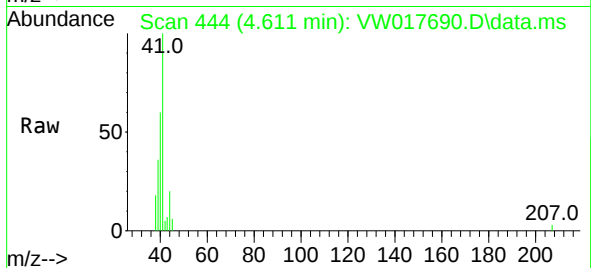
RT: 4.611 min Scan# 444

Delta R.T. -0.061 min

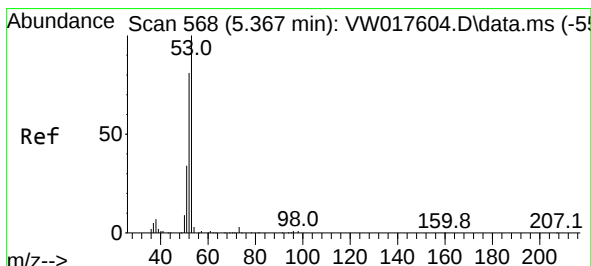
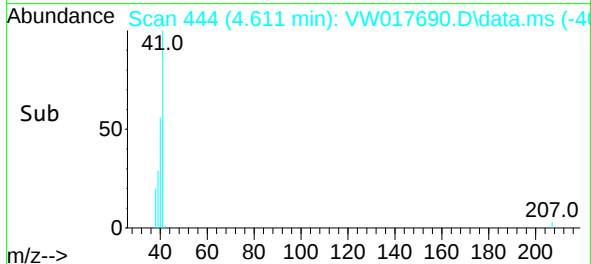
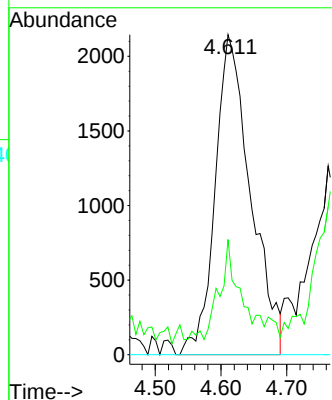
Lab File: VW017690.D

Acq: 21 Dec 2020 16:52

Instrument :
MSVOA_W
ClientSampled :



Tgt Ion:	41	Resp:	8053
Ion Ratio	Lower	Upper	
41	100		
39	18.1	57.8	86.8#
76	0.0	35.1	52.7#



#15

Acrylonitrile

Concen: 5.43 ug/l

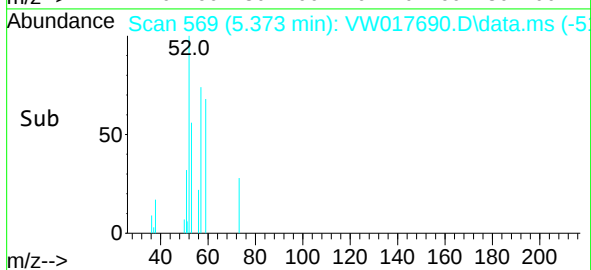
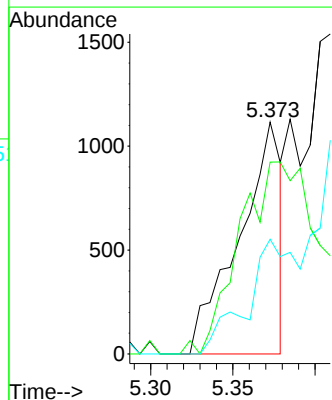
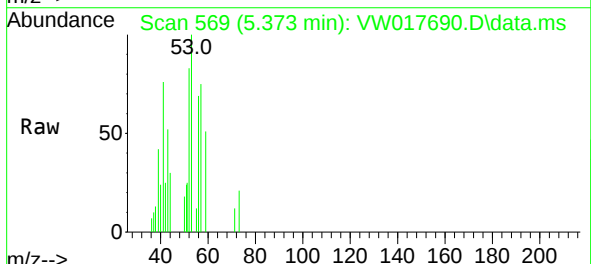
RT: 5.373 min Scan# 569

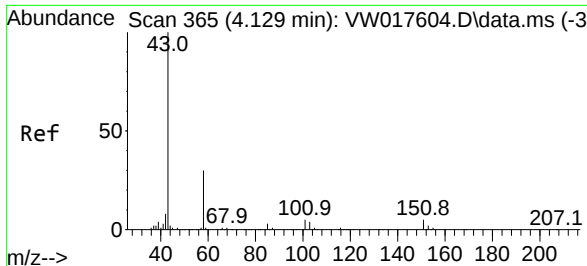
Delta R.T. 0.006 min

Lab File: VW017690.D

Acq: 21 Dec 2020 16:52

Tgt Ion:	53	Resp:	1993
Ion Ratio	Lower	Upper	
53	100		
52	147.8	65.0	97.4#
51	58.2	29.1	43.7#

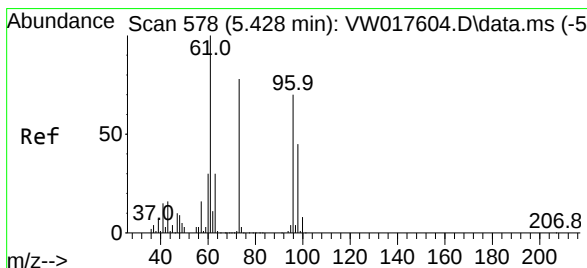
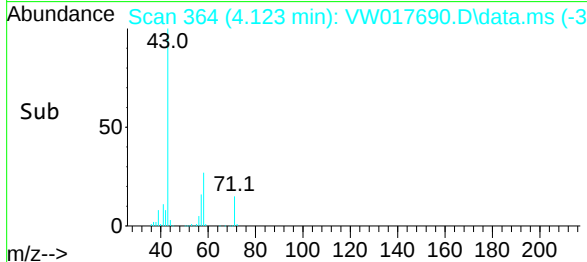
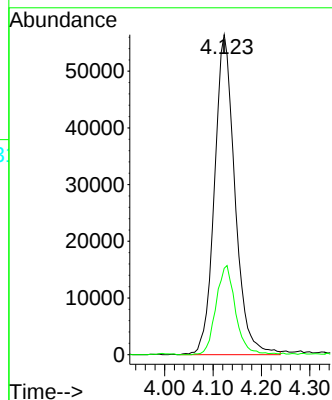
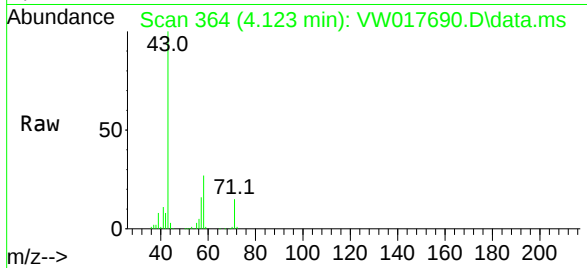




#16
Acetone
Concen: 419.21 ug/l
RT: 4.123 min Scan# 364
Delta R.T. -0.006 min
Lab File: VW017690.D
Acq: 21 Dec 2020 16:52

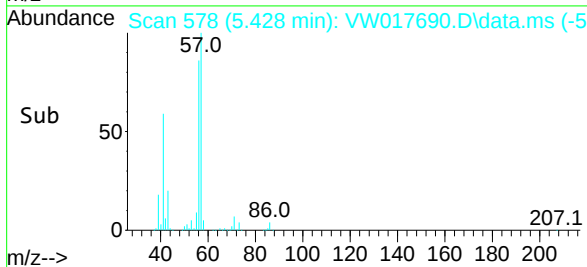
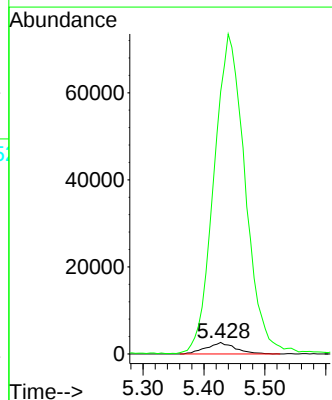
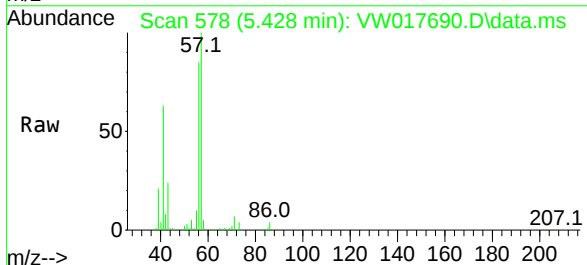
Instrument :
MSVOA_W
ClientSampled :

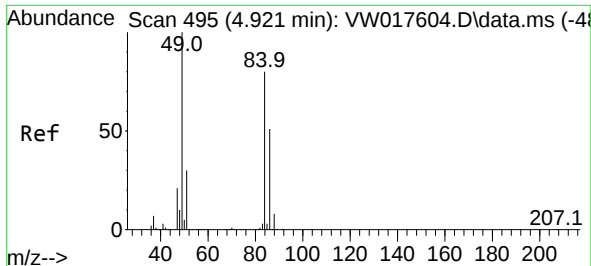
Tgt Ion: 43 Resp: 165850
Ion Ratio Lower Upper
43 100
58 27.0 25.7 38.5



#19
Methyl tert-butyl Ether
Concen: 3.83 ug/l
RT: 5.428 min Scan# 578
Delta R.T. -0.000 min
Lab File: VW017690.D
Acq: 21 Dec 2020 16:52

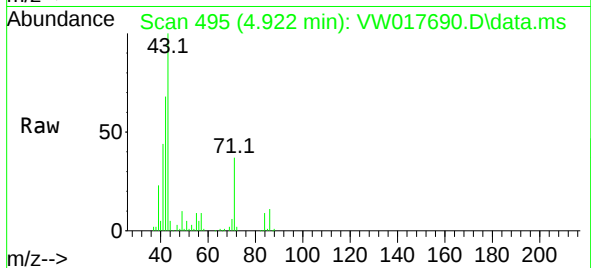
Tgt Ion: 73 Resp: 8733
Ion Ratio Lower Upper
73 100
57 2273.7 16.1 24.1#



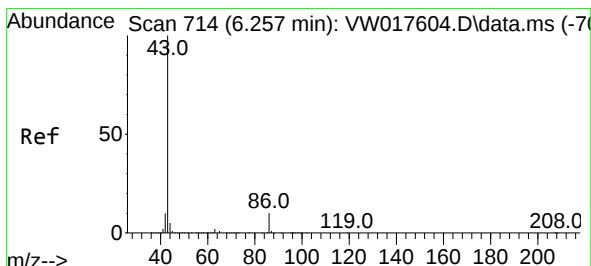
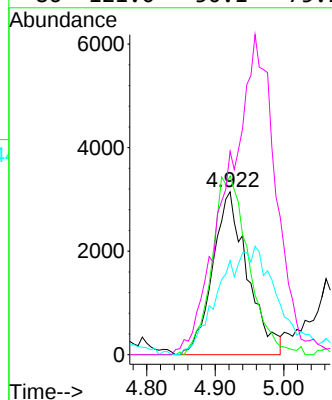
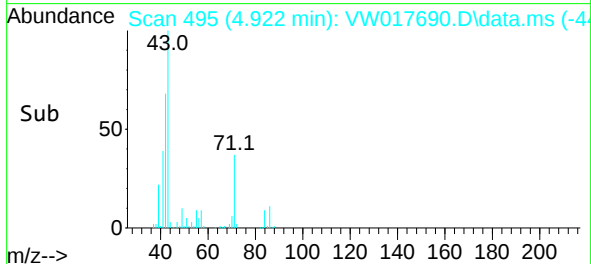


#20
Methylene Chloride
Concen: 1.05 ug/l
RT: 4.922 min Scan# 495
Delta R.T. 0.001 min
Lab File: VW017690.D
Acq: 21 Dec 2020 16:52

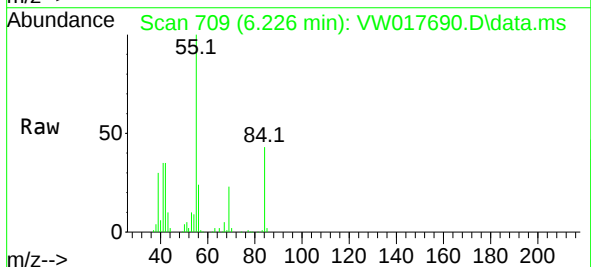
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MSVOA_W
ClientSampleId :



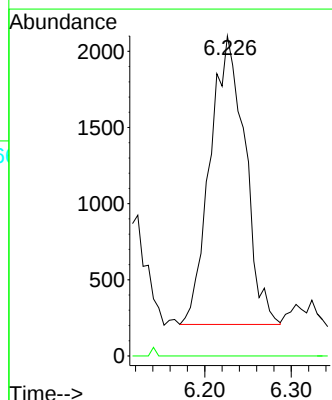
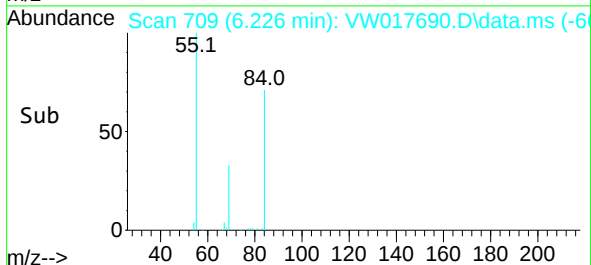
Tgt Ion: 84 Resp: 11083
Ion Ratio Lower Upper
84 100
49 107.9 79.0 118.6
51 57.8 26.1 39.1#
86 121.0 50.1 75.1#

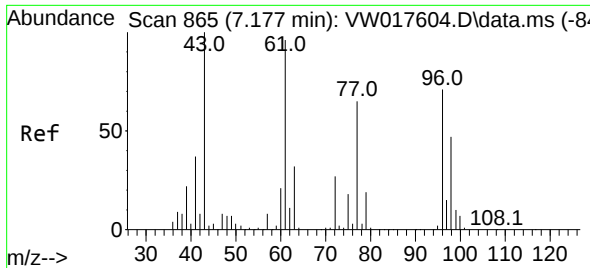


#23
Vinyl Acetate
Concen: 1.66 ug/l
RT: 6.226 min Scan# 709
Delta R.T. -0.031 min
Lab File: VW017690.D
Acq: 21 Dec 2020 16:52



Tgt Ion: 43 Resp: 5309
Ion Ratio Lower Upper
43 100
86 0.0 10.2 15.4#

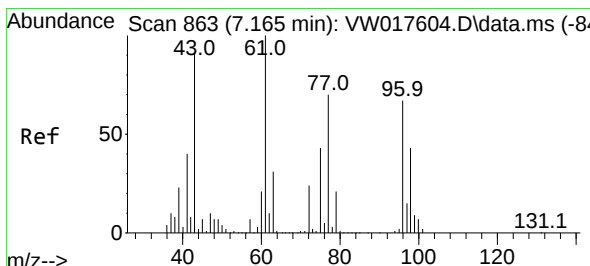
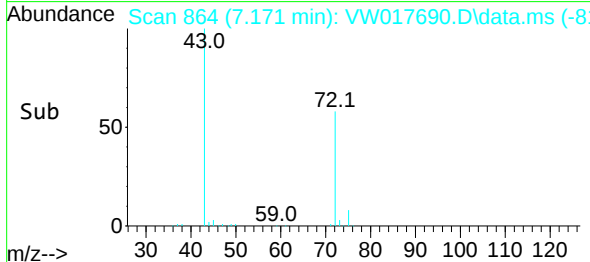
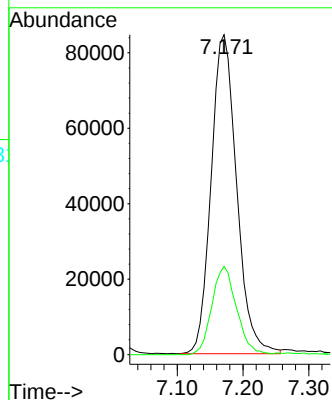
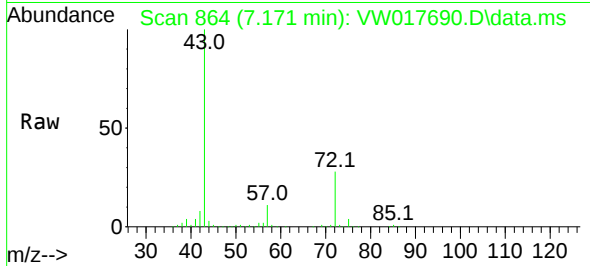




#25
2-Butanone
Concen: 433.34 ug/l
RT: 7.171 min Scan# 864
Delta R.T. -0.006 min
Lab File: VW017690.D
Acq: 21 Dec 2020 16:52

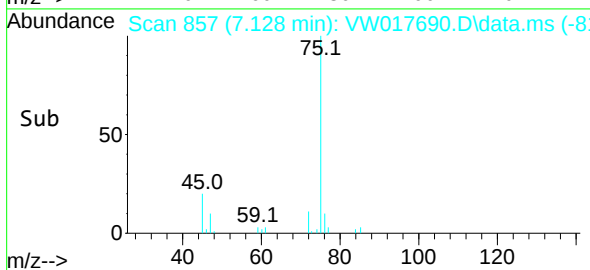
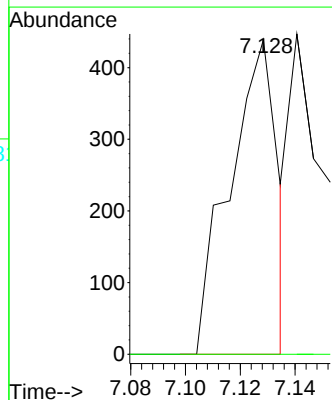
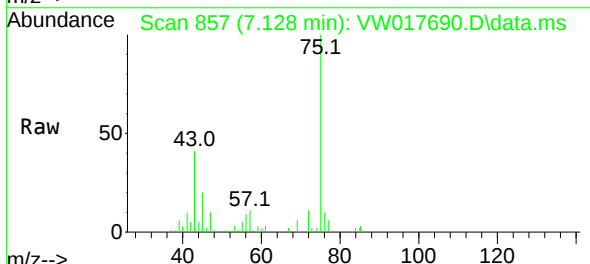
Instrument :
MSVOA_W
ClientSampled :

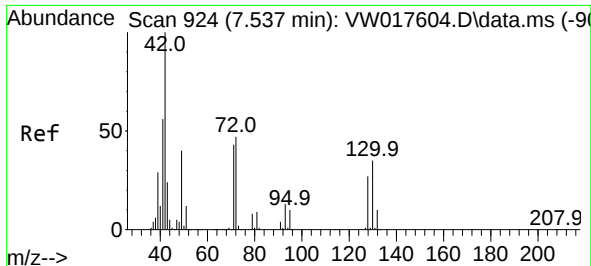
Tgt Ion: 43 Resp: 228281
Ion Ratio Lower Upper
43 100
72 27.7 25.4 38.2



#26
2,2-Dichloropropane
Concen: Below Cal
RT: 7.128 min Scan# 857
Delta R.T. -0.037 min
Lab File: VW017690.D
Acq: 21 Dec 2020 16:52

Tgt Ion: 77 Resp: 532
Ion Ratio Lower Upper
77 100
97 0.0 12.4 37.4#





#29

Tetrahydrofuran

Concen: 3.18 ug/l

RT: 7.537 min Scan# 924

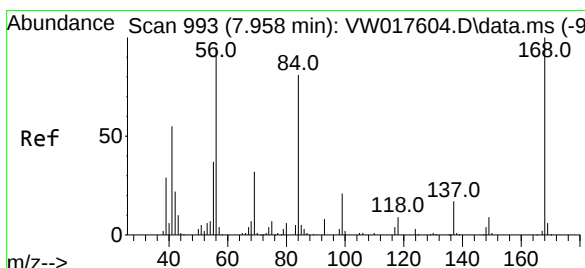
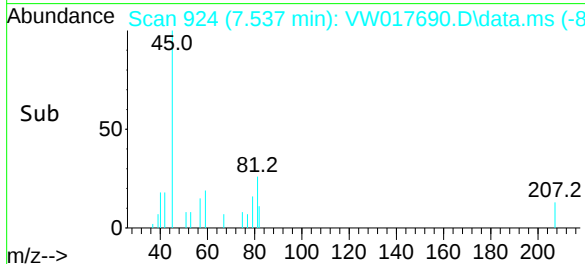
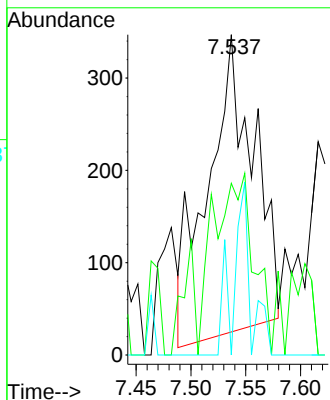
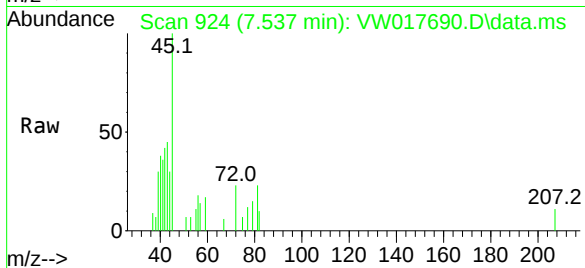
Delta R.T. -0.000 min

Lab File: VW017690.D

Acq: 21 Dec 2020 16:52

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:	42	Resp:	943
Ion Ratio	Lower	Upper	
42	100		
72	53.0	42.0	63.0
71	0.0	39.0	58.6#



#31

Cyclohexane

Concen: 165.00 ug/l

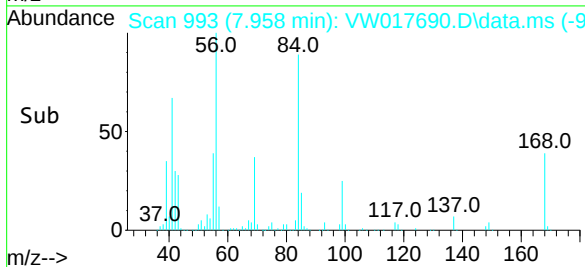
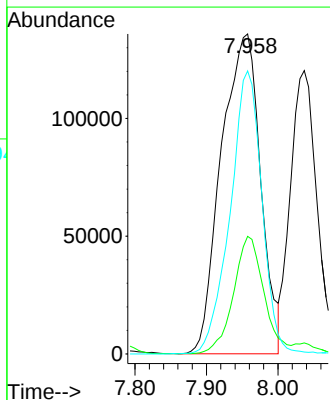
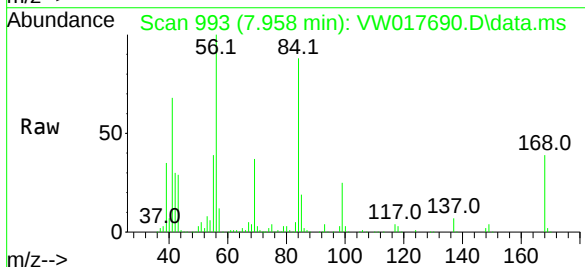
RT: 7.958 min Scan# 993

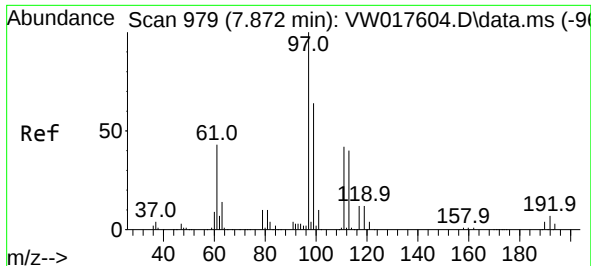
Delta R.T. -0.000 min

Lab File: VW017690.D

Acq: 21 Dec 2020 16:52

Tgt Ion:	56	Resp:	518119
Ion Ratio	Lower	Upper	
56	100		
69	36.7	29.3	43.9
84	88.5	80.5	120.7

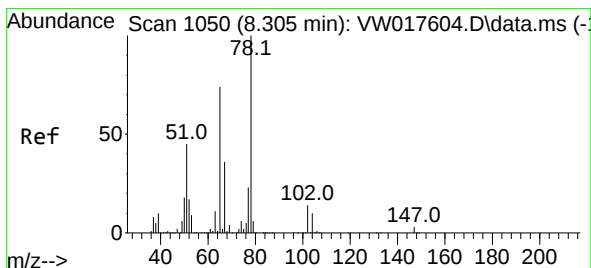
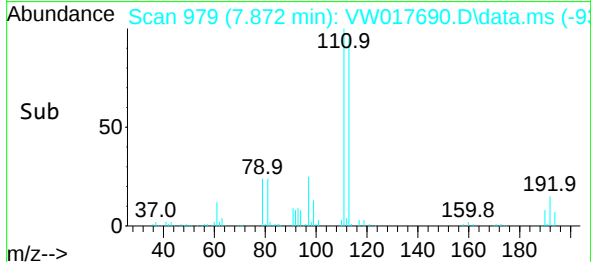
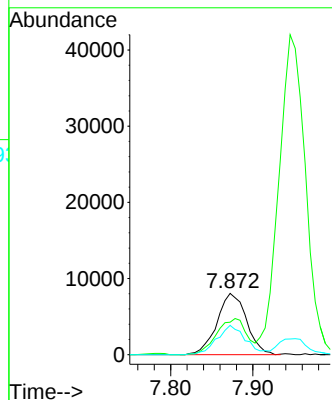
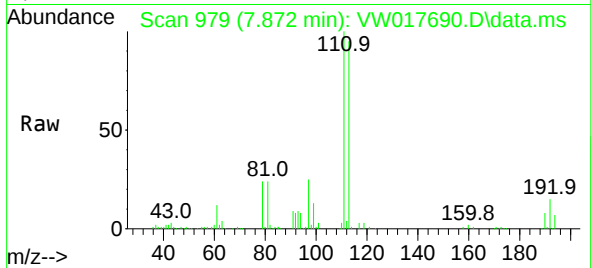




#32
1,1,1-Trichloroethane
Concen: 7.21 ug/l
RT: 7.872 min Scan# 979
Delta R.T. 0.000 min
Lab File: VW017690.D
Acq: 21 Dec 2020 16:52

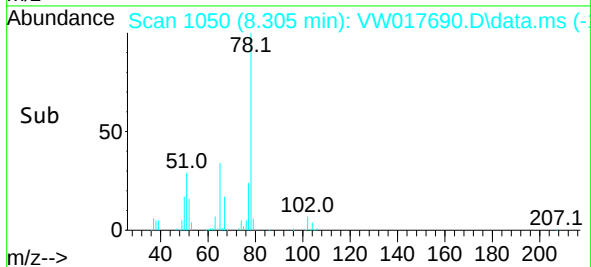
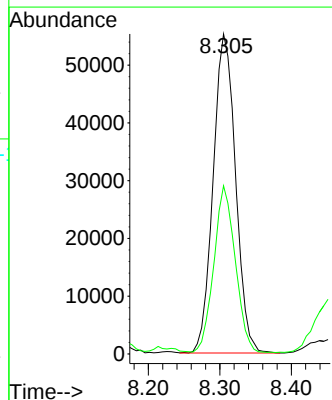
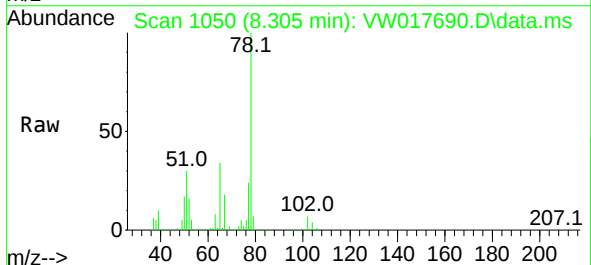
Instrument :
MSVOA_W
ClientSampled :

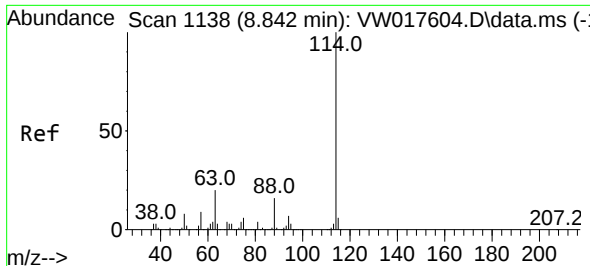
Tgt Ion: 97 Resp: 20141
Ion Ratio Lower Upper
97 100
99 60.3 52.4 78.6
61 44.9 31.9 47.9



#33
1,2-Dichloroethane-d4
Concen: 66.16 ug/l
RT: 8.305 min Scan# 1050
Delta R.T. 0.000 min
Lab File: VW017690.D
Acq: 21 Dec 2020 16:52

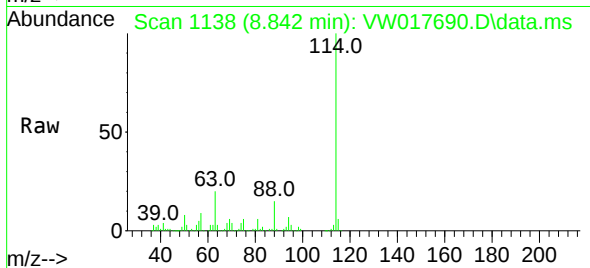
Tgt Ion: 65 Resp: 120285
Ion Ratio Lower Upper
65 100
67 49.8 0.0 103.8



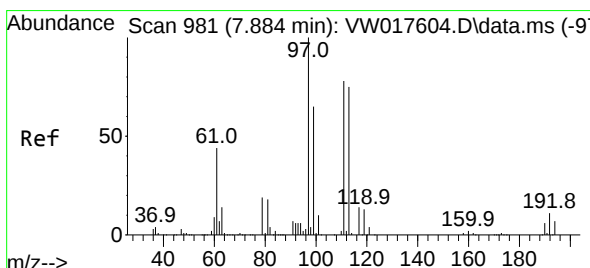
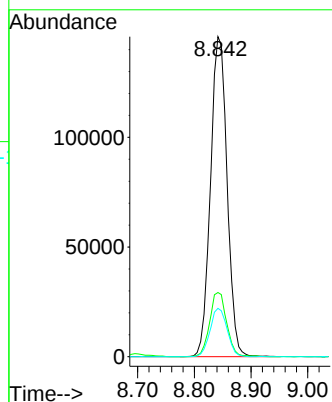
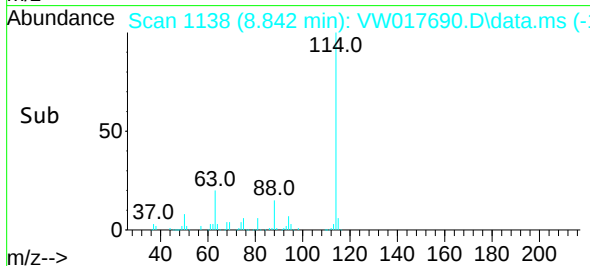


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.842 min Scan# 1138
Delta R.T. -0.000 min
Lab File: VW017690.D
Acq: 21 Dec 2020 16:52

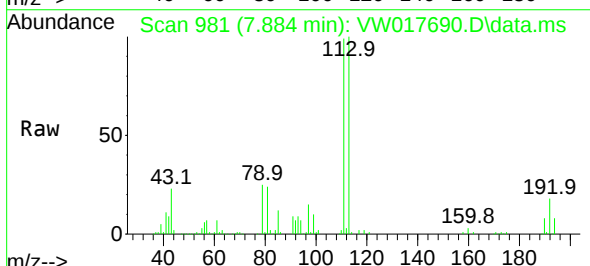
Instrument :
MSVOA_W
ClientSampled :



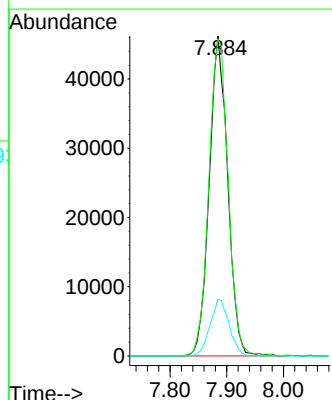
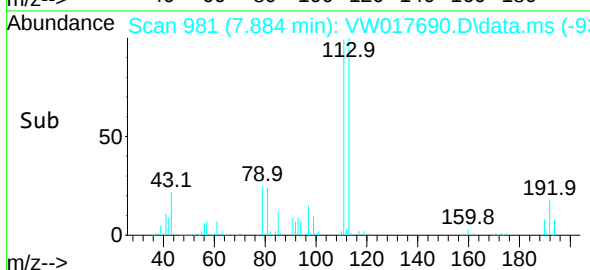
Tgt Ion:114 Resp: 296986
Ion Ratio Lower Upper
114 100
63 20.0 0.0 35.6
88 15.1 0.0 30.4

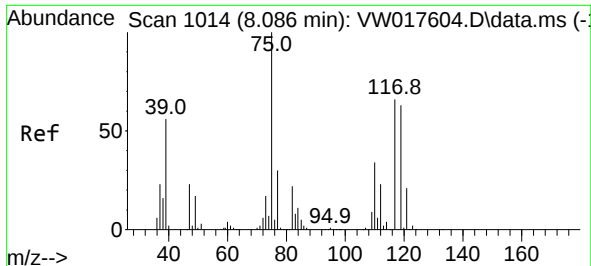


#35
Dibromofluoromethane
Concen: 53.29 ug/l
RT: 7.884 min Scan# 981
Delta R.T. 0.000 min
Lab File: VW017690.D
Acq: 21 Dec 2020 16:52



Tgt Ion:113 Resp: 104724
Ion Ratio Lower Upper
113 100
111 103.6 81.4 122.2
192 18.2 17.8 26.8

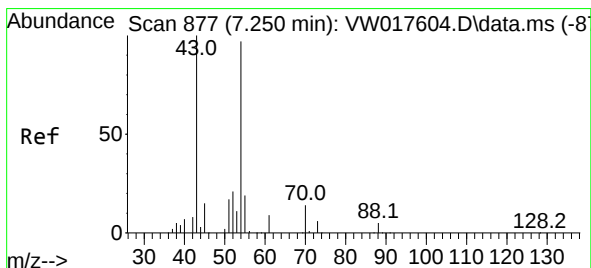
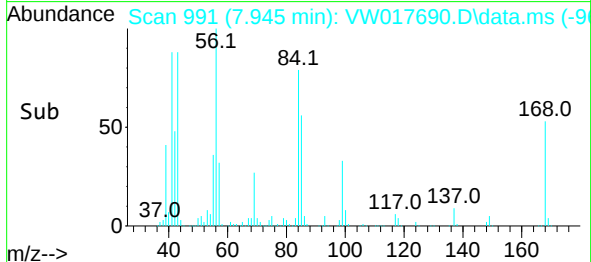
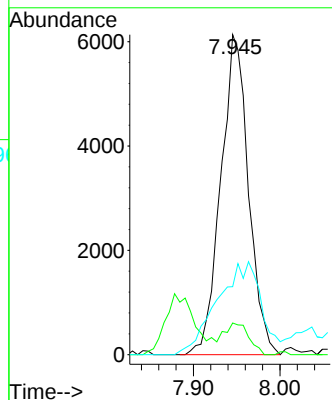
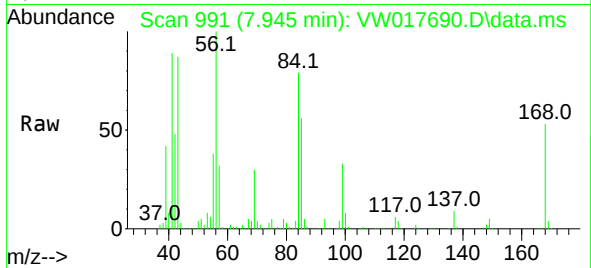




#36
1,1-Dichloropropene
Concen: 4.38 ug/l
RT: 7.945 min Scan# 991
Delta R.T. -0.141 min
Lab File: VW017690.D
Acq: 21 Dec 2020 16:52

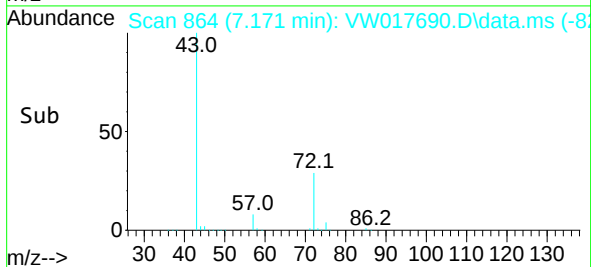
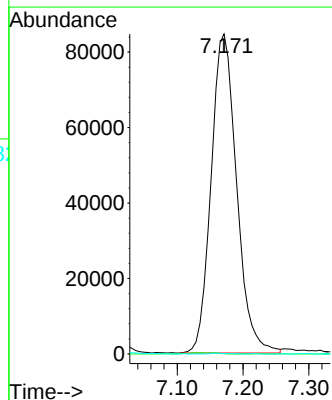
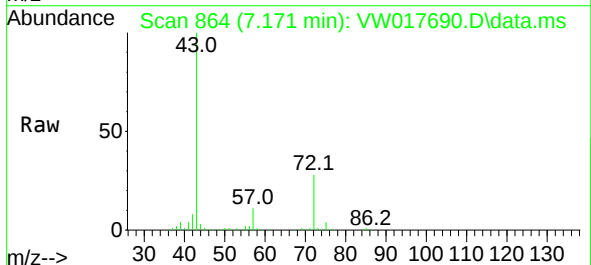
Instrument :
MSVOA_W
ClientSampled :

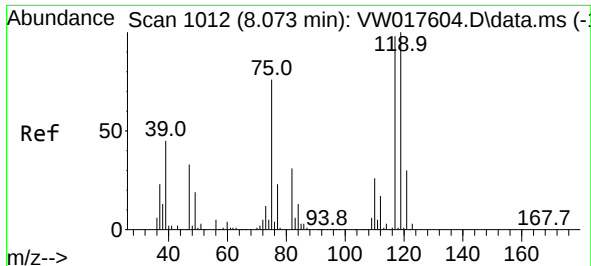
Tgt Ion: 75 Resp: 13621
Ion Ratio Lower Upper
75 100
110 8.8 19.3 57.9#
77 45.9 25.0 37.6#



#37
Ethyl Acetate
Concen: 175.69 ug/l
RT: 7.171 min Scan# 864
Delta R.T. -0.079 min
Lab File: VW017690.D
Acq: 21 Dec 2020 16:52

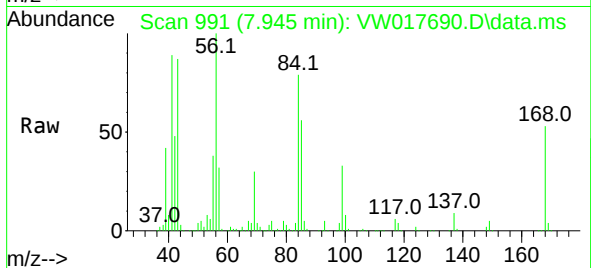
Tgt Ion: 43 Resp: 228281
Ion Ratio Lower Upper
43 100
61 0.0 12.0 18.0#
70 0.2 9.9 14.9#



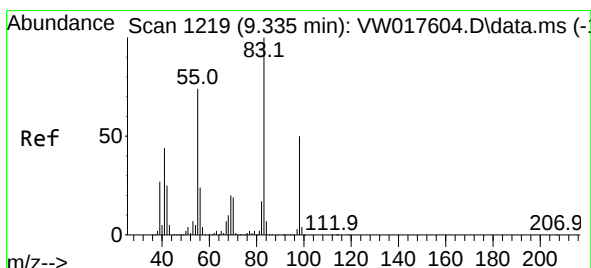
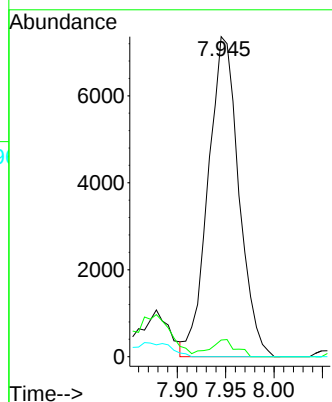
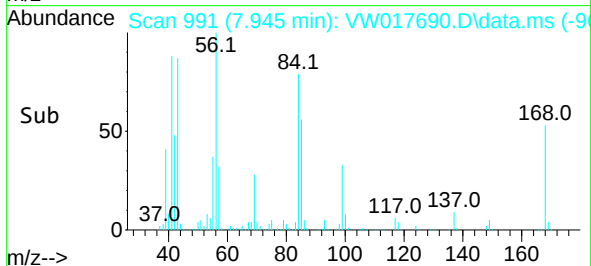


#38
Carbon Tetrachloride
Concen: 5.20 ug/l
RT: 7.945 min Scan# 991
Delta R.T. -0.128 min
Lab File: VW017690.D
Acq: 21 Dec 2020 16:52

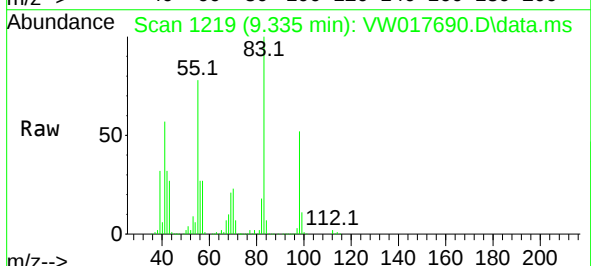
Instrument :
MSVOA_W
ClientSampleId :



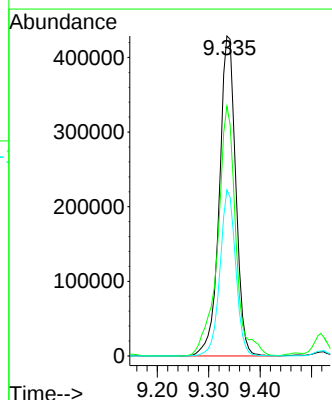
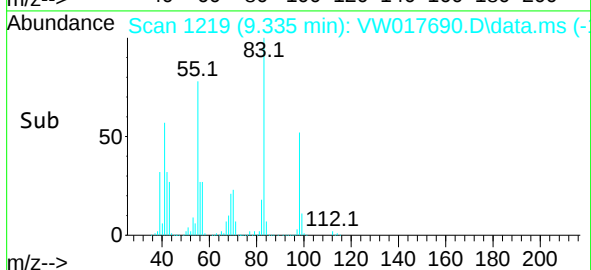
Tgt Ion:117 Resp: 16241
Ion Ratio Lower Upper
117 100
119 5.2 81.6 122.4#
121 0.0 25.7 38.5#

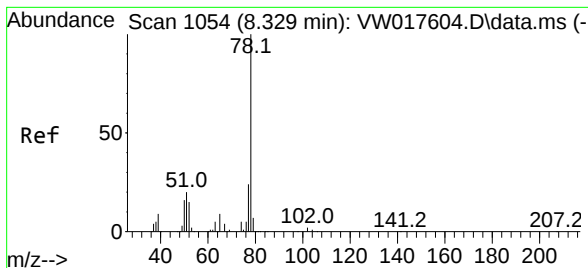


#39
Methylcyclohexane
Concen: 241.51 ug/l
RT: 9.335 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VW017690.D
Acq: 21 Dec 2020 16:52



Tgt Ion: 83 Resp: 951223
Ion Ratio Lower Upper
83 100
55 78.0 51.7 77.5#
98 51.9 41.0 61.4





#40

Benzene

Concen: 104.66 ug/l

RT: 8.323 min Scan# 1053

Delta R.T. -0.006 min

Lab File: VW017690.D

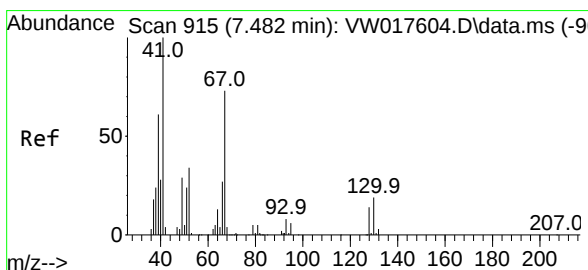
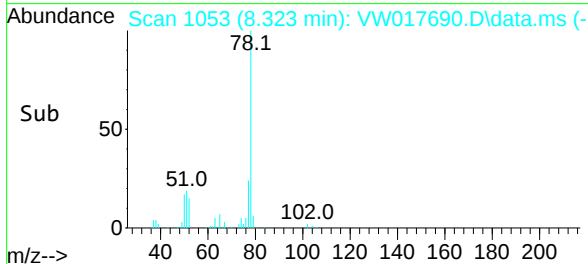
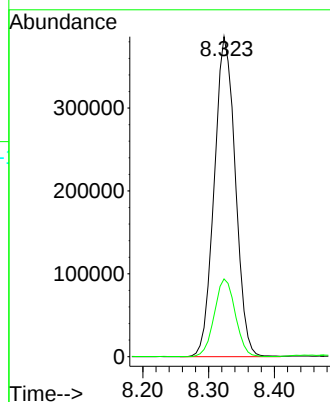
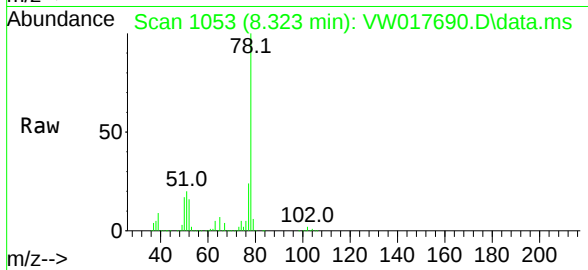
Acq: 21 Dec 2020 16:52

Tgt Ion: 78 Resp: 861935

Ion Ratio Lower Upper

78 100

77 24.3 18.5 27.7



#41

Methacrylonitrile

Concen: 1.45 ug/l

RT: 7.494 min Scan# 917

Delta R.T. 0.012 min

Lab File: VW017690.D

Acq: 21 Dec 2020 16:52

Tgt Ion: 41 Resp: 1061

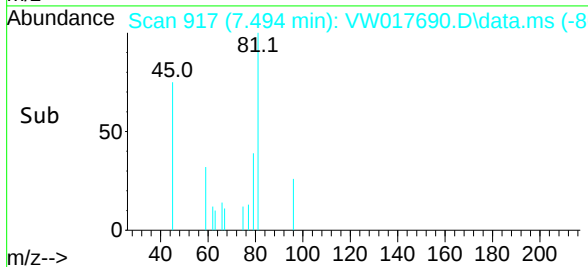
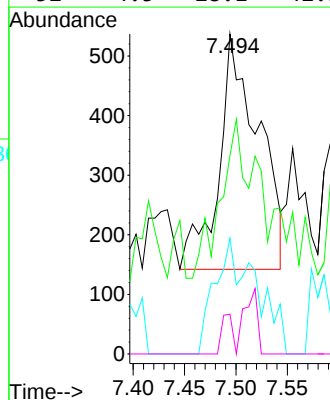
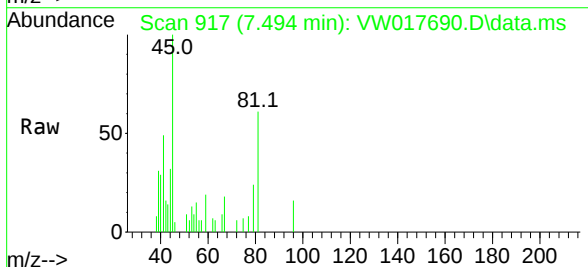
Ion Ratio Lower Upper

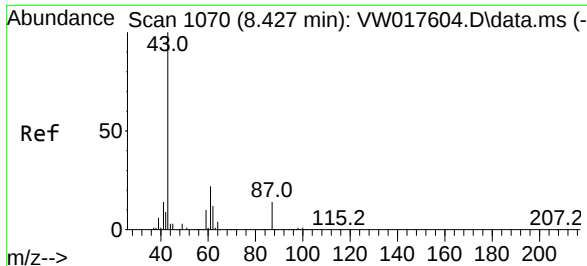
41 100

39 42.5 47.0 70.6#

67 30.7 68.6 102.8#

52 4.5 28.1 42.1#

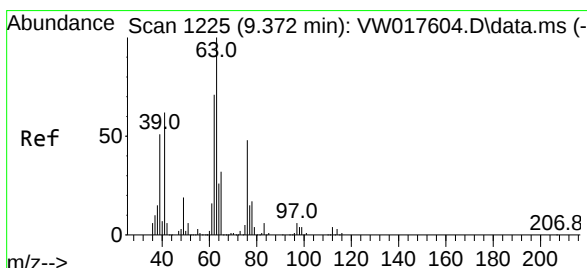
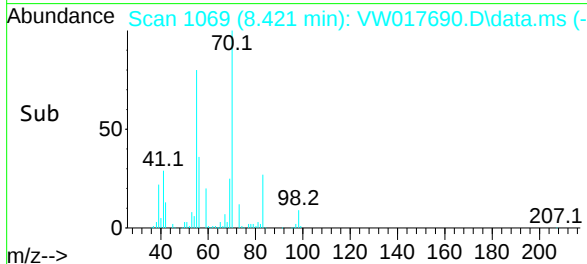
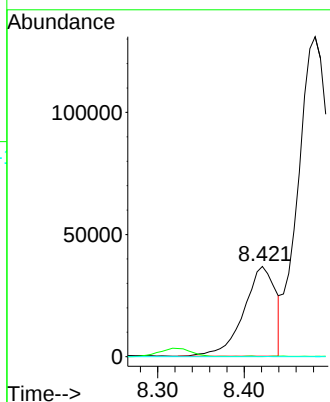
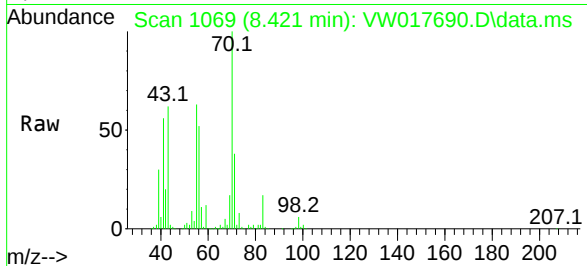




#43
Isopropyl Acetate
Concen: 38.37 ug/l
RT: 8.421 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VW017690.D
Acq: 21 Dec 2020 16:52

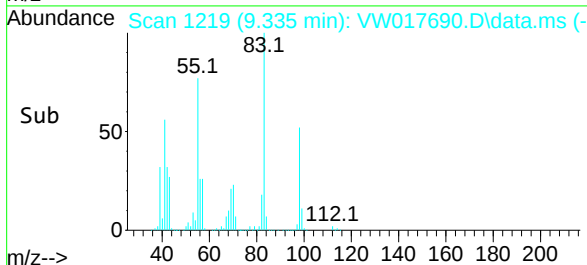
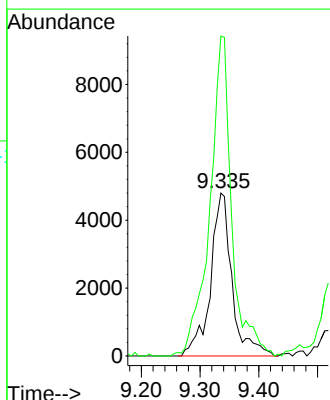
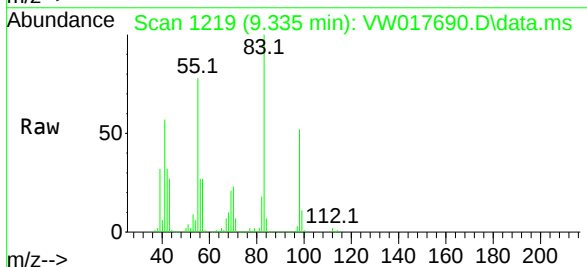
Instrument :
MSVOA_W
ClientSampleId :

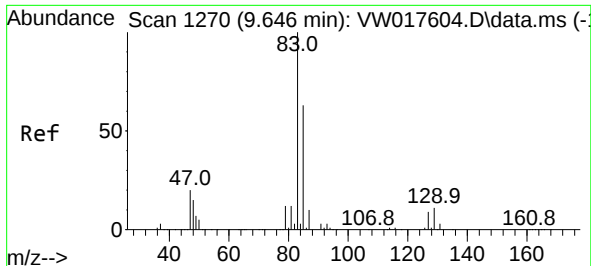
Tgt Ion: 43 Resp: 93547
Ion Ratio Lower Upper
43 100
61 0.3 27.5 41.3#
87 0.0 13.6 20.4#



#45
1,2-Dichloropropane
Concen: 6.00 ug/l
RT: 9.335 min Scan# 1219
Delta R.T. -0.037 min
Lab File: VW017690.D
Acq: 21 Dec 2020 16:52

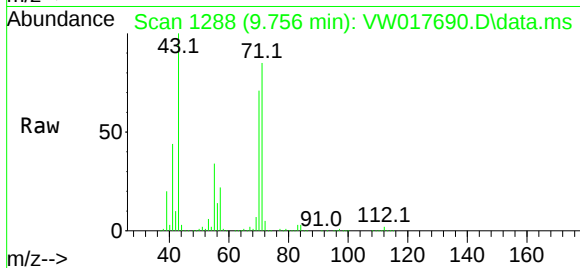
Tgt Ion: 63 Resp: 12187
Ion Ratio Lower Upper
63 100
65 195.3 25.1 37.7#



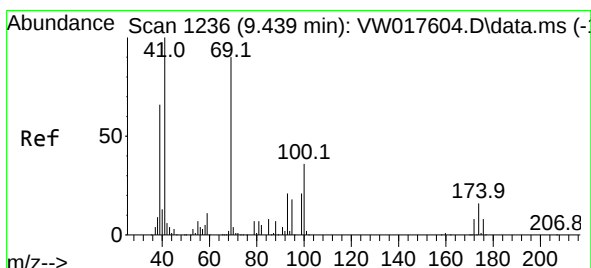
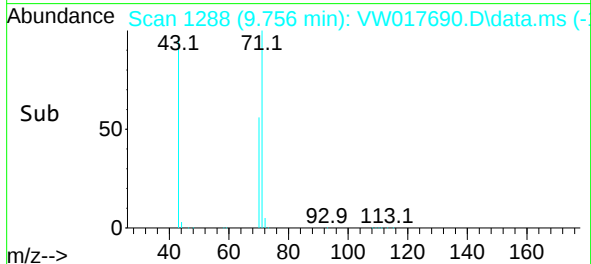
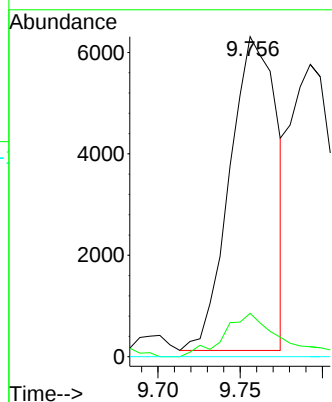


#47
Bromodichloromethane
Concen: 4.24 ug/l
RT: 9.756 min Scan# 1288
Delta R.T. 0.110 min
Lab File: VW017690.D
Acq: 21 Dec 2020 16:52

Instrument :
MSVOA_W
ClientSampleId :

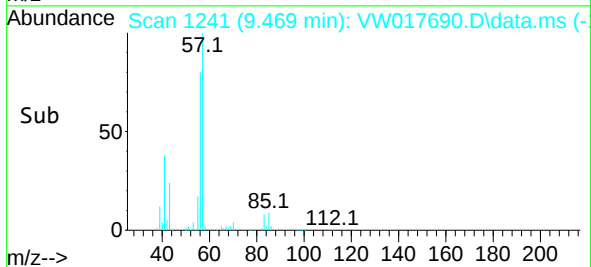
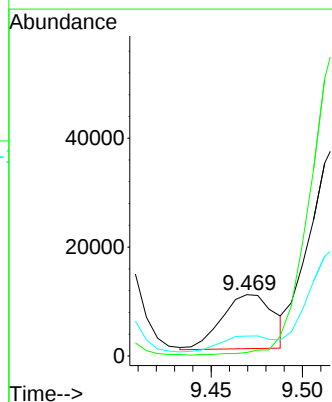
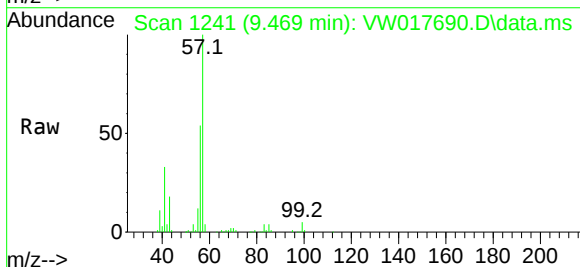


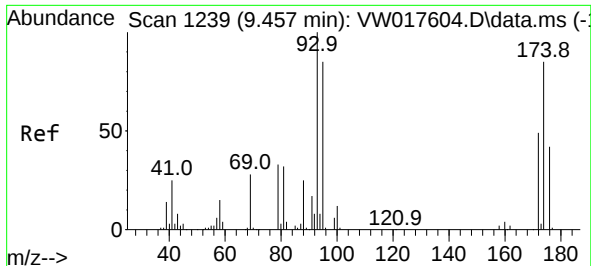
Tgt Ion: 83 Resp: 12275
Ion Ratio Lower Upper
83 100
85 13.8 52.7 79.1#
127 0.0 7.8 11.6#



#48
Methyl methacrylate
Concen: 16.54 ug/l
RT: 9.469 min Scan# 1241
Delta R.T. 0.030 min
Lab File: VW017690.D
Acq: 21 Dec 2020 16:52

Tgt Ion: 41 Resp: 19778
Ion Ratio Lower Upper
41 100
69 0.0 83.5 125.3#
39 0.0 50.9 76.3#

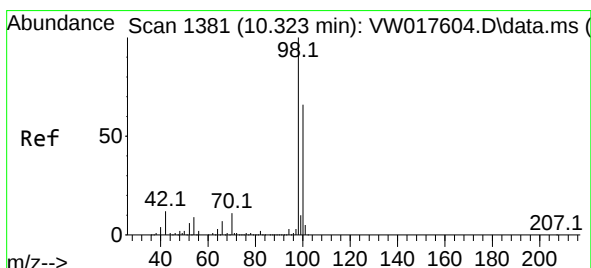
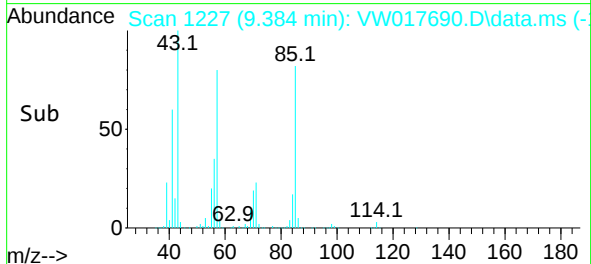
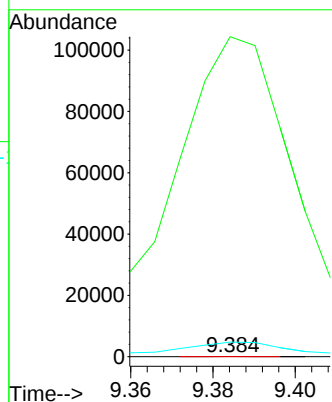
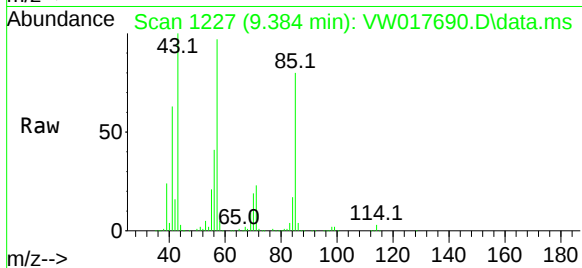




#49
1,4-Dioxane
Concen: 1.56 ug/l
RT: 9.384 min Scan# 1227
Delta R.T. -0.073 min
Lab File: VW017690.D
Acq: 21 Dec 2020 16:52

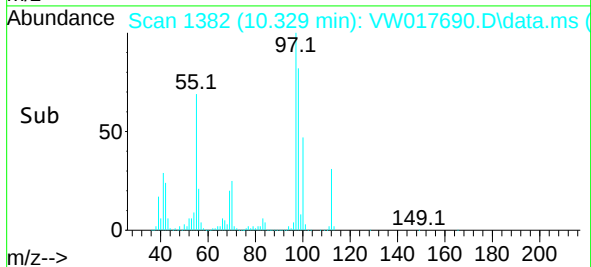
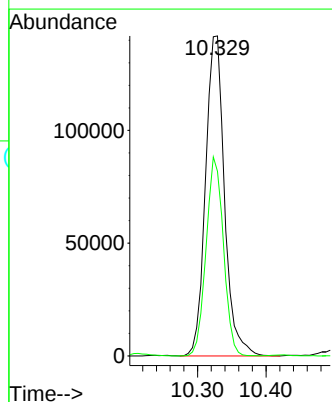
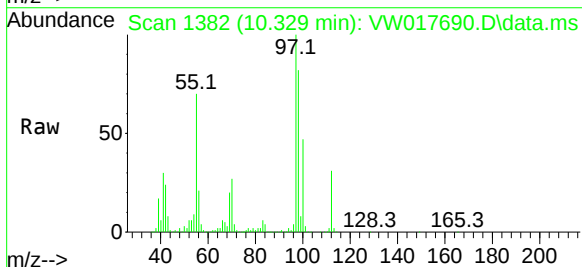
Instrument :
MSVOA_W
ClientSampleId :

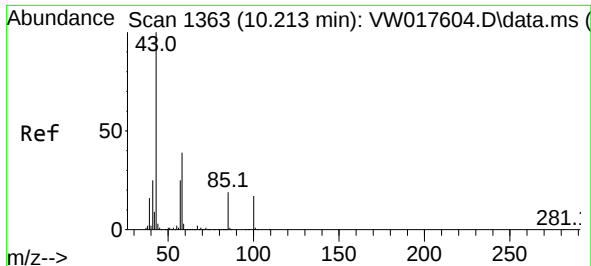
Tgt Ion: 88 Resp: 22
Ion Ratio Lower Upper
88 100
43 916513.6 0.0 0.0#
58 39786.4 54.0 81.0#



#50
Toluene-d8
Concen: 35.74 ug/l
RT: 10.329 min Scan# 1382
Delta R.T. 0.006 min
Lab File: VW017690.D
Acq: 21 Dec 2020 16:52

Tgt Ion: 98 Resp: 273501
Ion Ratio Lower Upper
98 100
100 56.8 53.3 79.9

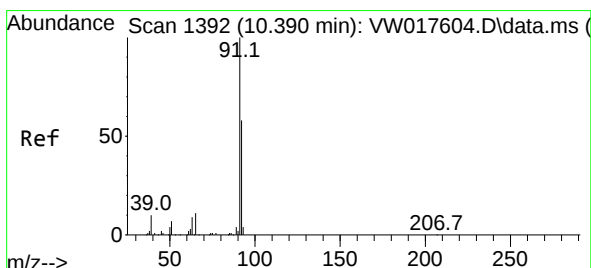
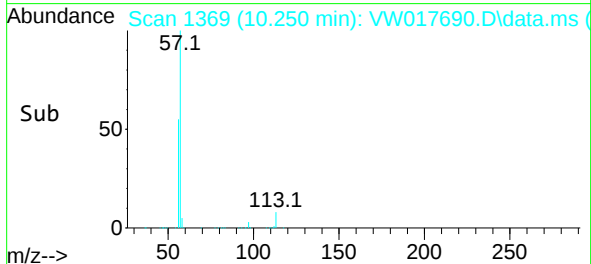
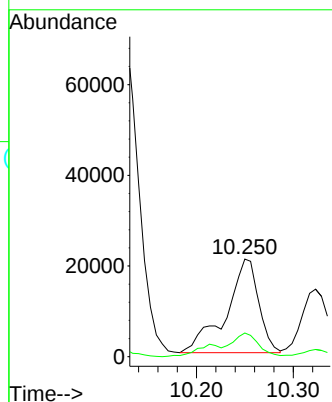
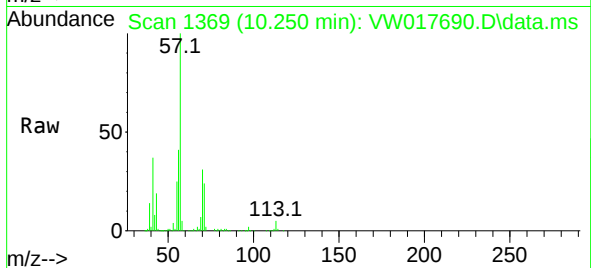




#51
4-Methyl-2-Pentanone
Concen: 39.95 ug/l
RT: 10.250 min Scan# 1369
Delta R.T. 0.037 min
Lab File: VW017690.D
Acq: 21 Dec 2020 16:52

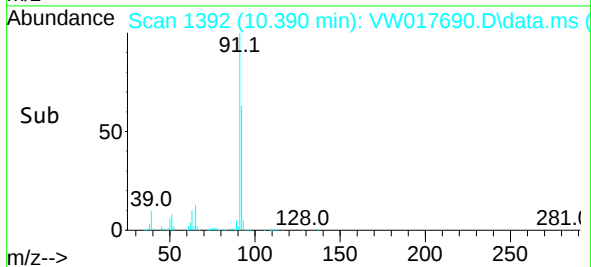
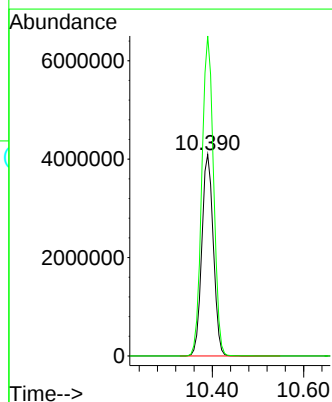
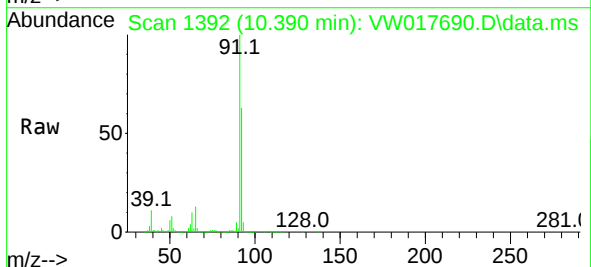
Instrument :
MSVOA_W
ClientSampleId :

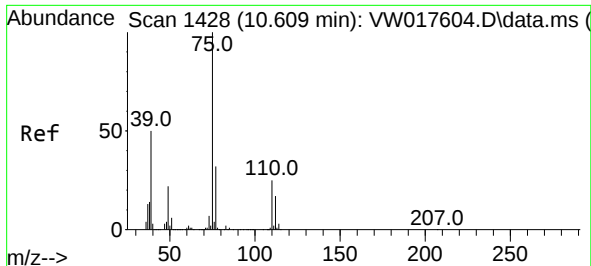
Tgt Ion: 43 Resp: 48467
Ion Ratio Lower Upper
43 100
58 19.5 34.7 52.1#



#52
Toluene
Concen: 1322.38 ug/l
RT: 10.390 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VW017690.D
Acq: 21 Dec 2020 16:52

Tgt Ion: 92 Resp: 7123295
Ion Ratio Lower Upper
92 100
91 161.9 134.7 202.1

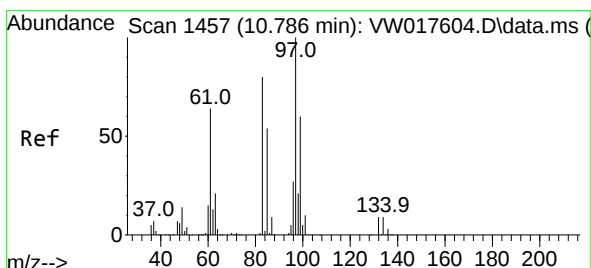
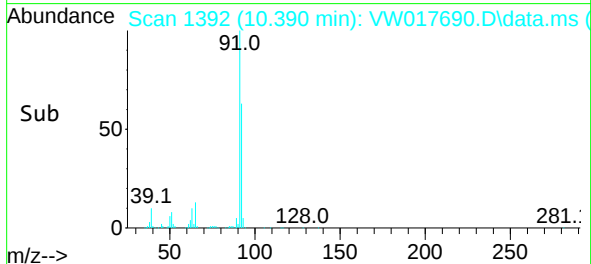
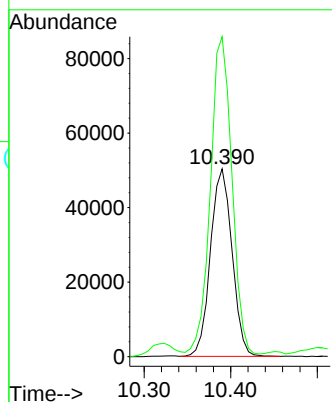
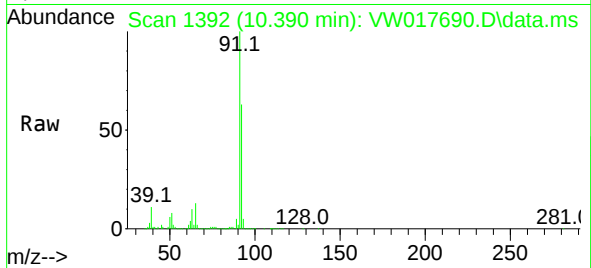




#53
t-1,3-Dichloropropene
Concen: 29.35 ug/l
RT: 10.390 min Scan# 1392
Delta R.T. -0.219 min
Lab File: VW017690.D
Acq: 21 Dec 2020 16:52

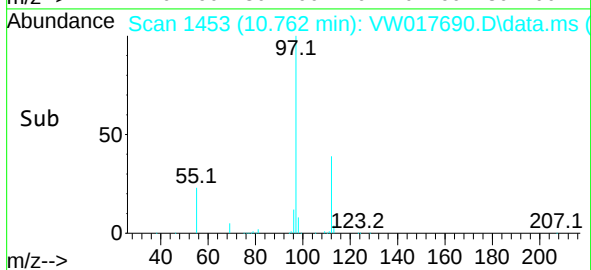
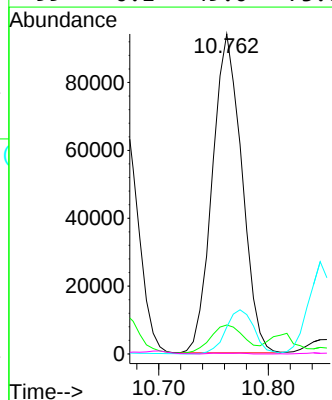
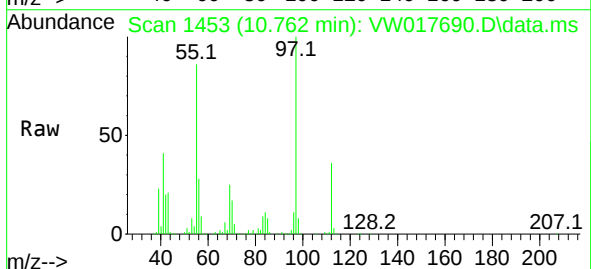
Instrument :
MSVOA_W
ClientSampled :

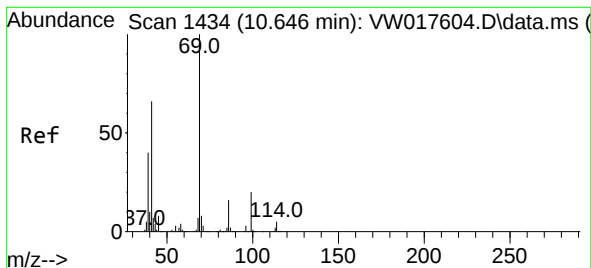
Tgt Ion: 75 Resp: 87041
Ion Ratio Lower Upper
75 100
77 168.1 24.8 37.2#



#55
1,1,2-Trichloroethane
Concen: 115.31 ug/l
RT: 10.762 min Scan# 1453
Delta R.T. -0.024 min
Lab File: VW017690.D
Acq: 21 Dec 2020 16:52

Tgt Ion: 97 Resp: 175358
Ion Ratio Lower Upper
97 100
83 8.8 64.6 97.0#
85 8.4 40.6 61.0#
99 0.1 49.0 73.6#

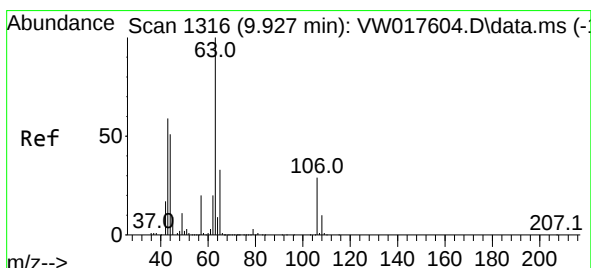
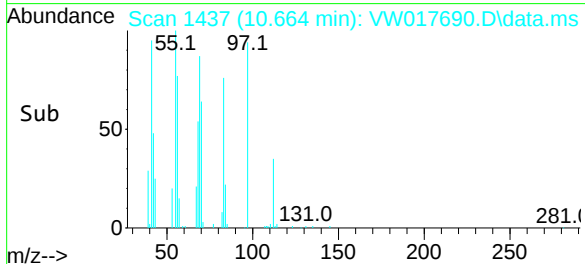
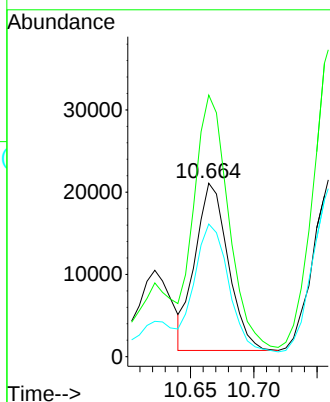
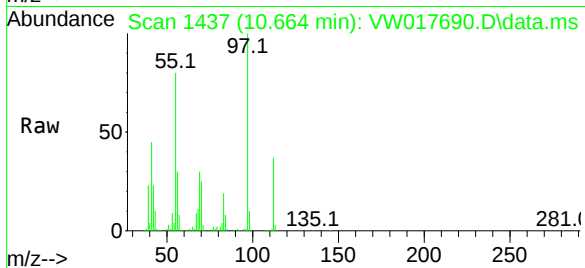




#56
Ethyl methacrylate
Concen: 18.72 ug/l
RT: 10.664 min Scan# 1437
Delta R.T. 0.018 min
Lab File: VW017690.D
Acq: 21 Dec 2020 16:52

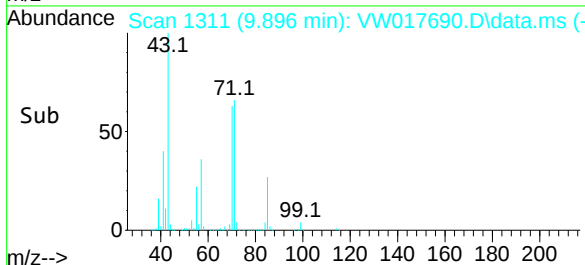
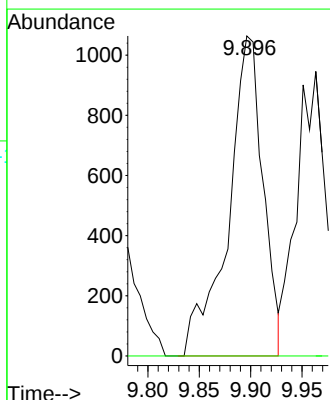
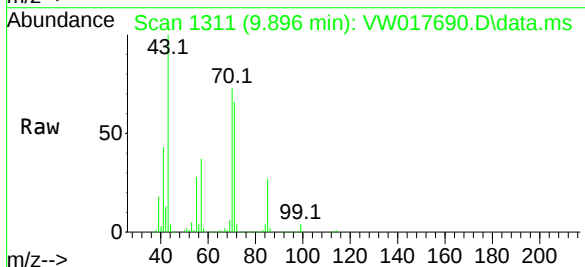
Instrument :
MSVOA_W
ClientSampleId :

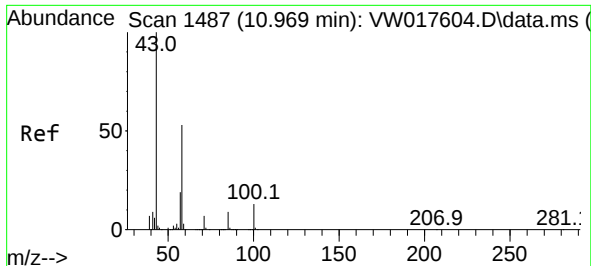
Tgt Ion: 69 Resp: 36787
Ion Ratio Lower Upper
69 100
41 156.1 46.3 69.5#
39 0.0 25.9 38.9#



#58
2-Chloroethyl Vinyl ether
Concen: 2.67 ug/l
RT: 9.896 min Scan# 1311
Delta R.T. -0.031 min
Lab File: VW017690.D
Acq: 21 Dec 2020 16:52

Tgt Ion: 63 Resp: 2512
Ion Ratio Lower Upper
63 100
106 0.0 27.0 40.4#

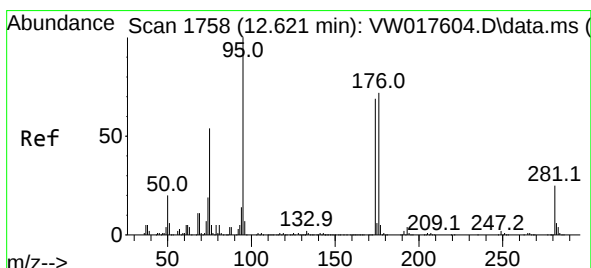
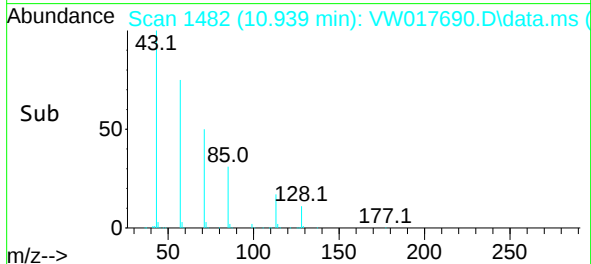
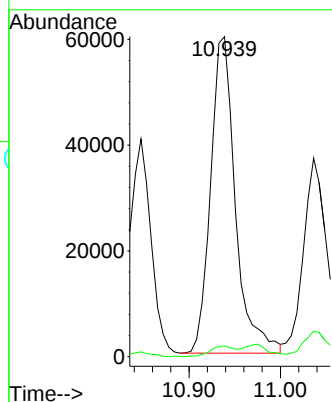
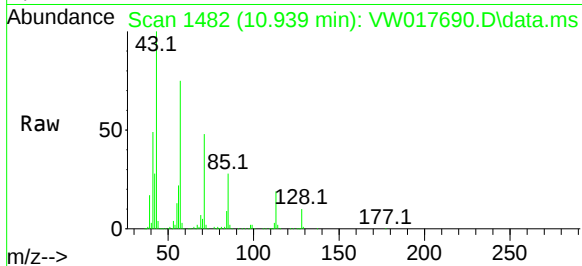




#59
2-Hexanone
Concen: 138.75 ug/l
RT: 10.939 min Scan# 1482
Delta R.T. -0.030 min
Lab File: VW017690.D
Acq: 21 Dec 2020 16:52

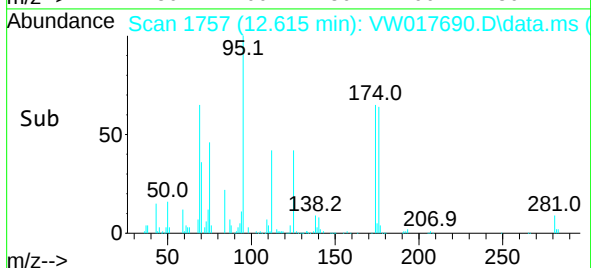
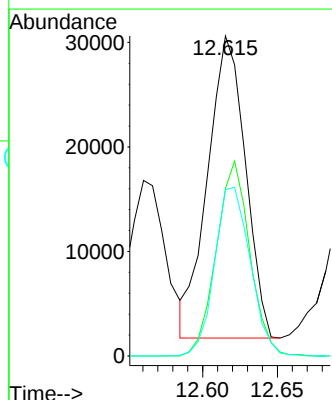
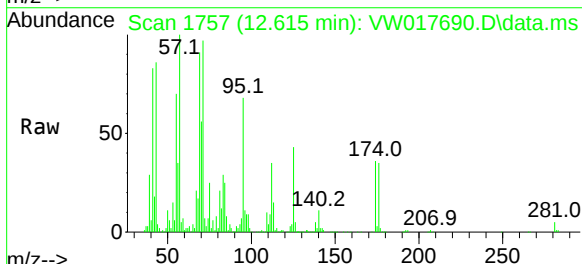
Instrument :
MSVOA_W
ClientSampleId :

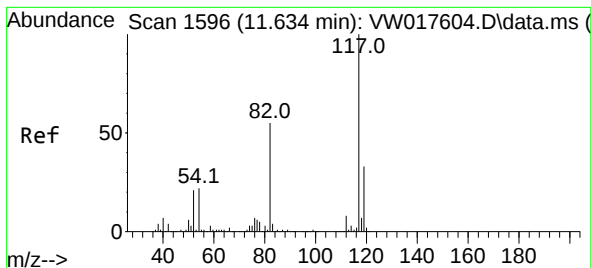
Tgt Ion: 43 Resp: 112628
Ion Ratio Lower Upper
43 100
58 3.3 29.5 88.5#



#62
4-Bromofluorobenzene
Concen: 18.53 ug/l
RT: 12.615 min Scan# 1757
Delta R.T. -0.006 min
Lab File: VW017690.D
Acq: 21 Dec 2020 16:52

Tgt Ion: 95 Resp: 50618
Ion Ratio Lower Upper
95 100
174 57.5 0.0 180.6
176 53.0 0.0 177.6

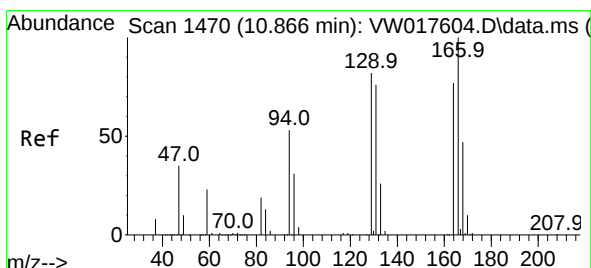
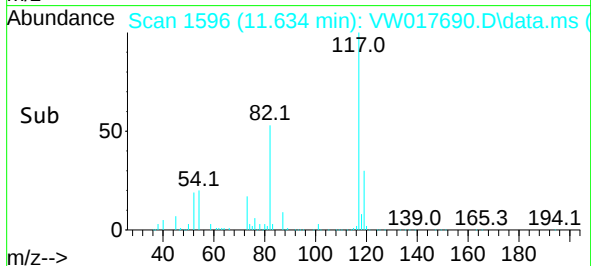
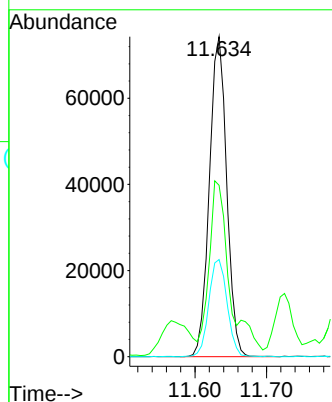
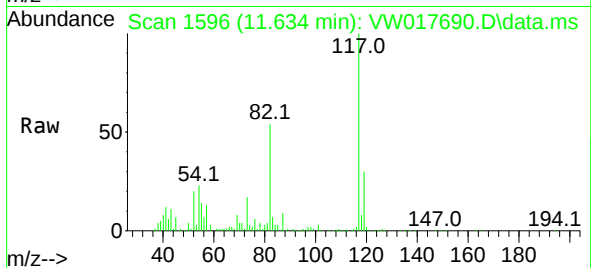




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.634 min Scan# 1596
Delta R.T. -0.000 min
Lab File: VW017690.D
Acq: 21 Dec 2020 16:52

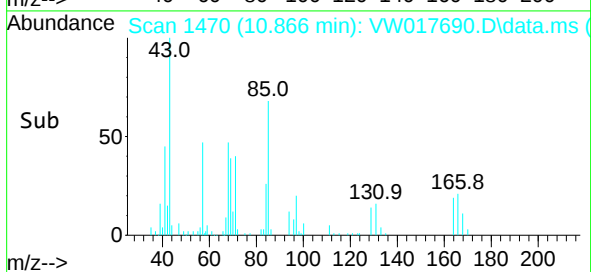
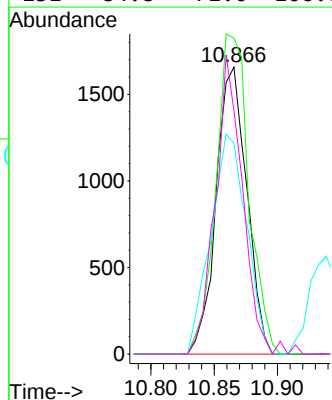
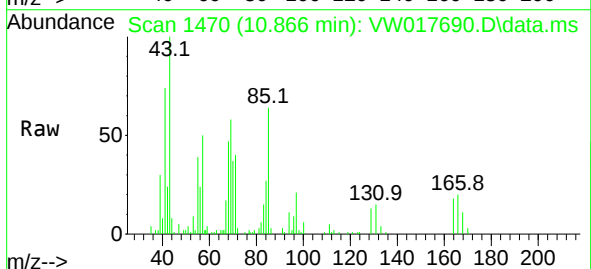
Instrument :
MSVOA_W
ClientSampleId :

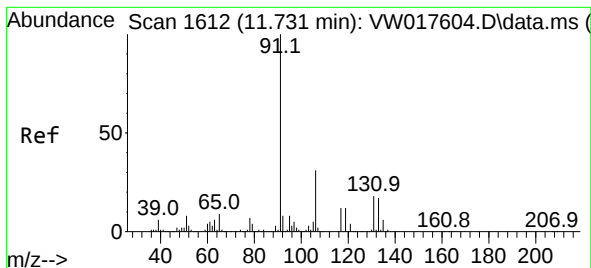
Tgt Ion:117 Resp: 124987
Ion Ratio Lower Upper
117 100
82 43.5 40.7 61.1
119 30.4 25.0 37.4



#64
Tetrachloroethene
Concen: 3.28 ug/l
RT: 10.866 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VW017690.D
Acq: 21 Dec 2020 16:52

Tgt Ion:164 Resp: 2794
Ion Ratio Lower Upper
164 100
166 110.1 105.3 157.9
129 73.5 68.8 103.2
131 84.8 71.0 106.6

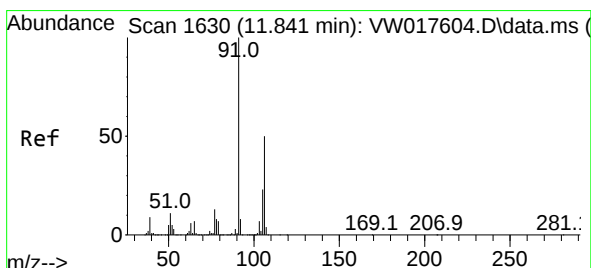
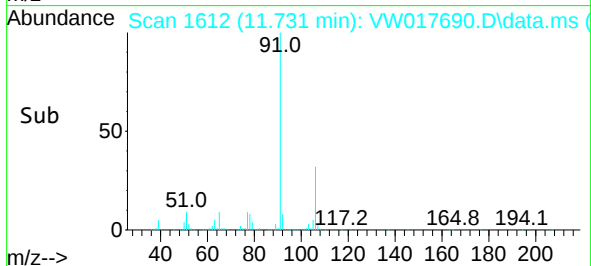
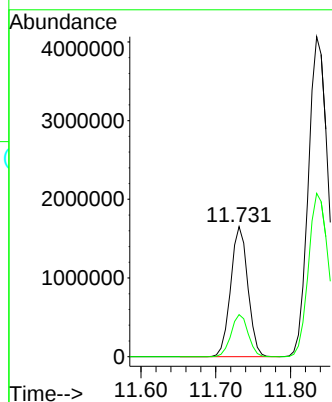
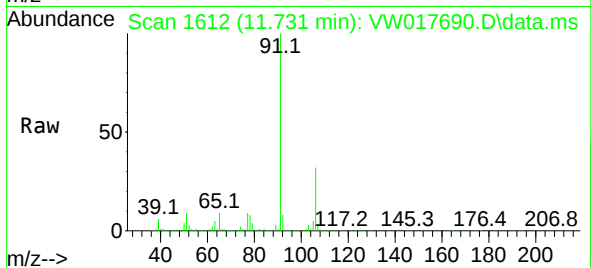




#67
Ethyl Benzene
Concen: 528.20 ug/l
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW017690.D
Acq: 21 Dec 2020 16:52

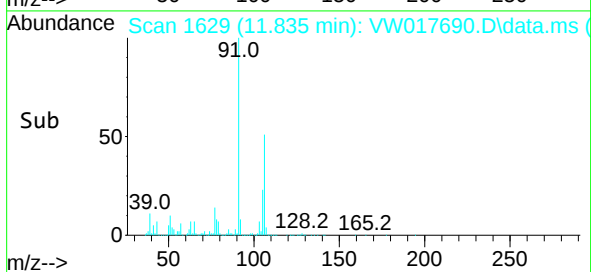
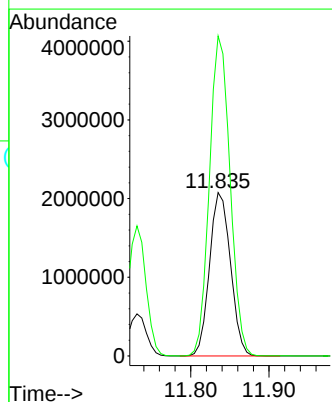
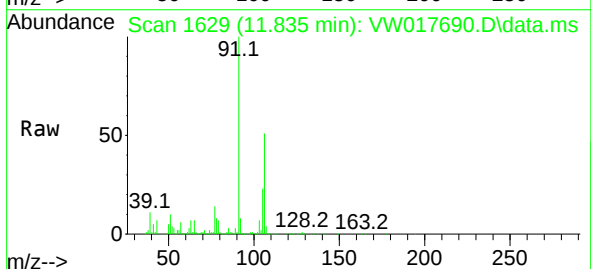
Instrument :
MSVOA_W
ClientSampleId :

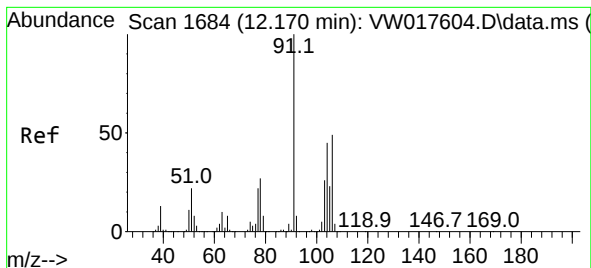
Tgt Ion: 91 Resp: 2637070
Ion Ratio Lower Upper
91 100
106 32.4 25.9 38.9



#68
m/p-Xylenes
Concen: 2022.87 ug/l
RT: 11.835 min Scan# 1629
Delta R.T. -0.006 min
Lab File: VW017690.D
Acq: 21 Dec 2020 16:52

Tgt Ion:106 Resp: 3851299
Ion Ratio Lower Upper
106 100
91 193.6 157.4 236.0

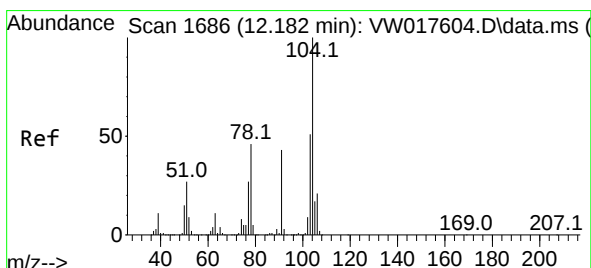
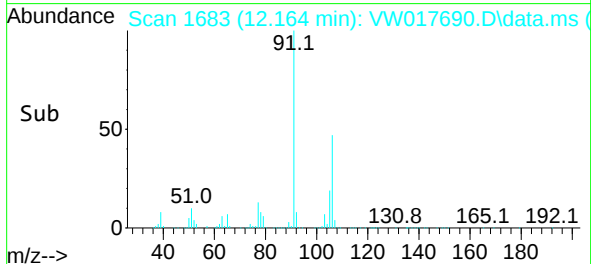
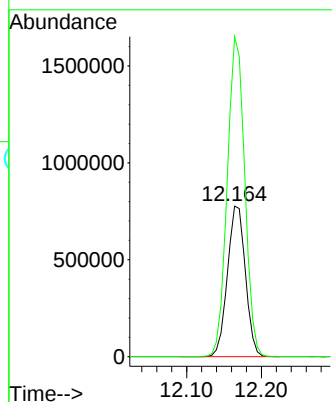
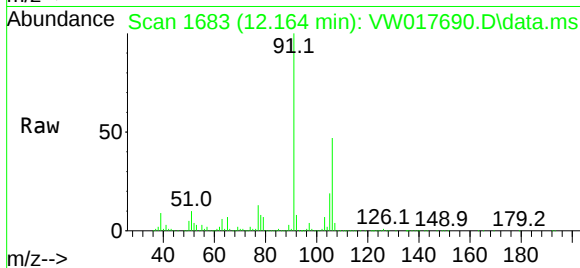




#69
o-Xylene
Concen: 723.31 ug/l
RT: 12.164 min Scan# 1683
Delta R.T. -0.006 min
Lab File: VW017690.D
Acq: 21 Dec 2020 16:52

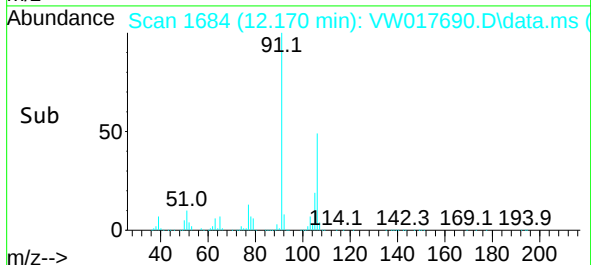
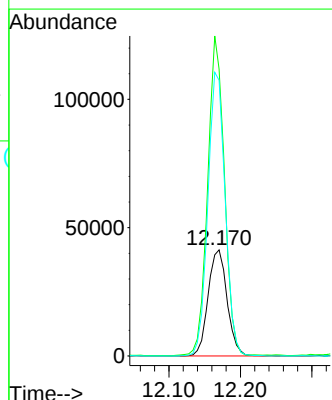
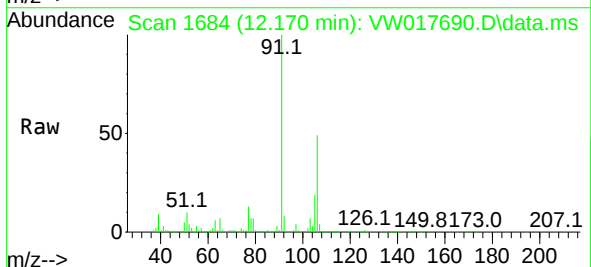
Instrument :
MSVOA_W
ClientSampled :

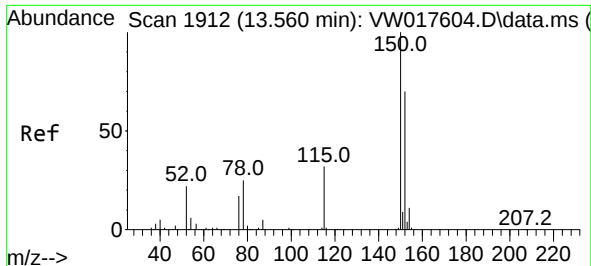
Tgt Ion:106 Resp: 1298794
Ion Ratio Lower Upper
106 100
91 207.3 103.6 310.9



#70
Styrene
Concen: 25.42 ug/l
RT: 12.170 min Scan# 1684
Delta R.T. -0.012 min
Lab File: VW017690.D
Acq: 21 Dec 2020 16:52

Tgt Ion:104 Resp: 76235
Ion Ratio Lower Upper
104 100
78 265.6 37.6 56.4#
103 243.7 43.6 65.4#

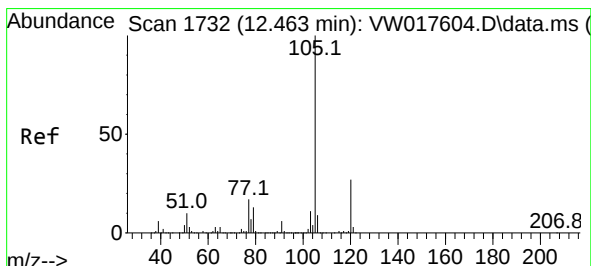
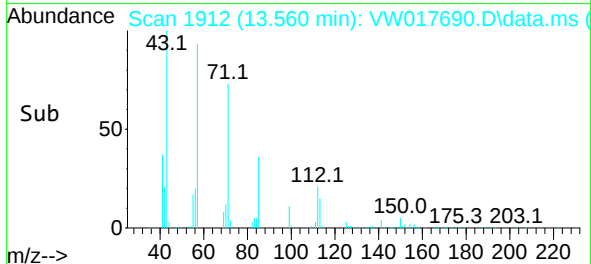
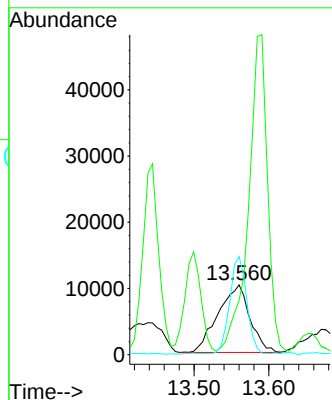
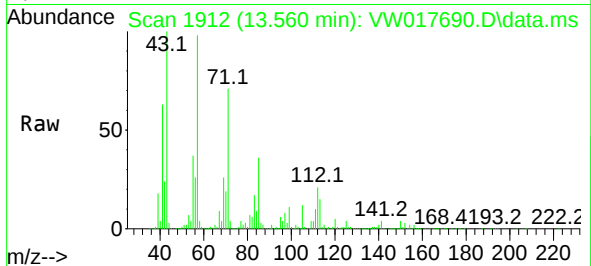




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.560 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VW017690.D
Acq: 21 Dec 2020 16:52

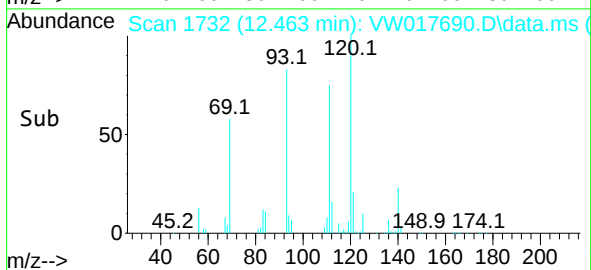
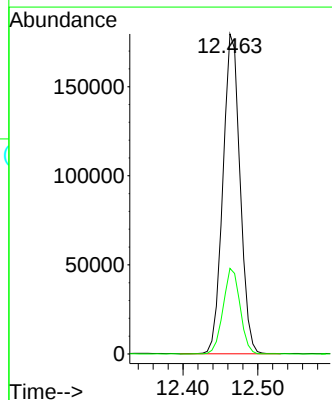
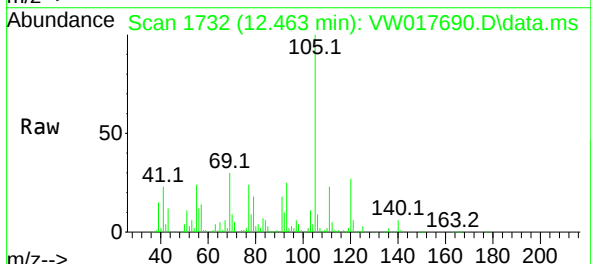
Instrument :
MSVOA_W
ClientSampleId :

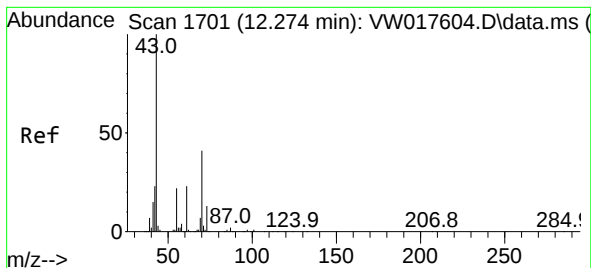
Tgt Ion:152 Resp: 30218
Ion Ratio Lower Upper
152 100
115 0.0 27.9 83.7#
150 76.7 0.0 344.0



#73
Isopropylbenzene
Concen: 119.81 ug/l
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW017690.D
Acq: 21 Dec 2020 16:52

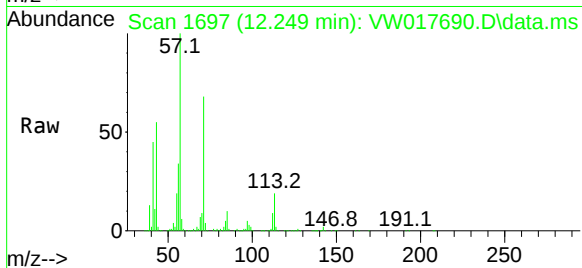
Tgt Ion:105 Resp: 286265
Ion Ratio Lower Upper
105 100
120 26.5 13.6 40.7



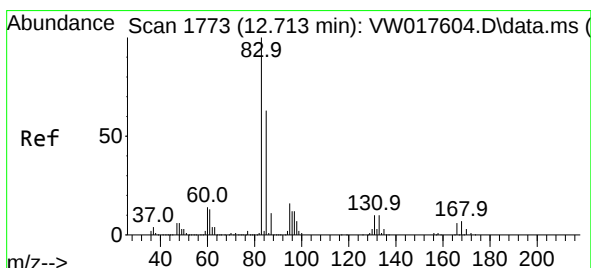
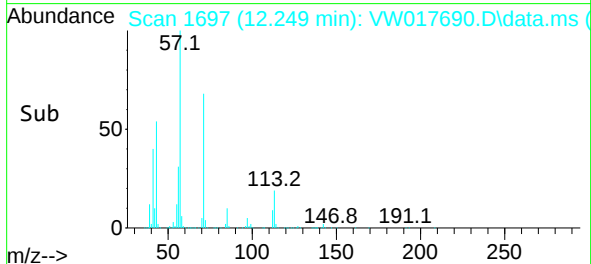
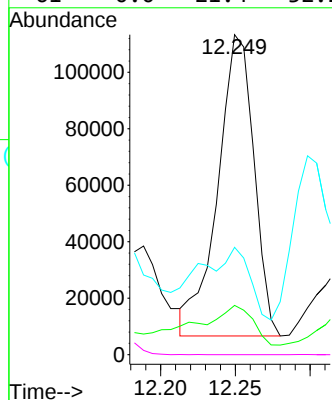


#74
N-amy1 acetate
Concen: 358.58 ug/l
RT: 12.249 min Scan# 1697
Delta R.T. -0.025 min
Lab File: VW017690.D
Acq: 21 Dec 2020 16:52

Instrument :
MSVOA_W
ClientSampled :

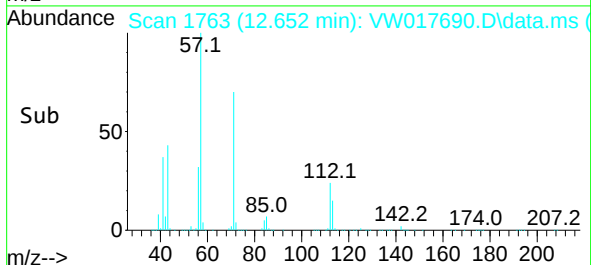
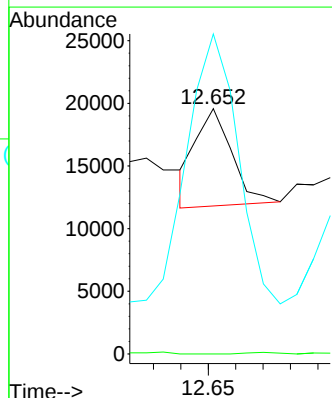
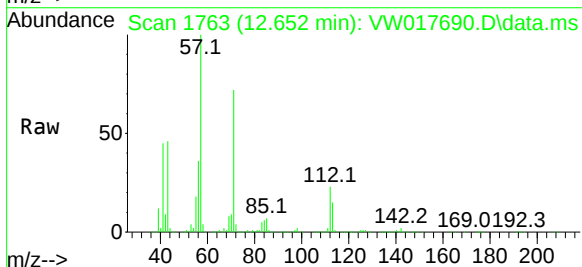


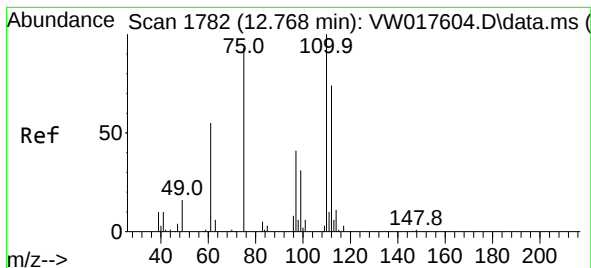
Tgt Ion:	43	Resp:	179697
Ion Ratio	100	Lower	Upper
43	100		
70	20.4	40.2	60.4#
55	33.9	21.4	32.0#
61	0.0	21.4	32.2#



#75
1,1,2,2-Tetrachloroethane
Concen: 18.03 ug/l
RT: 12.652 min Scan# 1763
Delta R.T. -0.061 min
Lab File: VW017690.D
Acq: 21 Dec 2020 16:52

Tgt Ion:	83	Resp:	7185
Ion Ratio	100	Lower	Upper
83	100		
131	1.3	6.1	18.3#
85	512.1	32.7	98.1#

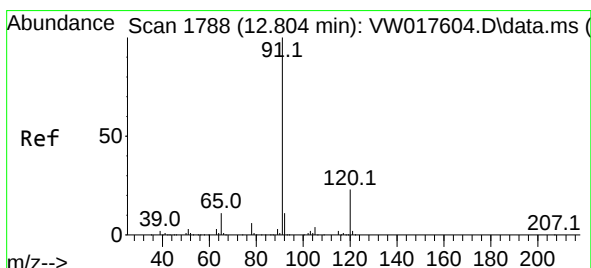
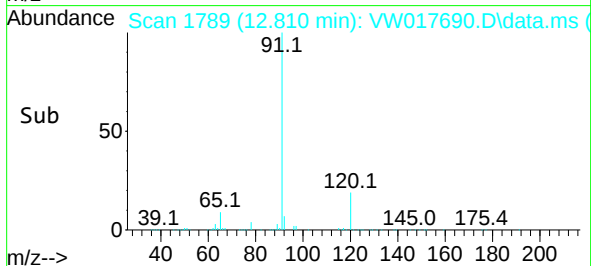
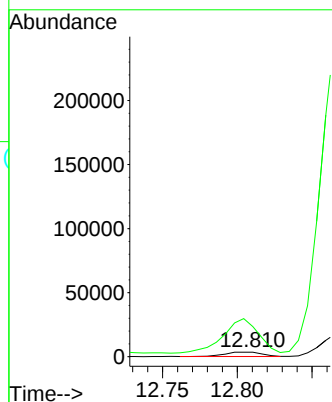
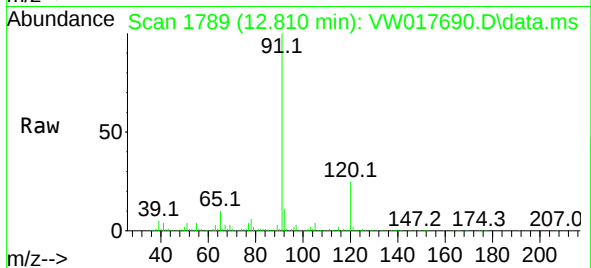




#76
1,2,3-Trichloropropane
Concen: 20.92 ug/l
RT: 12.810 min Scan# 1789
Delta R.T. 0.042 min
Lab File: VW017690.D
Acq: 21 Dec 2020 16:52

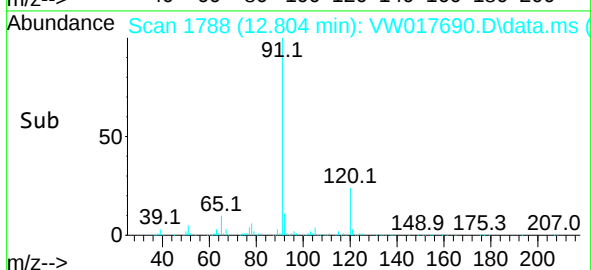
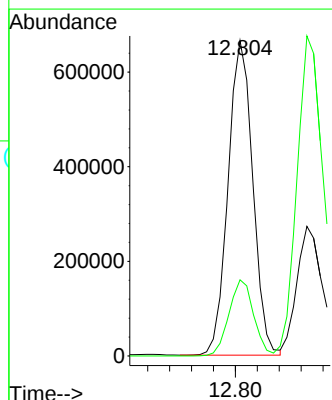
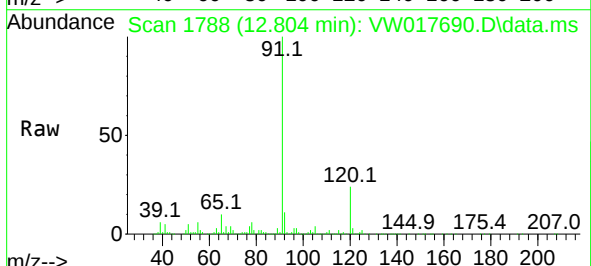
Instrument :
MSVOA_W
ClientSampled :

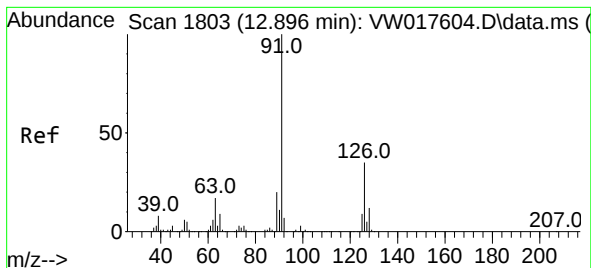
Tgt Ion: 75 Resp: 6085
Ion Ratio Lower Upper
75 100
77 721.4 178.8 536.3#



#78
n-propylbenzene
Concen: 366.66 ug/l
RT: 12.804 min Scan# 1788
Delta R.T. 0.000 min
Lab File: VW017690.D
Acq: 21 Dec 2020 16:52

Tgt Ion: 91 Resp: 1040276
Ion Ratio Lower Upper
91 100
120 24.2 12.0 36.1

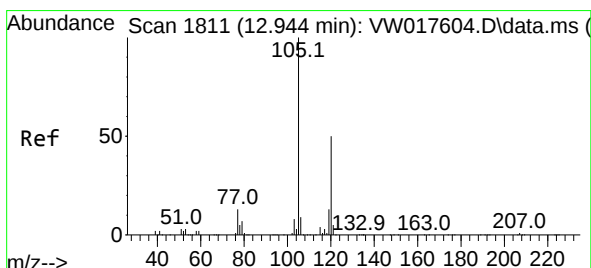
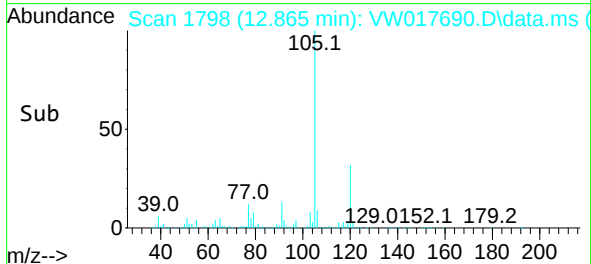
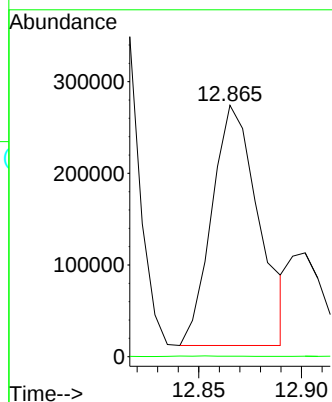
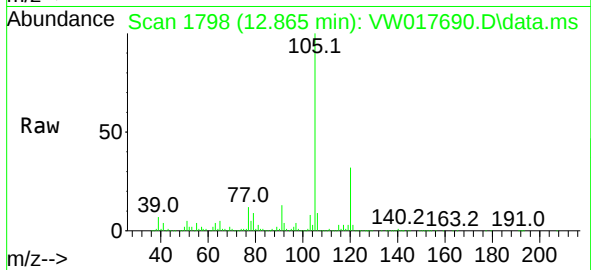




#79
2-Chlorotoluene
Concen: 263.17 ug/l
RT: 12.865 min Scan# 1798
Delta R.T. -0.031 min
Lab File: VW017690.D
Acq: 21 Dec 2020 16:52

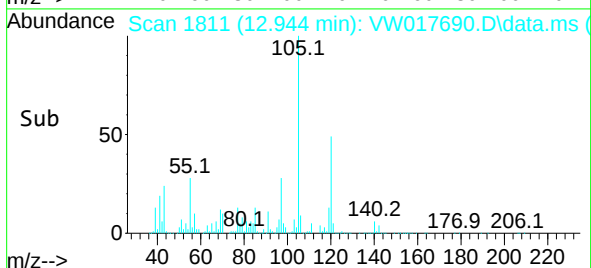
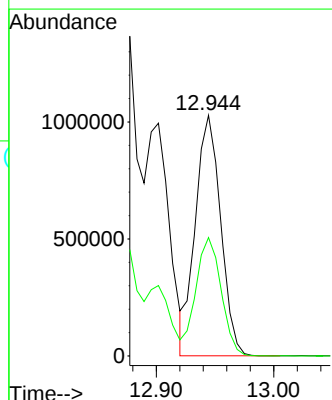
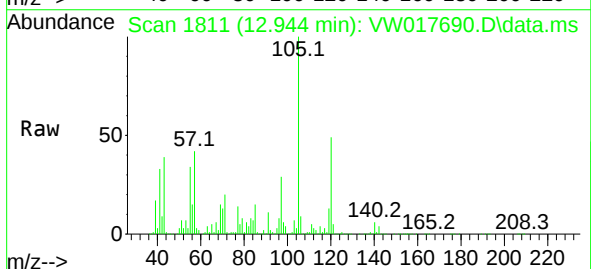
Instrument :
MSVOA_W
ClientSampled :

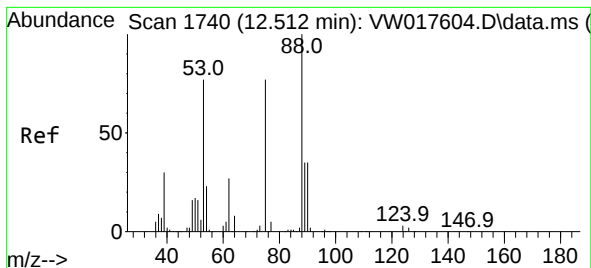
Tgt Ion: 91 Resp: 416249
Ion Ratio Lower Upper
91 100
126 0.2 17.9 53.8#



#80
1,3,5-Trimethylbenzene
Concen: 759.86 ug/l
RT: 12.944 min Scan# 1811
Delta R.T. 0.000 min
Lab File: VW017690.D
Acq: 21 Dec 2020 16:52

Tgt Ion: 105 Resp: 1536656
Ion Ratio Lower Upper
105 100
120 49.5 24.9 74.8

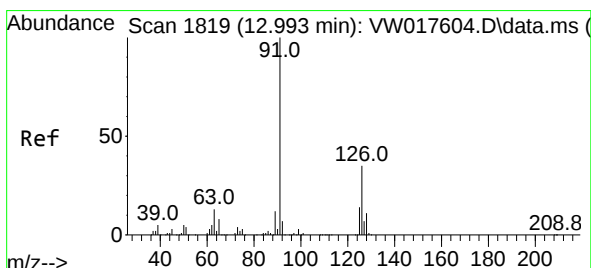
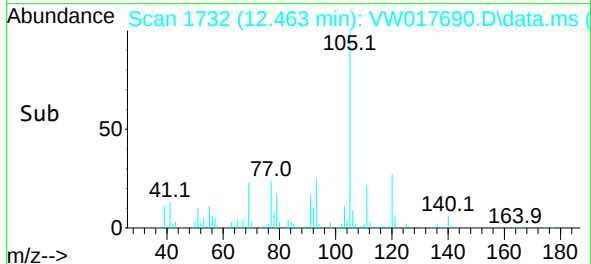
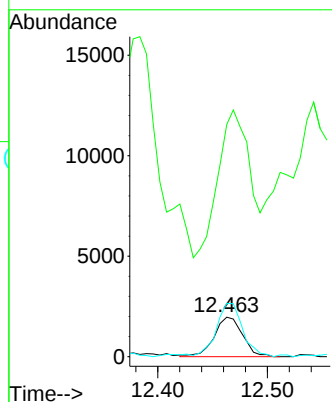
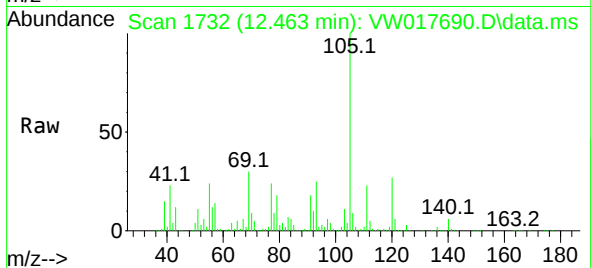




#81
trans-1,4-Dichloro-2-butene
Concen: 24.68 ug/l
RT: 12.463 min Scan# 1732
Delta R.T. -0.049 min
Lab File: VW017690.D
Acq: 21 Dec 2020 16:52

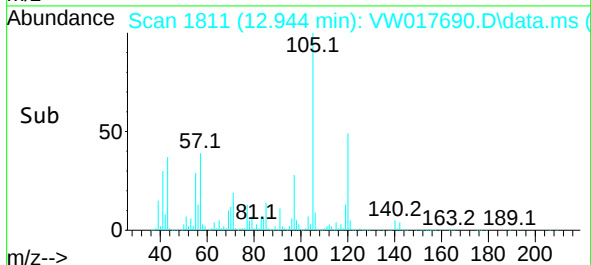
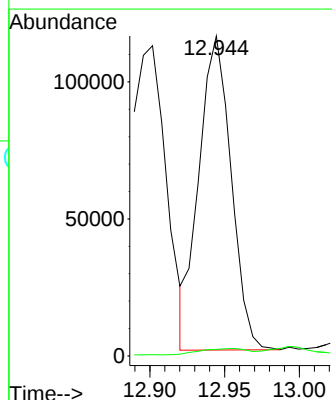
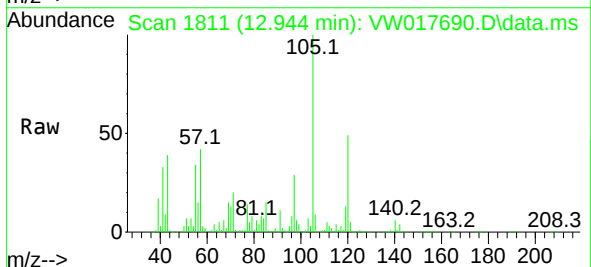
Instrument :
MSVOA_W
ClientSampleId :

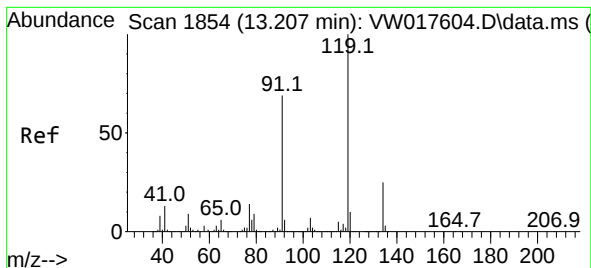
Tgt Ion: 75 Resp: 3544
Ion Ratio Lower Upper
75 100
53 507.6 77.0 115.4#
89 124.6 38.7 58.1#



#82
4-Chlorotoluene
Concen: 102.74 ug/l
RT: 12.944 min Scan# 1811
Delta R.T. -0.049 min
Lab File: VW017690.D
Acq: 21 Dec 2020 16:52

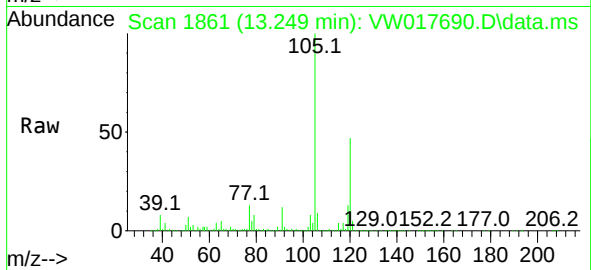
Tgt Ion: 91 Resp: 171502
Ion Ratio Lower Upper
91 100
126 3.1 18.1 54.3#



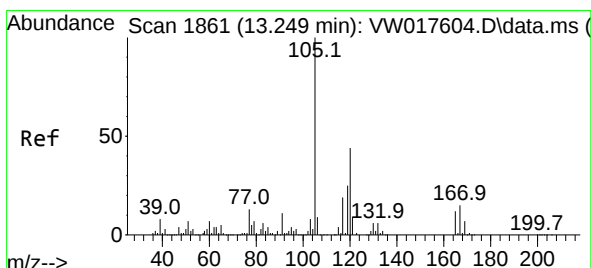
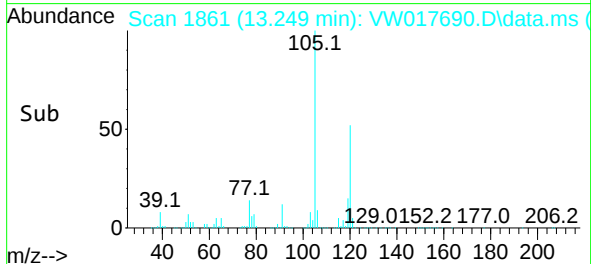
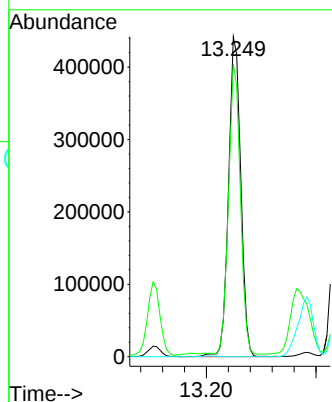


#83
tert-Butylbenzene
Concen: 397.09 ug/l
RT: 13.249 min Scan# 1861
Delta R.T. 0.042 min
Lab File: VW017690.D
Acq: 21 Dec 2020 16:52

Instrument :
MSVOA_W
ClientSampled :

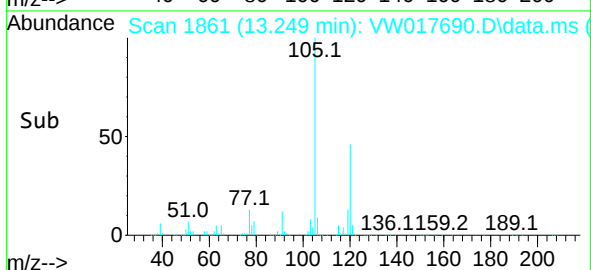
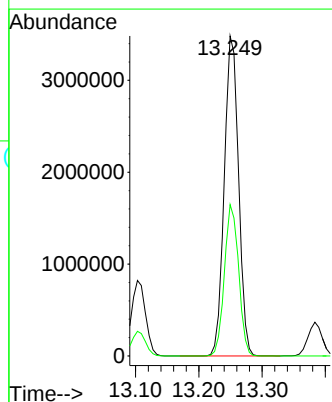
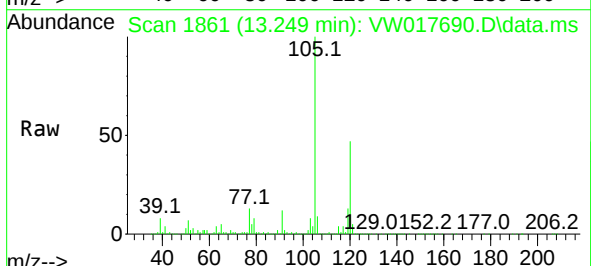


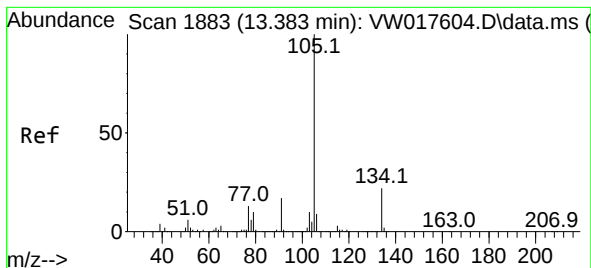
Tgt Ion:119 Resp: 686783
Ion Ratio Lower Upper
119 100
91 87.7 31.3 93.9
134 0.0 14.0 42.0#



#84
1,2,4-Trimethylbenzene
Concen: 2731.07 ug/l
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW017690.D
Acq: 21 Dec 2020 16:52

Tgt Ion:105 Resp: 5439621
Ion Ratio Lower Upper
105 100
120 47.0 23.4 70.0

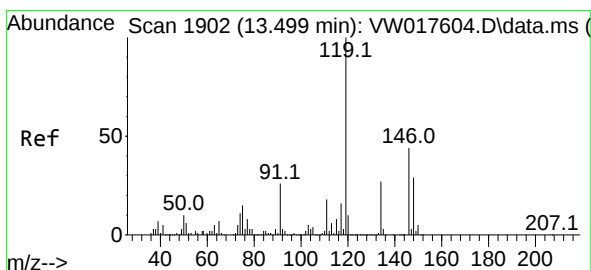
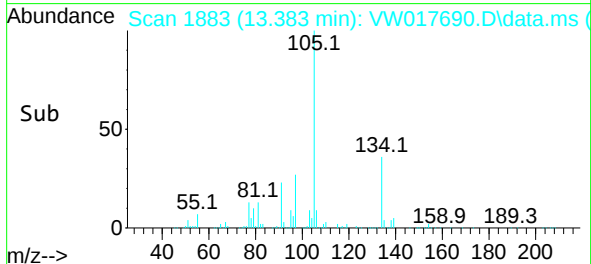
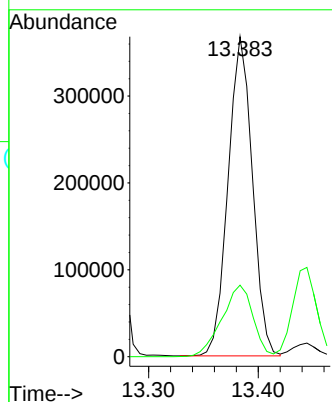
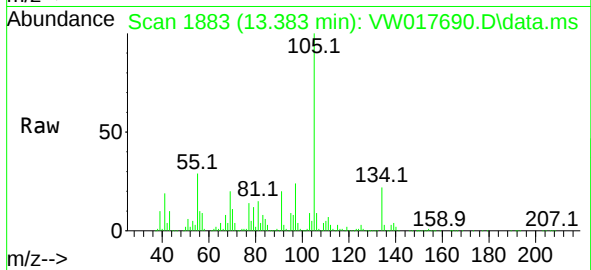




#85
 sec-Butylbenzene
 Concen: 233.26 ug/l
 RT: 13.383 min Scan# 1883
 Delta R.T. 0.000 min
 Lab File: VW017690.D
 Acq: 21 Dec 2020 16:52

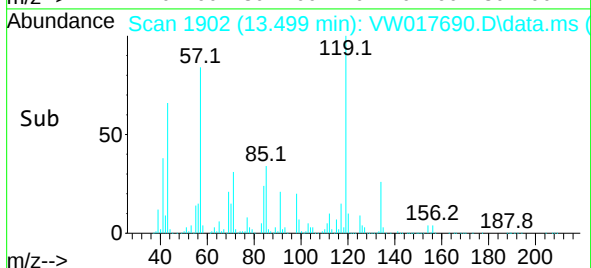
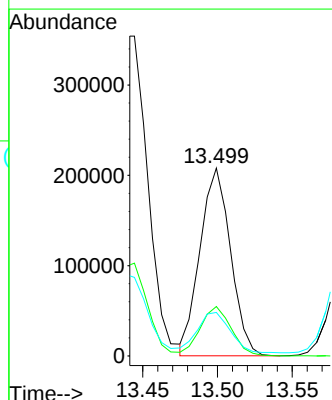
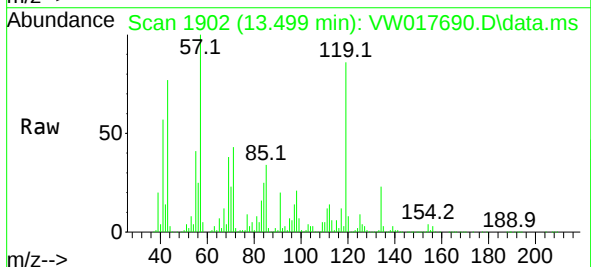
Instrument :
 MSVOA_W
 ClientSampleId :

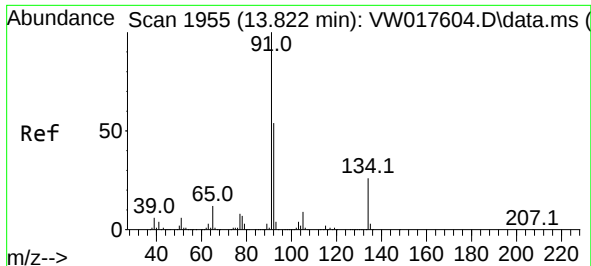
Tgt Ion:105 Resp: 566591
 Ion Ratio Lower Upper
 105 100
 134 28.6 10.6 31.8



#86
 p-Isopropyltoluene
 Concen: 135.01 ug/l
 RT: 13.499 min Scan# 1902
 Delta R.T. 0.000 min
 Lab File: VW017690.D
 Acq: 21 Dec 2020 16:52

Tgt Ion:119 Resp: 296040
 Ion Ratio Lower Upper
 119 100
 134 26.8 13.8 41.3
 91 23.6 11.3 33.9

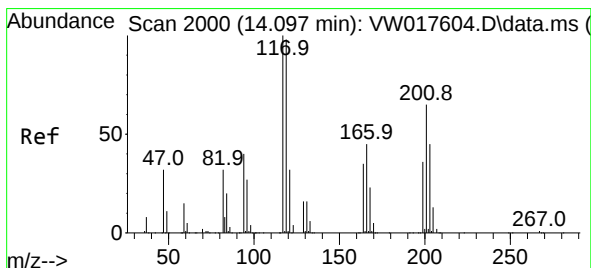
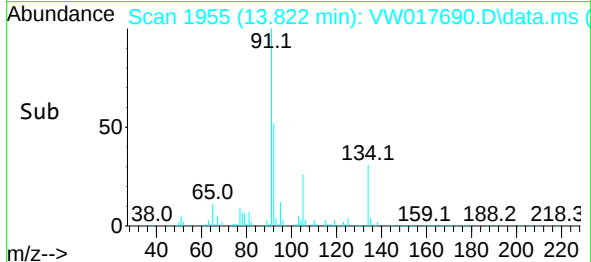
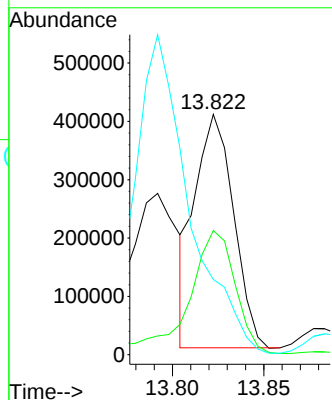
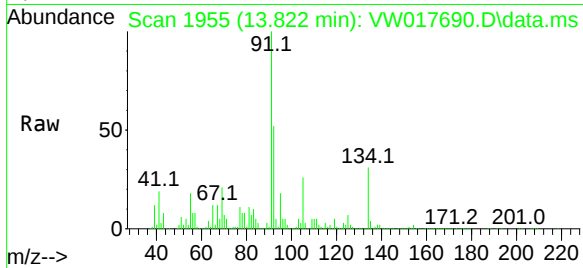




#89
n-Butylbenzene
Concen: 273.05 ug/l
RT: 13.822 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VW017690.D
Acq: 21 Dec 2020 16:52

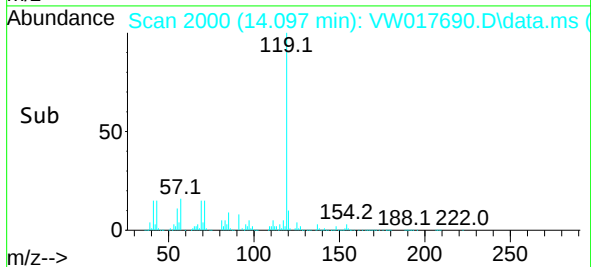
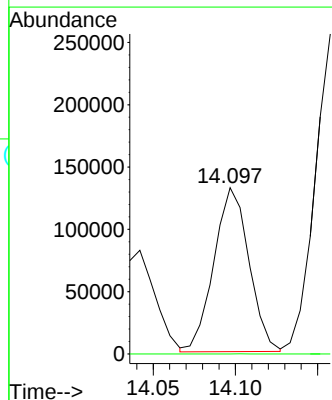
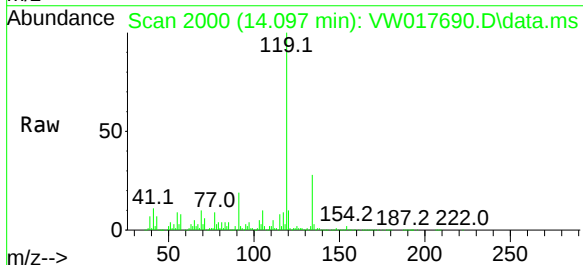
Instrument :
MSVOA_W
ClientSampleId :

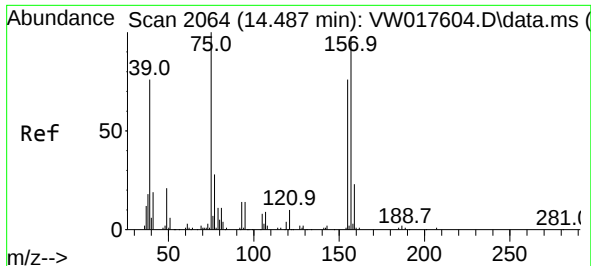
Tgt Ion: 91 Resp: 588343
Ion Ratio Lower Upper
91 100
92 62.6 26.6 79.7
134 0.0 14.3 42.9#



#90
Hexachloroethane
Concen: 453.69 ug/l
RT: 14.097 min Scan# 2000
Delta R.T. -0.000 min
Lab File: VW017690.D
Acq: 21 Dec 2020 16:52

Tgt Ion: 117 Resp: 195451
Ion Ratio Lower Upper
117 100
201 0.0 41.9 125.7#

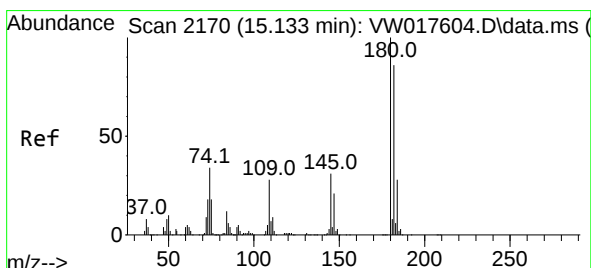
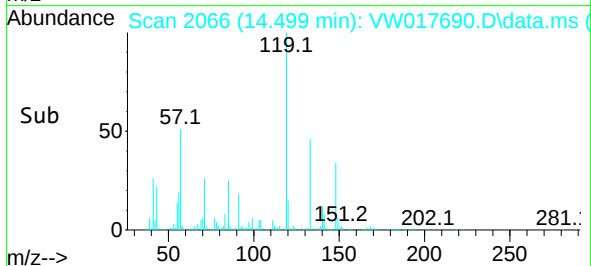
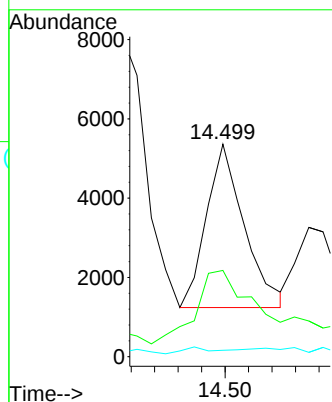
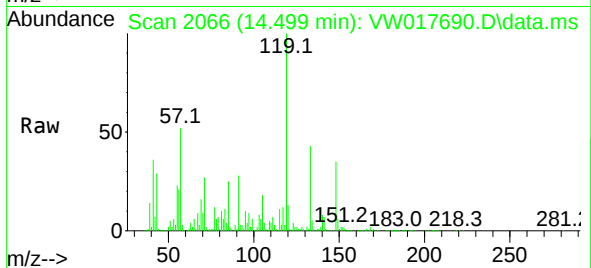




#92
1,2-Dibromo-3-Chloropropane
Concen: 63.66 ug/l
RT: 14.499 min Scan# 2066
Delta R.T. 0.012 min
Lab File: VW017690.D
Acq: 21 Dec 2020 16:52

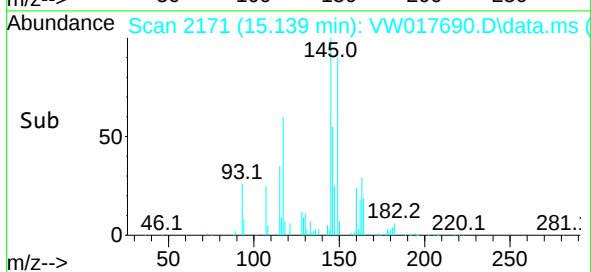
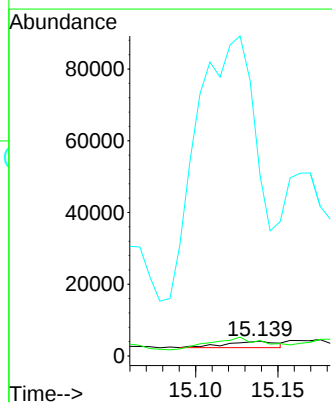
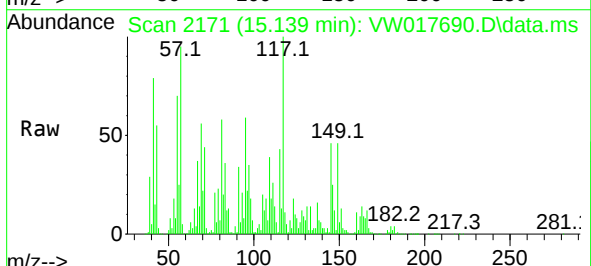
Instrument :
MSVOA_W
ClientSampled :

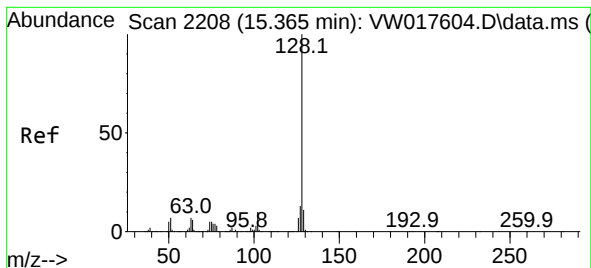
Tgt Ion: 75 Resp: 4617
Ion Ratio Lower Upper
75 100
155 80.9 47.6 142.8
157 3.2 62.2 186.6#



#93
1,2,4-Trichlorobenzene
Concen: 6.57 ug/l
RT: 15.139 min Scan# 2171
Delta R.T. 0.006 min
Lab File: VW017690.D
Acq: 21 Dec 2020 16:52

Tgt Ion:180 Resp: 3812
Ion Ratio Lower Upper
180 100
182 221.9 48.3 144.9#
145 5653.6 14.9 44.5#

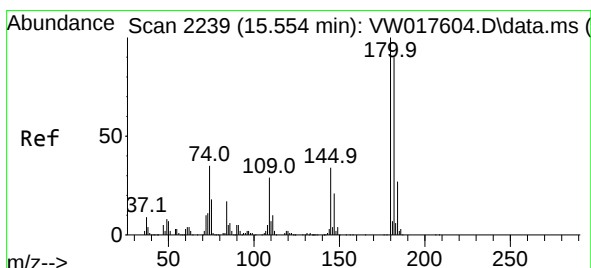
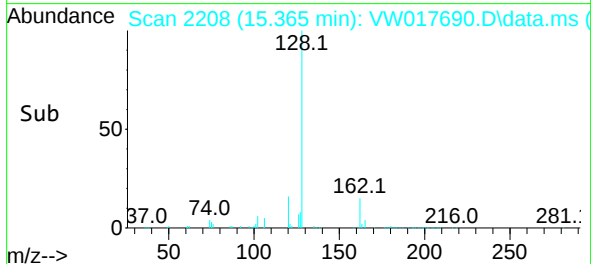
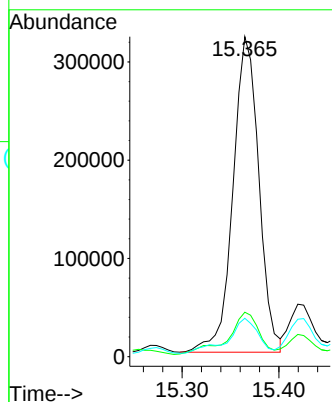
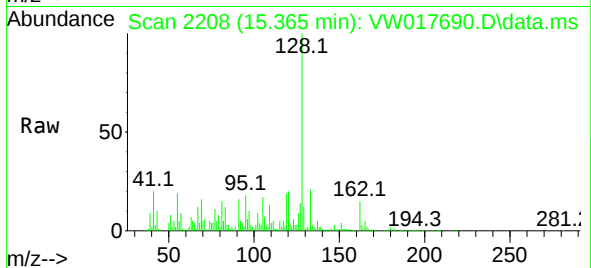




#95
Naphthalene
Concen: 504.17 ug/l
RT: 15.365 min Scan# 2208
Delta R.T. -0.000 min
Lab File: VW017690.D
Acq: 21 Dec 2020 16:52

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:128 Resp: 598108
Ion Ratio Lower Upper
128 100
127 15.8 10.4 15.6#
129 12.9 8.6 12.8#



#96
1,2,3-Trichlorobenzene
Concen: 35.58 ug/l
RT: 15.572 min Scan# 2242
Delta R.T. 0.018 min
Lab File: VW017690.D
Acq: 21 Dec 2020 16:52

Tgt Ion:180 Resp: 17850
Ion Ratio Lower Upper
180 100
182 0.0 49.4 148.2#
145 909.9 16.3 48.9#

