

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW112018\
 Data File : VW006971.D
 Acq On : 20 Nov 2018 03:47
 Operator : SY/AP
 Sample : J5993-06
 Misc : 5.02G/5ML/MSVOA W/SOIL
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 20180930-AMENDED-WCC-3-COMP

Quant Time: Nov 20 04:41:30 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W111718S.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 17 04:45:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	98345	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	163439	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	136133	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	53816	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.30	65	52859	48.23	ug/l	0.00
Spiked Amount			Recovery	=	96.46%	
35) Dibromofluoromethane	7.88	113	266	0.28	ug/l	0.00
Spiked Amount			Recovery	=	0.56%	
50) Toluene-d8	10.32	98	196831	47.86	ug/l	0.00
Spiked Amount			Recovery	=	95.72%	
62) 4-Bromofluorobenzene	12.62	95	69304	43.22	ug/l	0.00
Spiked Amount			Recovery	=	86.44%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.21	59	236	2.830	ug/l #	71
13) Acrolein	4.10	56	219	2.897	ug/l #	37
15) Acrylonitrile	5.45	53	2000	9.081	ug/l #	34
16) Acetone	4.14	43	20829	124.247	ug/l	97
17) Carbon Disulfide	4.38	76	31790	11.090	ug/l	99
20) Methylene Chloride	4.92	84	17554	12.686	ug/l	98
25) 2-Butanone	7.18	43	7135	25.627	ug/l #	86
30) Chloroform	7.63	83	2432	1.184	ug/l #	17
31) Cyclohexane	7.95	56	40281	21.462	ug/l	93
36) 1,1-Dichloropropene	7.95	75	7845	5.038	ug/l #	49
37) Ethyl Acetate	7.18	43	7135	10.778	ug/l #	68
38) Carbon Tetrachloride	7.95	117	10074	6.584	ug/l #	16
39) Methylcyclohexane	9.34	83	164415	85.086	ug/l	94
40) Benzene	8.32	78	92058	20.920	ug/l	100
41) Methacrylonitrile	7.53	41	834	2.057	ug/l #	46
43) Isopropyl Acetate	8.42	43	18179	14.311	ug/l #	51
47) Bromodichloromethane	9.62	83	7774	5.245	ug/l #	31
48) Methyl methacrylate	9.47	41	4169	6.801	ug/l #	11
51) 4-Methyl-2-Pentanone	10.25	43	9184	14.670	ug/l #	84
52) Toluene	10.39	92	6504	2.209	ug/l	97
55) 1,1,2-Trichloroethane	10.76	97	47240	56.914	ug/l #	24
56) Ethyl methacrylate	10.62	69	7661	7.424	ug/l	93
59) 2-Hexanone	10.94	43	64177	153.166	ug/l #	30
65) Chlorobenzene	11.66	112	8442	2.937	ug/l	96
67) Ethyl Benzene	11.73	91	28412	5.482	ug/l	100
68) m/p-Xylenes	11.84	106	223665	110.828	ug/l	99
69) o-Xylene	12.17	106	145847	76.144	ug/l	99
70) Styrene	12.17	104	7778	2.525	ug/l #	1
73) Isopropylbenzene	12.47	105	27108	6.360	ug/l	98
74) N-amyl acetate	12.26	43	36370	42.639	ug/l #	49
75) 1,1,2,2-Tetrachloroethane	12.69	83	3716	5.927	ug/l #	91
76) 1,2,3-Trichloropropane	12.87	75	1733	4.007	ug/l #	100
78) n-propylbenzene	12.81	91	73062	14.267	ug/l	99
79) 2-Chlorotoluene	12.90	91	16733	5.575	ug/l #	63

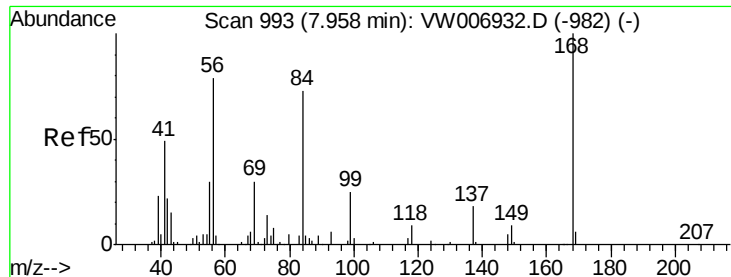
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
80) 1,3,5-Trimethylbenzene	12.94	105	124606	33.954	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.62	75	31487	165.733	ug/l #	12
82) 4-Chlorotoluene	12.90	91	11885	3.756	ug/l	73
84) 1,2,4-Trimethylbenzene	13.26	105	270933	73.488	ug/l	98
85) sec-Butylbenzene	13.39	105	24051	5.409	ug/l #	61
86) p-Isopropyltoluene	13.50	119	33365	8.585	ug/l	98
87) 1,3-Dichlorobenzene	13.51	146	2410	1.305	ug/l #	72
88) 1,4-Dichlorobenzene	13.58	146	12680	6.888	ug/l #	81
89) n-Butylbenzene	13.83	91	24071	6.543	ug/l #	71
90) Hexachloroethane	14.10	117	11843	18.692	ug/l #	16
91) 1,2-Dichlorobenzene	13.88	146	2452	1.485	ug/l #	1
92) 1,2-Dibromo-3-Chloropropan	14.51	75	442	4.074	ug/l #	5
95) Naphthalene	15.38	128	72332	36.124	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW006971.D

Acq: 20 Nov 2018 03:47

Instrument :

MSVOA_W

ClientSampleId :

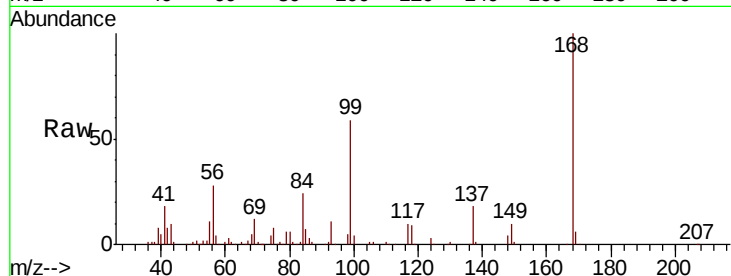
20180930-AMENDED-WCC-3-COMP

Tot Ion:168 Resp: 98345

Ion Ratio Lower Upper

168 100

99 59.1 49.3 73.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

40000

30000

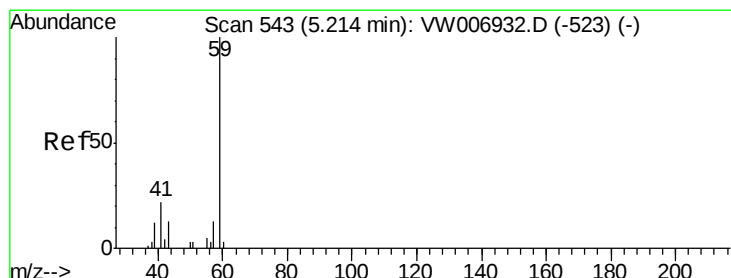
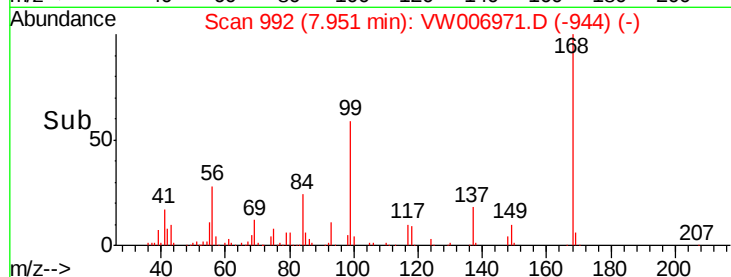
20000

10000

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Time-->

7.90 8.00



#11

Tert butyl alcohol

Concen: 2.830 ug/l

RT: 5.21 min Scan# 542

Delta R.T. -0.01 min

Lab File: VW006971.D

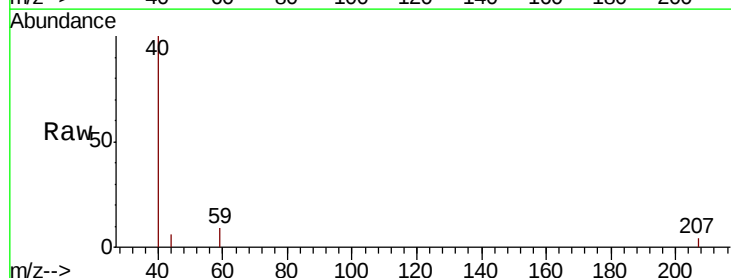
Acq: 20 Nov 2018 03:47

Tgt Ion: 59 Resp: 236

Ion Ratio Lower Upper

59 100

57 0.0 8.8 13.2#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.21

200

150

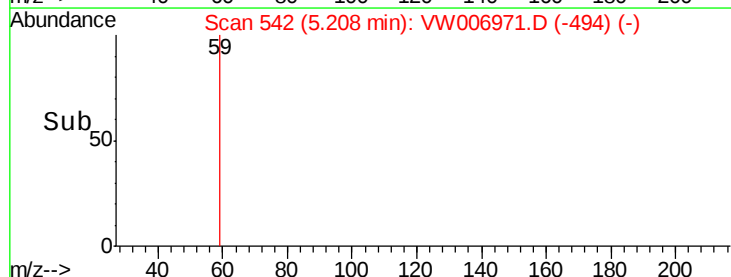
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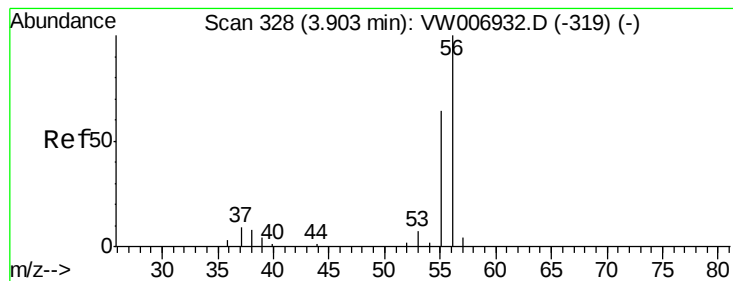
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0

Time-->

5.18 5.20 5.22 5.24 5.26





#13

Acrolein

Concen: 2.897 ug/l

RT: 4.10 min Scan# 360

Delta R.T. 0.19 min

Lab File: VW006971.D

Acq: 20 Nov 2018 03:47

Instrument :

MSVOA_W

ClientSampleId :

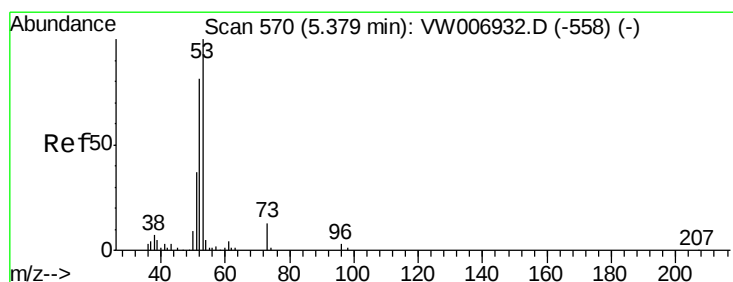
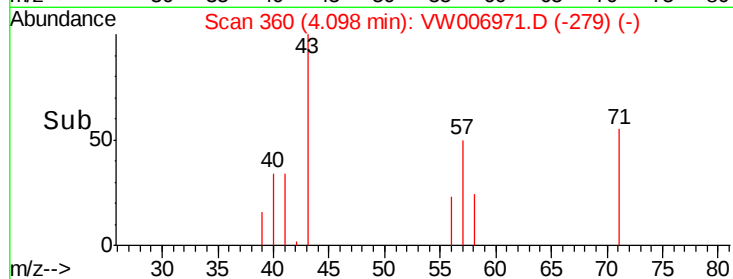
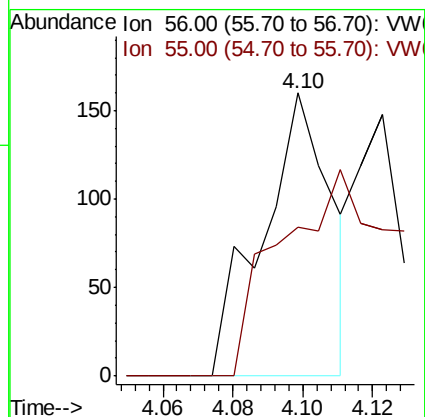
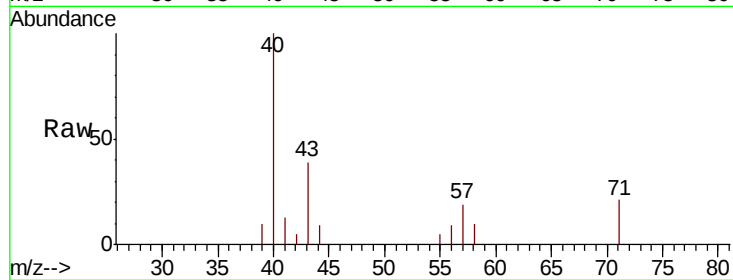
20180930-AMENDED-WCC-3-COMP

Tot Ion: 56 Resp: 219

Ion Ratio Lower Upper

56 100

55 122.4 56.5 84.7#



#15

Acrylonitrile

Concen: 9.081 ug/l

RT: 5.45 min Scan# 582

Delta R.T. 0.07 min

Lab File: VW006971.D

Acq: 20 Nov 2018 03:47

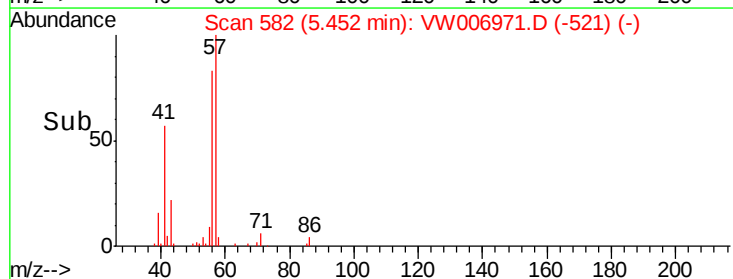
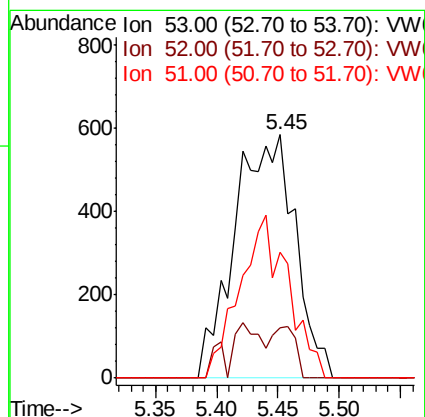
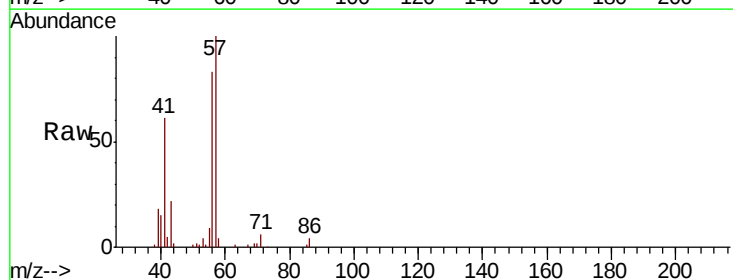
Tgt Ion: 53 Resp: 2000

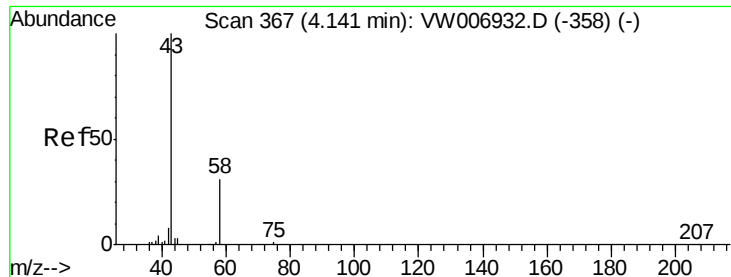
Ion Ratio Lower Upper

53 100

52 8.1 67.0 100.6#

51 53.6 29.8 44.6#





#16

Acetone

Concen: 124.247 ug/l

RT: 4.14 min Scan# 366

Delta R.T. -0.01 min

Lab File: VW006971.D

Acq: 20 Nov 2018 03:47

Instrument :

MSVOA_W

ClientSampleId :

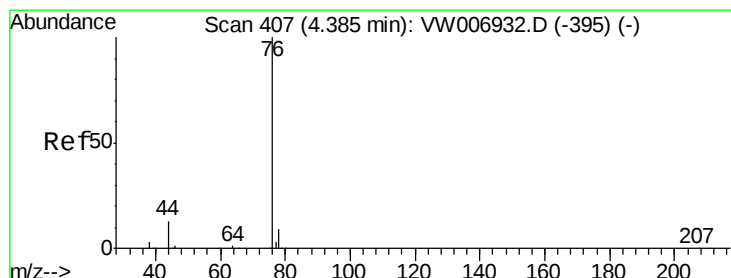
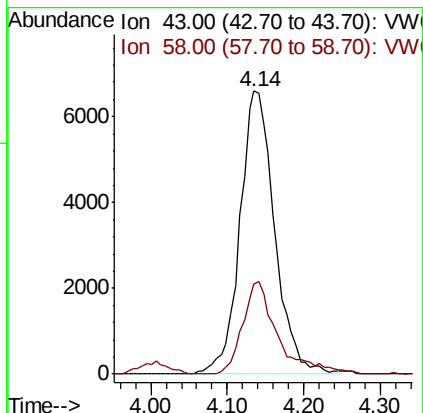
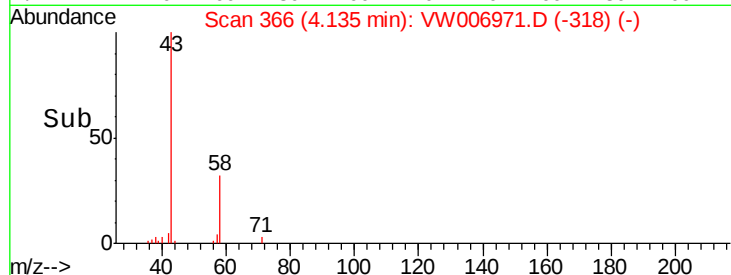
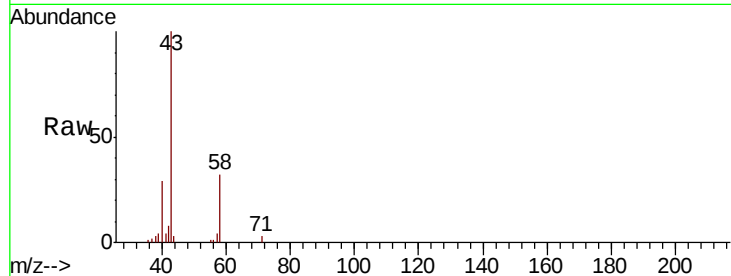
20180930-AMENDED-WCC-3-COMP

Tot Ion: 43 Resp: 20829

Ion Ratio Lower Upper

43 100

58 31.8 24.2 36.4



#17

Carbon Disulfide

Concen: 11.090 ug/l

RT: 4.38 min Scan# 406

Delta R.T. -0.01 min

Lab File: VW006971.D

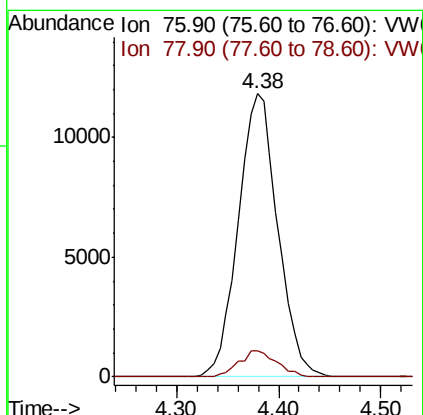
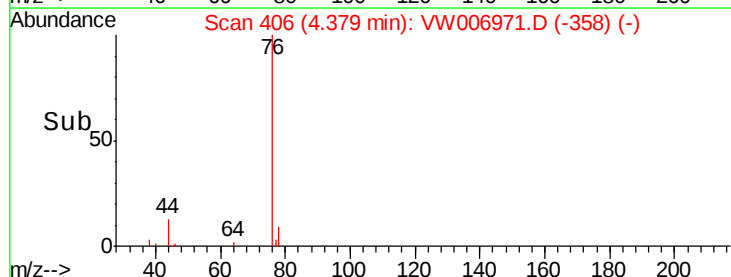
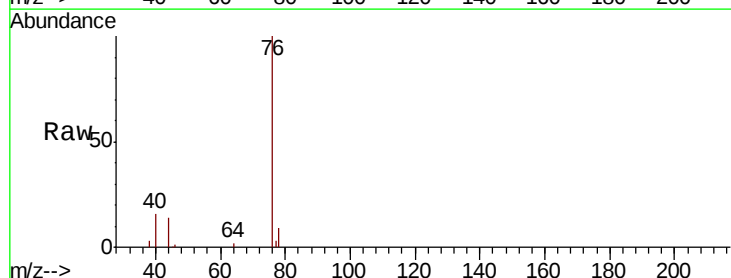
Acq: 20 Nov 2018 03:47

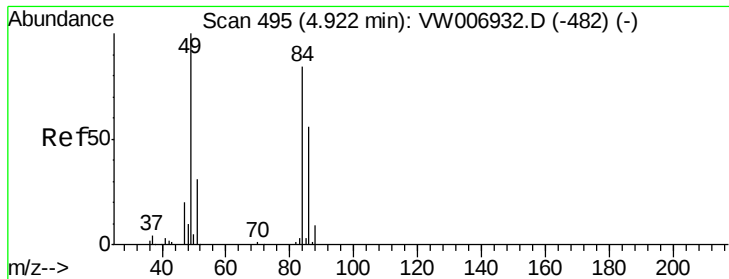
Tgt Ion: 76 Resp: 31790

Ion Ratio Lower Upper

76 100

78 9.4 7.1 10.7

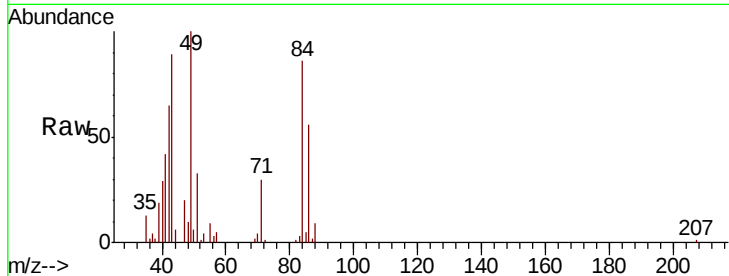




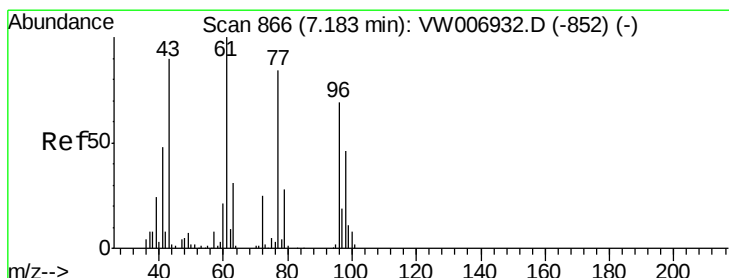
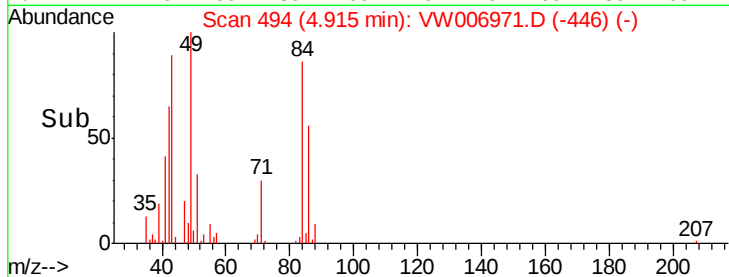
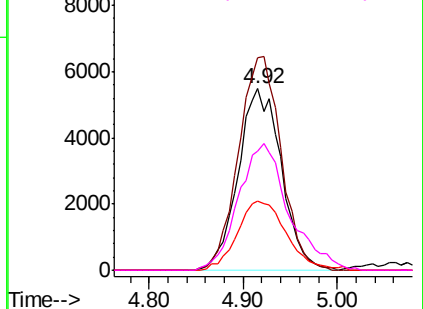
#20
Methvlene Chloride
Concen: 12.686 ug/l
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
Lab File: VW006971.D
Acq: 20 Nov 2018 03:47

Instrument :
MSVOA_W
ClientSampleId :
20180930-AMENDED-WCC-3-COMP

Tot Ion:	84	Resp:	17554
Ion	Ratio	Lower	Upper
84	100		
49	116.9	95.4	143.2
51	38.2	29.5	44.3
86	65.5	53.4	80.2

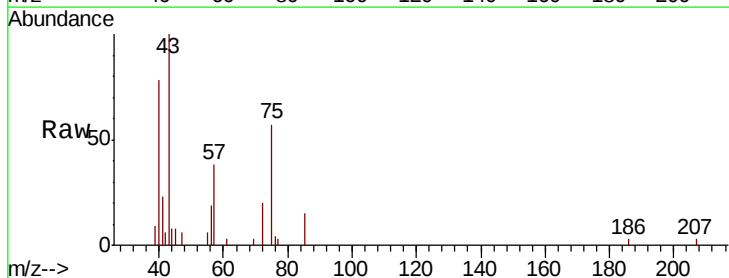


Abundance Ion 83.90 (83.60 to 84.60): VW
Ion 48.90 (48.60 to 49.60): VW
Ion 50.90 (50.60 to 51.60): VW
Ion 85.90 (85.60 to 86.60): VW

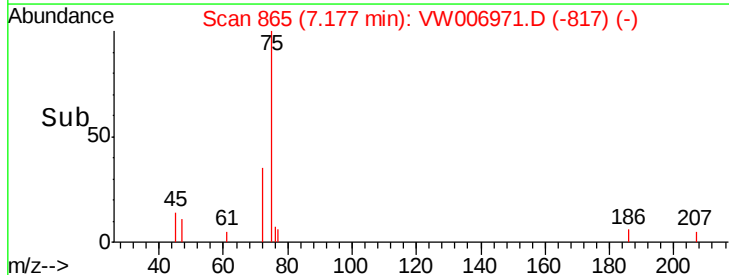
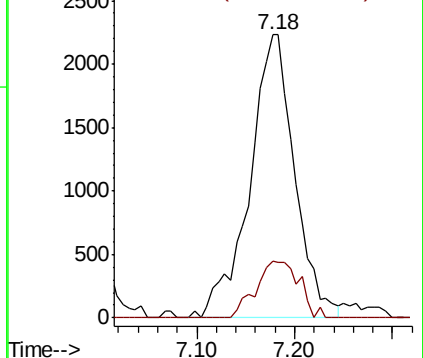


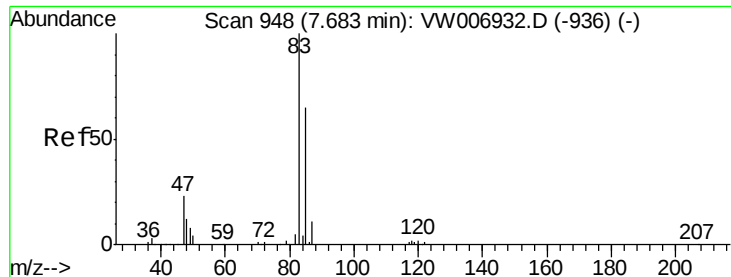
#25
2-Butanone
Concen: 25.627 ug/l
RT: 7.18 min Scan# 865
Delta R.T. -0.01 min
Lab File: VW006971.D
Acq: 20 Nov 2018 03:47

Tgt Ion:	43	Resp:	7135
Ion	Ratio	Lower	Upper
43	100		
72	20.0	22.1	33.1#



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 72.00 (71.70 to 72.70): VW

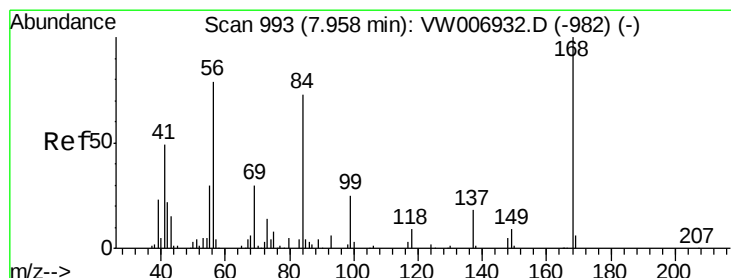
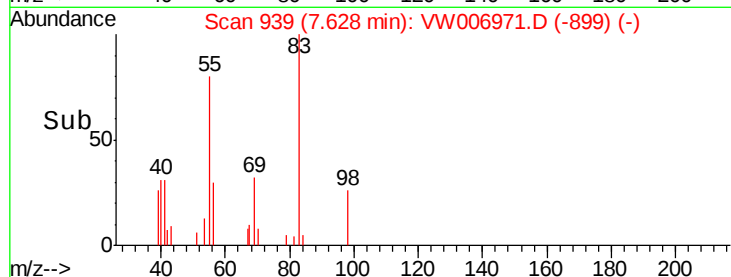
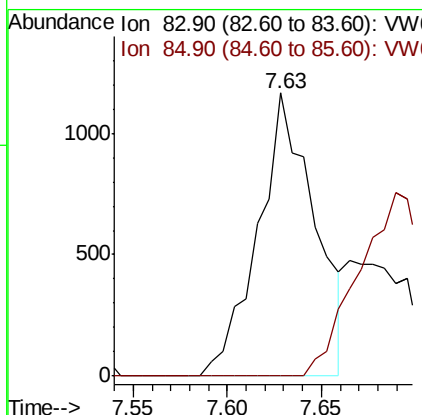
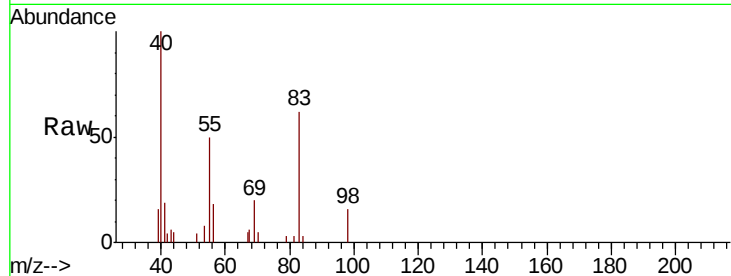




#30
Chloroform
Concen: 1.184 ug/l
RT: 7.63 min Scan# 939
Delta R.T. -0.05 min
Lab File: VW006971.D
Acq: 20 Nov 2018 03:47

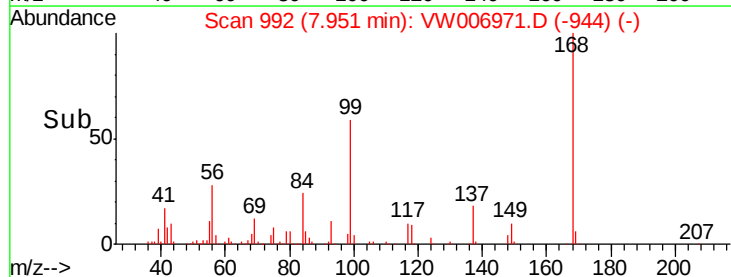
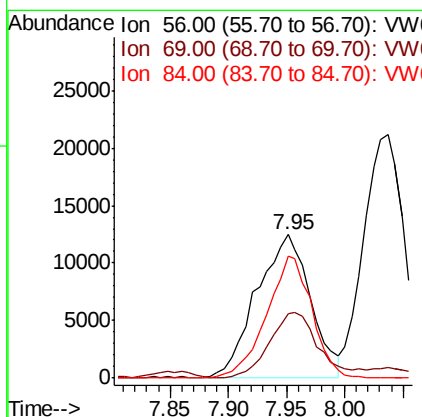
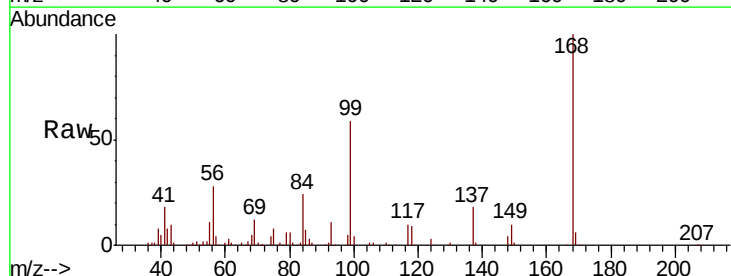
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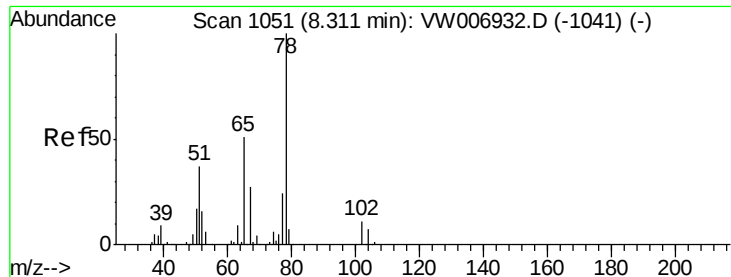
Tot Ion: 83 Resp: 2432
Ion Ratio Lower Upper
83 100
85 0.0 52.2 78.4#



#31
Cyclohexane
Concen: 21.462 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW006971.D
Acq: 20 Nov 2018 03:47

Tgt Ion: 56 Resp: 40281
Ion Ratio Lower Upper
56 100
69 40.9 30.2 45.2
84 84.7 73.6 110.4

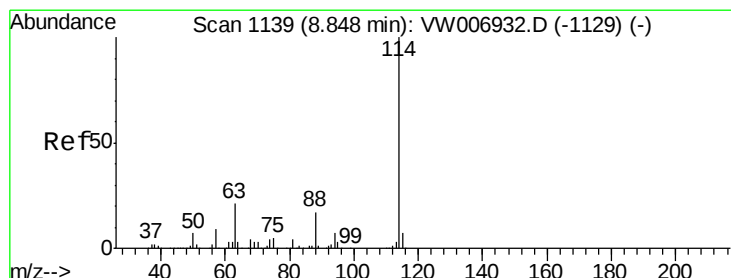
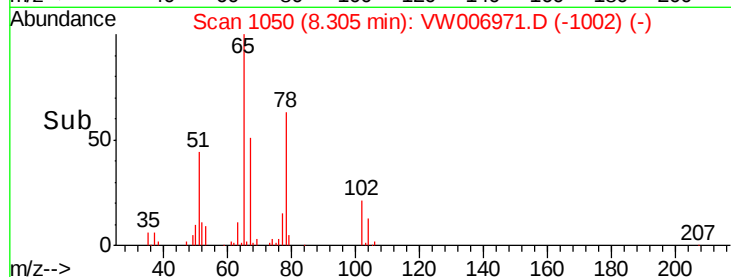
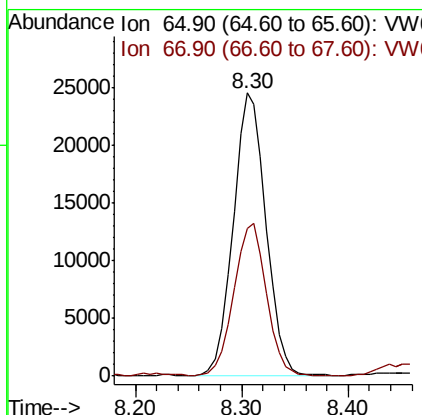
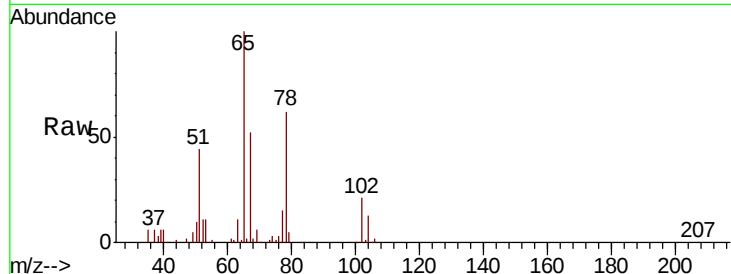




#33
 1,2-Dichloroethane-d4
 Concen: 48.229 ug/l
 RT: 8.30 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: VW006971.D
 Acq: 20 Nov 2018 03:47

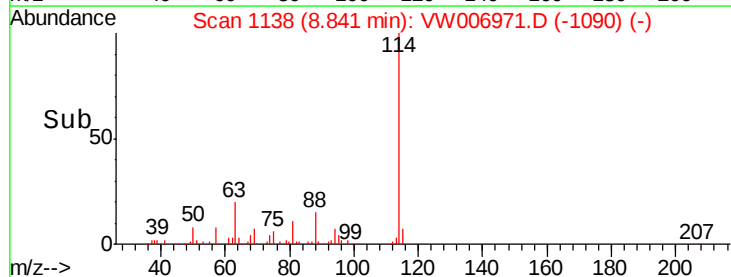
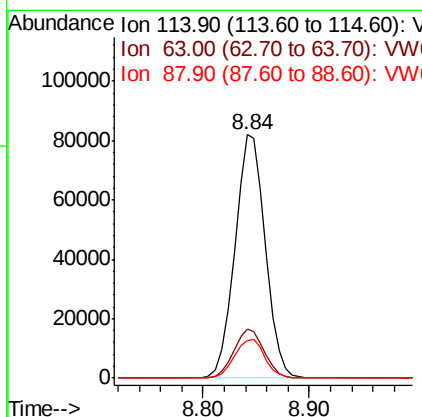
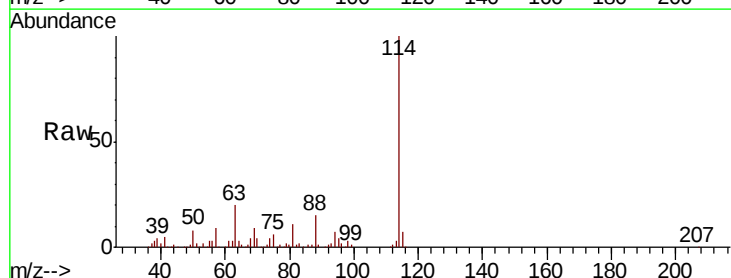
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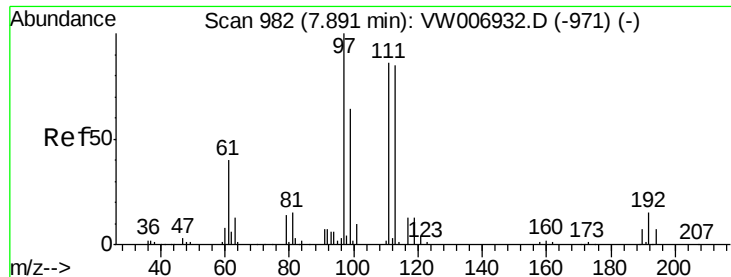
Tot Ion: 65 Resp: 52859
 Ion Ratio Lower Upper
 65 100
 67 54.0 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.01 min
 Lab File: VW006971.D
 Acq: 20 Nov 2018 03:47

Tgt Ion: 114 Resp: 163439
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 42.2
 88 15.4 0.0 33.4

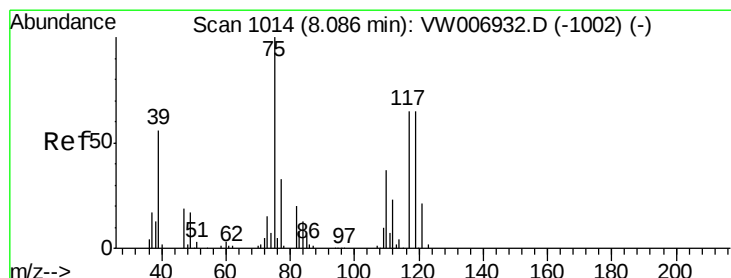
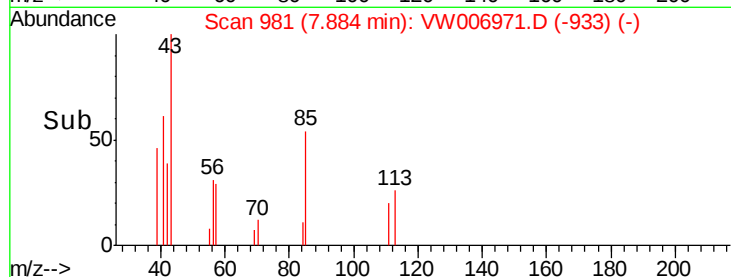
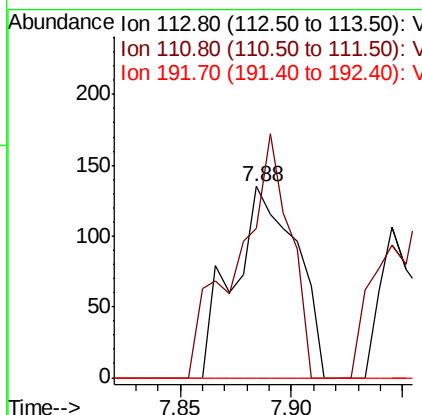
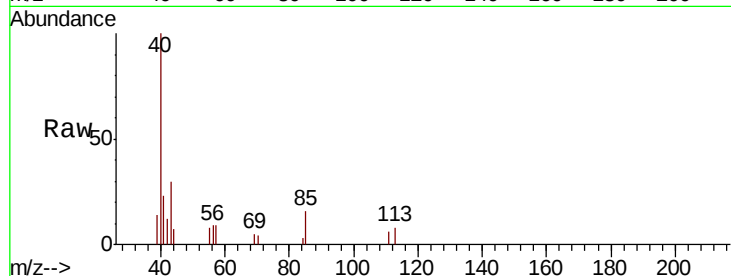




#35
 Dibromofluoromethane
 Concen: 0.278 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW006971.D
 Acq: 20 Nov 2018 03:47

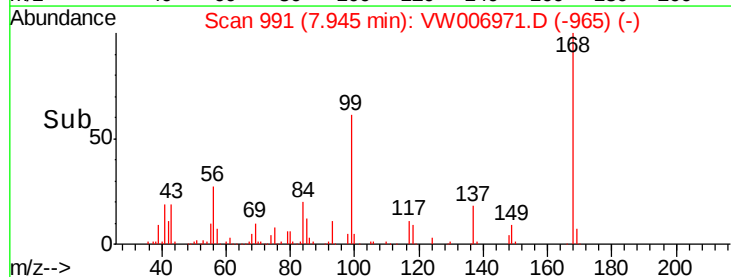
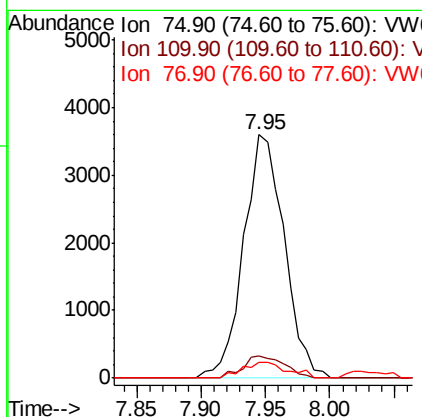
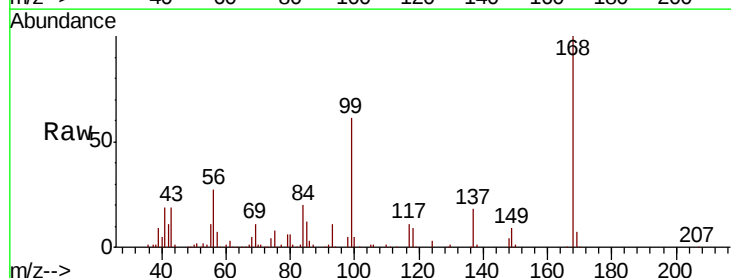
Instrument :
 MSVOA_W
 ClientSampleId :
 20180930-AMENDED-WCC-3-COMP

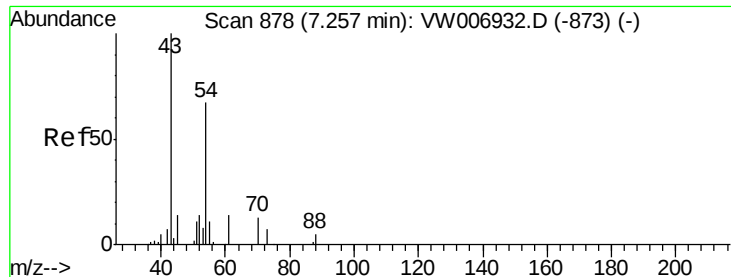
Tot Ion:113 Resp: 266
 Ion Ratio Lower Upper
 113 100
 111 106.0 81.7 122.5
 192 0.0 13.9 20.9#



#36
 1,1-Dichloropropene
 Concen: 5.038 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.14 min
 Lab File: VW006971.D
 Acq: 20 Nov 2018 03:47

Tgt Ion: 75 Resp: 7845
 Ion Ratio Lower Upper
 75 100
 110 9.4 18.1 54.1#
 77 0.0 25.4 38.0#

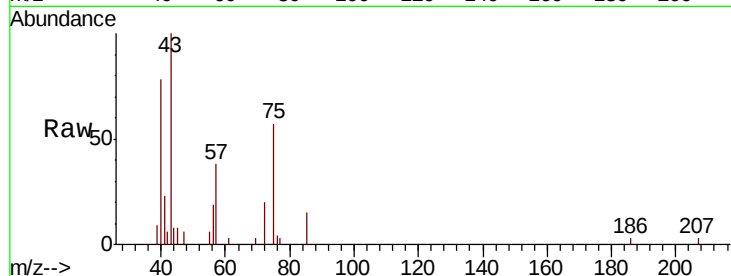




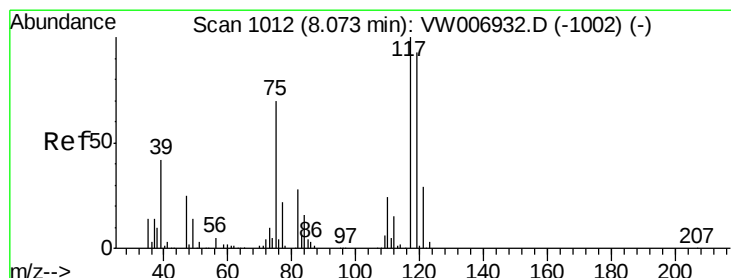
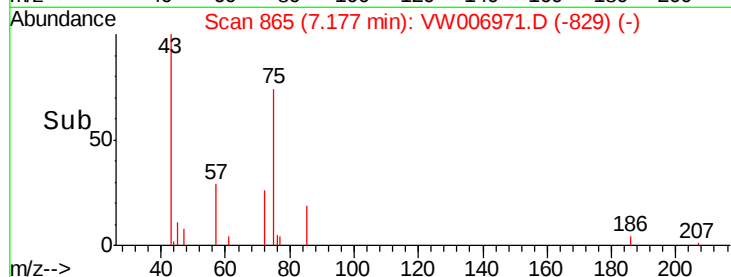
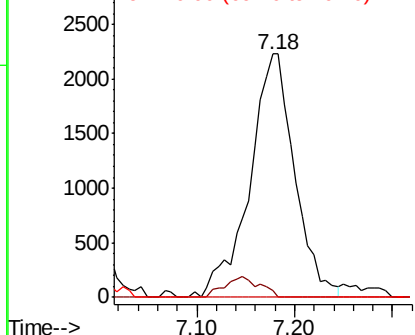
#37
Ethyl Acetate
Concen: 10.778 ug/l
RT: 7.18 min Scan# 865
Delta R.T. -0.08 min
Lab File: VW006971.D
Acq: 20 Nov 2018 03:47

Instrument :
MSVOA_W
ClientSampleId :
20180930-AMENDED-WCC-3-COMP

Tot Ion: 43 Resp: 7135
Ion Ratio Lower Upper
43 100
61 0.0 11.0 16.6#
70 0.0 8.8 13.2#

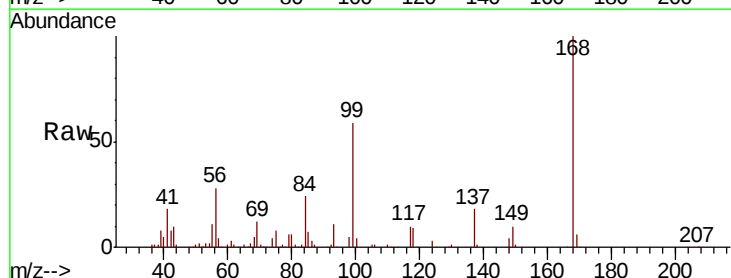


Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 70.00 (69.70 to 70.70): VW

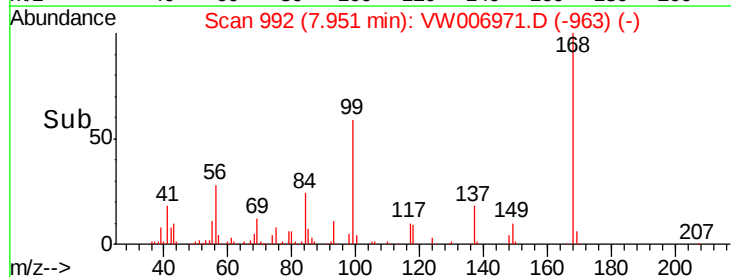
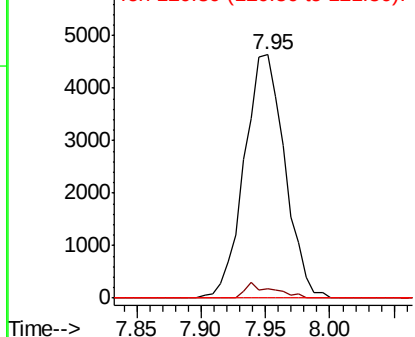


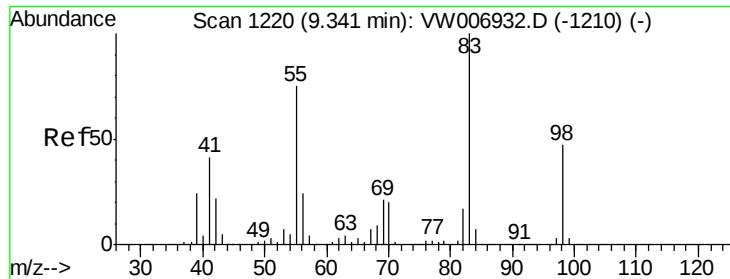
#38
Carbon Tetrachloride
Concen: 6.584 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.12 min
Lab File: VW006971.D
Acq: 20 Nov 2018 03:47

Tgt Ion: 117 Resp: 10074
Ion Ratio Lower Upper
117 100
119 3.6 74.2 111.4#
121 0.0 23.5 35.3#



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

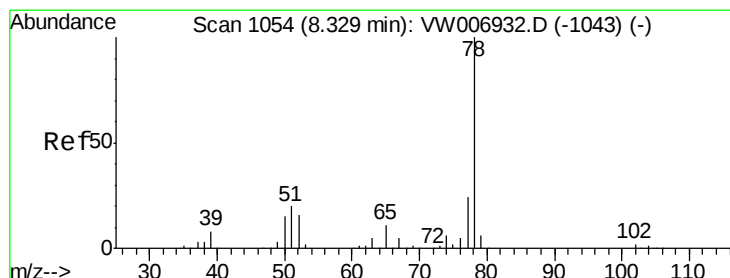
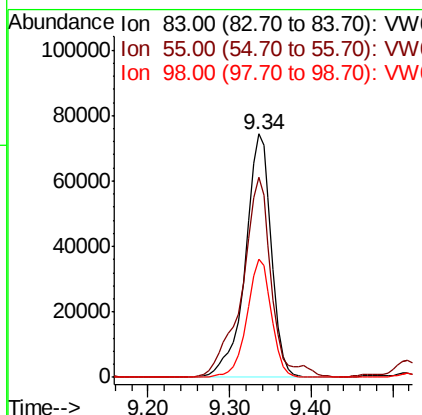
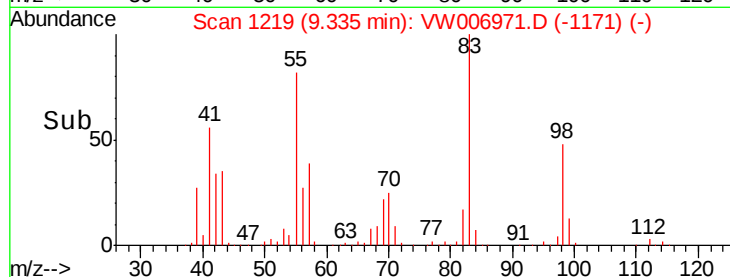
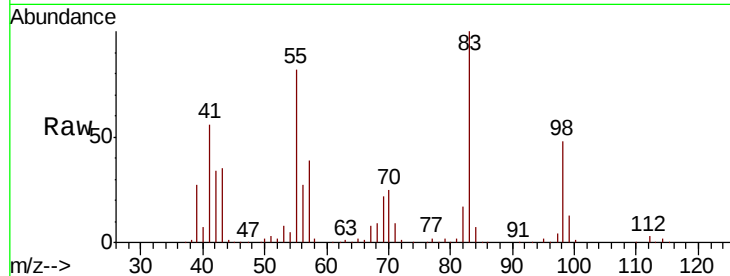




#39
Methvlcvclohexane
Concen: 85.086 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.01 min
Lab File: VW006971.D
Acq: 20 Nov 2018 03:47

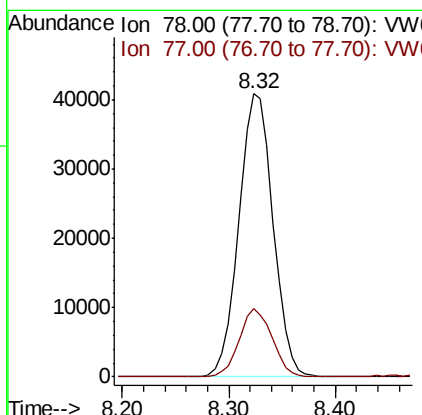
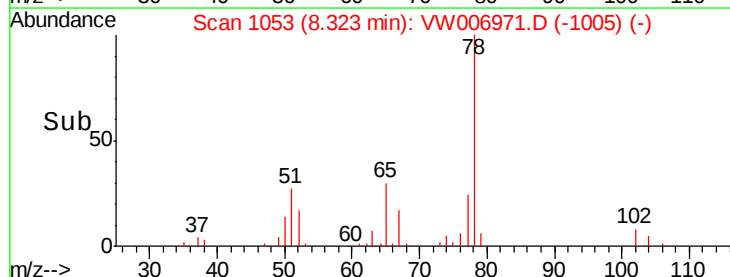
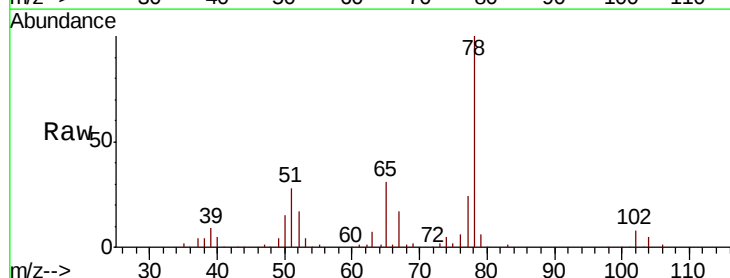
Instrument :
MSVOA_W
ClientSampleId :
20180930-AMENDED-WCC-3-COMP

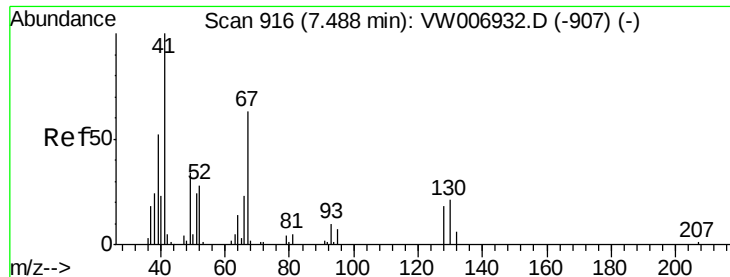
Tot Ion: 83 Resp: 164415
Ion Ratio Lower Upper
83 100
55 82.0 60.2 90.4
98 48.3 37.3 55.9



#40
Benzene
Concen: 20.920 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.01 min
Lab File: VW006971.D
Acq: 20 Nov 2018 03:47

Tgt Ion: 78 Resp: 92058
Ion Ratio Lower Upper
78 100
77 24.1 19.3 28.9

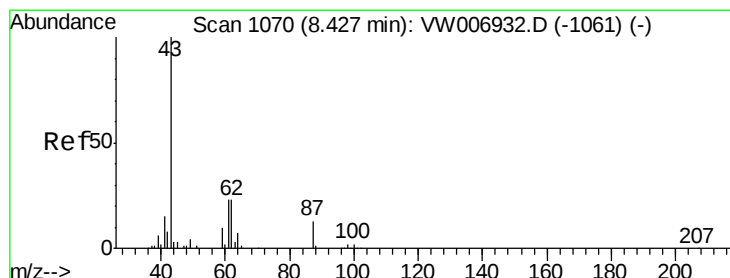
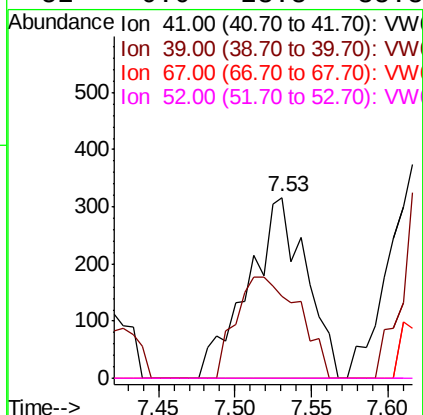
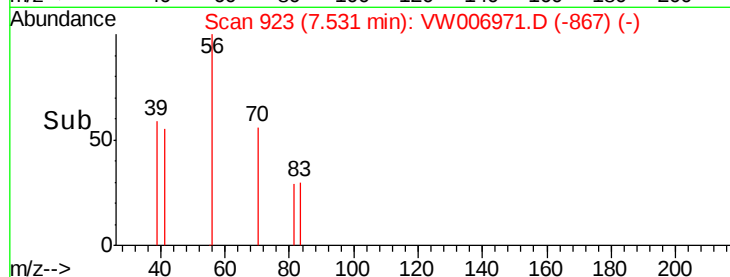
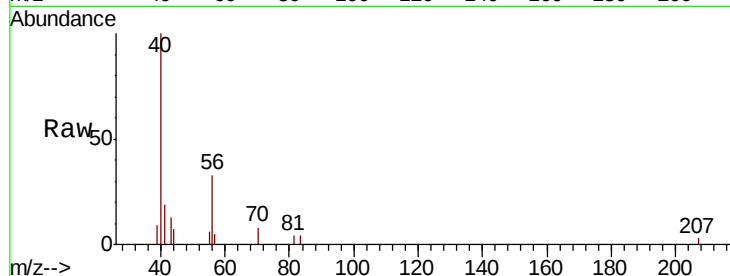




#41
Methacrylonitrile
Concen: 2.057 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.04 min
Lab File: VW006971.D
Acq: 20 Nov 2018 03:47

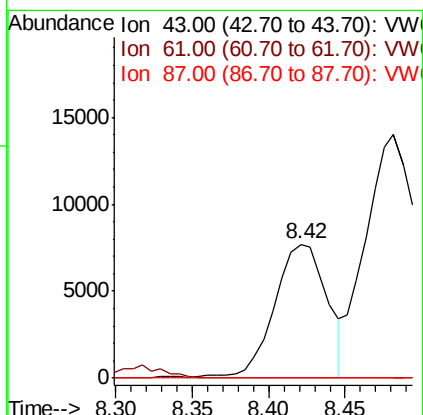
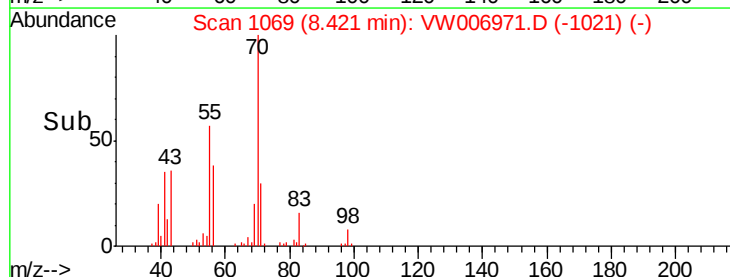
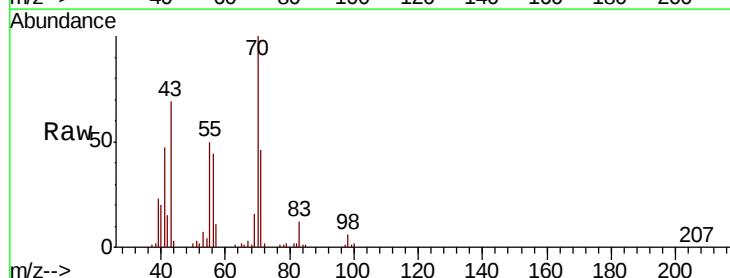
Instrument :
MSVOA_W
ClientSampleId :
20180930-AMENDED-WCC-3-COMP

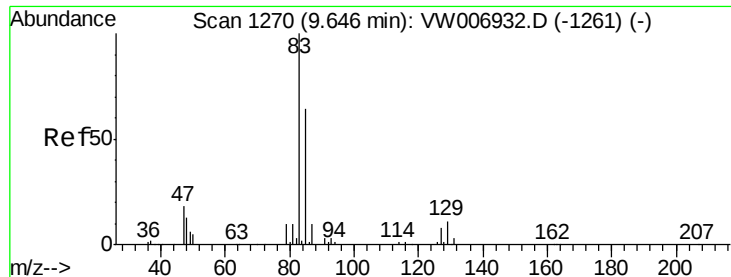
Tot Ion: 41 Resp: 834
Ion Ratio Lower Upper
41 100
39 60.9 41.8 62.6
67 0.0 54.7 82.1#
52 0.0 23.8 35.8#



#43
Isopropyl Acetate
Concen: 14.311 ug/l
RT: 8.42 min Scan# 1069
Delta R.T. -0.01 min
Lab File: VW006971.D
Acq: 20 Nov 2018 03:47

Tgt Ion: 43 Resp: 18179
Ion Ratio Lower Upper
43 100
61 0.0 24.6 37.0#
87 0.0 11.0 16.6#





#47

Bromodichloromethane

Concen: 5.245 ug/l

RT: 9.62 min Scan# 1265

Delta R.T. -0.03 min

Lab File: VW006971.D

Acq: 20 Nov 2018 03:47

Instrument :

MSVOA_W

ClientSampleId :

20180930-AMENDED-WCC-3-COMP

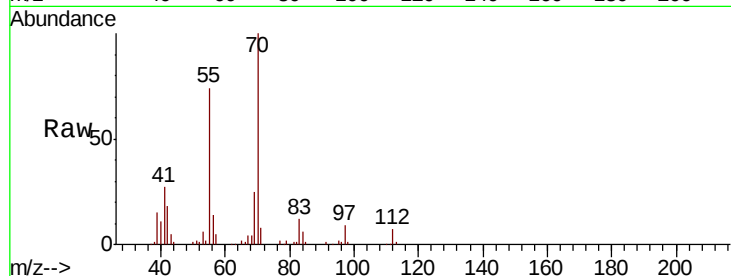
Tot Ion: 83 Resp: 7774

Ion Ratio Lower Upper

83 100

85 5.5 50.8 76.2#

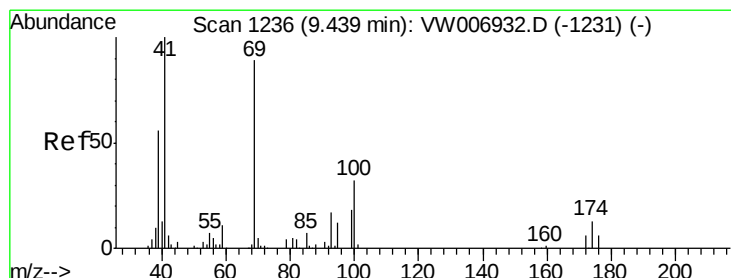
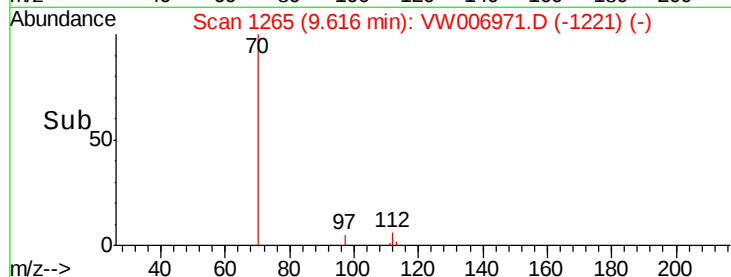
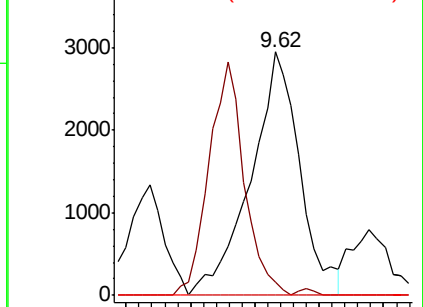
127 0.0 6.6 10.0#



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 6.801 ug/l

RT: 9.47 min Scan# 1241

Delta R.T. 0.03 min

Lab File: VW006971.D

Acq: 20 Nov 2018 03:47

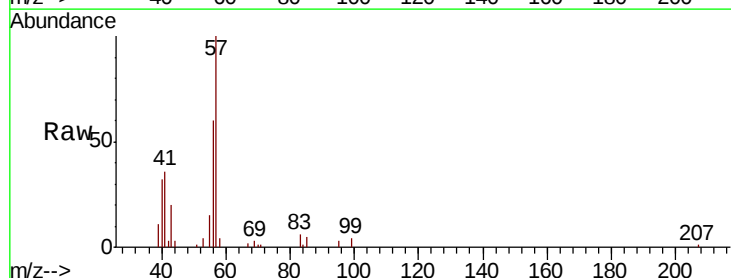
Tgt Ion: 41 Resp: 4169

Ion Ratio Lower Upper

41 100

69 0.0 73.4 110.0#

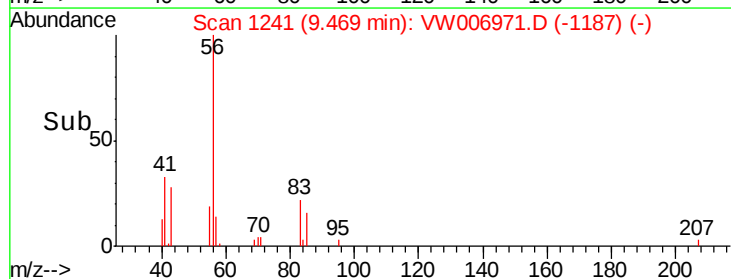
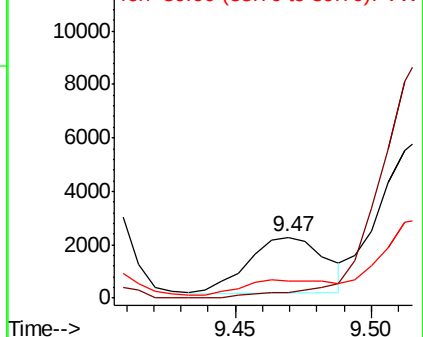
39 0.0 46.1 69.1#

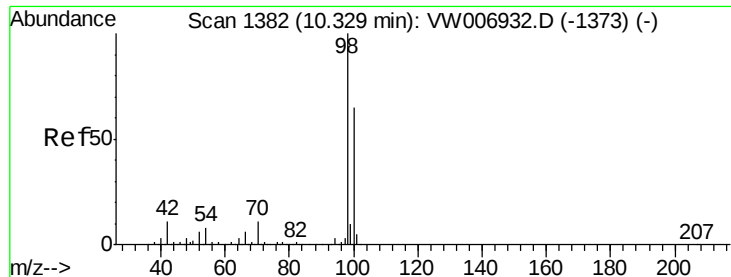


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW

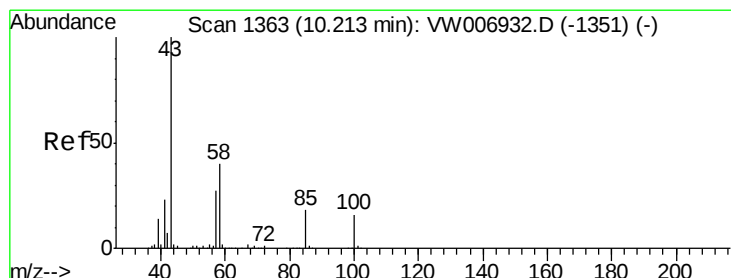
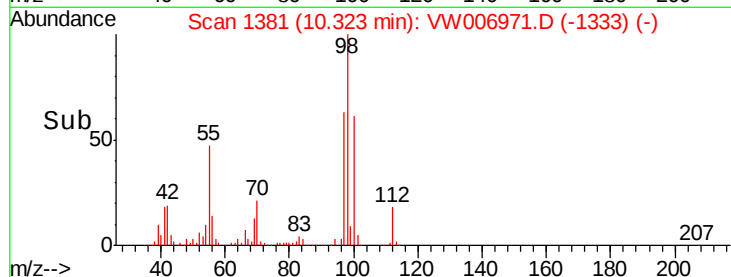
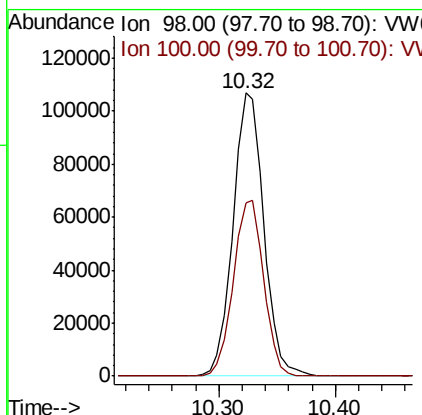
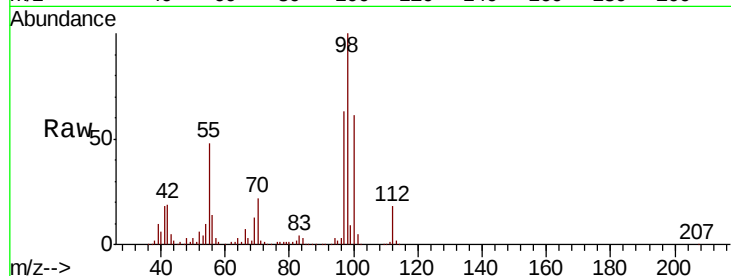




#50
Toluene-d8
Concen: 47.861 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.01 min
Lab File: VW006971.D
Acq: 20 Nov 2018 03:47

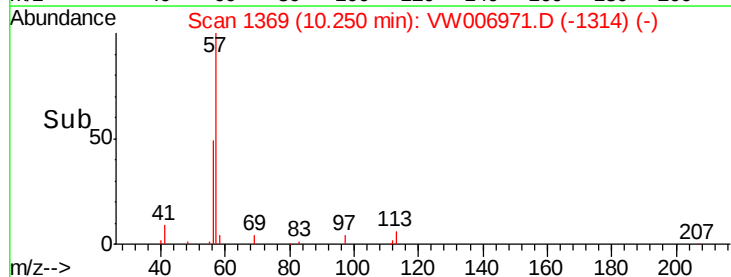
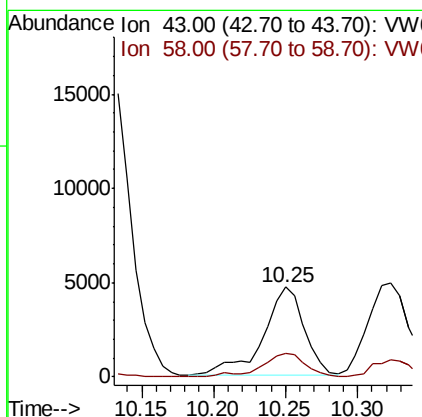
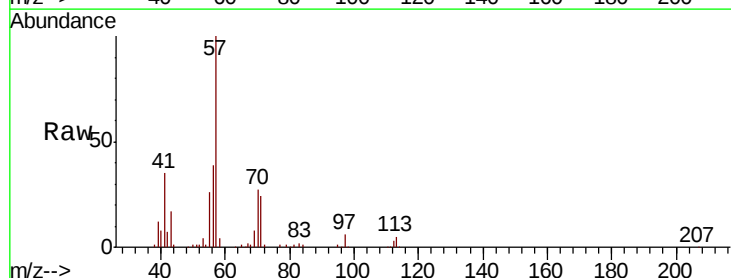
Instrument :
MSVOA_W
ClientSampleId :
20180930-AMENDED-WCC-3-COMP

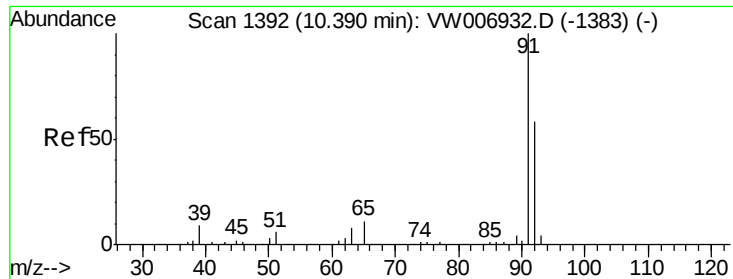
Tot Ion: 98 Resp: 196831
Ion Ratio Lower Upper
98 100
100 61.1 52.3 78.5



#51
4-Methyl-2-Pentanone
Concen: 14.670 ug/l
RT: 10.25 min Scan# 1369
Delta R.T. 0.04 min
Lab File: VW006971.D
Acq: 20 Nov 2018 03:47

Tgt Ion: 43 Resp: 9184
Ion Ratio Lower Upper
43 100
58 29.1 31.0 46.4#





#52

Toluene

Concen: 2.209 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW006971.D

Acq: 20 Nov 2018 03:47

Instrument :

MSVOA_W

ClientSampleId :

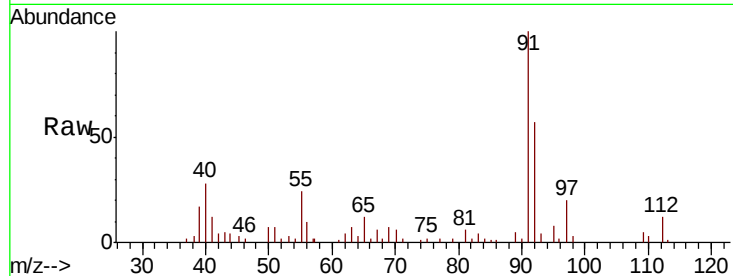
20180930-AMENDED-WCC-3-COMP

Tot Ion: 92 Resp: 6504

Ion Ratio Lower Upper

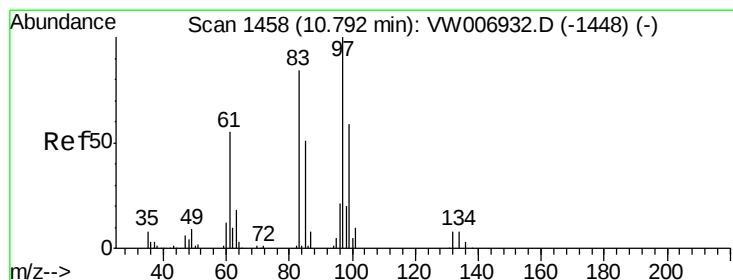
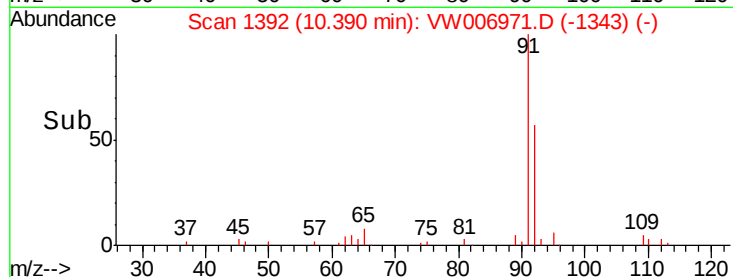
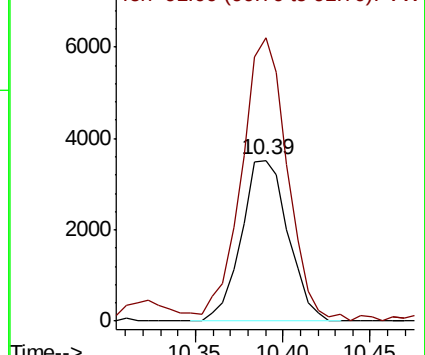
92 100

91 175.2 137.3 205.9



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW



#55

1,1,2-Trichloroethane

Concen: 56.914 ug/l

RT: 10.76 min Scan# 1453

Delta R.T. -0.03 min

Lab File: VW006971.D

Acq: 20 Nov 2018 03:47

Tgt Ion: 97 Resp: 47240

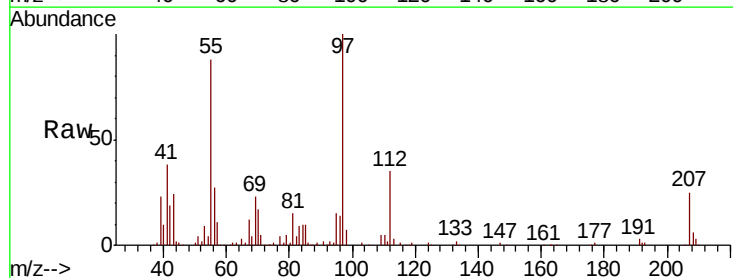
Ion Ratio Lower Upper

97 100

83 8.2 67.5 101.3#

85 9.7 41.0 61.6#

99 0.0 47.4 71.2#

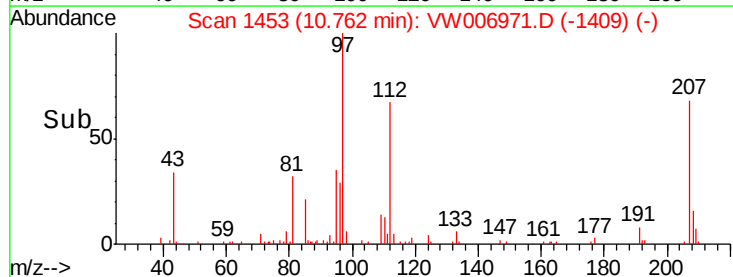
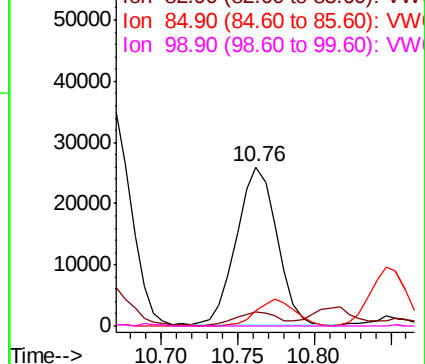


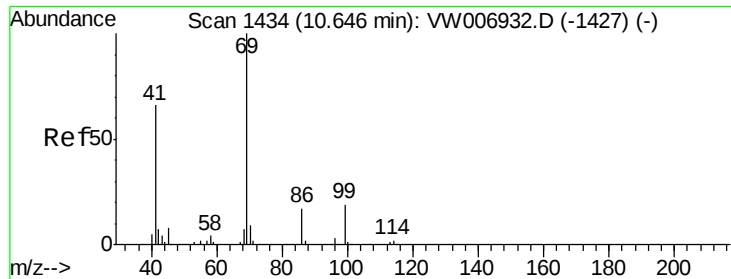
Abundance Ion 96.90 (96.60 to 97.60): VW

Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 98.90 (98.60 to 99.60): VW

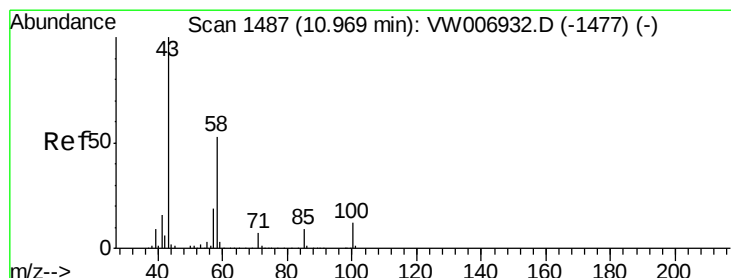
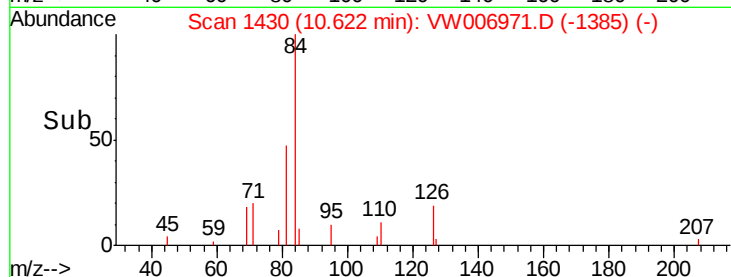
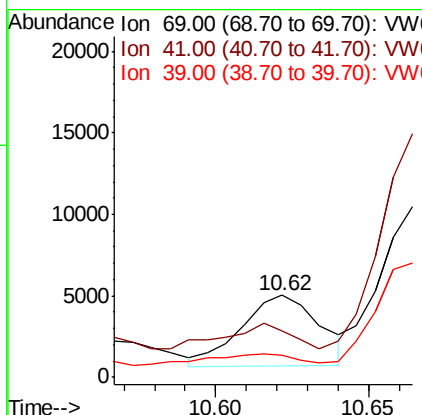
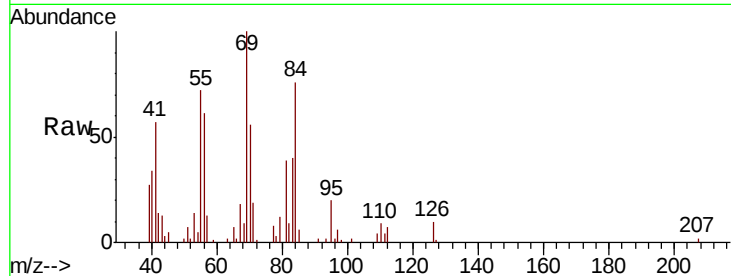




#56
Ethyl methacrylate
Concen: 7.424 ug/l
RT: 10.62 min Scan# 1430
Delta R.T. -0.02 min
Lab File: VW006971.D
Acq: 20 Nov 2018 03:47

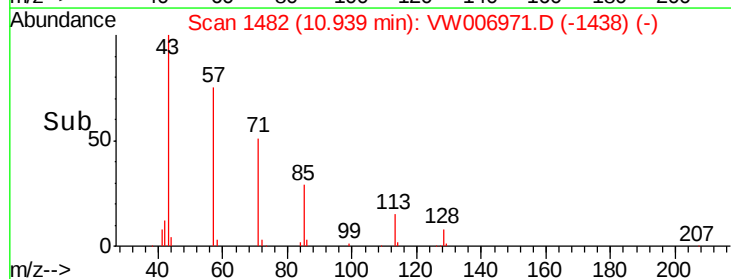
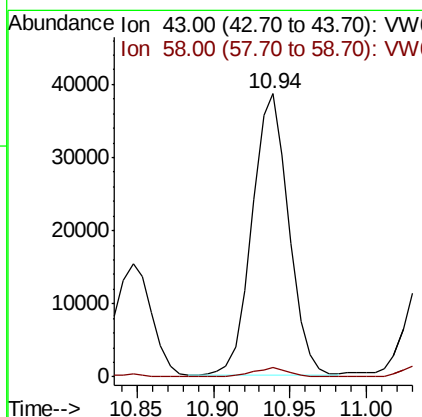
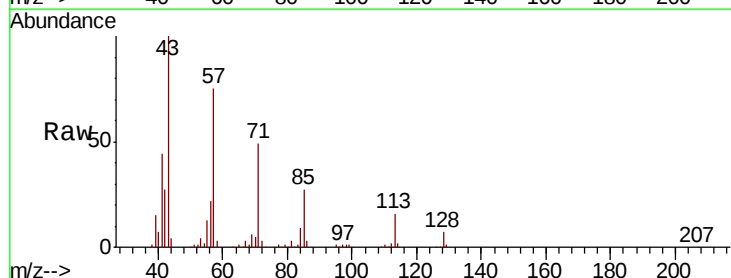
Instrument :
MSVOA_W
ClientSampleId :
20180930-AMENDED-WCC-3-COMP

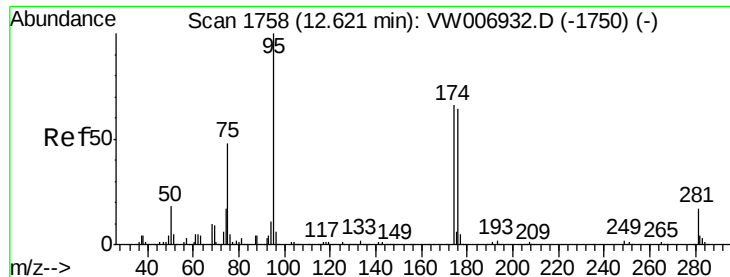
Tot Ion: 69 Resp: 7661
Ion Ratio Lower Upper
69 100
41 71.9 53.8 80.6
39 30.6 29.0 43.6



#59
2-Hexanone
Concen: 153.166 ug/l
RT: 10.94 min Scan# 1482
Delta R.T. -0.03 min
Lab File: VW006971.D
Acq: 20 Nov 2018 03:47

Tgt Ion: 43 Resp: 64177
Ion Ratio Lower Upper
43 100
58 3.4 26.8 80.4#

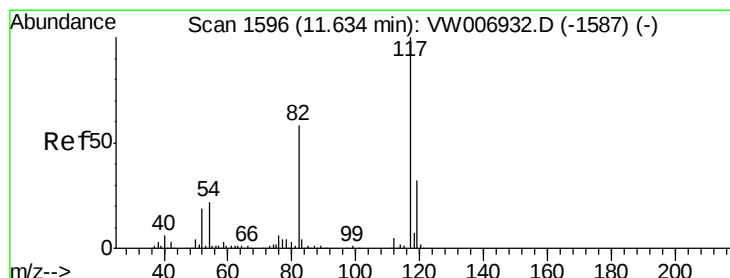
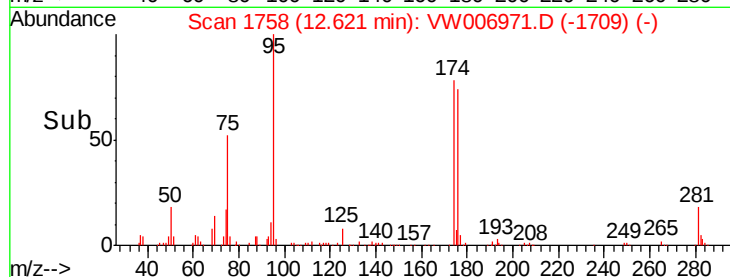
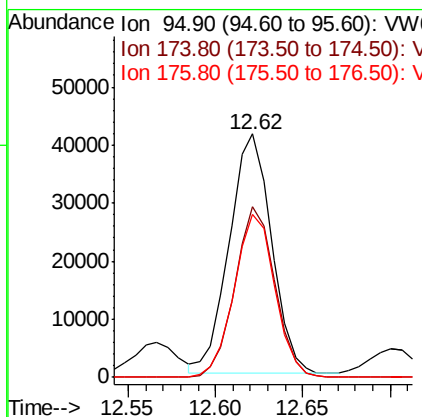
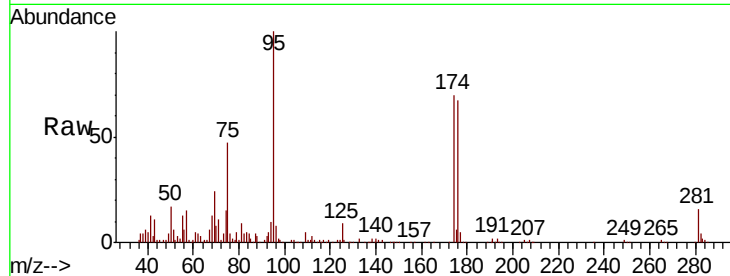




#62
4-Bromofluorobenzene
Concen: 43.218 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW006971.D
Acq: 20 Nov 2018 03:47

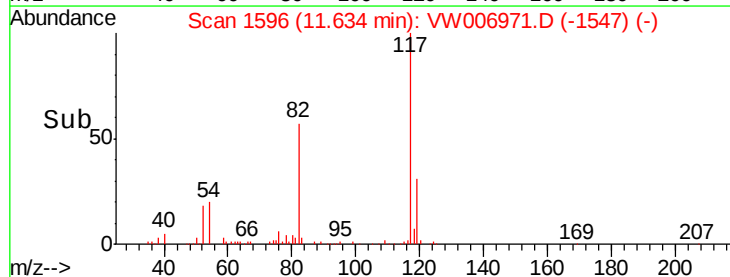
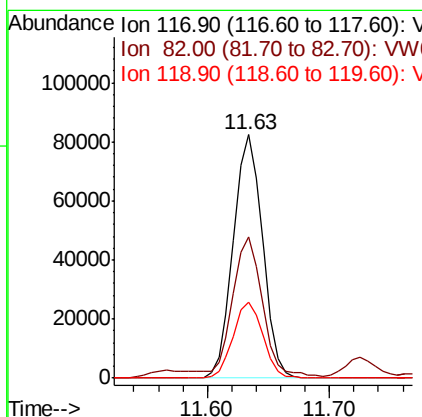
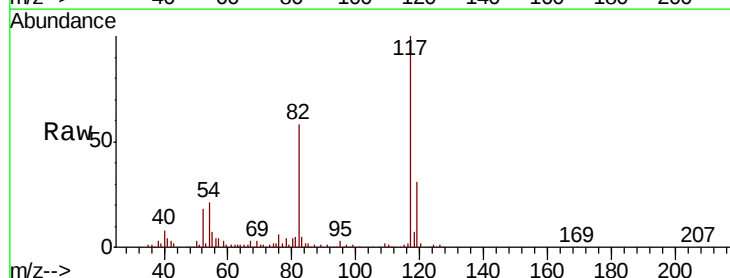
Instrument :
MSVOA_W
ClientSampleId :
20180930-AMENDED-WCC-3-COMP

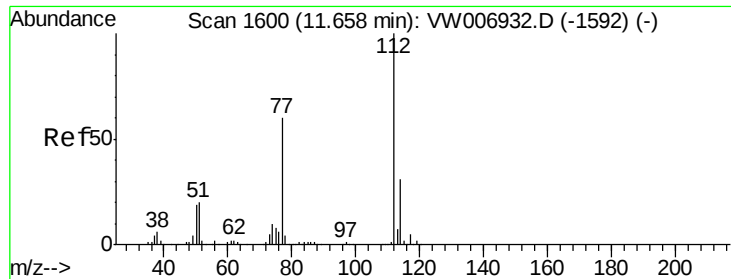
Tot Ion: 95 Resp: 69304
Ion Ratio Lower Upper
95 100
174 67.2 0.0 138.4
176 65.4 0.0 133.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW006971.D
Acq: 20 Nov 2018 03:47

Tgt Ion: 117 Resp: 136133
Ion Ratio Lower Upper
117 100
82 55.2 46.2 69.2
119 31.2 25.5 38.3

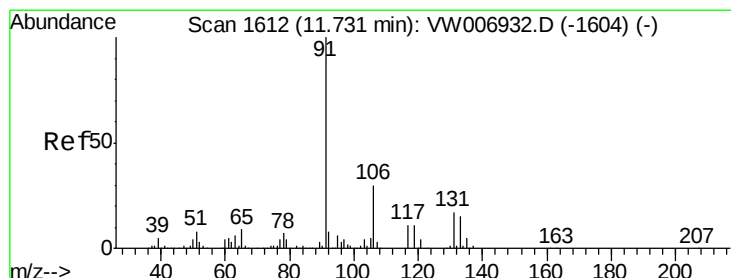
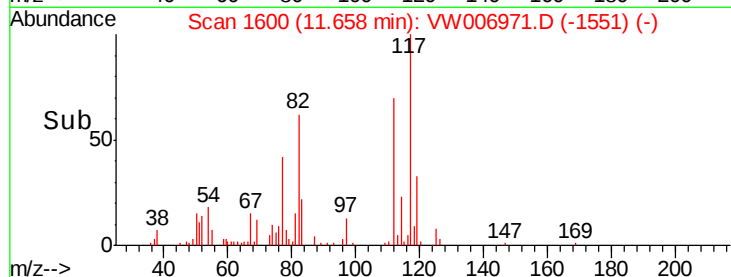
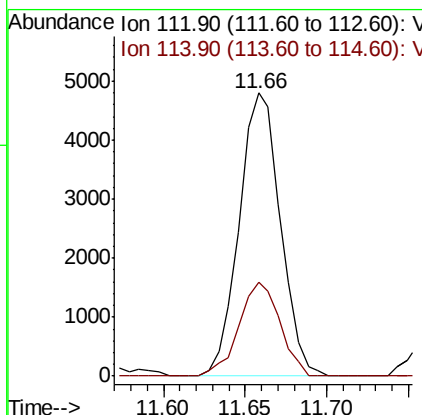
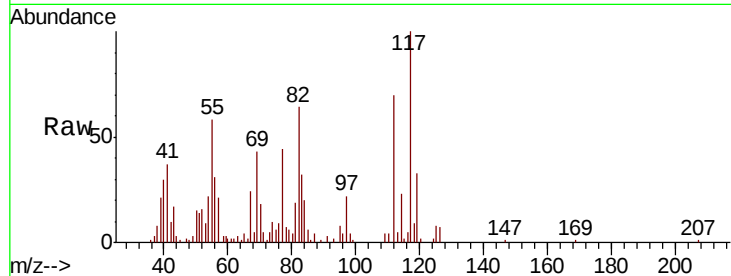




#65
Chlorobenzene
Concen: 2.937 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW006971.D
Acq: 20 Nov 2018 03:47

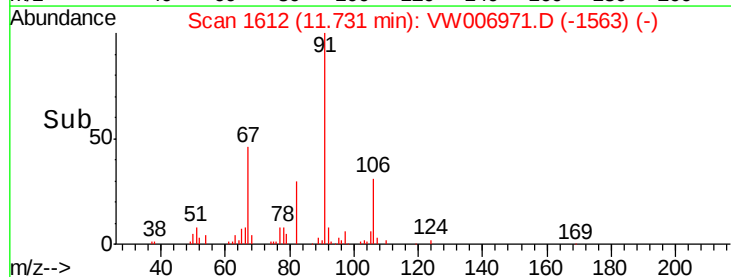
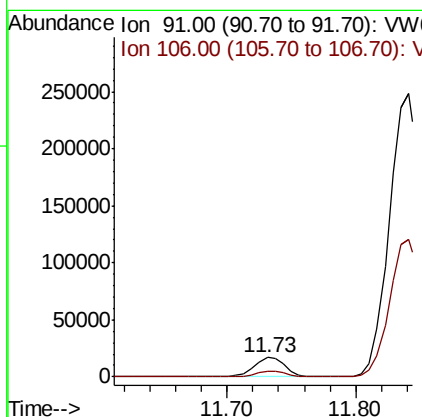
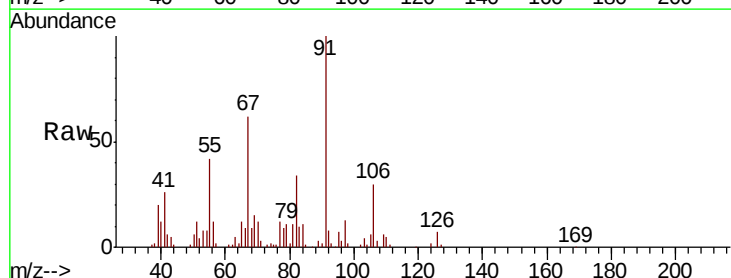
Instrument :
MSVOA_W
ClientSampleId :
20180930-AMENDED-WCC-3-COMP

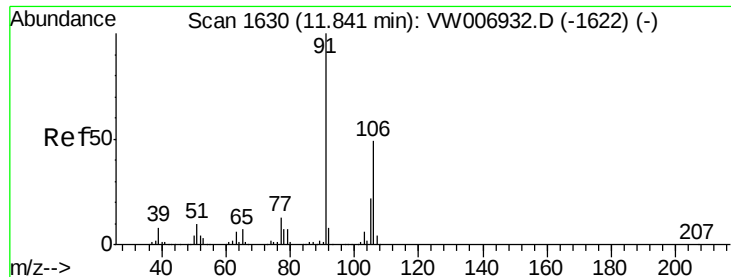
Tot Ion:112 Resp: 8442
Ion Ratio Lower Upper
112 100
114 33.3 24.6 37.0



#67
Ethyl Benzene
Concen: 5.482 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW006971.D
Acq: 20 Nov 2018 03:47

Tgt Ion: 91 Resp: 28412
Ion Ratio Lower Upper
91 100
106 30.0 24.0 36.0

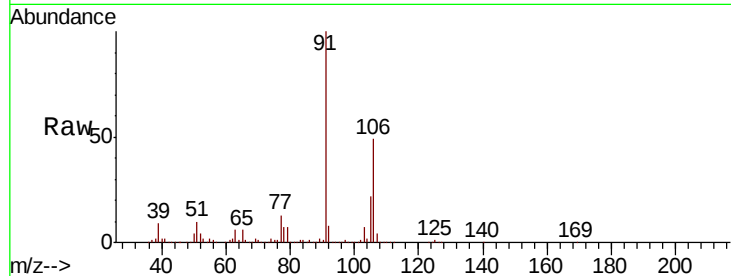




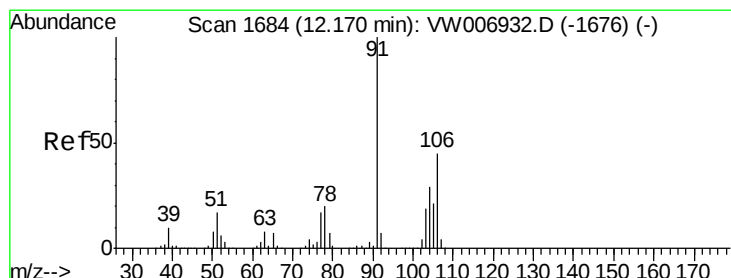
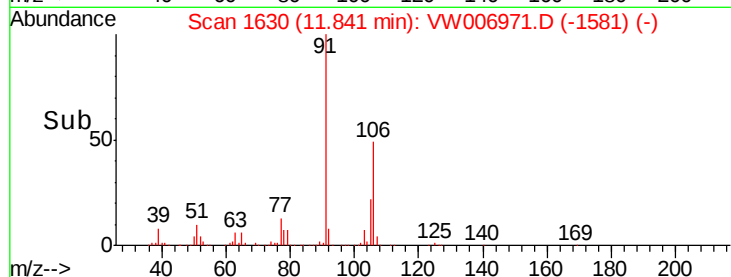
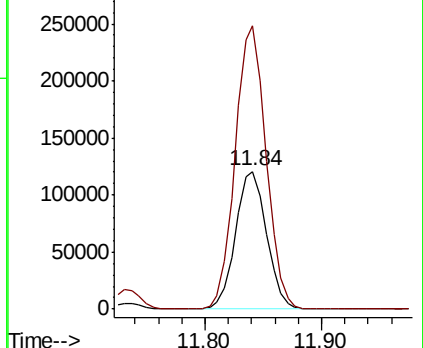
#68
m/p-Xylenes
Concen: 110.828 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW006971.D
Acq: 20 Nov 2018 03:47

Instrument :
MSVOA_W
ClientSampleId :
20180930-AMENDED-WCC-3-COMP

Tot Ion:106 Resp: 223665
Ion Ratio Lower Upper
106 100
91 204.5 165.0 247.4

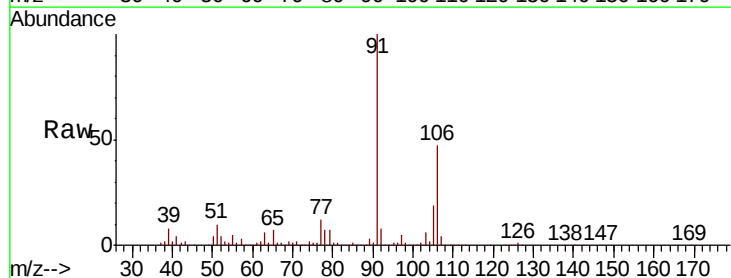


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VW

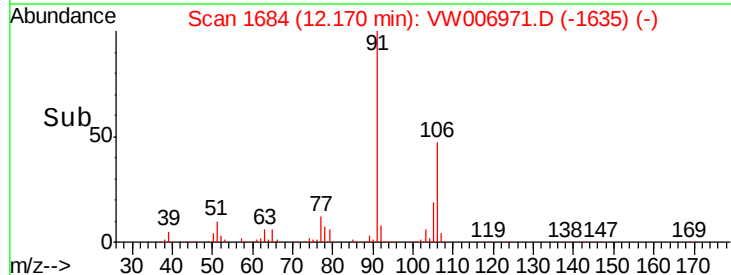
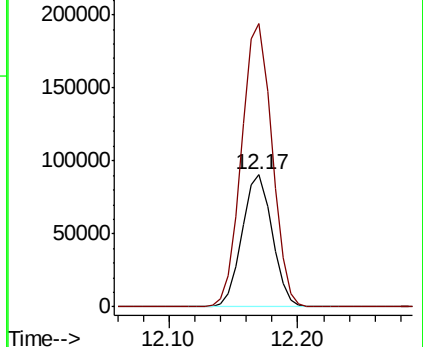


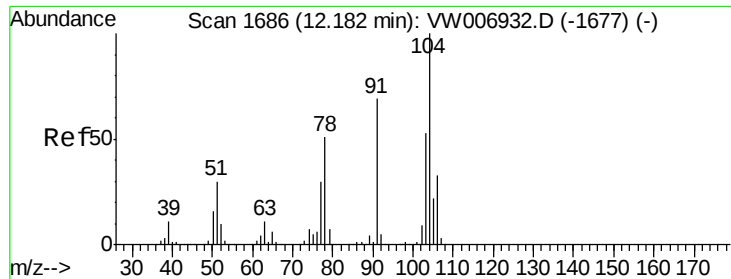
#69
o-Xylene
Concen: 76.144 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW006971.D
Acq: 20 Nov 2018 03:47

Tgt Ion:106 Resp: 145847
Ion Ratio Lower Upper
106 100
91 217.2 109.2 327.6



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VW

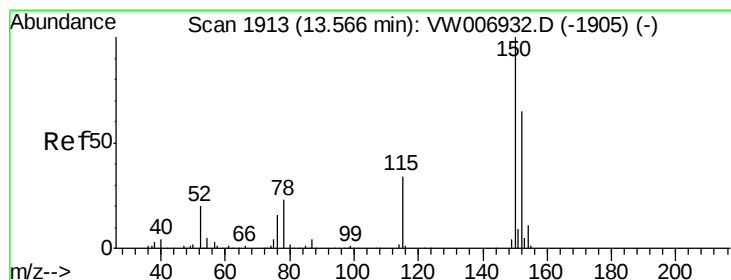
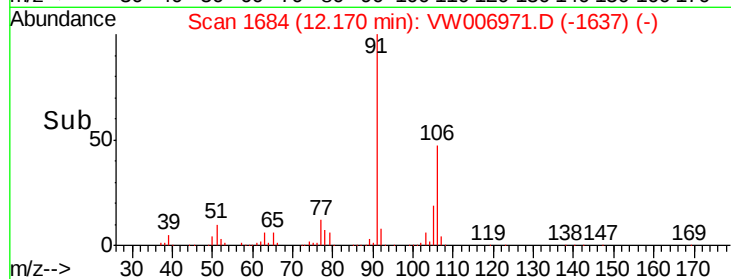
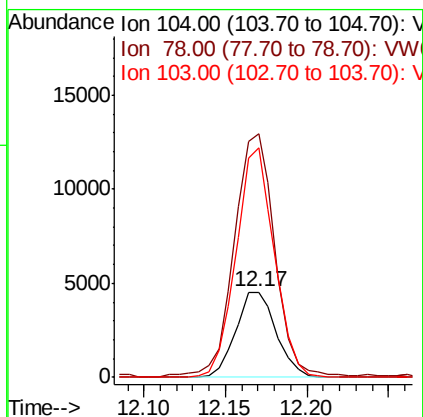
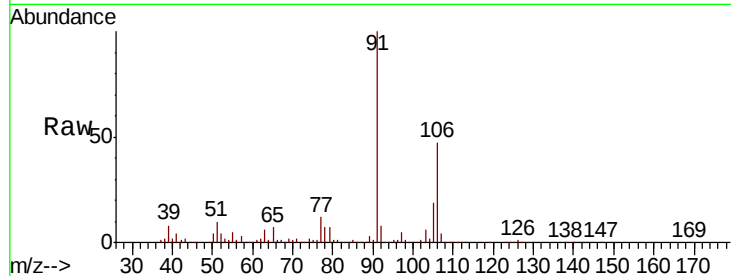




#70
Stvrene
Concen: 2.525 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.01 min
Lab File: VW006971.D
Acq: 20 Nov 2018 03:47

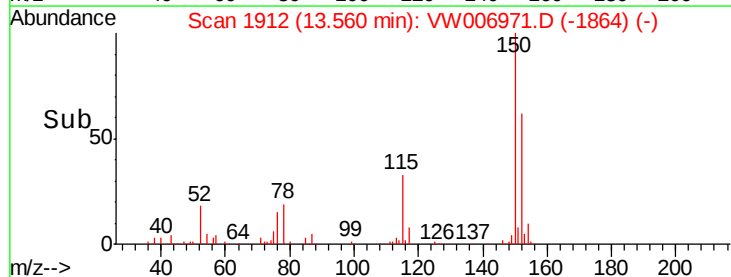
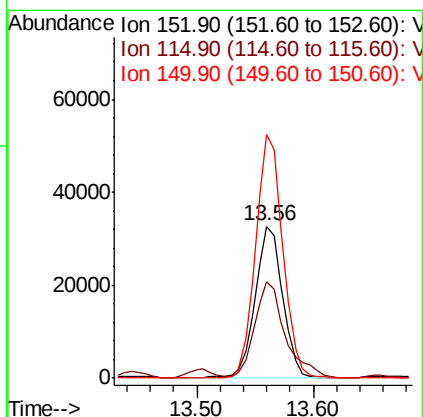
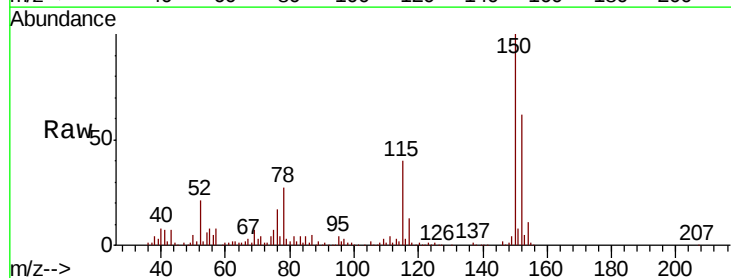
Instrument :
MSVOA_W
ClientSampleId :
20180930-AMENDED-WCC-3-COMP

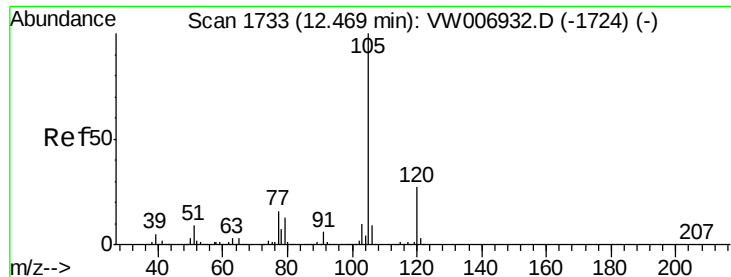
Tot Ion:104 Resp: 7778
Ion Ratio Lower Upper
104 100
78 290.1 42.5 63.7#
103 254.7 44.3 66.5#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.01 min
Lab File: VW006971.D
Acq: 20 Nov 2018 03:47

Tgt Ion:152 Resp: 53816
Ion Ratio Lower Upper
152 100
115 69.3 31.6 94.7
150 157.3 0.0 350.0





#73

Isopropylbenzene

Concen: 6.360 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW006971.D

Acq: 20 Nov 2018 03:47

Instrument :

MSVOA_W

ClientSampleId :

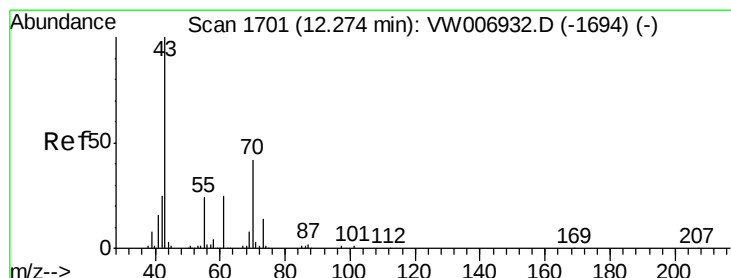
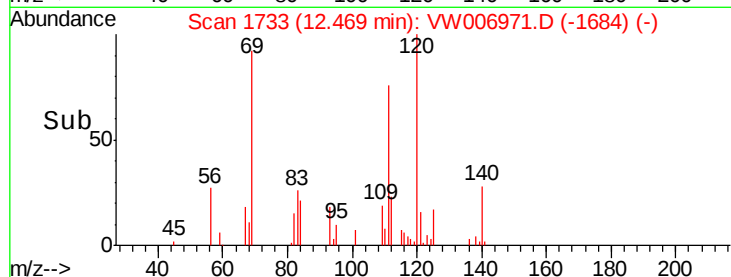
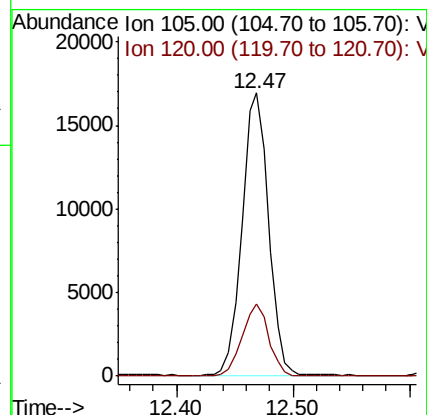
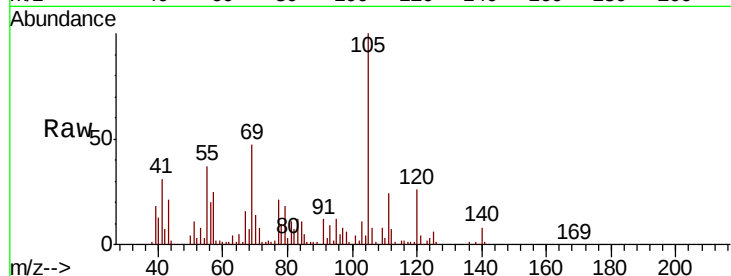
20180930-AMENDED-WCC-3-COMP

Tot Ion:105 Resp: 27108

Ion Ratio Lower Upper

105 100

120 25.4 13.2 39.6



#74

N-ethyl acetate

Concen: 42.639 ug/l

RT: 12.26 min Scan# 1698

Delta R.T. -0.02 min

Lab File: VW006971.D

Acq: 20 Nov 2018 03:47

Tgt Ion: 43 Resp: 36370

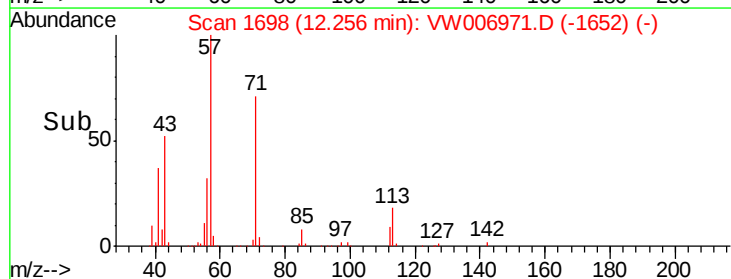
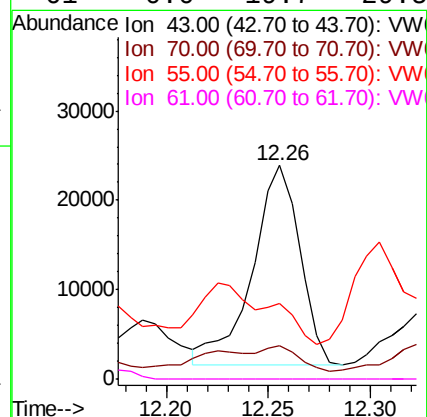
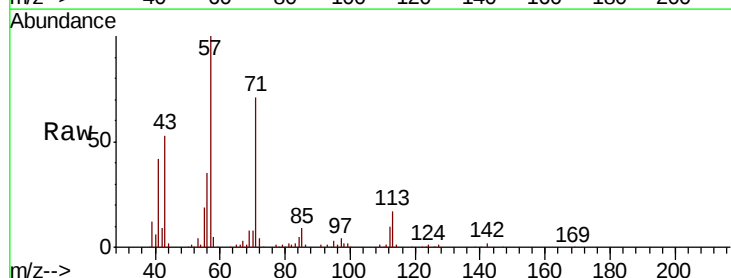
Ion Ratio Lower Upper

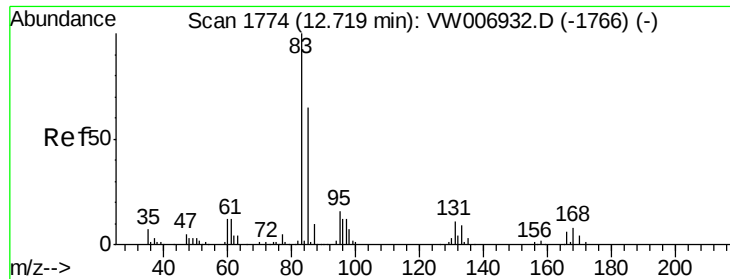
43 100

70 8.7 34.2 51.4#

55 0.0 19.5 29.3#

61 0.0 19.7 29.5#





#75

1,1,2,2-Tetrachloroethane

Concen: 5.927 ug/l

RT: 12.69 min Scan# 1769

Delta R.T. -0.03 min

Lab File: VW006971.D

Acq: 20 Nov 2018 03:47

Instrument :

MSVOA_W

ClientSampleId :

20180930-AMENDED-WCC-3-COMP

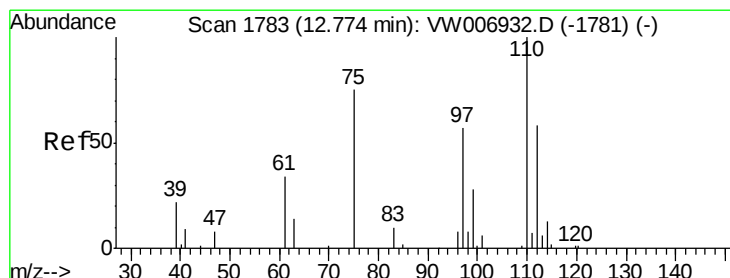
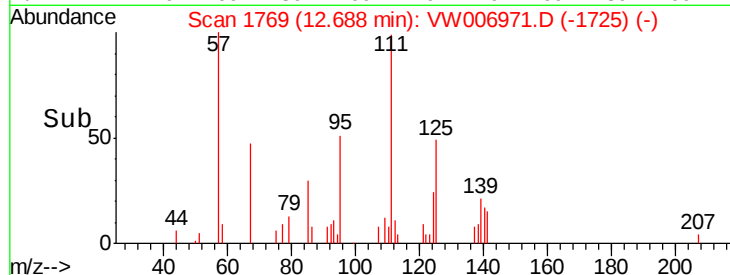
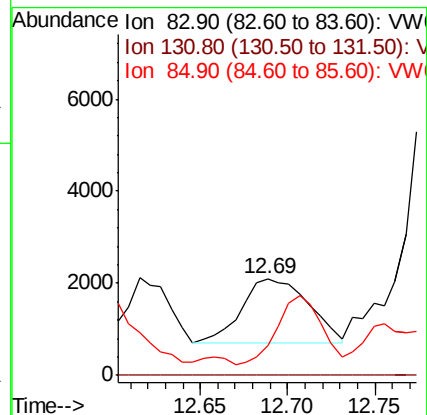
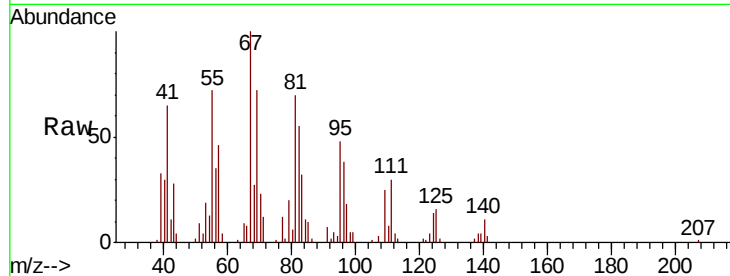
Tot Ion: 83 Resp: 3716

Ion Ratio Lower Upper

83 100

131 0.0 5.6 16.8#

85 69.6 32.5 97.5



#76

1,2,3-Trichloropropane

Concen: 4.007 ug/l

RT: 12.87 min Scan# 1799

Delta R.T. 0.10 min

Lab File: VW006971.D

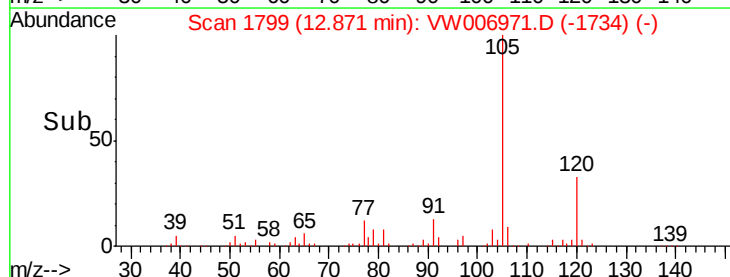
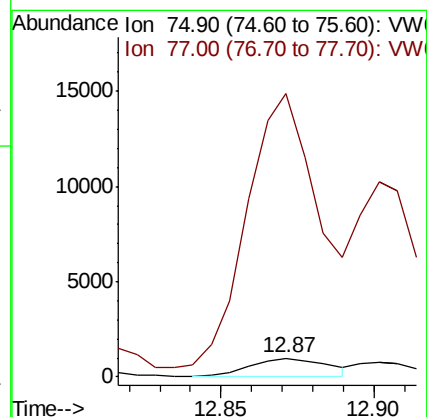
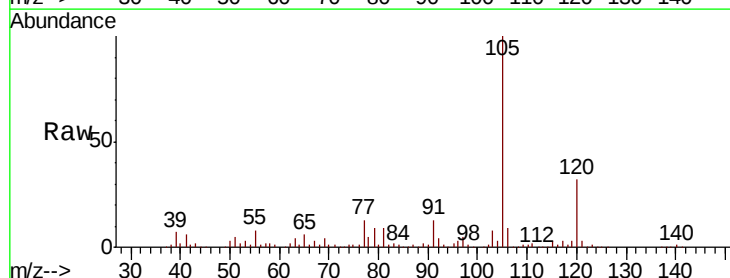
Acq: 20 Nov 2018 03:47

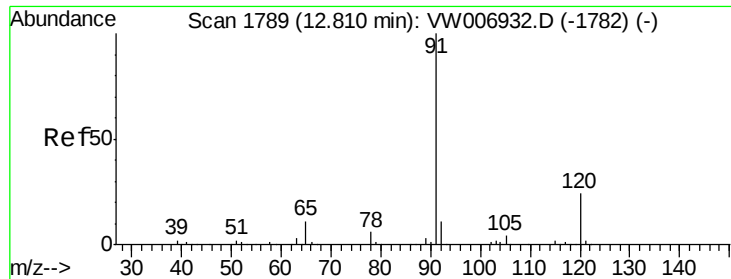
Tgt Ion: 75 Resp: 1733

Ion Ratio Lower Upper

75 100

77 1384.9 0.0 0.0#

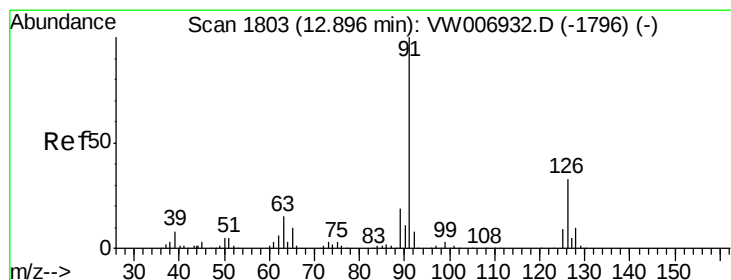
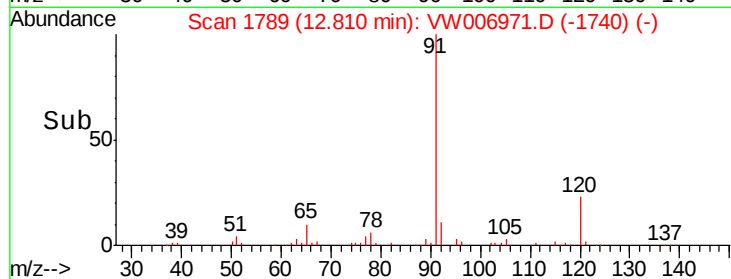
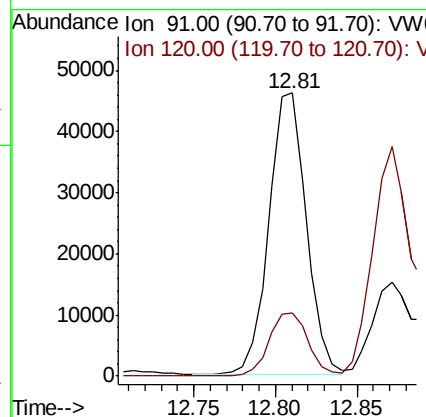
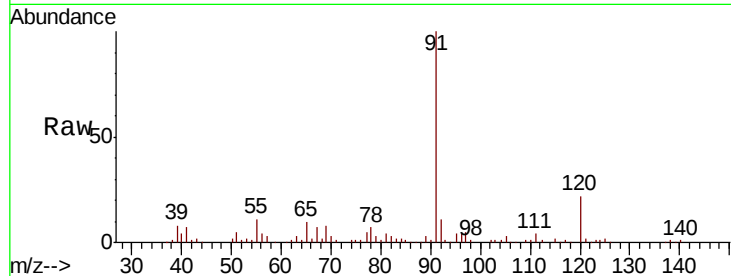




#78
n-propylbenzene
Concen: 14.267 ug/l
RT: 12.81 min Scan# 1789
Delta R.T. -0.00 min
Lab File: VW006971.D
Acq: 20 Nov 2018 03:47

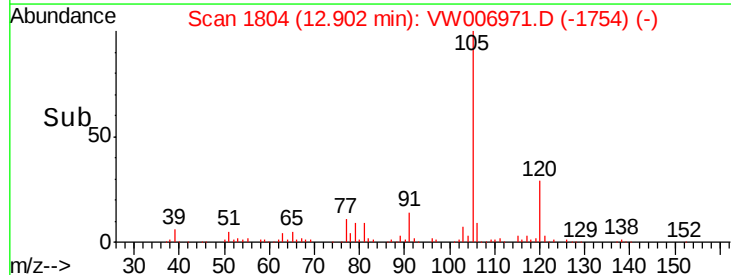
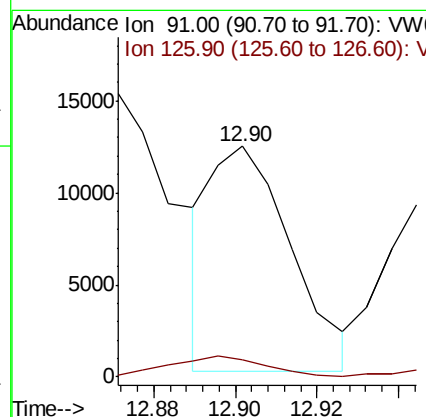
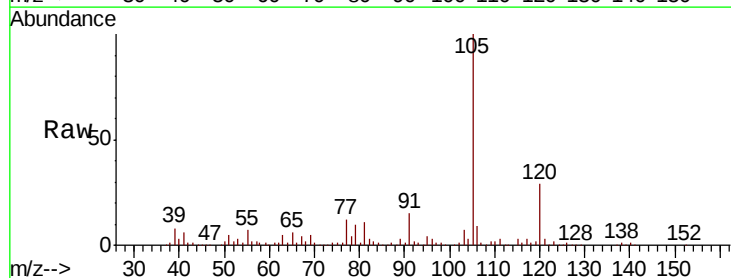
Instrument :
MSVOA_W
ClientSampleId :
20180930-AMENDED-WCC-3-COMP

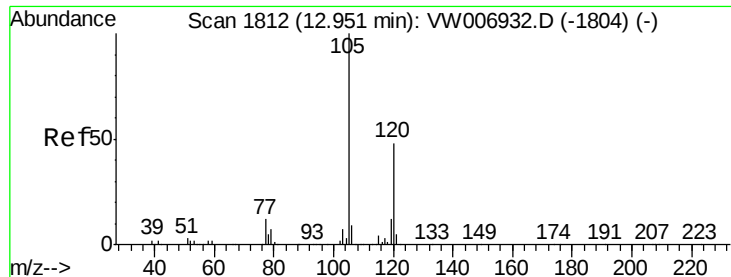
Tot Ion: 91 Resp: 73062
Ion Ratio Lower Upper
91 100
120 23.6 11.5 34.5



#79
2-Chlorotoluene
Concen: 5.575 ug/l
RT: 12.90 min Scan# 1804
Delta R.T. 0.01 min
Lab File: VW006971.D
Acq: 20 Nov 2018 03:47

Tgt Ion: 91 Resp: 16733
Ion Ratio Lower Upper
91 100
126 12.4 16.6 49.7#

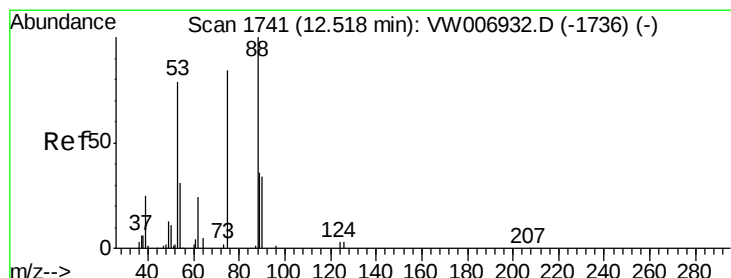
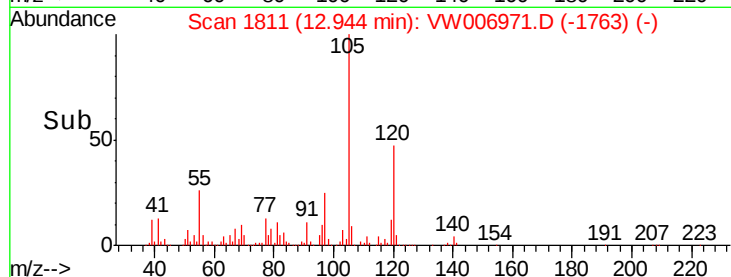
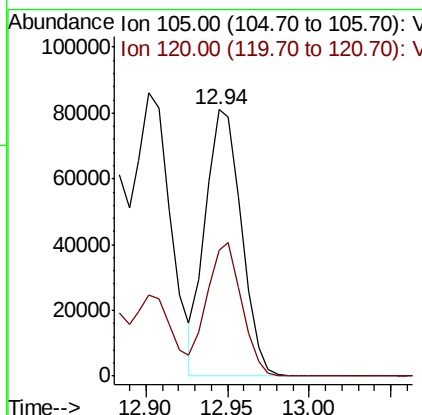
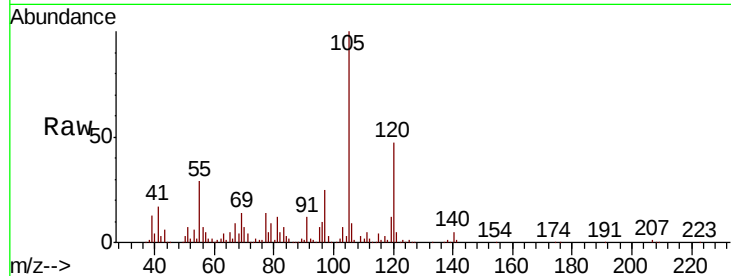




#80
 1,3,5-Trimethylbenzene
 Concen: 33.954 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. -0.01 min
 Lab File: VW006971.D
 Acq: 20 Nov 2018 03:47

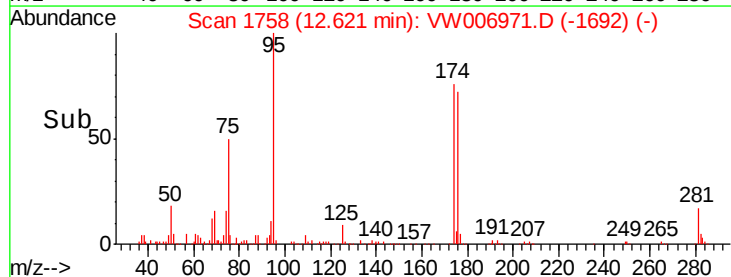
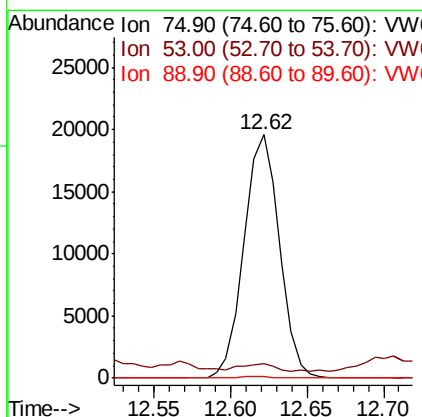
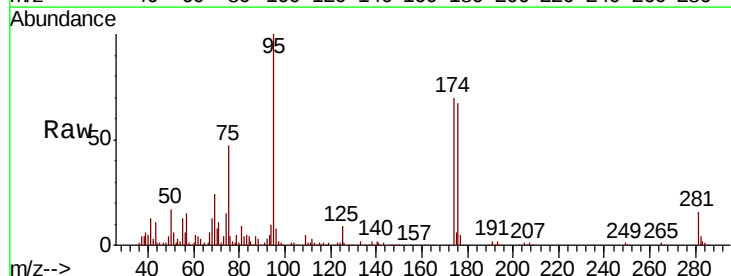
Instrument :
 MSVOA_W
 ClientSampleId :
 20180930-AMENDED-WCC-3-COMP

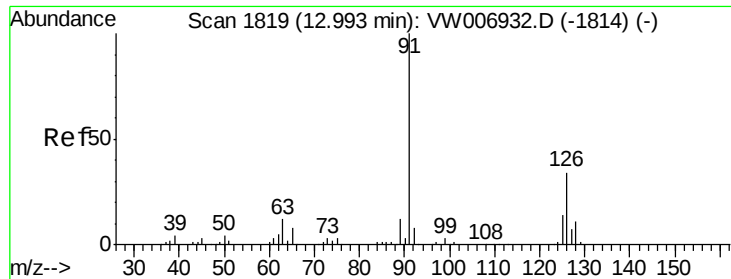
Tot Ion:105 Resp: 124606
 Ion Ratio Lower Upper
 105 100
 120 48.4 23.5 70.5



#81
 trans-1,4-Dichloro-2-butene
 Concen: 165.733 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.10 min
 Lab File: VW006971.D
 Acq: 20 Nov 2018 03:47

Tgt Ion: 75 Resp: 31487
 Ion Ratio Lower Upper
 75 100
 53 3.4 79.3 118.9#
 89 0.5 39.5 59.3#

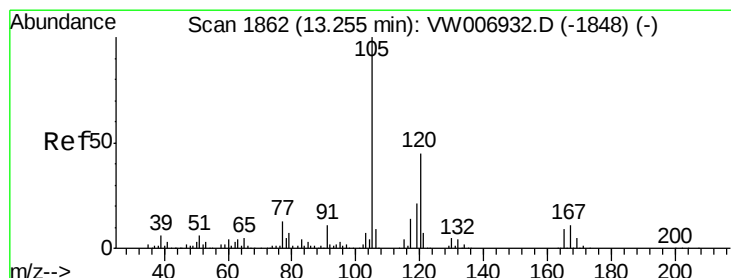
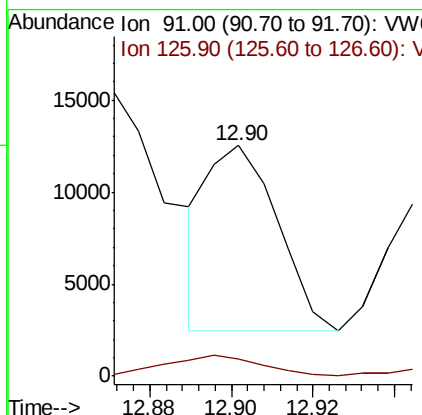
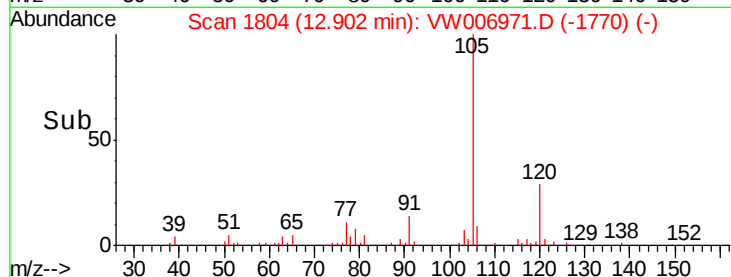
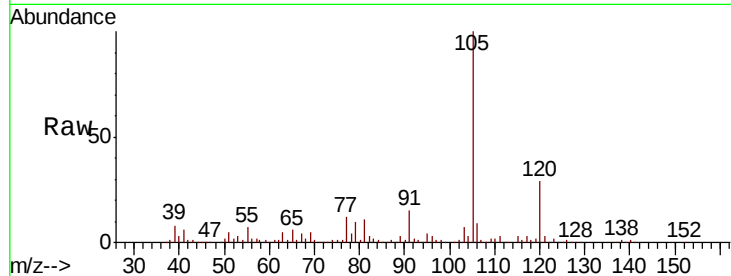




#82
4-Chlorotoluene
Concen: 3.756 ug/l
RT: 12.90 min Scan# 1804
Delta R.T. -0.09 min
Lab File: VW006971.D
Acq: 20 Nov 2018 03:47

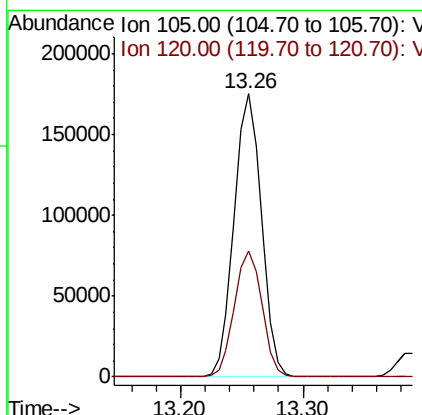
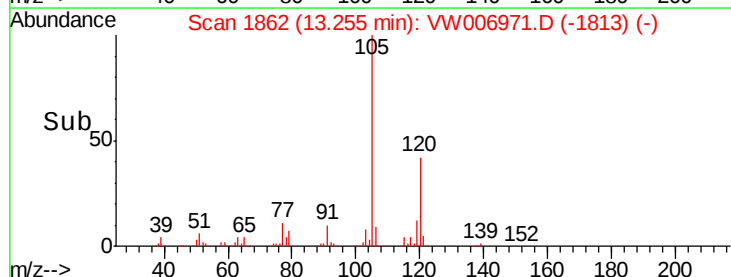
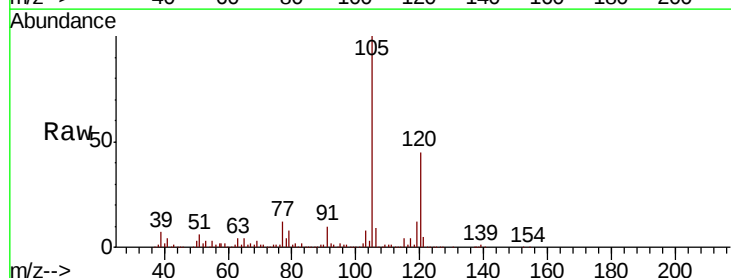
Instrument :
MSVOA_W
ClientSampleId :
20180930-AMENDED-WCC-3-COMP

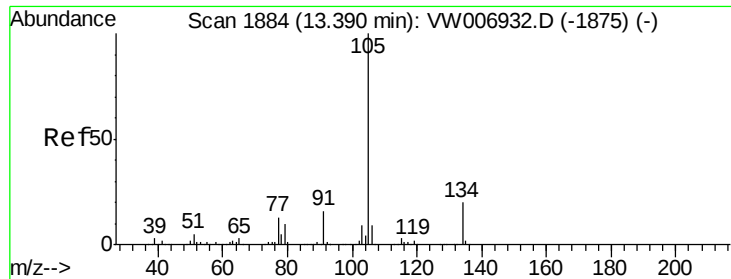
Tot Ion: 91 Resp: 11885
Ion Ratio Lower Upper
91 100
126 17.4 16.2 48.6



#84
1,2,4-Trimethylbenzene
Concen: 73.488 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. -0.00 min
Lab File: VW006971.D
Acq: 20 Nov 2018 03:47

Tgt Ion:105 Resp: 270933
Ion Ratio Lower Upper
105 100
120 45.0 21.9 65.8





#85

sec-Butylbenzene

Concen: 5.409 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VW006971.D

Acq: 20 Nov 2018 03:47

Instrument :

MSVOA_W

ClientSampleId :

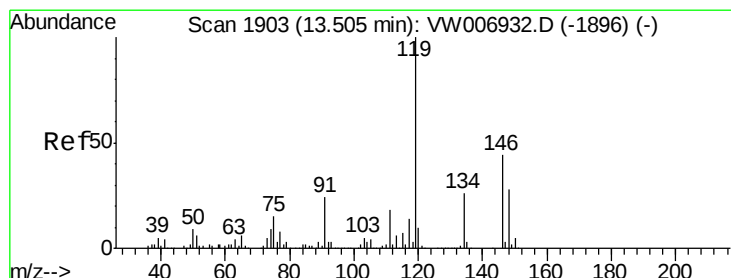
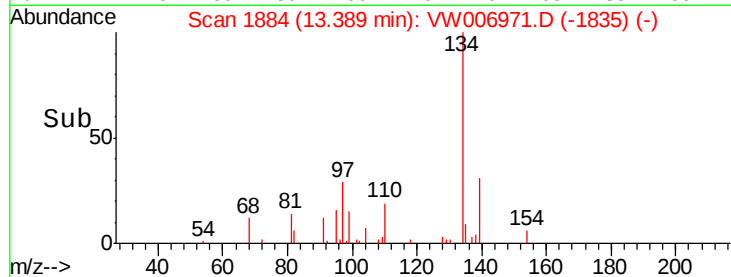
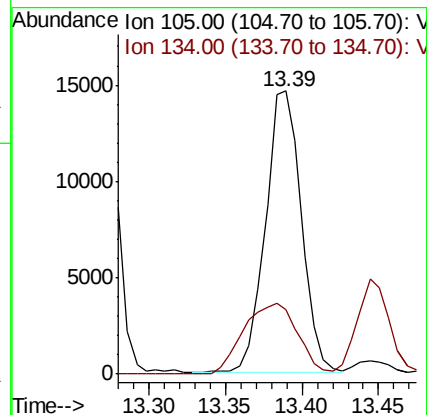
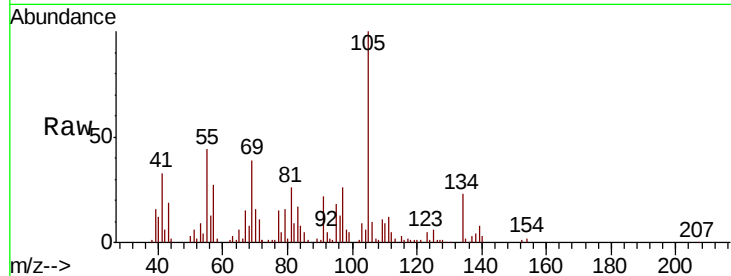
20180930-AMENDED-WCC-3-COMP

Tot Ion:105 Resp: 24051

Ion Ratio Lower Upper

105 100

134 37.4 9.8 29.4#



#86

p-Isopropyltoluene

Concen: 8.585 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.01 min

Lab File: VW006971.D

Acq: 20 Nov 2018 03:47

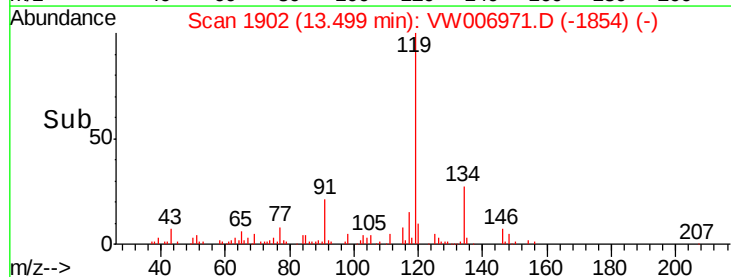
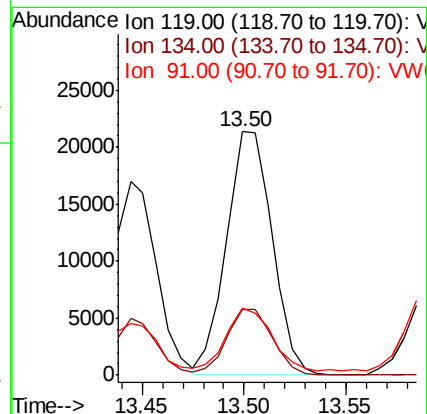
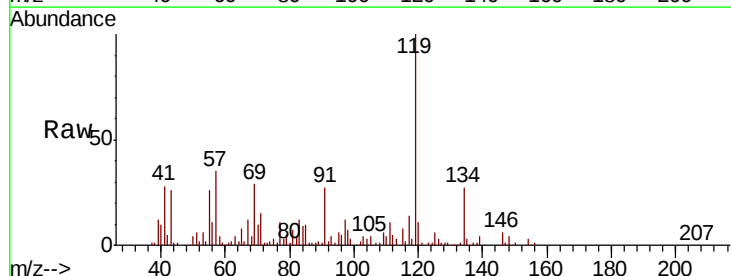
Tgt Ion:119 Resp: 33365

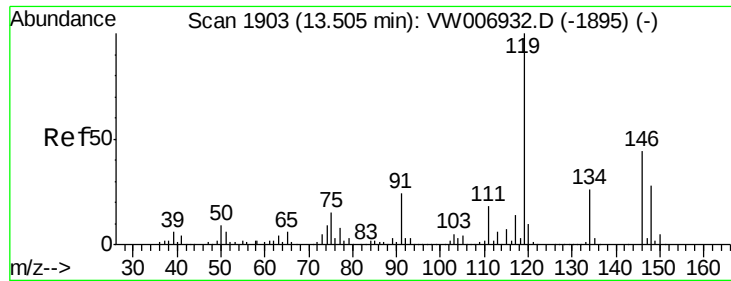
Ion Ratio Lower Upper

119 100

134 27.1 12.7 38.1

91 25.5 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 1.305 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. -0.00 min

Lab File: VW006971.D

Acq: 20 Nov 2018 03:47

Instrument :

MSVOA_W

ClientSampleId :

20180930-AMENDED-WCC-3-COMP

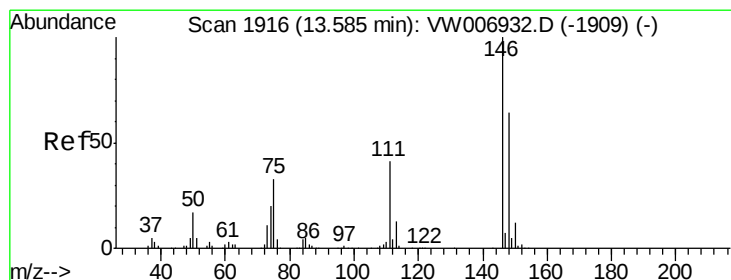
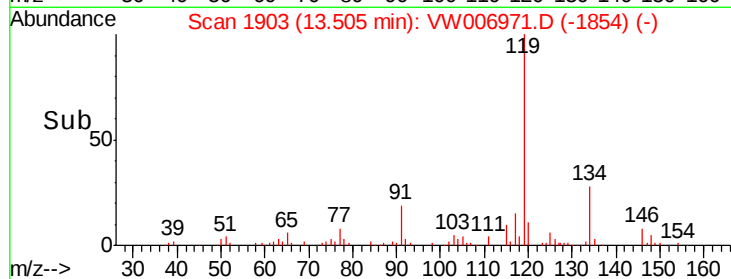
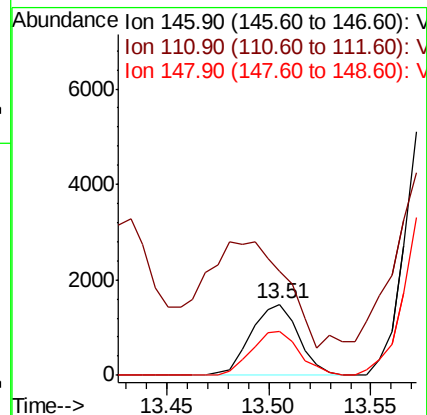
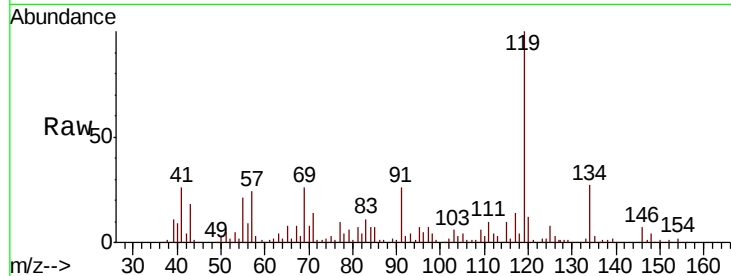
Tot Ion:146 Resp: 2410

Ion Ratio Lower Upper

146 100

111 0.0 21.3 63.9#

148 62.0 31.9 95.9



#88

1,4-Dichlorobenzene

Concen: 6.888 ug/l

RT: 13.58 min Scan# 1916

Delta R.T. -0.00 min

Lab File: VW006971.D

Acq: 20 Nov 2018 03:47

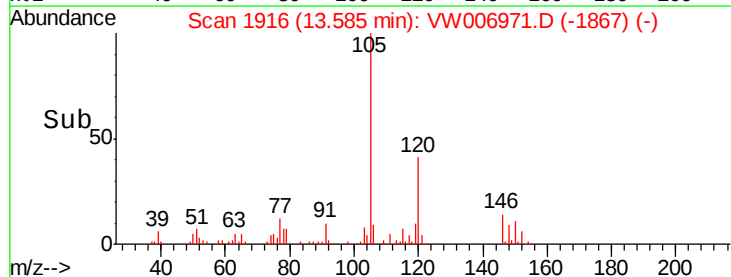
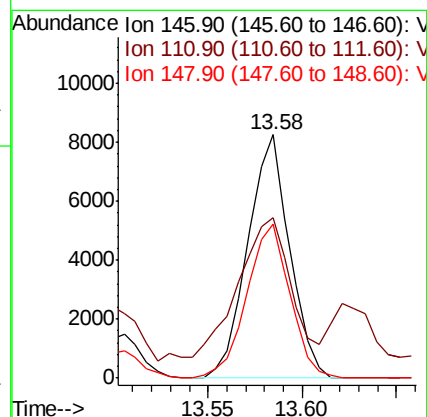
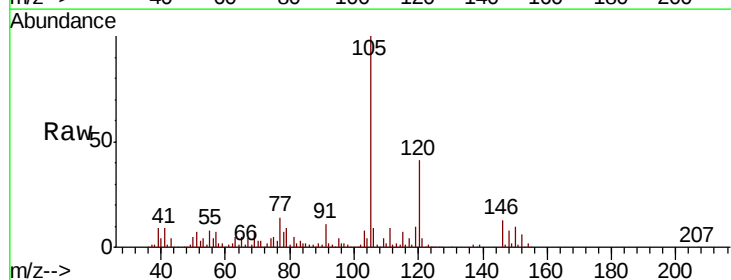
Tgt Ion:146 Resp: 12680

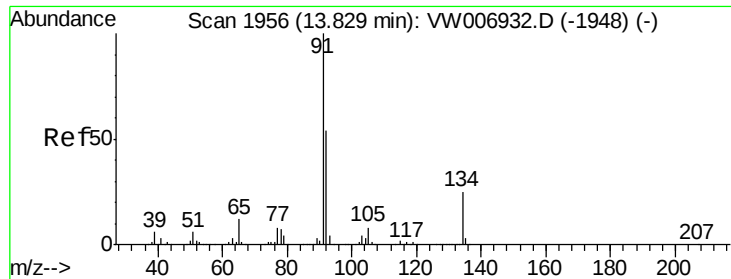
Ion Ratio Lower Upper

146 100

111 69.7 20.7 62.1#

148 65.5 31.9 95.9

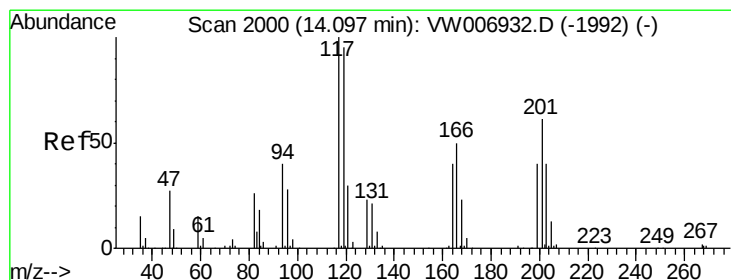
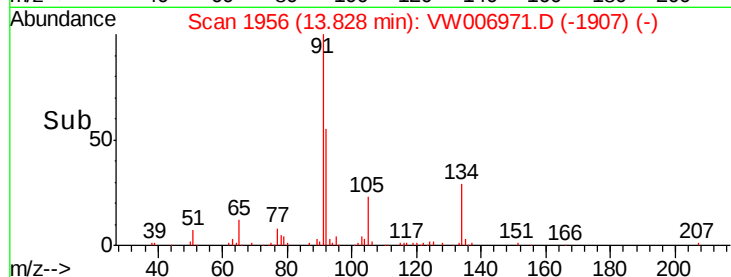
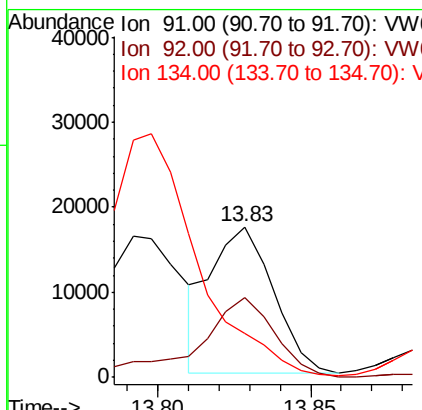
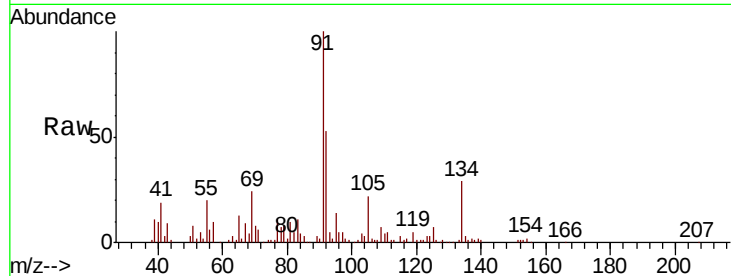




#89
n-Butylbenzene
Concen: 6.543 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. -0.00 min
Lab File: VW006971.D
Acq: 20 Nov 2018 03:47

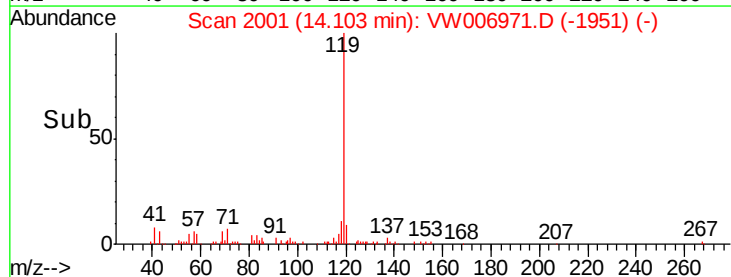
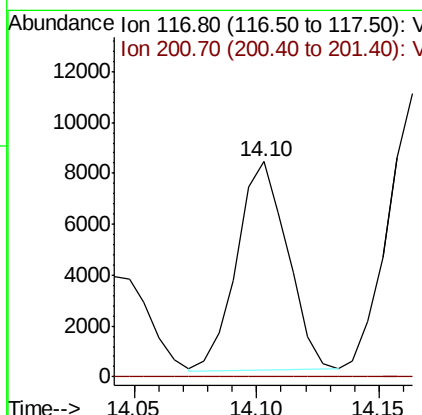
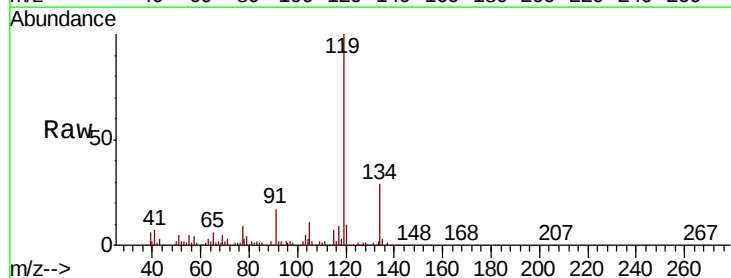
Instrument :
MSVOA_W
ClientSampleId :
20180930-AMENDED-WCC-3-COMP

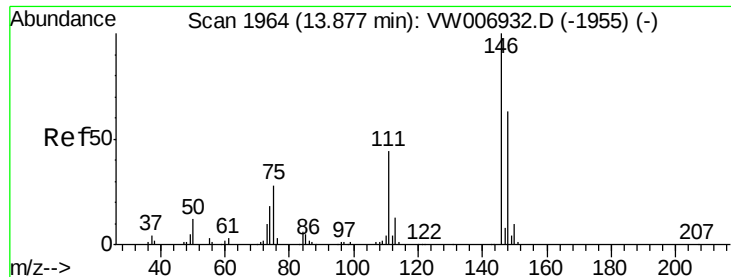
Tot Ion: 91 Resp: 24071
Ion Ratio Lower Upper
91 100
92 66.3 26.4 79.2
134 0.0 12.9 38.6#



#90
Hexachloroethane
Concen: 18.692 ug/l
RT: 14.10 min Scan# 2001
Delta R.T. 0.01 min
Lab File: VW006971.D
Acq: 20 Nov 2018 03:47

Tgt Ion: 117 Resp: 11843
Ion Ratio Lower Upper
117 100
201 0.0 33.8 101.4#





#91

1,2-Dichlorobenzene

Concen: 1.485 ug/l

RT: 13.88 min Scan# 1964

Delta R.T. -0.00 min

Lab File: VW006971.D

Acq: 20 Nov 2018 03:47

Instrument :

MSVOA_W

ClientSampleId :

20180930-AMENDED-WCC-3-COMP

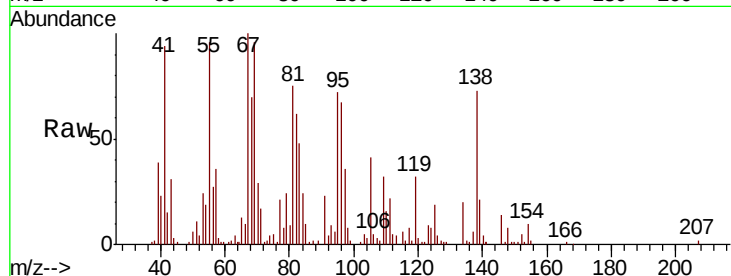
Tot Ion:146 Resp: 2452

Ion Ratio Lower Upper

146 100

111 243.0 22.6 67.7#

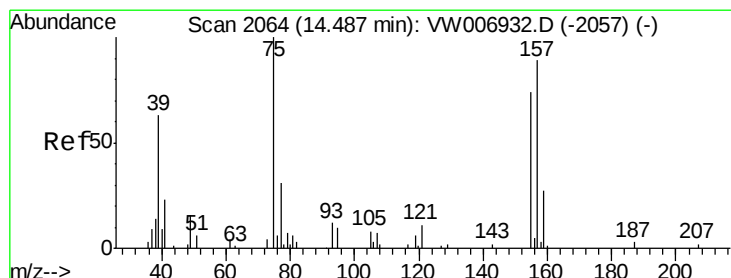
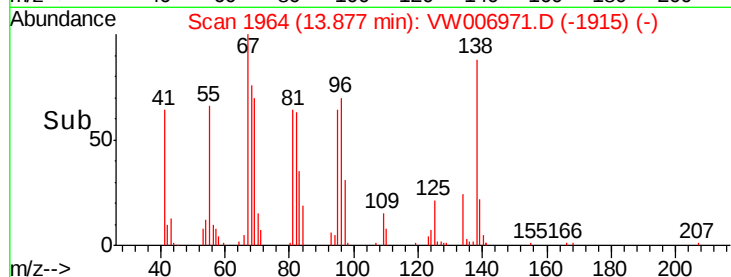
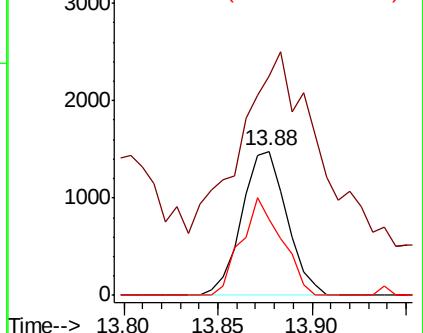
148 61.1 31.7 95.1



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 4.074 ug/l

RT: 14.51 min Scan# 2068

Delta R.T. 0.02 min

Lab File: VW006971.D

Acq: 20 Nov 2018 03:47

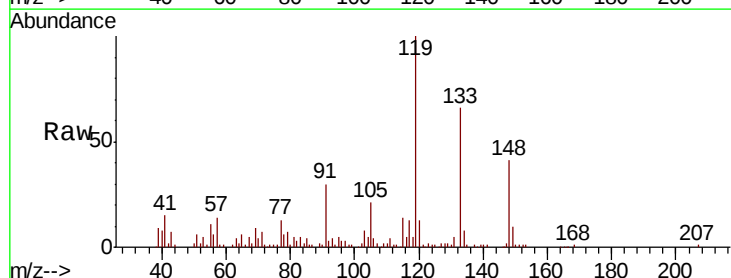
Tgt Ion: 75 Resp: 442

Ion Ratio Lower Upper

75 100

155 0.0 38.6 115.7#

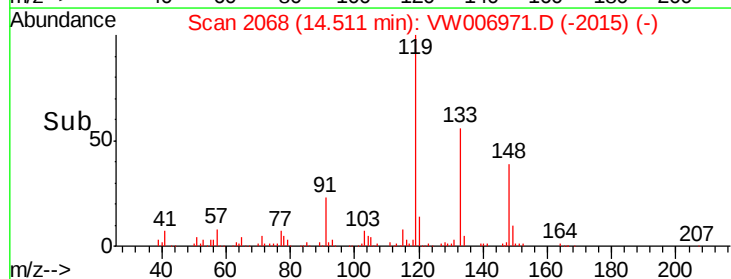
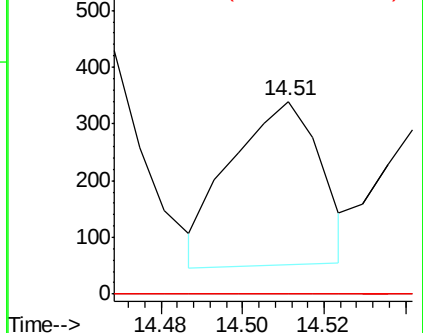
157 0.0 49.7 149.1#

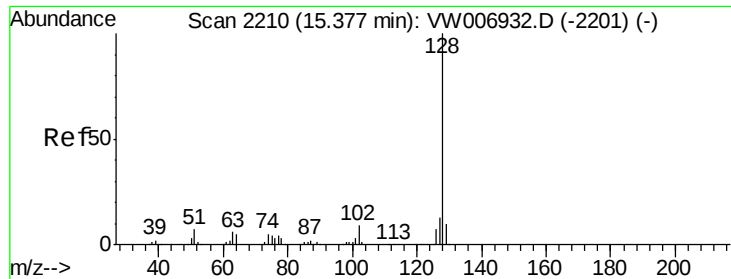


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

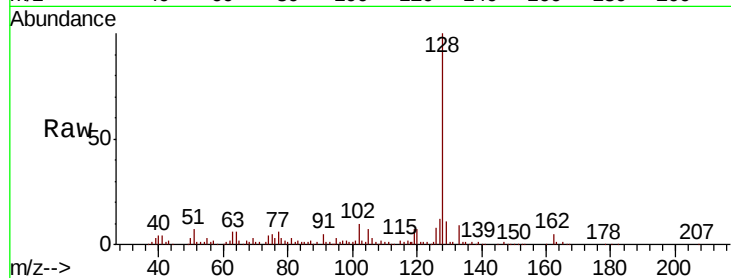




#95
Naphthalene
Concen: 36.124 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. -0.00 min
Lab File: VW006971.D
Acq: 20 Nov 2018 03:47

Instrument :
MSVOA_W
ClientSampleId :
20180930-AMENDED-WCC-3-COMP

Tot Ion:128 Resp: 72332
Ion Ratio Lower Upper
128 100
127 13.9 10.6 15.8
129 10.6 8.5 12.7



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

