

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW112018\
 Data File : VW006967.D
 Acq On : 20 Nov 2018 02:05
 Operator : SY/AP
 Sample : J5993-02
 Misc : 5.06G/5ML/MSVOA W/SOIL
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 20180926-WCC-2-COMPOSITE

Quant Time: Nov 20 04:40:01 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	7.96	168	9430	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	15907	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	12389	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	5090	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	5179	49.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.56%	
35) Dibromofluoromethane	7.88	113	4424	47.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.00%	
50) Toluene-d8	10.33	98	16973	42.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.80%	
62) 4-Bromofluorobenzene	12.62	95	6080	38.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	77.92%	

Target Compounds

						Qvalue
6) Chloroethane	2.93	64	130	3.064	ug/l #	45
15) Acrylonitrile	5.45	53	199	9.423	ug/l #	27
16) Acetone	4.12	43	1631	101.464	ug/l	98
17) Carbon Disulfide	4.40	76	1894	6.891	ug/l #	75
20) Methylene Chloride	4.91	84	756	3.704	ug/l #	87
25) 2-Butanone	7.17	43	643	24.086	ug/l #	47
31) Cyclohexane	7.95	56	5268	29.273	ug/l	88
36) 1,1-Dichloropropene	7.95	75	770	5.081	ug/l #	41
37) Ethyl Acetate	7.17	43	643	9.980	ug/l #	68
38) Carbon Tetrachloride	7.95	117	1065	7.151	ug/l #	13
39) Methylcyclohexane	9.34	83	20708	110.109	ug/l	97
40) Benzene	8.33	78	6481	15.132	ug/l	92
41) Methacrylonitrile	7.63	41	83	2.103	ug/l #	24
43) Isopropyl Acetate	8.42	43	2358	19.073	ug/l #	51
45) 1,2-Dichloropropane	9.34	63	174	1.608	ug/l #	1
47) Bromodichloromethane	9.62	83	958	6.641	ug/l #	25
48) Methyl methacrylate	9.48	41	623	10.443	ug/l #	11
51) 4-Methyl-2-Pentanone	10.25	43	1424	23.370	ug/l #	54
52) Toluene	10.39	92	2021	7.053	ug/l	91
53) t-1,3-Dichloropropene	10.70	75	165	1.170	ug/l #	84
55) 1,1,2-Trichloroethane	10.76	97	5622	69.594	ug/l #	24
56) Ethyl methacrylate	10.66	69	2033	20.242	ug/l #	13
59) 2-Hexanone	10.94	43	8036	197.056	ug/l #	29
65) Chlorobenzene	11.65	112	273	1.044	ug/l #	44
67) Ethyl Benzene	11.73	91	11179	23.702	ug/l	98
68) m/p-Xylenes	11.84	106	12539	68.272	ug/l	98
69) o-Xylene	12.17	106	8097	46.450	ug/l	98
70) Styrene	12.17	104	547	1.951	ug/l #	1
71) Bromoform	12.35	173	50	1.287	ug/l #	29
73) Isopropylbenzene	12.47	105	3515	8.720	ug/l	87
74) N-amyl acetate	12.26	43	5535	68.609	ug/l #	60
75) 1,1,2,2-Tetrachloroethane	12.70	83	1024	17.270	ug/l	83
76) 1,2,3-Trichloropropane	12.90	75	120	2.934	ug/l #	100
78) n-propylbenzene	12.81	91	7480	15.443	ug/l	99

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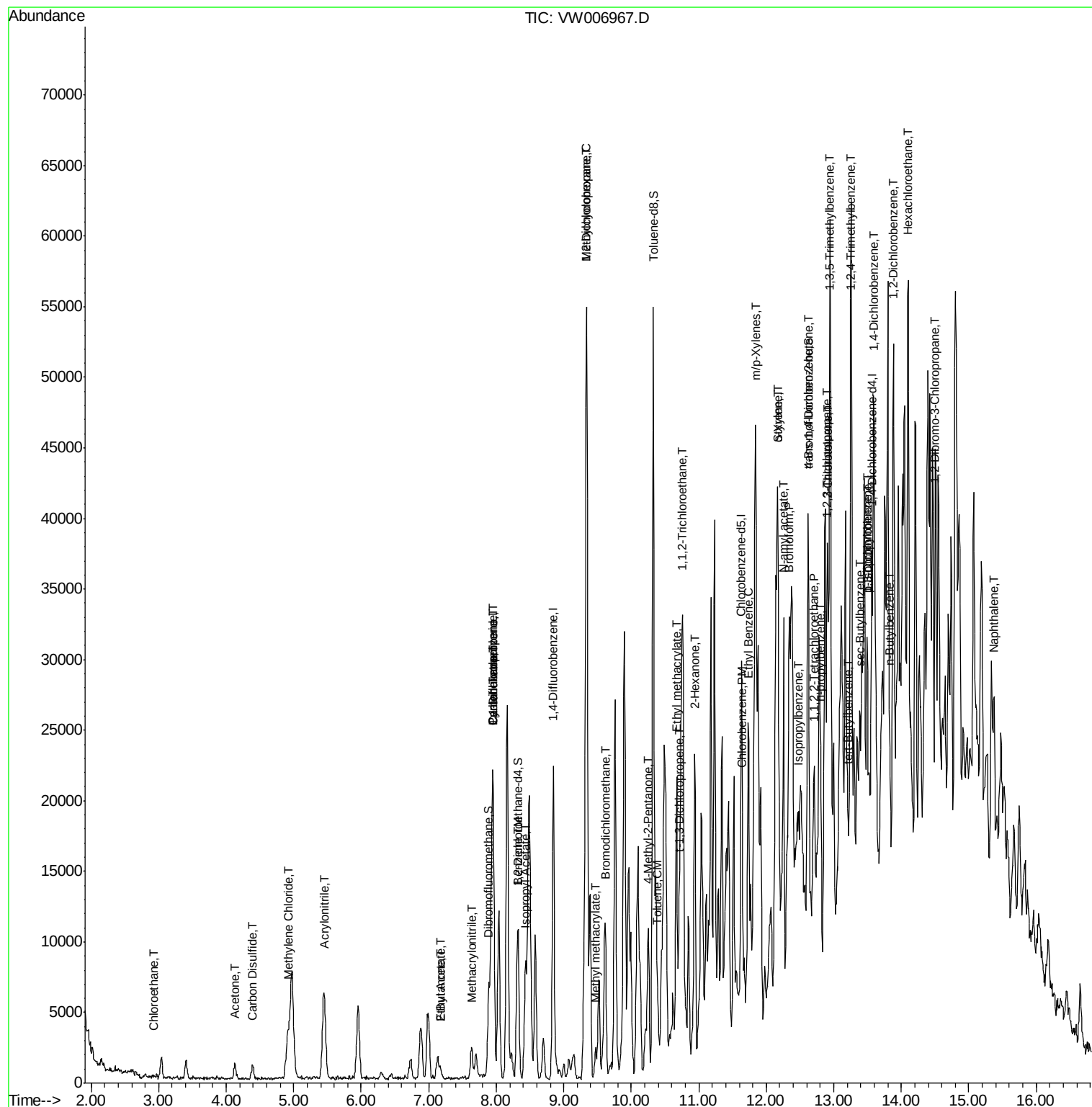
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
79) 2-Chlorotoluene	12.90	91	1566	5.517	ug/l #	42
80) 1,3,5-Trimethylbenzene	12.94	105	14502	41.780	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.62	75	2440	135.788	ug/l #	14
83) tert-Butylbenzene	13.21	119	522	1.771	ug/l #	25
84) 1,2,4-Trimethylbenzene	13.26	105	27386	78.538	ug/l	99
85) sec-Butylbenzene	13.39	105	3822	9.087	ug/l #	68
86) p-Isopropyltoluene	13.50	119	3373	9.176	ug/l	89
87) 1,3-Dichlorobenzene	13.50	146	184	1.053	ug/l #	1
88) 1,4-Dichlorobenzene	13.58	146	433	2.487	ug/l #	1
89) n-Butylbenzene	13.83	91	2609	7.498	ug/l #	51
90) Hexachloroethane	14.10	117	1628	27.167	ug/l #	16
91) 1,2-Dichlorobenzene	13.88	146	353	2.260	ug/l #	1
92) 1,2-Dibromo-3-Chloropropan	14.49	75	51	4.970	ug/l #	5
95) Naphthalene	15.38	128	9619	50.792	ug/l #	91

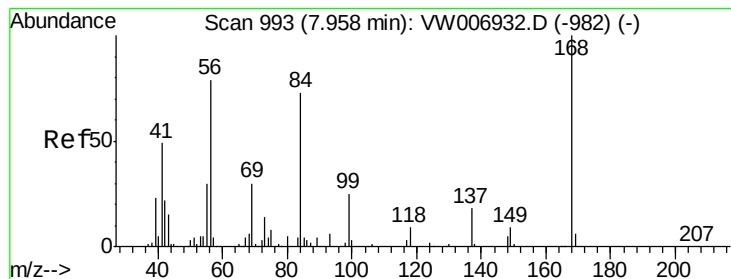
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.00 min

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Acq: 20 Nov 2018 02:05

Instrument :

MSVOA_W

ClientSampleId :

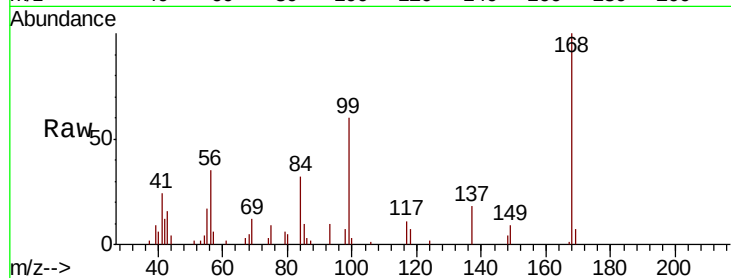
20180926-WCC-2-COMPOSITE

Tot Ion:168 Resp: 9430

Ion Ratio Lower Upper

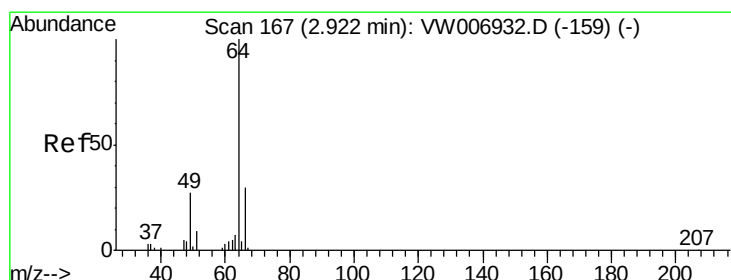
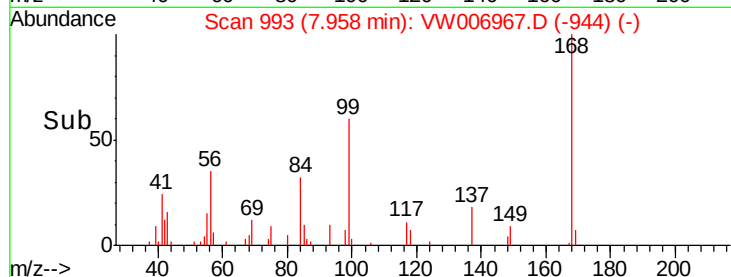
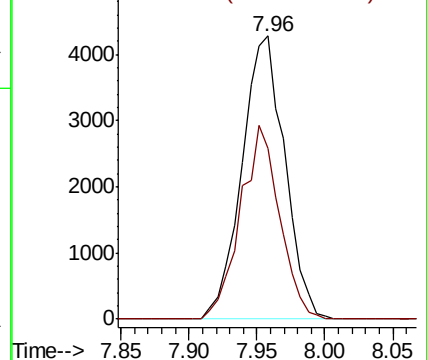
168 100

99 60.5 49.3 73.9



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW



#6

Chloroethane

Concen: 3.064 ug/l

RT: 2.93 min Scan# 168

Delta R.T. 0.01 min

Lab File: VW006967.D

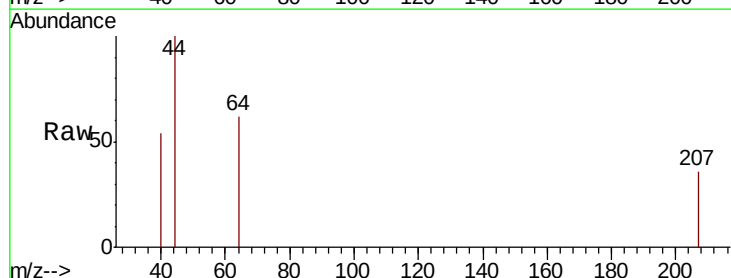
Acq: 20 Nov 2018 02:05

Tgt Ion: 64 Resp: 130

Ion Ratio Lower Upper

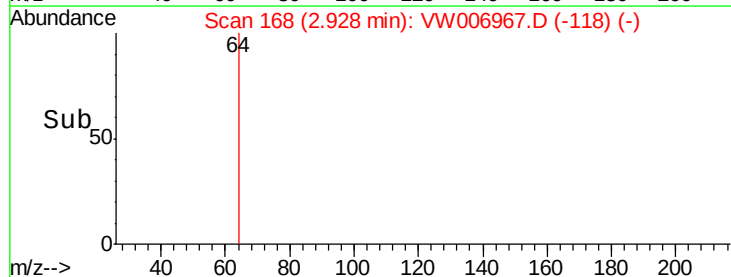
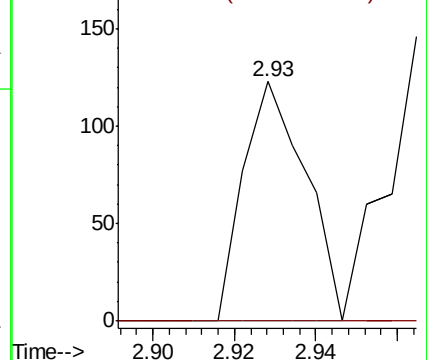
64 100

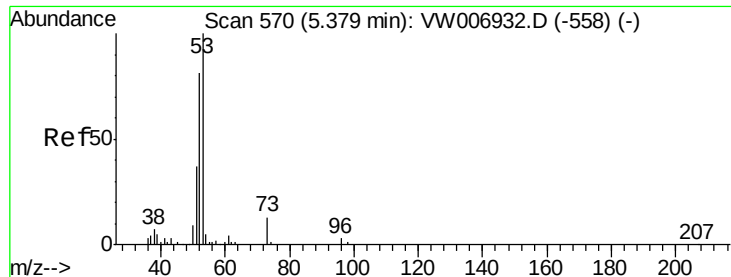
66 0.0 24.0 36.0#



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW





#15

Acrylonitrile

Concen: 9.423 ug/l

RT: 5.45 min Scan# 582

Delta R.T. 0.07 min

Lab File: VW006967.D

Acq: 20 Nov 2018 02:05

Instrument :

MSVOA_W

ClientSampleId :

20180926-WCC-2-COMPOSITE

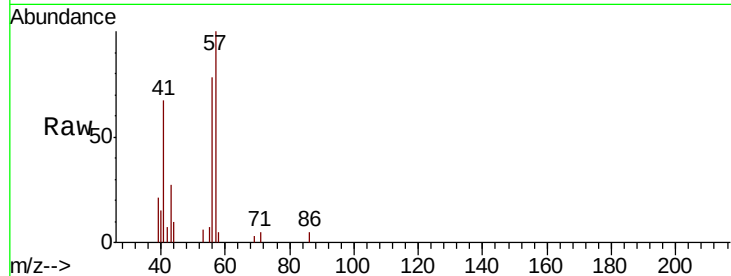
Tot Ion: 53 Resp: 199

Ion Ratio Lower Upper

53 100

52 0.0 67.0 100.6#

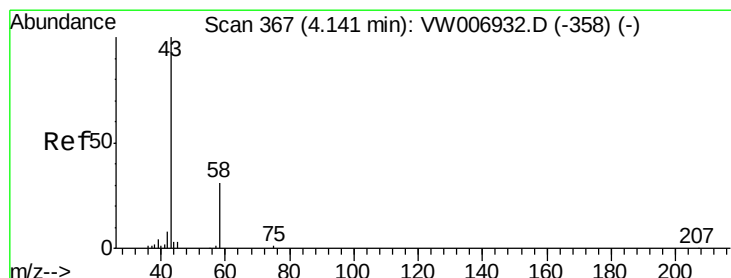
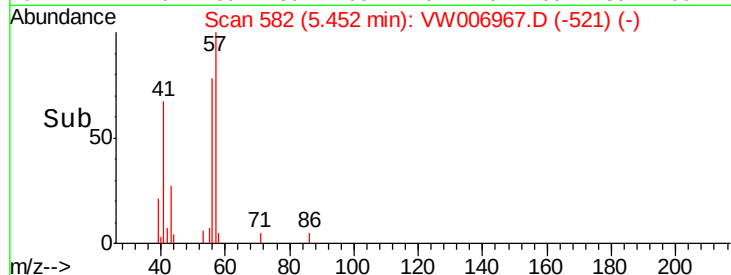
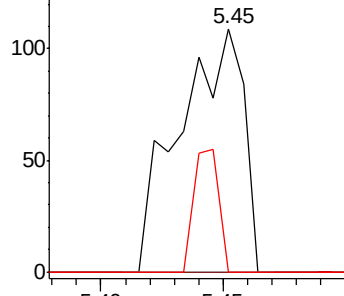
51 20.1 29.8 44.6#



Abundance Ion 53.00 (52.70 to 53.70): VW

Ion 52.00 (51.70 to 52.70): VW

Ion 51.00 (50.70 to 51.70): VW



#16

Acetone

Concen: 101.464 ug/l

RT: 4.12 min Scan# 364

Delta R.T. -0.02 min

Lab File: VW006967.D

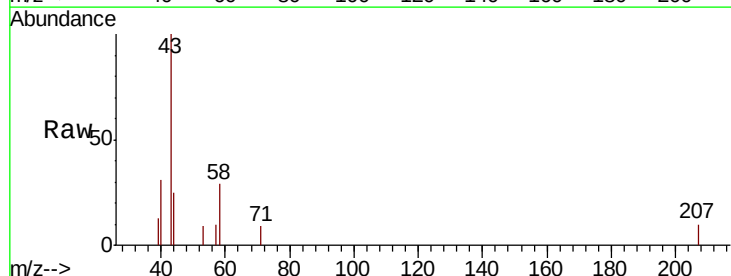
Acq: 20 Nov 2018 02:05

Tgt Ion: 43 Resp: 1631

Ion Ratio Lower Upper

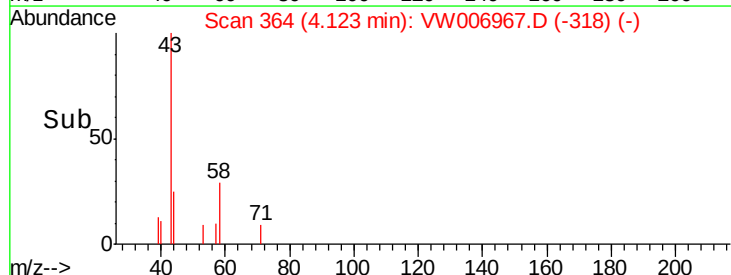
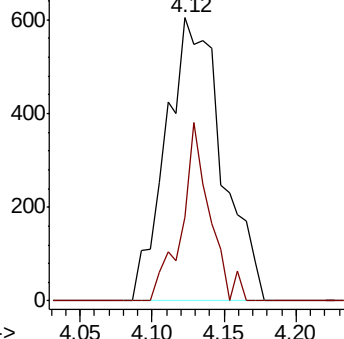
43 100

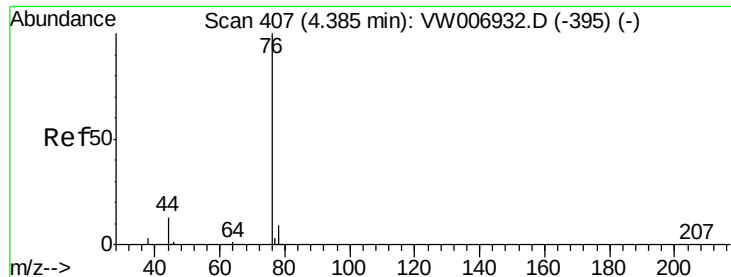
58 29.5 24.2 36.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#17

Carbon Disulfide

Concen: 6.891 ug/l

RT: 4.40 min Scan# 409

Delta R.T. 0.01 min

Lab File: VW006967.D

Acq: 20 Nov 2018 02:05

Instrument :

MSVOA_W

ClientSampleId :

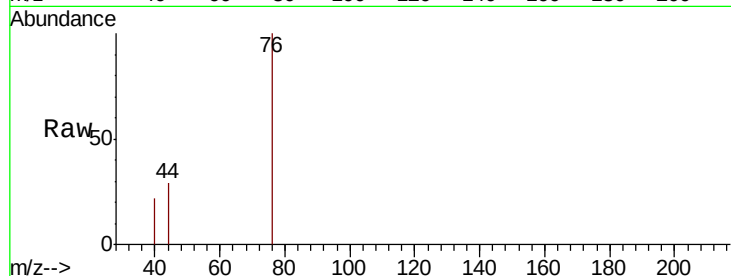
20180926-WCC-2-COMPOSITE

Tot Ion: 76 Resp: 1894

Ion Ratio Lower Upper

76 100

78 0.0 7.1 10.7#



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW

4.40

800

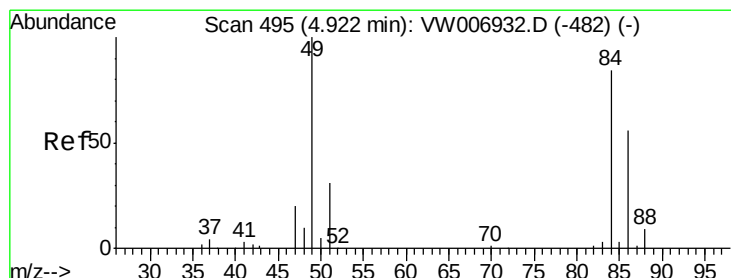
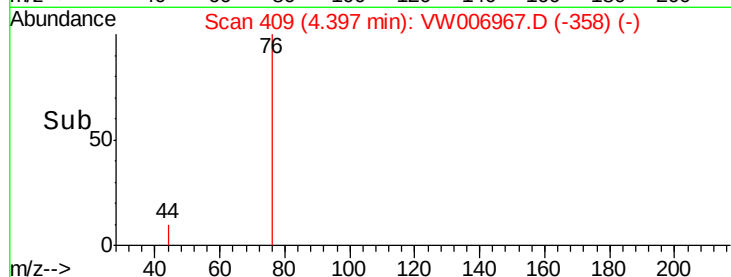
600

400

200

0

Time-->



#20

Methylene Chloride

Concen: 3.704 ug/l

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW006967.D

Acq: 20 Nov 2018 02:05

Tgt Ion: 84 Resp: 756

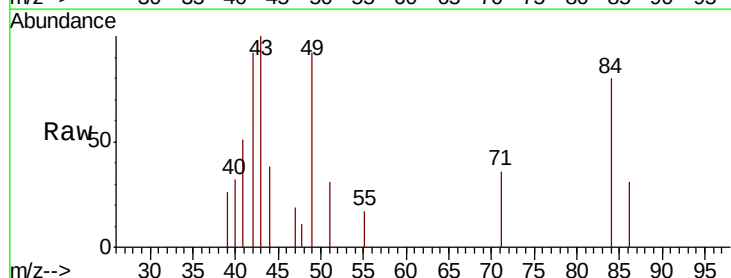
Ion Ratio Lower Upper

84 100

49 114.9 95.4 143.2

51 38.4 29.5 44.3

86 38.7 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

1000

800

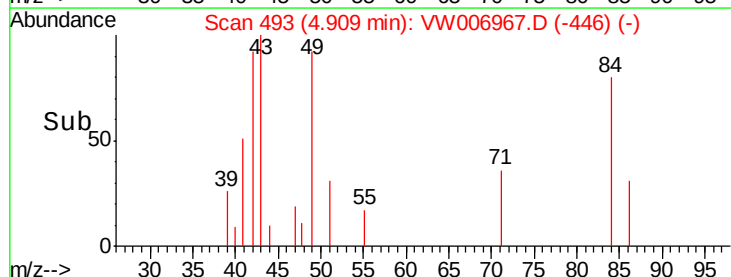
600

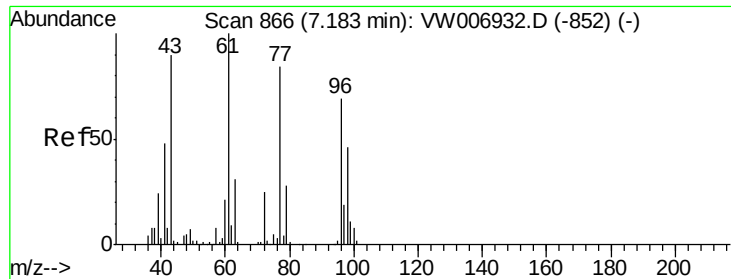
400

200

0

Time-->





#25

2-Butanone

Concen: 24.086 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.02 min

Lab File: VW006967.D

Acq: 20 Nov 2018 02:05

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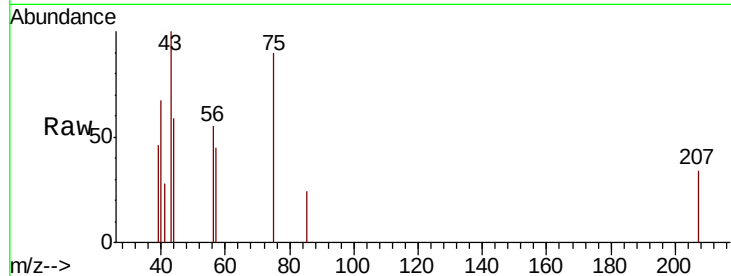
20180926-WCC-2-COMPOSITE

Tot Ion: 43 Resp: 643

Ion Ratio Lower Upper

43 100

72 0.0 22.1 33.1#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW

7.17

250

200

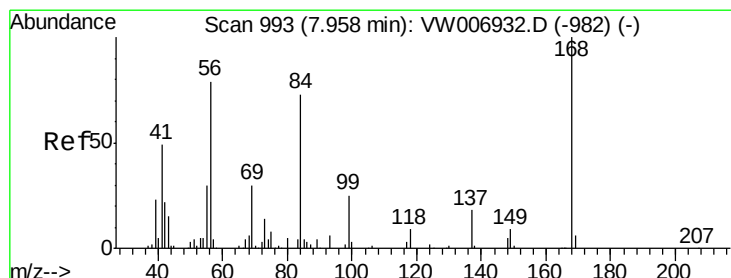
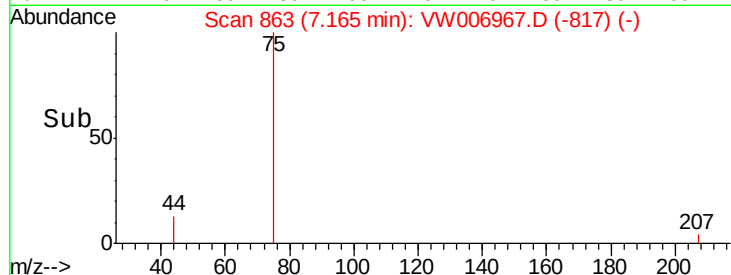
150

100

50

0

Time-->



#31

Cyclohexane

Concen: 29.273 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW006967.D

Acq: 20 Nov 2018 02:05

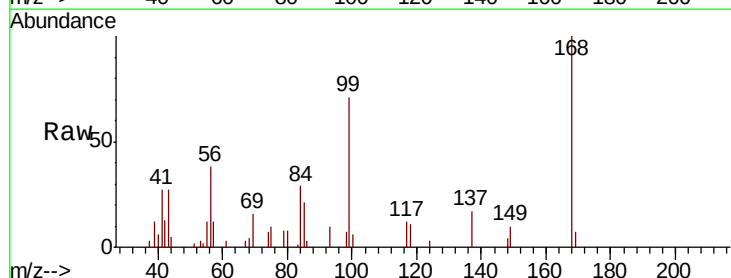
Tgt Ion: 56 Resp: 5268

Ion Ratio Lower Upper

56 100

69 41.1 30.2 45.2

84 77.4 73.6 110.4



Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 84.00 (83.70 to 84.70): VW

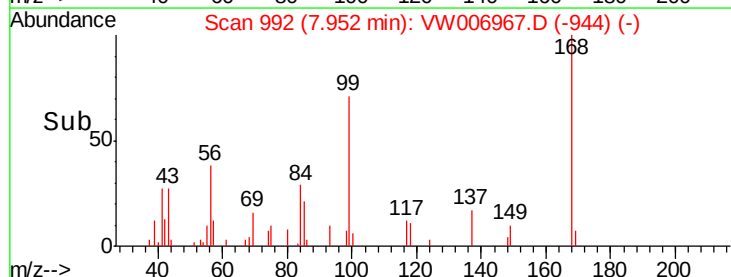
3000

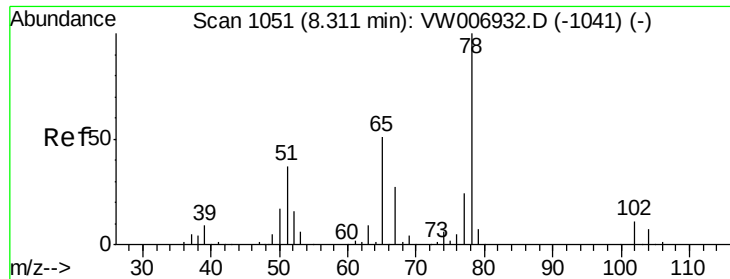
2000

1000

0

Time-->

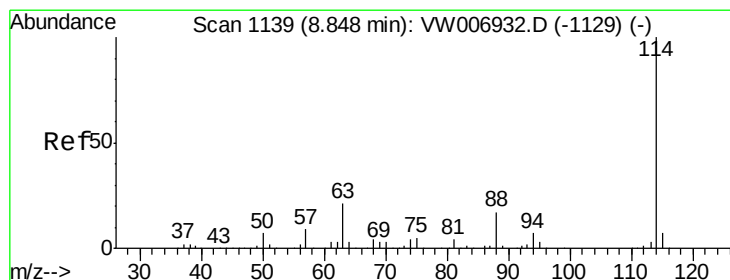
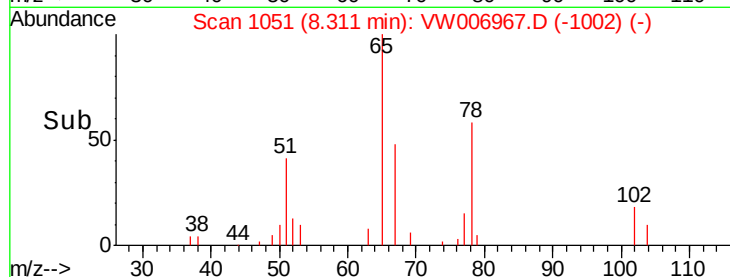
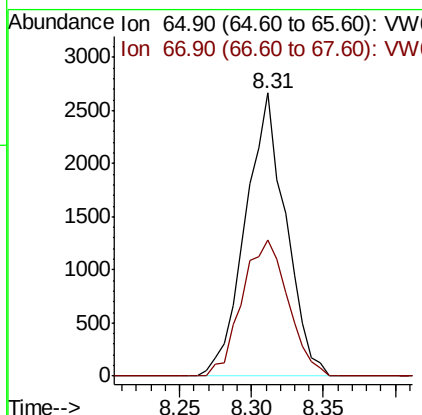
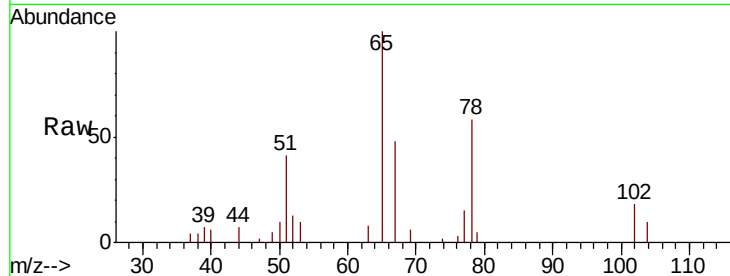




#33
 1,2-Dichloroethane-d4
 Concen: 49.280 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VW006967.D
 Acq: 20 Nov 2018 02:05

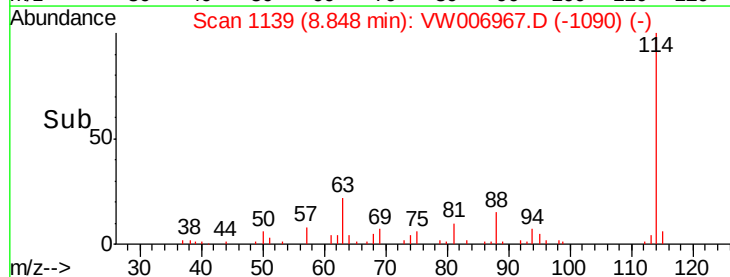
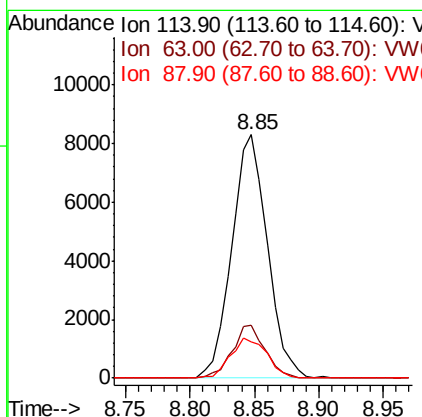
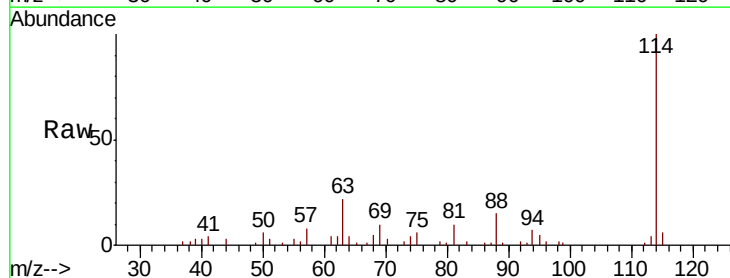
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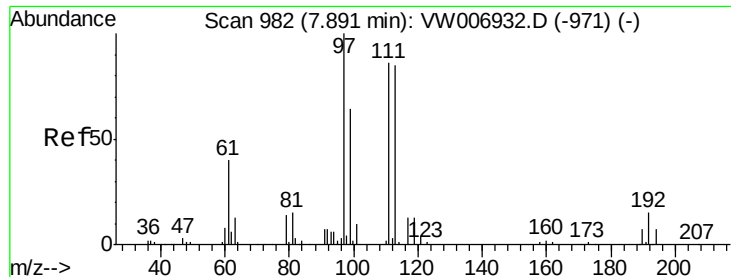
Tot Ion: 65 Resp: 5179
 Ion Ratio Lower Upper
 65 100
 67 54.8 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW006967.D
 Acq: 20 Nov 2018 02:05

Tgt Ion: 114 Resp: 15907
 Ion Ratio Lower Upper
 114 100
 63 21.7 0.0 42.2
 88 14.9 0.0 33.4

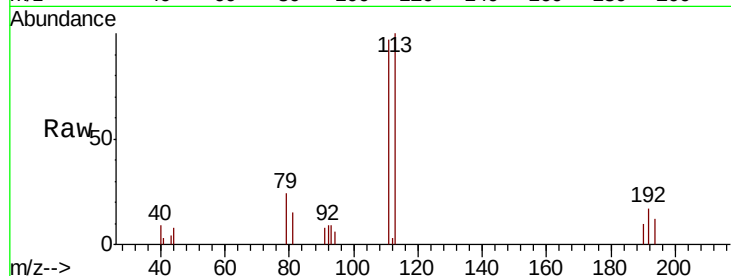




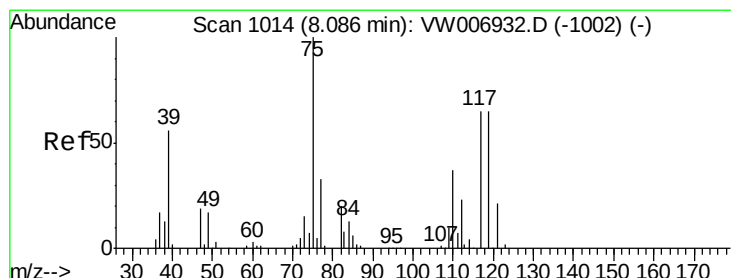
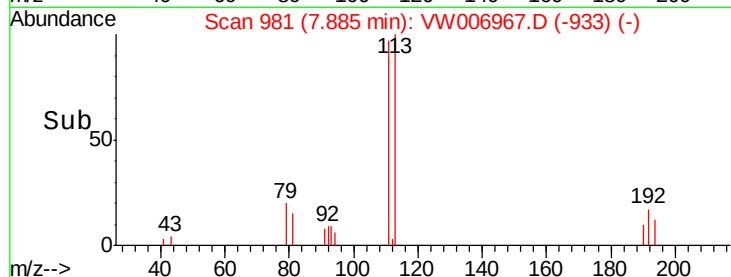
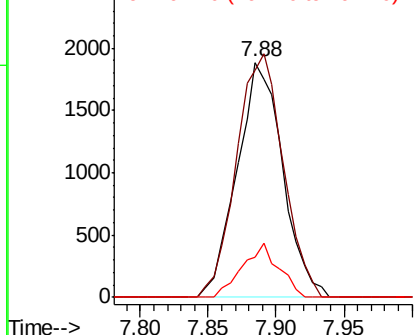
#35
 Dibromofluoromethane
 Concen: 47.498 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW006967.D
 Acq: 20 Nov 2018 02:05

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 MSVOA_W
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Tot Ion:113 Resp: 4424
 Ion Ratio Lower Upper
 113 100
 111 106.1 81.7 122.5
 192 18.3 13.9 20.9

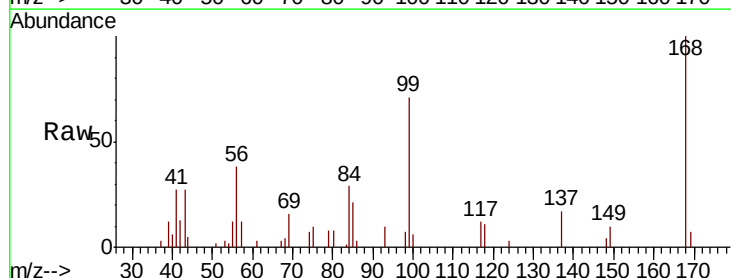


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

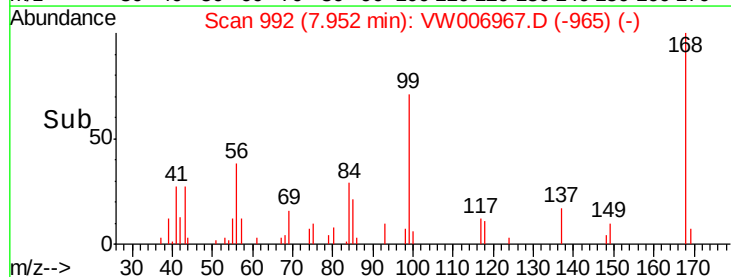
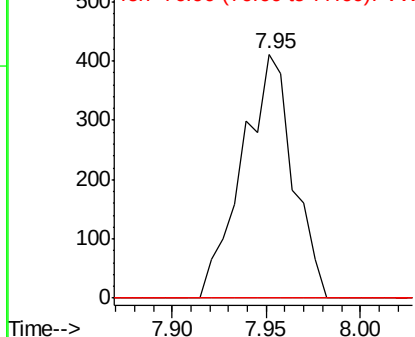


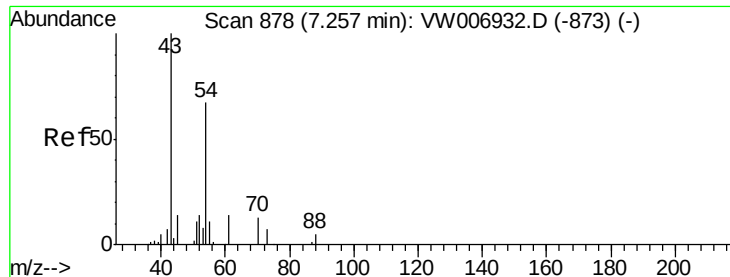
#36
 1,1-Dichloropropene
 Concen: 5.081 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW006967.D
 Acq: 20 Nov 2018 02:05

Tgt Ion: 75 Resp: 770
 Ion Ratio Lower Upper
 75 100
 110 0.0 18.1 54.1#
 77 0.0 25.4 38.0#



Abundance Ion 74.90 (74.60 to 75.60): VW
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VW

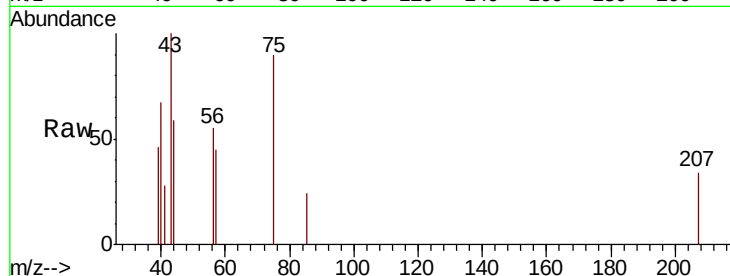




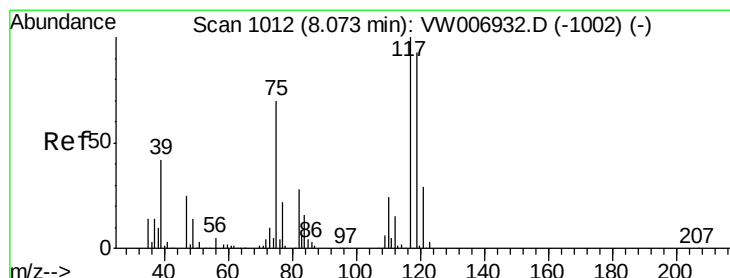
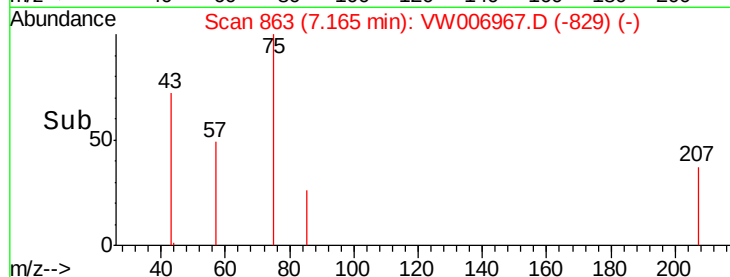
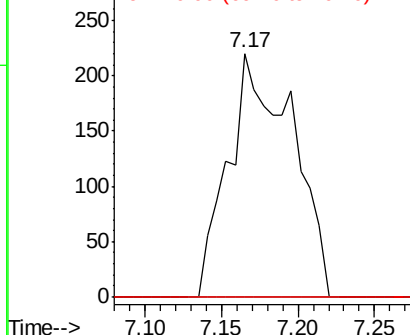
#37
Ethyl Acetate
Concen: 9.980 ug/l
RT: 7.17 min Scan# 863
Delta R.T. -0.09 min
Lab File: VW006967.D
Acq: 20 Nov 2018 02:05

Instrument :
MSVOA_W
ClientSampleId :
20180926-WCC-2-COMPOSITE

Tot Ion: 43 Resp: 643
Ion Ratio Lower Upper
43 100
61 0.0 11.0 16.6#
70 0.0 8.8 13.2#

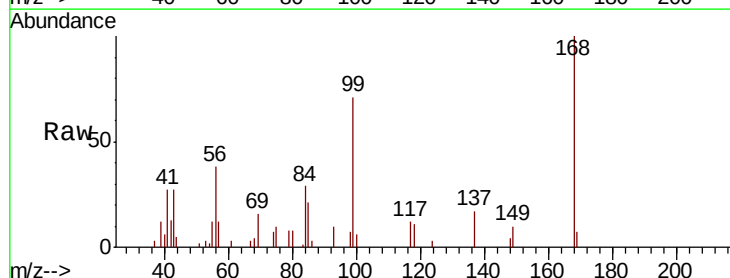


Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 70.00 (69.70 to 70.70): VW

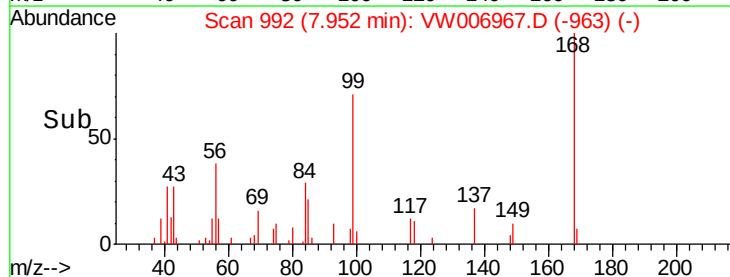
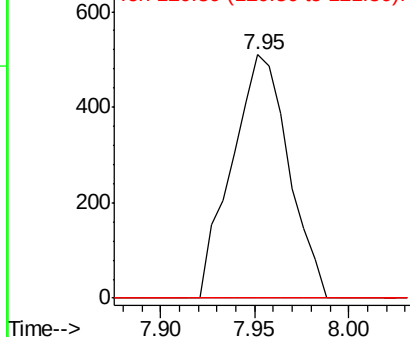


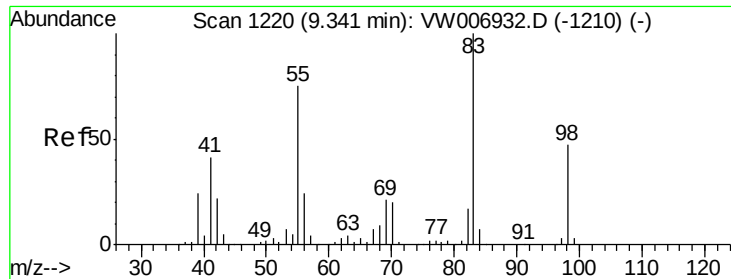
#38
Carbon Tetrachloride
Concen: 7.151 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.12 min
Lab File: VW006967.D
Acq: 20 Nov 2018 02:05

Tgt Ion: 117 Resp: 1065
Ion Ratio Lower Upper
117 100
119 0.0 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

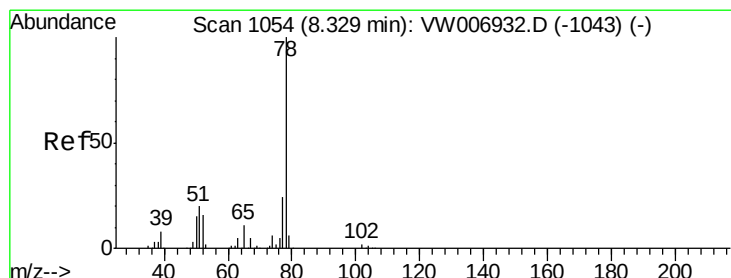
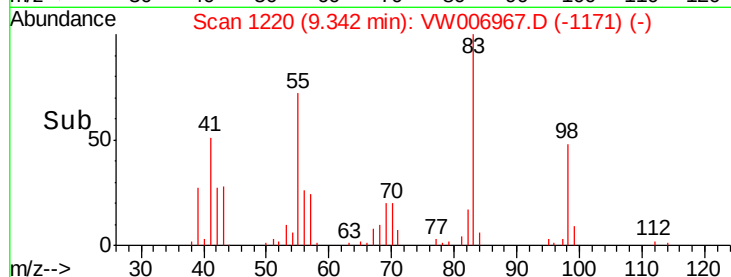
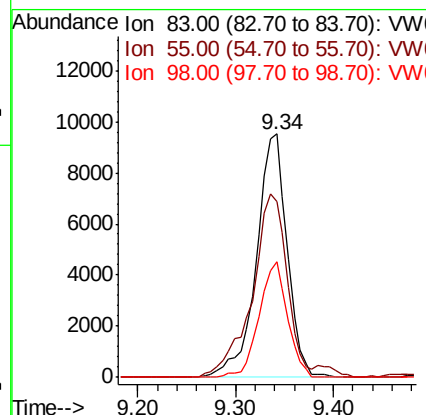
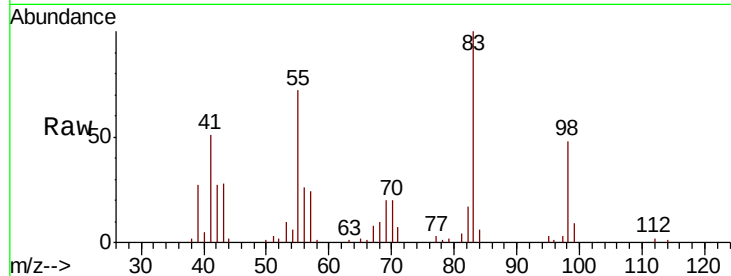




#39
Methylvlcyclohexane
Concen: 110.109 ug/l
RT: 9.34 min Scan# 1220
Delta R.T. 0.00 min
Lab File: VW006967.D
Acq: 20 Nov 2018 02:05

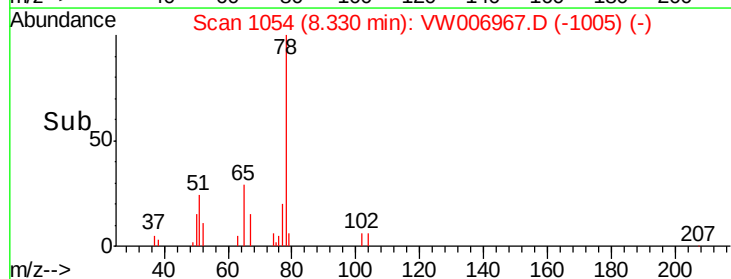
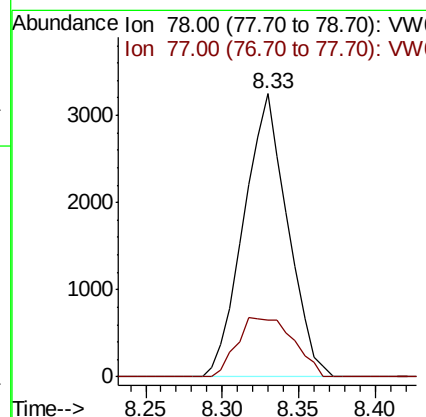
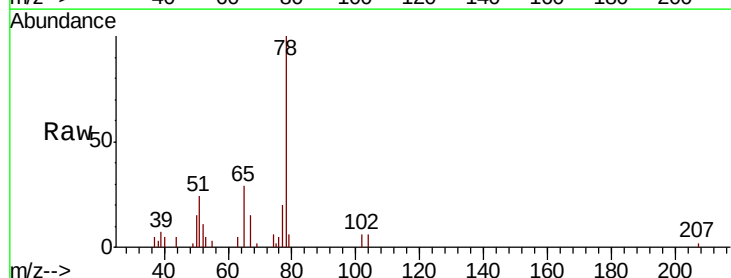
Instrument :
MSVOA_W
ClientSampleId :
20180926-WCC-2-COMPOSITE

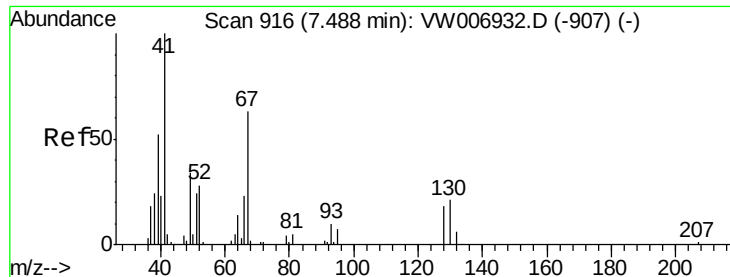
Tot Ion: 83 Resp: 20708
Ion Ratio Lower Upper
83 100
55 72.4 60.2 90.4
98 47.6 37.3 55.9



#40
Benzene
Concen: 15.132 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. 0.00 min
Lab File: VW006967.D
Acq: 20 Nov 2018 02:05

Tgt Ion: 78 Resp: 6481
Ion Ratio Lower Upper
78 100
77 20.2 19.3 28.9

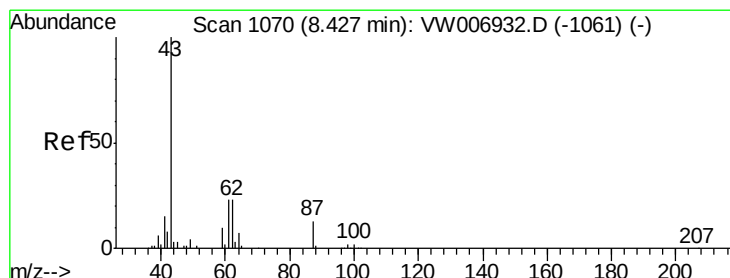
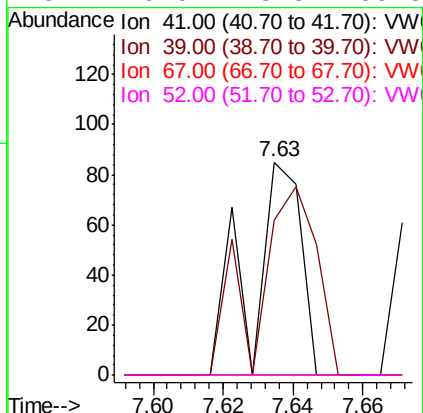
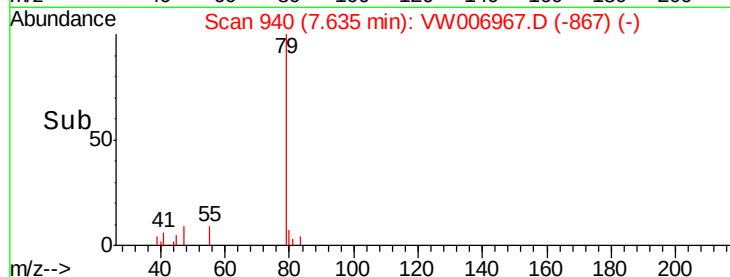
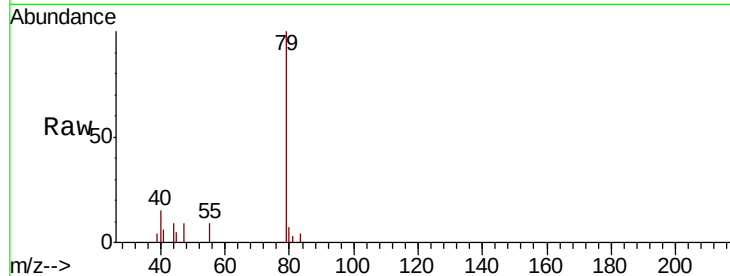




#41
Methacrylonitrile
Concen: 2.103 ug/l
RT: 7.63 min Scan# 940
Delta R.T. 0.15 min
Lab File: VW006967.D
Acq: 20 Nov 2018 02:05

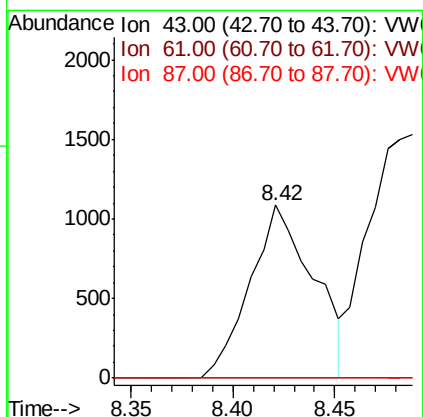
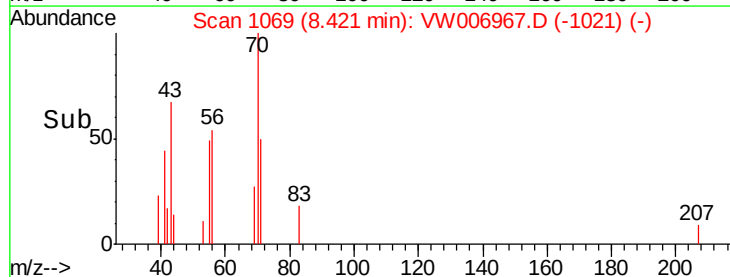
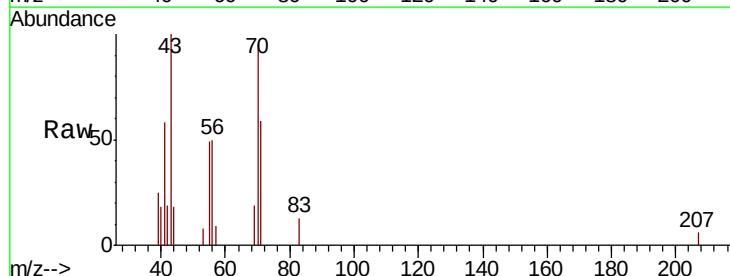
Instrument :
MSVOA_W
ClientSampleId :
20180926-WCC-2-COMPOSITE

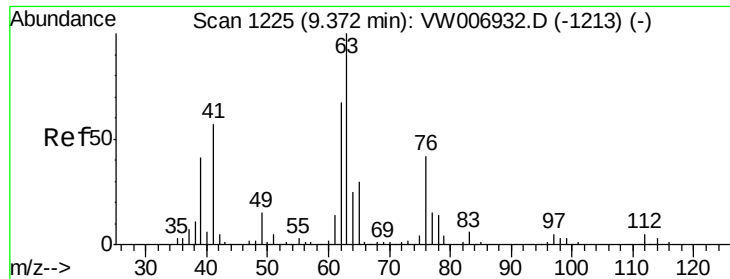
Tot Ion:	41	Resp:	83
Ion	Ratio	Lower	Upper
41	100		
39	107.2	41.8	62.6#
67	0.0	54.7	82.1#
52	0.0	23.8	35.8#



#43
Isopropyl Acetate
Concen: 19.073 ug/l
RT: 8.42 min Scan# 1069
Delta R.T. -0.01 min
Lab File: VW006967.D
Acq: 20 Nov 2018 02:05

Tgt Ion:	43	Resp:	2358
Ion	Ratio	Lower	Upper
43	100		
61	0.0	24.6	37.0#
87	0.0	11.0	16.6#

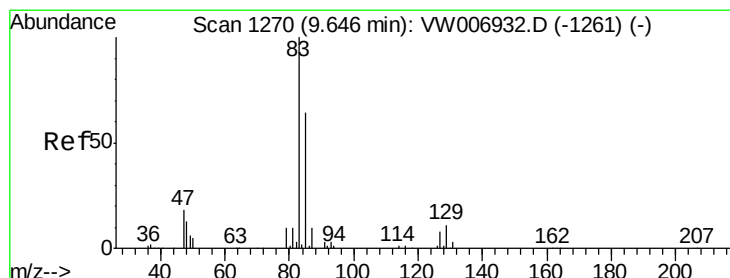
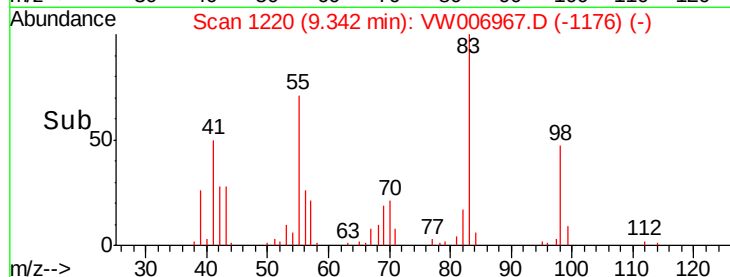
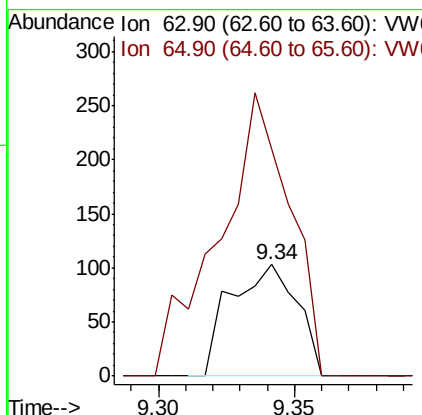
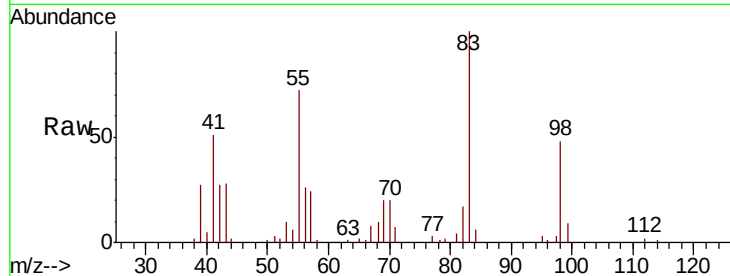




#45
 1,2-Dichloropropane
 Concen: 1.608 ug/l
 RT: 9.34 min Scan# 1220
 Delta R.T. -0.03 min
 Lab File: VW006967.D
 Acq: 20 Nov 2018 02:05

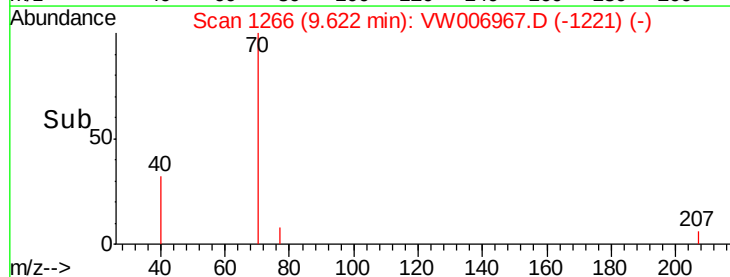
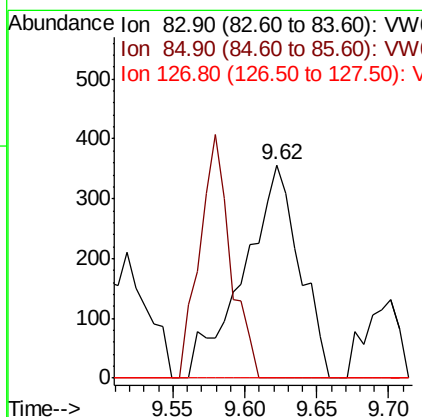
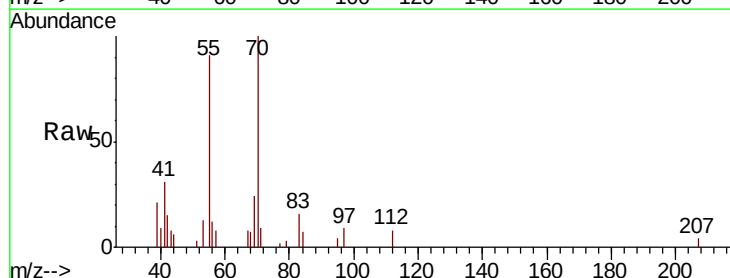
Instrument :
 MSVOA_W
 ClientSampleId :
 20180926-WCC-2-COMPOSITE

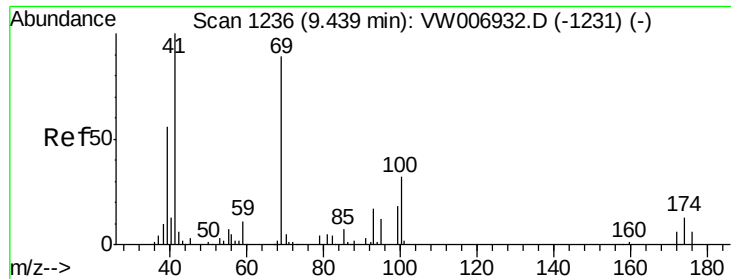
Tot Ion: 63 Resp: 174
 Ion Ratio Lower Upper
 63 100
 65 203.9 23.9 35.9#



#47
 Bromodichloromethane
 Concen: 6.641 ug/l
 RT: 9.62 min Scan# 1266
 Delta R.T. -0.02 min
 Lab File: VW006967.D
 Acq: 20 Nov 2018 02:05

Tgt Ion: 83 Resp: 958
 Ion Ratio Lower Upper
 83 100
 85 0.0 50.8 76.2#
 127 0.0 6.6 10.0#

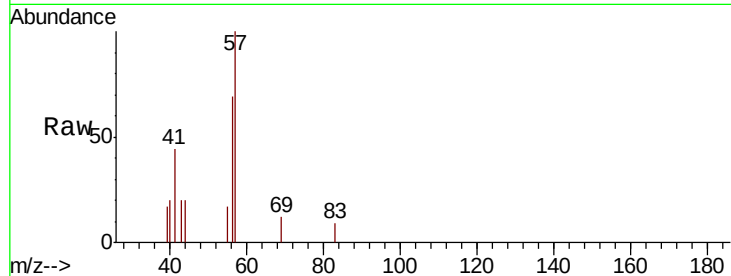




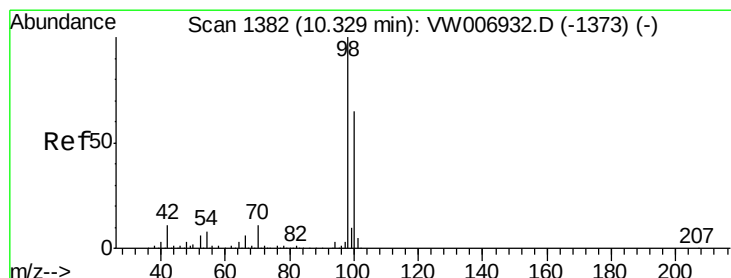
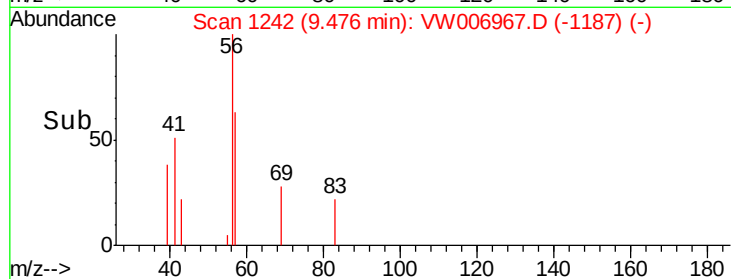
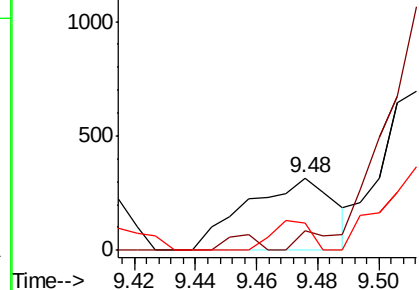
#48
Methyl methacrylate
Concen: 10.443 ug/l
RT: 9.48 min Scan# 1242
Delta R.T. 0.04 min
Lab File: VW006967.D
Acq: 20 Nov 2018 02:05

Instrument :
MSVOA_W
ClientSampleId :
20180926-WCC-2-COMPOSITE

Tot Ion: 41 Resp: 623
Ion Ratio Lower Upper
41 100
69 0.0 73.4 110.0#
39 0.0 46.1 69.1#

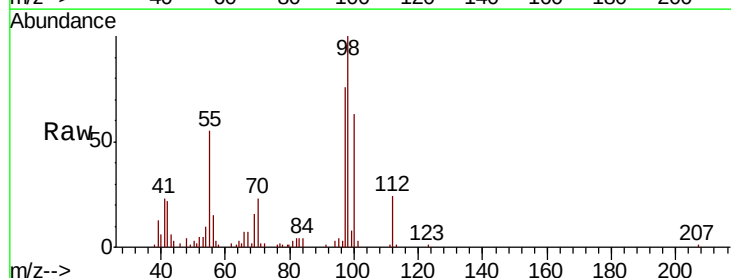


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 39.00 (38.70 to 39.70): VW

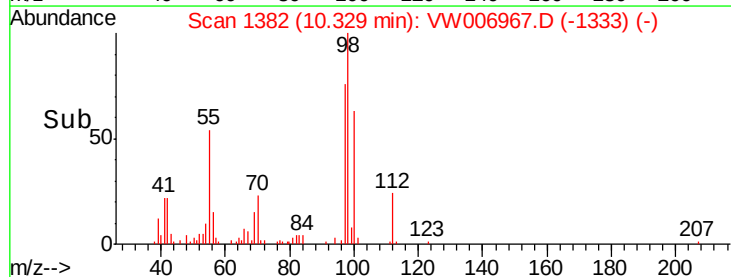
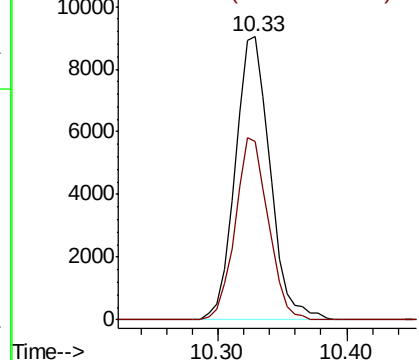


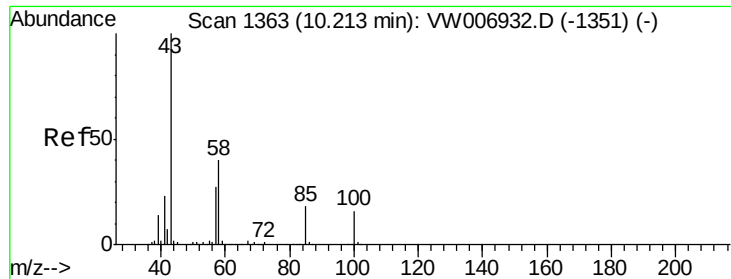
#50
Toluene-d8
Concen: 42.405 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VW006967.D
Acq: 20 Nov 2018 02:05

Tgt Ion: 98 Resp: 16973
Ion Ratio Lower Upper
98 100
100 60.9 52.3 78.5



Abundance Ion 98.00 (97.70 to 98.70): VW
Ion 100.00 (99.70 to 100.70): VW

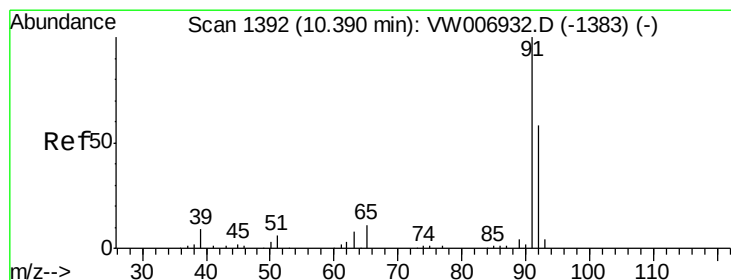
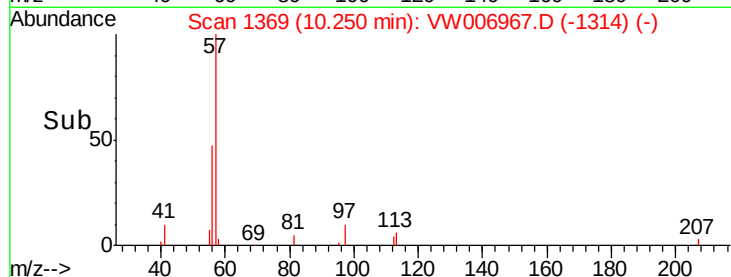
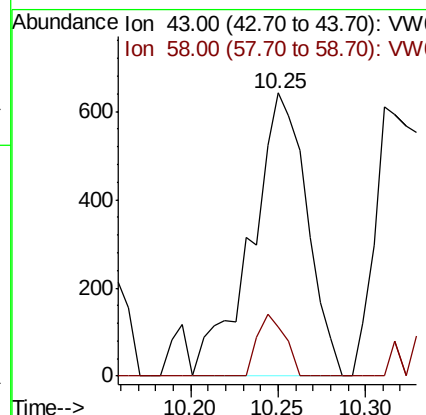
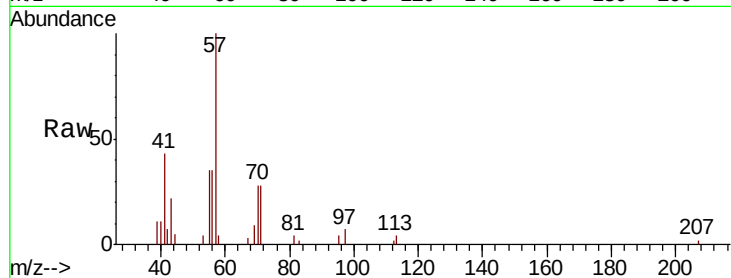




#51
4-Methyl-2-Pentanone
Concen: 23.370 ug/l
RT: 10.25 min Scan# 1369
Delta R.T. 0.04 min
Lab File: VW006967.D
Acq: 20 Nov 2018 02:05

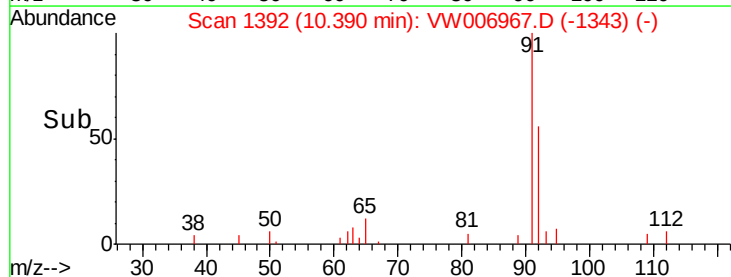
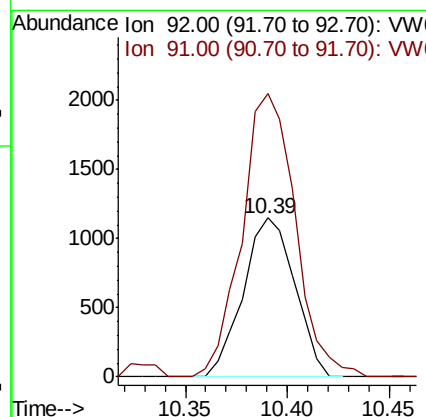
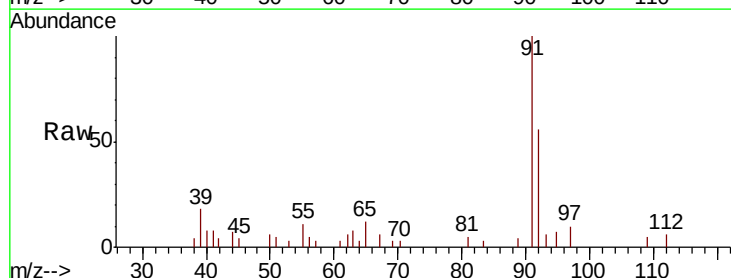
Instrument :
MSVOA_W
ClientSampleId :
20180926-WCC-2-COMPOSITE

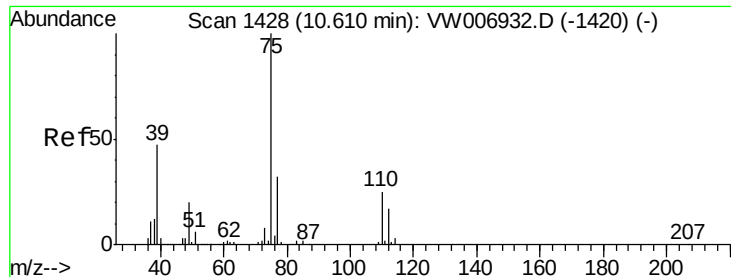
Tot Ion: 43 Resp: 1424
Ion Ratio Lower Upper
43 100
58 10.8 31.0 46.4#



#52
Toluene
Concen: 7.053 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. 0.00 min
Lab File: VW006967.D
Acq: 20 Nov 2018 02:05

Tgt Ion: 92 Resp: 2021
Ion Ratio Lower Upper
92 100
91 184.7 137.3 205.9





#53

t-1,3-Dichloropropene

Concen: 1.170 ug/l

RT: 10.70 min Scan# 1443

Delta R.T. 0.09 min

Lab File: VW006967.D

Acq: 20 Nov 2018 02:05

Instrument :

MSVOA_W

ClientSampleId :

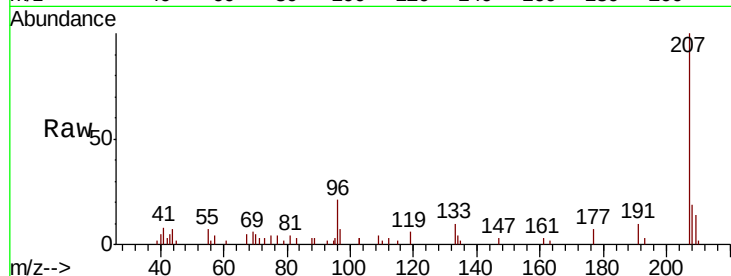
20180926-WCC-2-COMPOSITE

Tot Ion: 75 Resp: 165

Ion Ratio Lower Upper

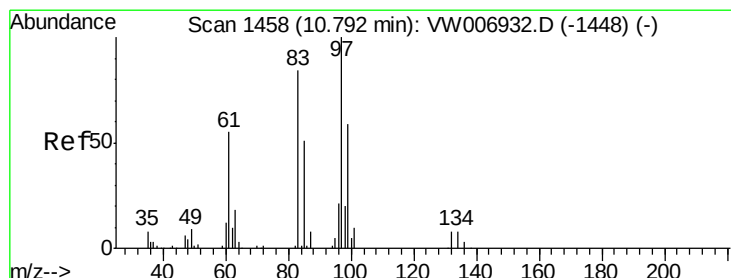
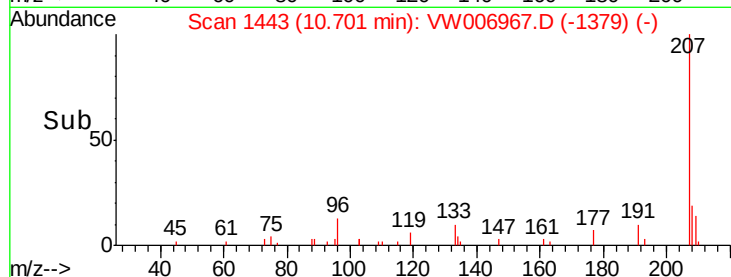
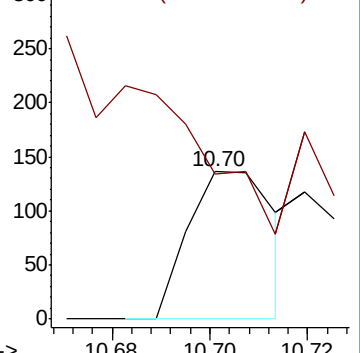
75 100

77 40.4 25.2 37.8#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW



#55

1,1,2-Trichloroethane

Concen: 69.594 ug/l

RT: 10.76 min Scan# 1453

Delta R.T. -0.03 min

Lab File: VW006967.D

Acq: 20 Nov 2018 02:05

Tgt Ion: 97 Resp: 5622

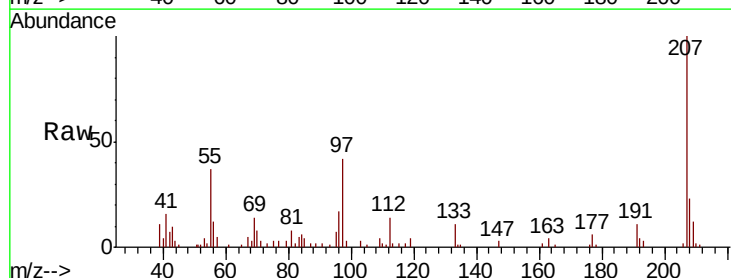
Ion Ratio Lower Upper

97 100

83 8.8 67.5 101.3#

85 9.9 41.0 61.6#

99 0.0 47.4 71.2#

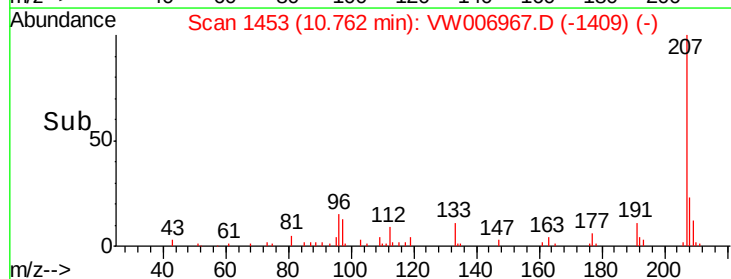
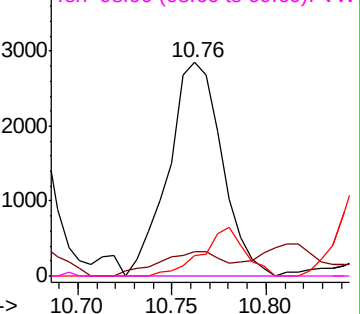


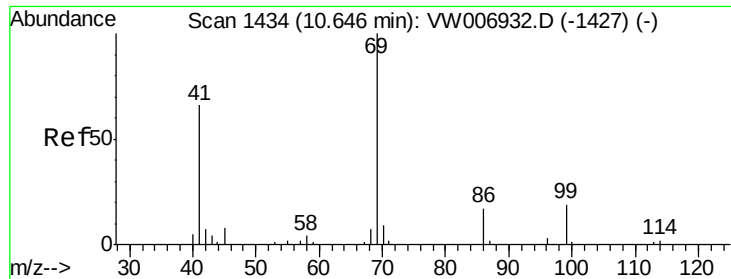
Abundance Ion 96.90 (96.60 to 97.60): VW

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: 20.242 ug/l

RT: 10.66 min Scan# 1437

Delta R.T. 0.02 min

Lab File: VW006967.D

Acq: 20 Nov 2018 02:05

Instrument :

MSVOA_W

ClientSampleId :

20180926-WCC-2-COMPOSITE

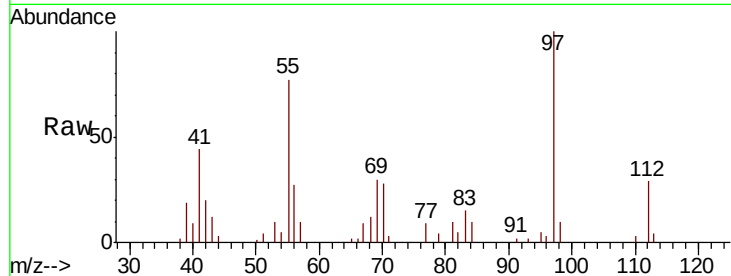
Tot Ion: 69 Resp: 2033

Ion Ratio Lower Upper

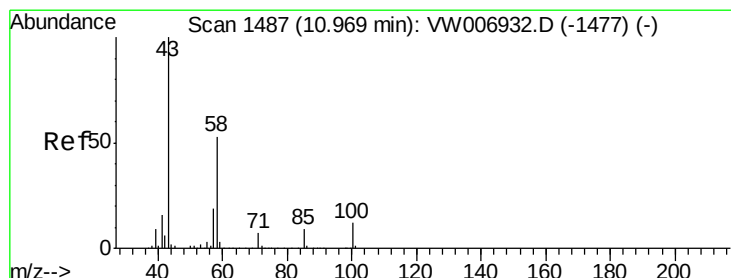
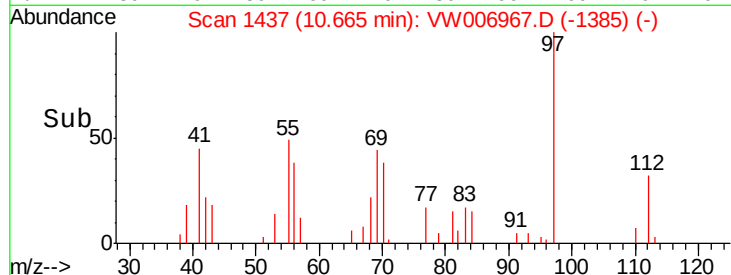
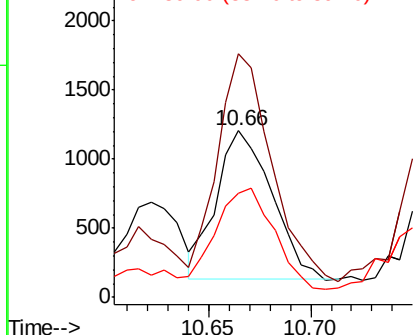
69 100

41 148.9 53.8 80.6#

39 71.1 29.0 43.6#



Abundance Ion 69.00 (68.70 to 69.70): VW
Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW



#59

2-Hexanone

Concen: 197.056 ug/l

RT: 10.94 min Scan# 1482

Delta R.T. -0.03 min

Lab File: VW006967.D

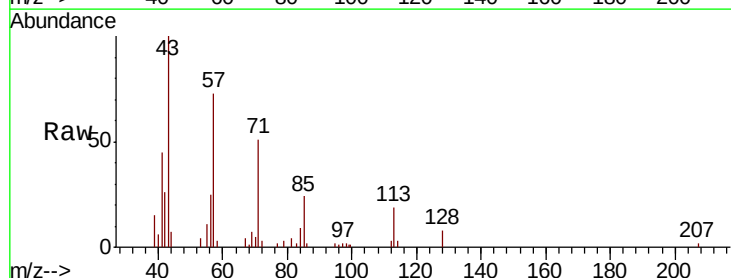
Acq: 20 Nov 2018 02:05

Tgt Ion: 43 Resp: 8036

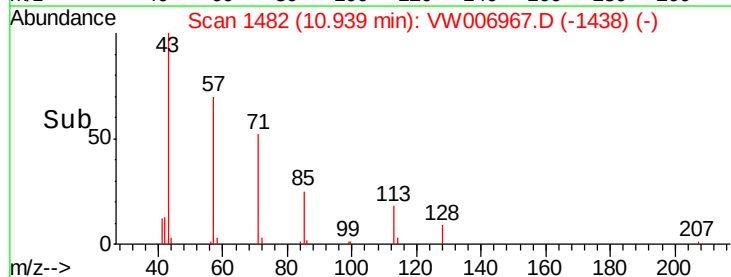
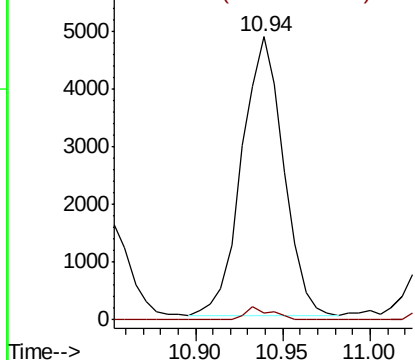
Ion Ratio Lower Upper

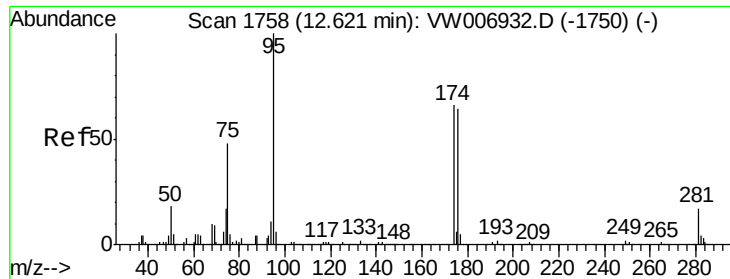
43 100

58 3.0 26.8 80.4#



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW

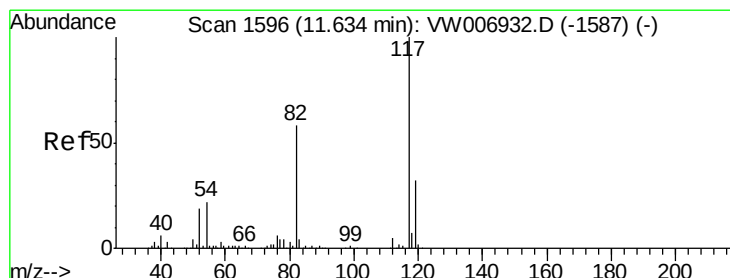
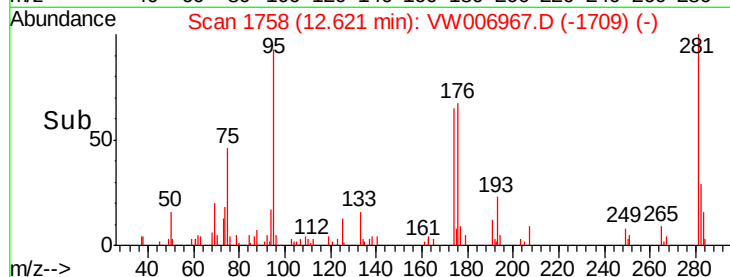
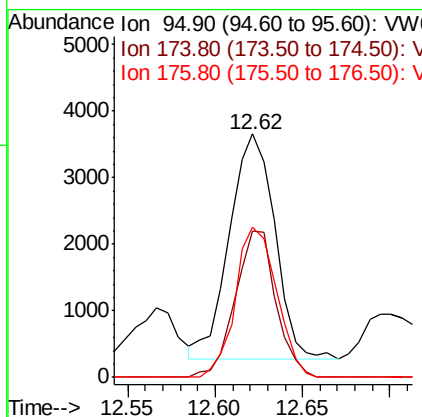
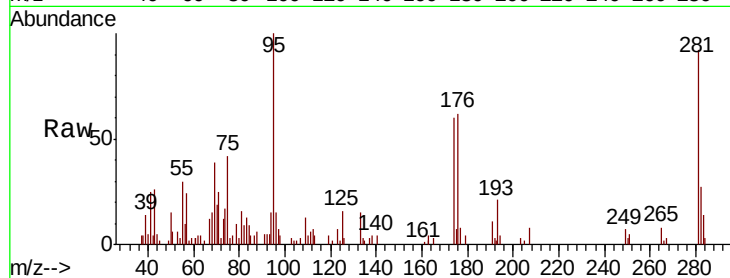




#62
4-Bromofluorobenzene
Concen: 38.956 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW006967.D
Acq: 20 Nov 2018 02:05

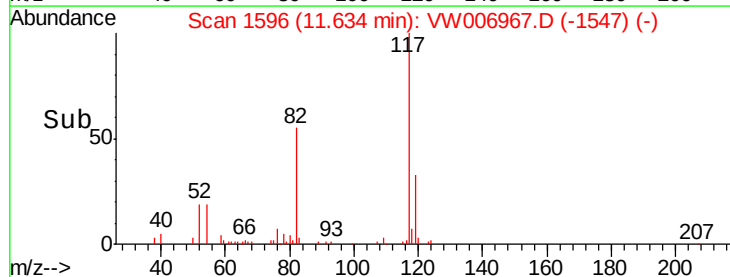
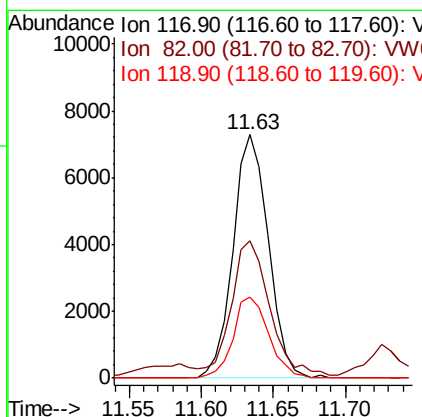
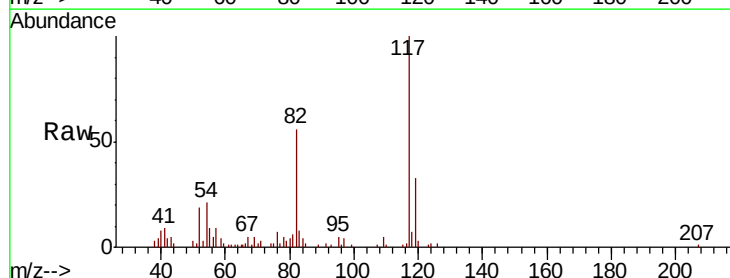
Instrument :
MSVOA_W
ClientSampleId :
20180926-WCC-2-COMPOSITE

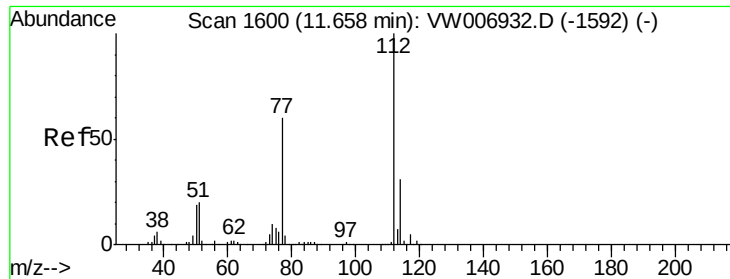
Tot Ion: 95 Resp: 6080
Ion Ratio Lower Upper
95 100
174 58.5 0.0 138.4
176 61.1 0.0 133.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006967.D
Acq: 20 Nov 2018 02:05

Tgt Ion: 117 Resp: 12389
Ion Ratio Lower Upper
117 100
82 55.4 46.2 69.2
119 33.4 25.5 38.3

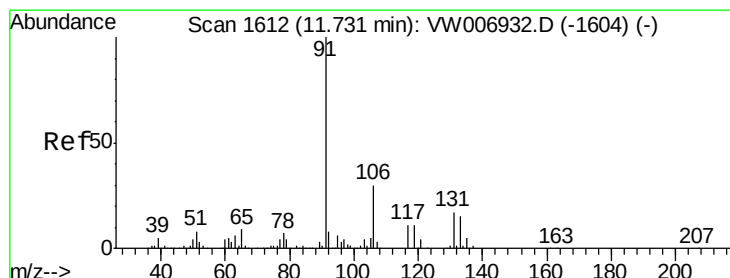
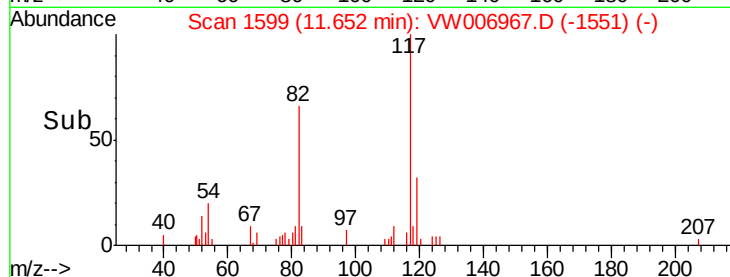
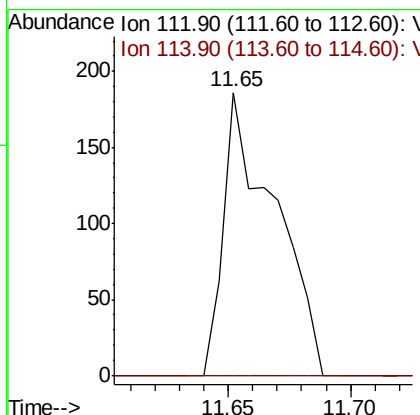
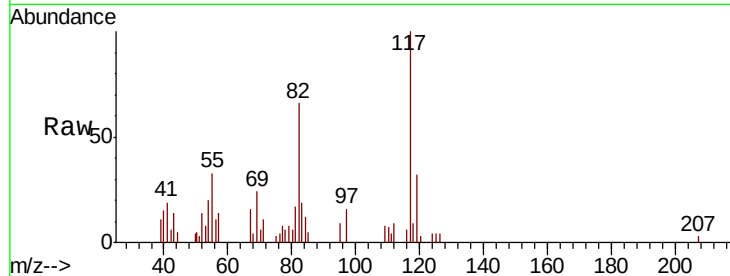




#65
Chlorobenzene
Concen: 1.044 ug/l
RT: 11.65 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VW006967.D
Acq: 20 Nov 2018 02:05

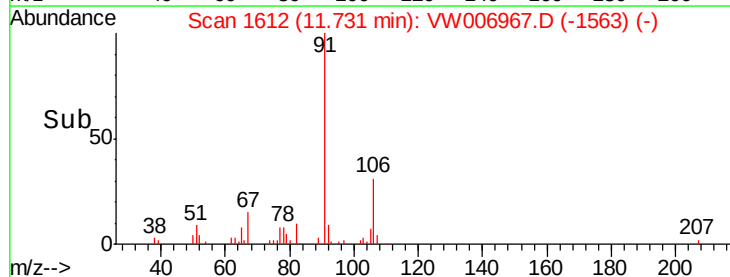
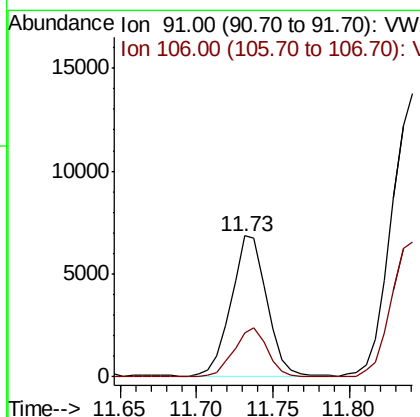
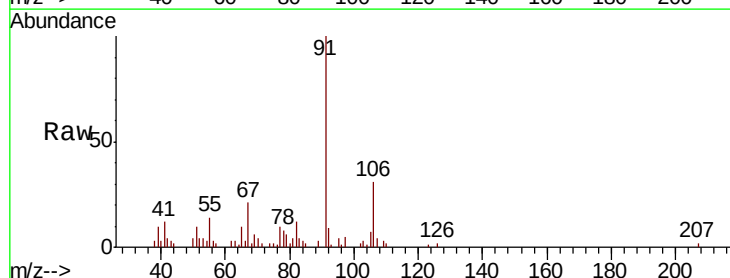
Instrument :
MSVOA_W
ClientSampleId :
20180926-WCC-2-COMPOSITE

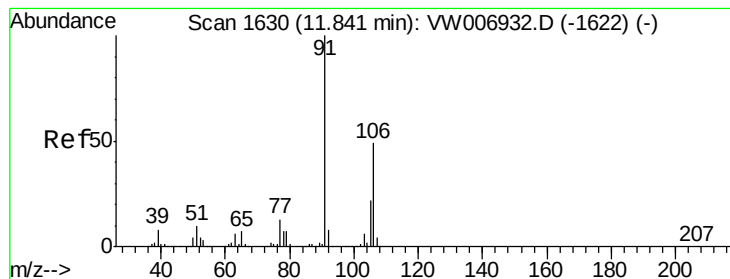
Tot Ion: 112 Resp: 273
Ion Ratio Lower Upper
112 100
114 0.0 24.6 37.0#



#67
Ethyl Benzene
Concen: 23.702 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW006967.D
Acq: 20 Nov 2018 02:05

Tgt Ion: 91 Resp: 11179
Ion Ratio Lower Upper
91 100
106 30.9 24.0 36.0





#68

m/p-Xylenes

Concen: 68.272 ug/l

RT: 11.84 min Scan# 1630

Delta R.T. 0.00 min

Lab File: VW006967.D

Acq: 20 Nov 2018 02:05

Instrument :

MSVOA_W

ClientSampleId :

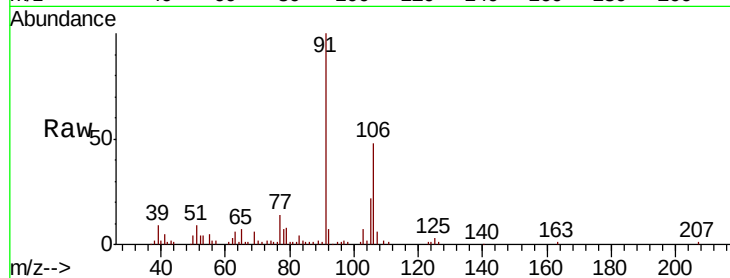
20180926-WCC-2-COMPOSITE

Tot Ion:106 Resp: 12539

Ion Ratio Lower Upper

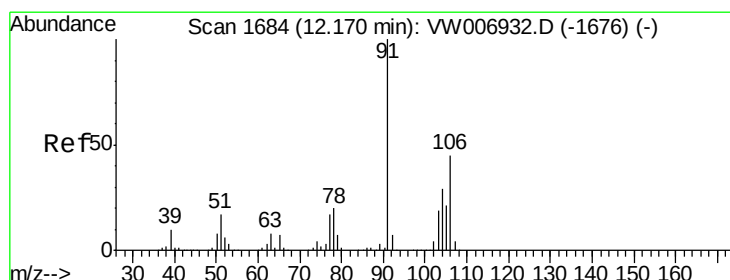
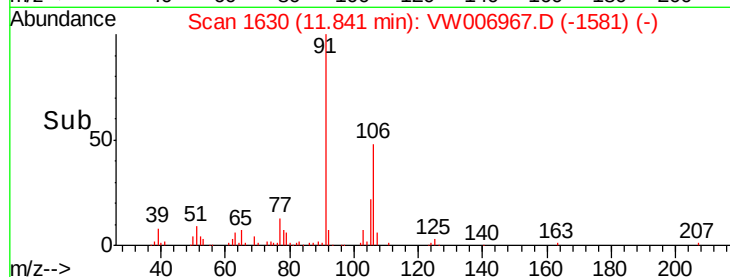
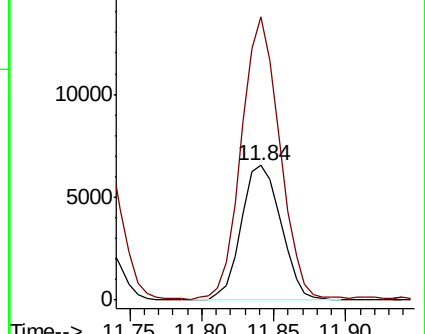
106 100

91 203.8 165.0 247.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW



#69

o-Xylene

Concen: 46.450 ug/l

RT: 12.17 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VW006967.D

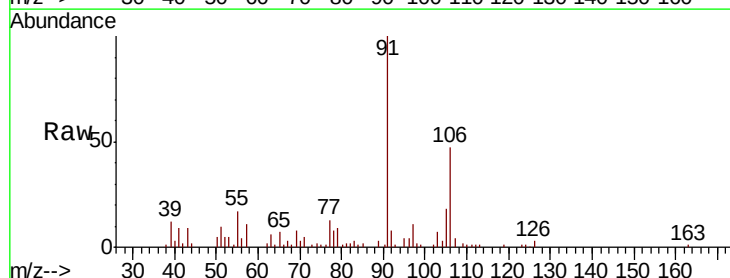
Acq: 20 Nov 2018 02:05

Tgt Ion:106 Resp: 8097

Ion Ratio Lower Upper

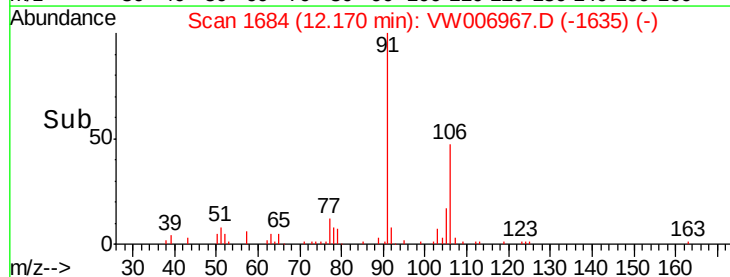
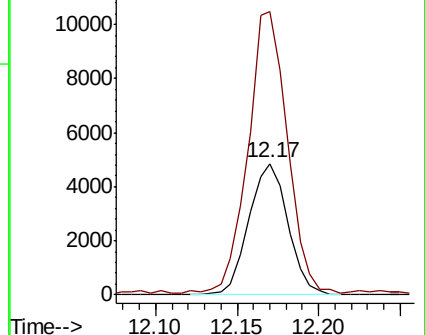
106 100

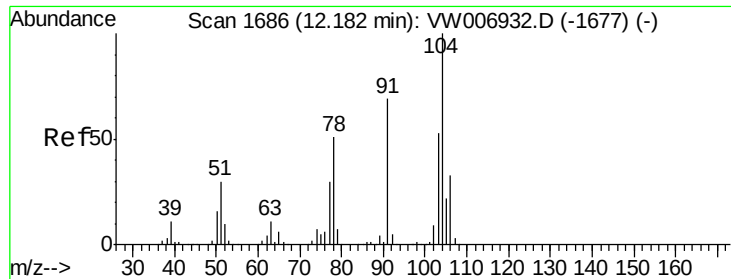
91 215.7 109.2 327.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW

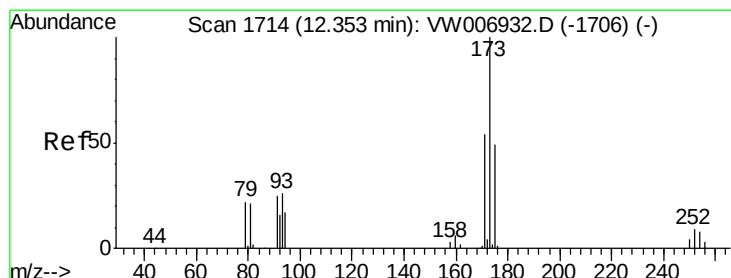
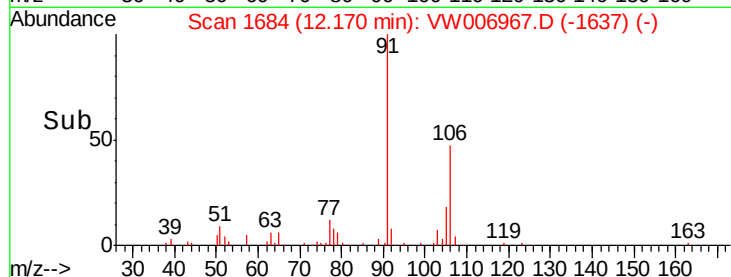
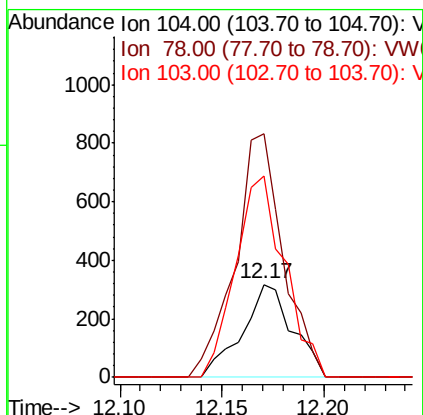
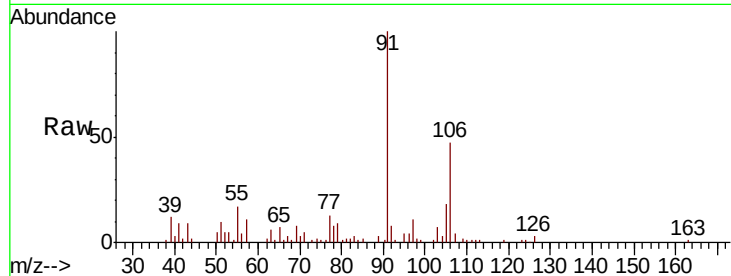




#70
Stvrene
Concen: 1.951 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.01 min
Lab File: VW006967.D
Acq: 20 Nov 2018 02:05

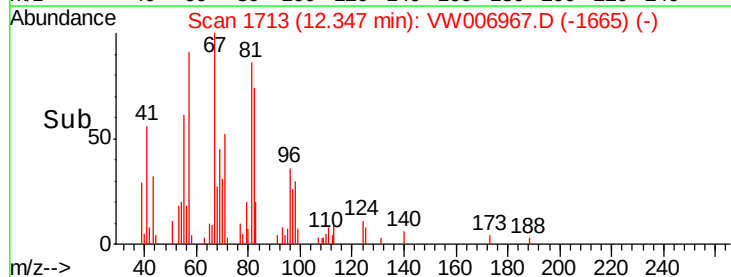
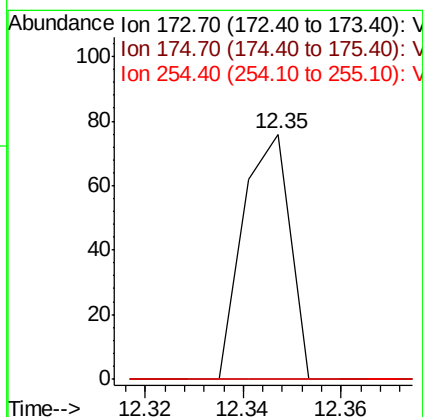
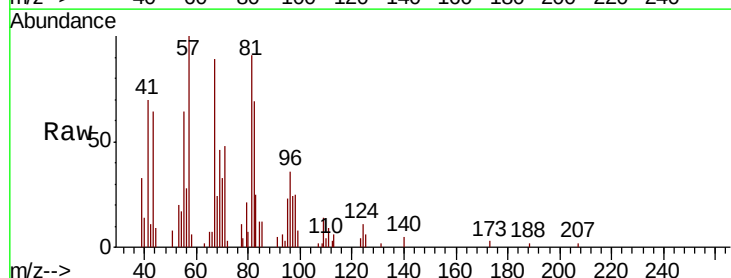
Instrument :
MSVOA_W
ClientSampleId :
20180926-WCC-2-COMPOSITE

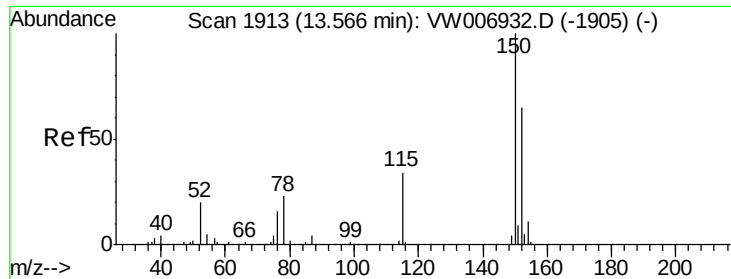
Tot Ion:104 Resp: 547
Ion Ratio Lower Upper
104 100
78 247.5 42.5 63.7#
103 210.4 44.3 66.5#



#71
Bromoform
Concen: 1.287 ug/l
RT: 12.35 min Scan# 1713
Delta R.T. -0.01 min
Lab File: VW006967.D
Acq: 20 Nov 2018 02:05

Tgt Ion:173 Resp: 50
Ion Ratio Lower Upper
173 100
175 0.0 24.0 72.0#
254 0.0 0.0 0.0

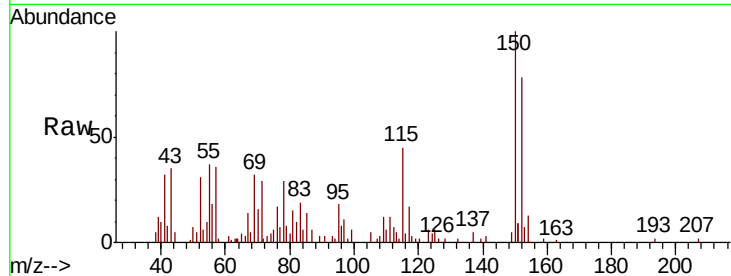




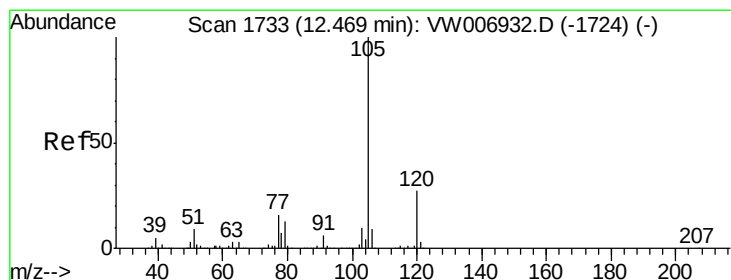
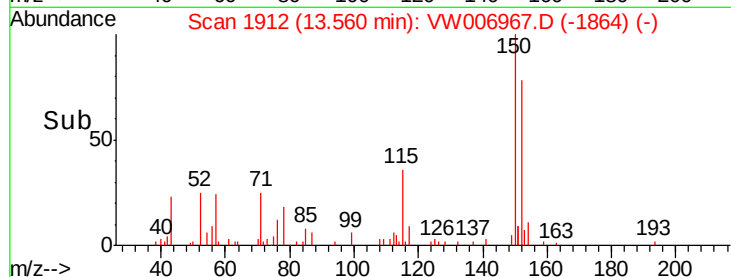
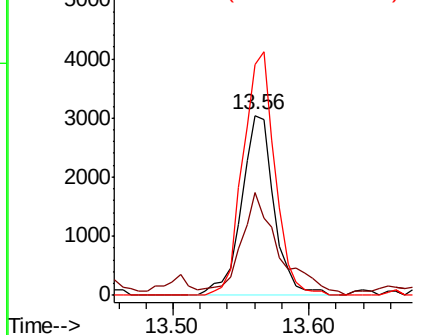
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.56 min Scan# 1912
 Delta R.T. -0.01 min
 Lab File: VW006967.D
 Acq: 20 Nov 2018 02:05

Instrument :
 MSVOA_W
 ClientSampleId :
 20180926-WCC-2-COMPOSITE

Tot Ion:152 Resp: 5090
 Ion Ratio Lower Upper
 152 100
 115 67.1 31.6 94.7
 150 132.8 0.0 350.0

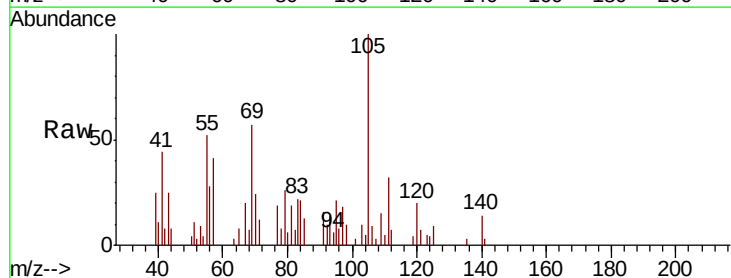


Abundance Ion 151.90 (151.60 to 152.60): V
 Ion 114.90 (114.60 to 115.60): V
 Ion 149.90 (149.60 to 150.60): V

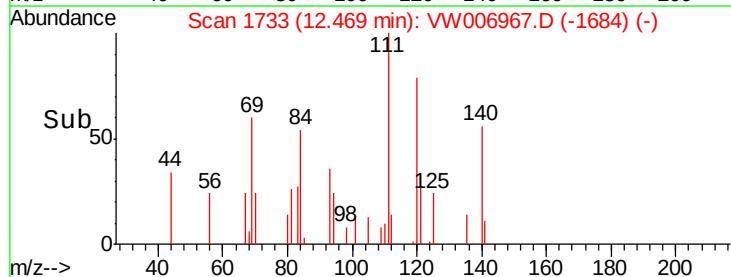
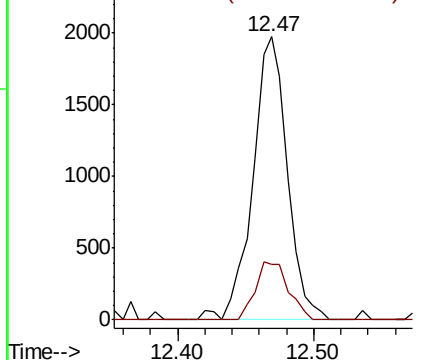


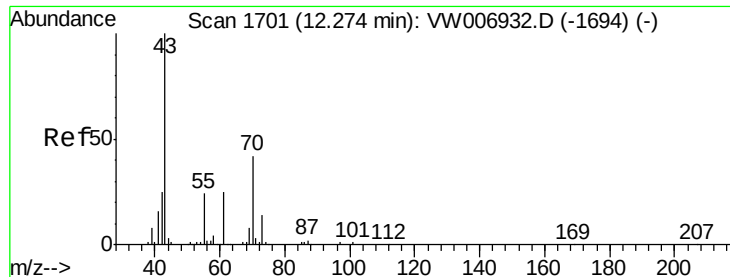
#73
 Isopropylbenzene
 Concen: 8.720 ug/l
 RT: 12.47 min Scan# 1733
 Delta R.T. 0.00 min
 Lab File: VW006967.D
 Acq: 20 Nov 2018 02:05

Tgt Ion:105 Resp: 3515
 Ion Ratio Lower Upper
 105 100
 120 19.6 13.2 39.6



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 68.609 ug/l

RT: 12.26 min Scan# 1698

Delta R.T. -0.02 min

Lab File: VW006967.D

Acq: 20 Nov 2018 02:05

Instrument :

MSVOA_W

ClientSampleId :

20180926-WCC-2-COMPOSITE

Tot Ion: 43 Resp: 5535

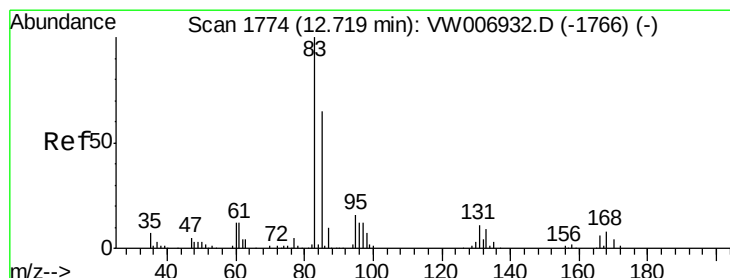
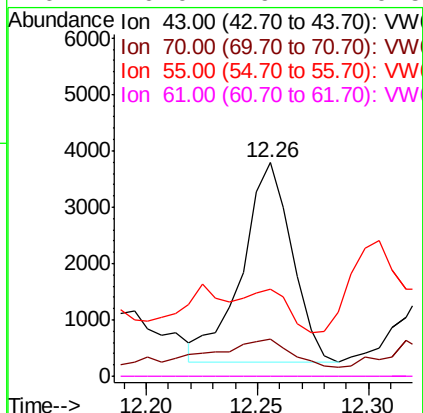
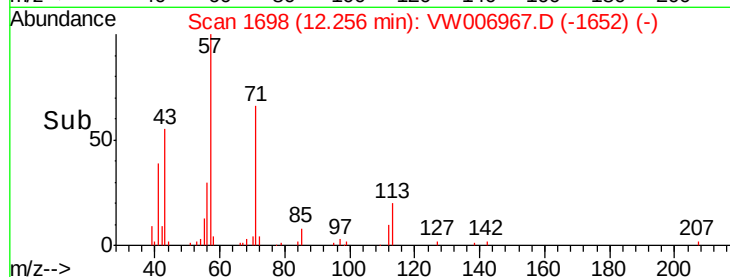
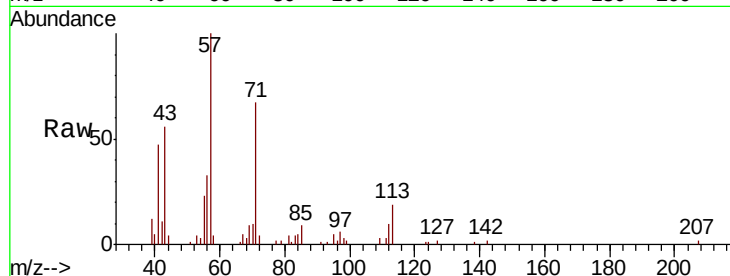
Ion Ratio Lower Upper

43 100

70 24.0 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: 17.270 ug/l

RT: 12.70 min Scan# 1771

Delta R.T. -0.02 min

Lab File: VW006967.D

Acq: 20 Nov 2018 02:05

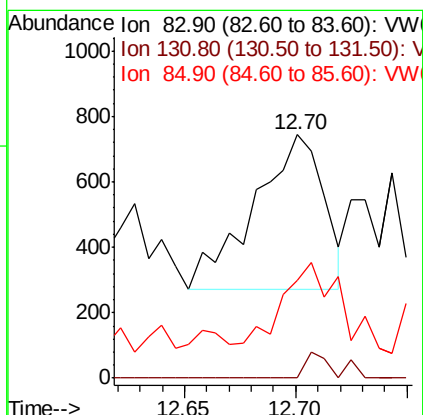
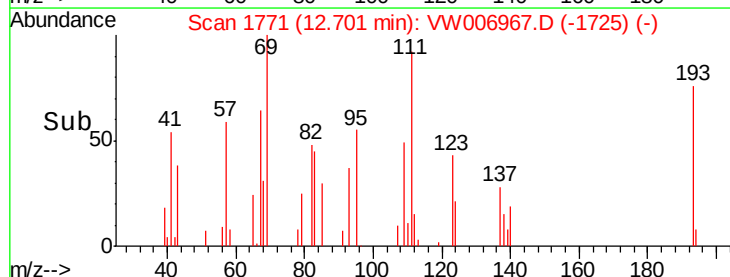
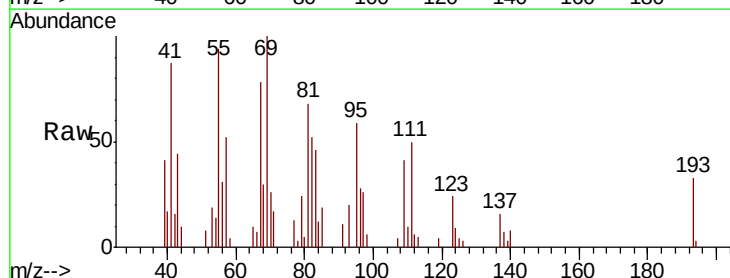
Tgt Ion: 83 Resp: 1024

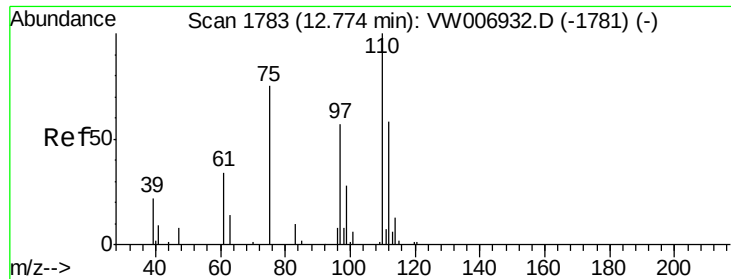
Ion Ratio Lower Upper

83 100

131 7.2 5.6 16.8

85 50.4 32.5 97.5

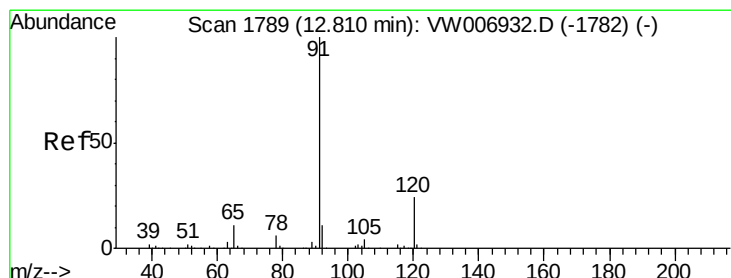
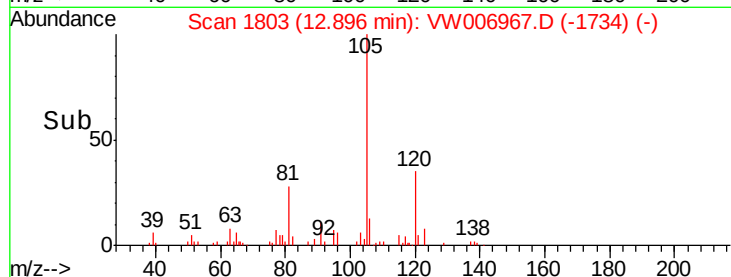
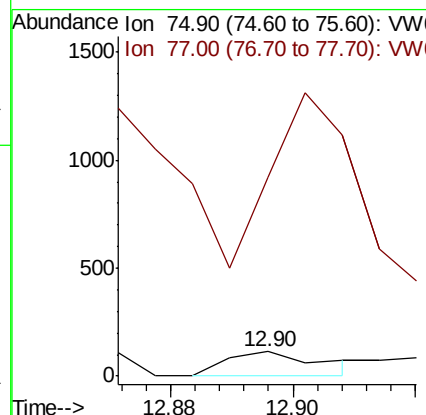
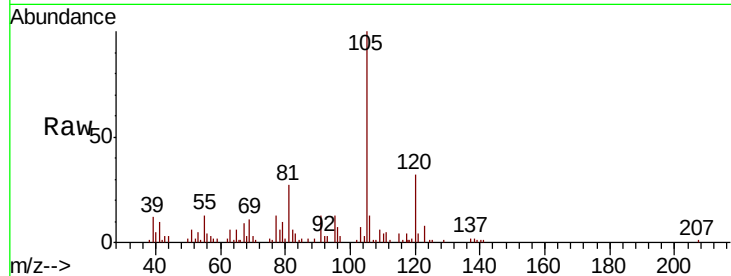




#76
 1,2,3-Trichloropropane
 Concen: 2.934 ug/l
 RT: 12.90 min Scan# 1803
 Delta R.T. 0.12 min
 Lab File: VW006967.D
 Acq: 20 Nov 2018 02:05

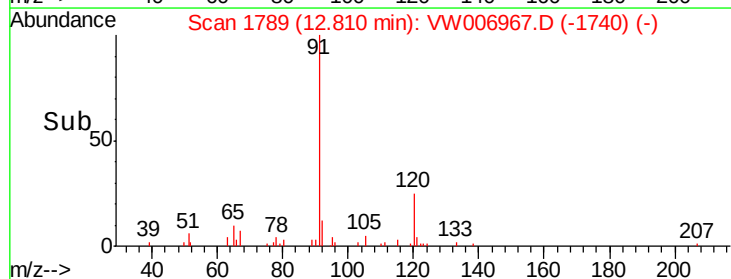
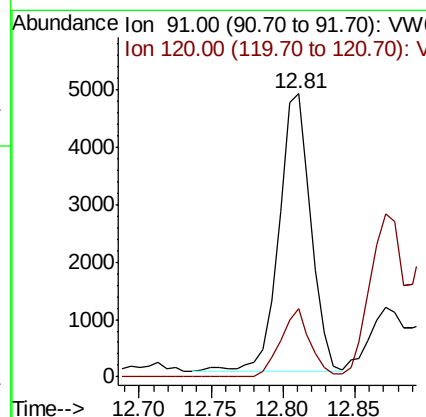
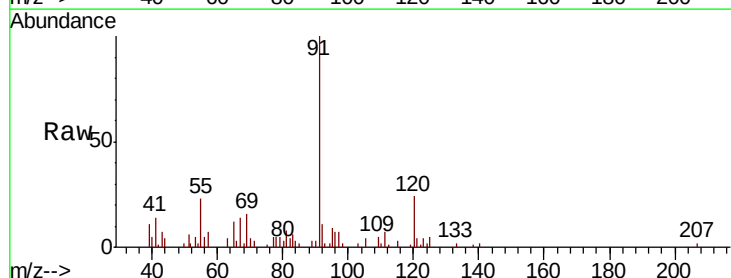
Instrument :
 MSVOA_W
 ClientSampleId :
 20180926-WCC-2-COMPOSITE

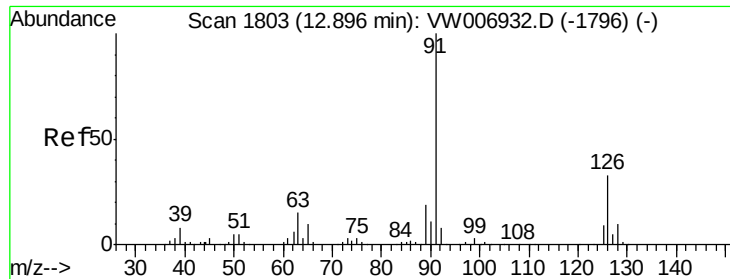
Tot Ion: 75 Resp: 120
 Ion Ratio Lower Upper
 75 100
 77 1114.2 0.0 0.0#



#78
 n-propylbenzene
 Concen: 15.443 ug/l
 RT: 12.81 min Scan# 1789
 Delta R.T. 0.00 min
 Lab File: VW006967.D
 Acq: 20 Nov 2018 02:05

Tgt Ion: 91 Resp: 7480
 Ion Ratio Lower Upper
 91 100
 120 22.7 11.5 34.5

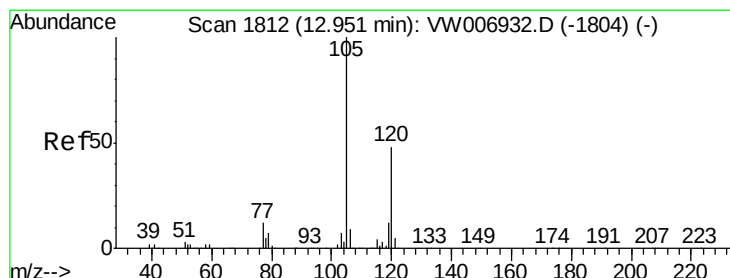
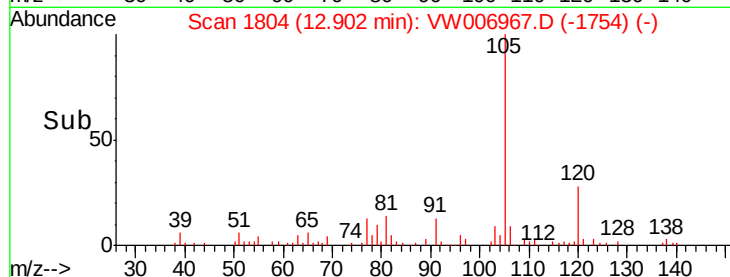
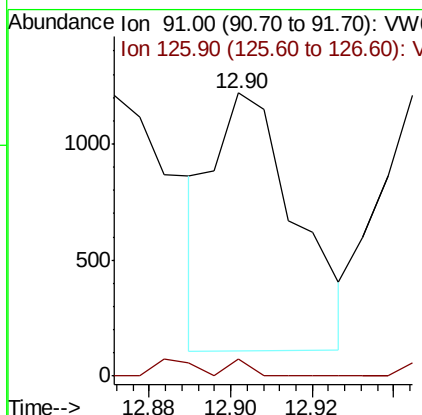
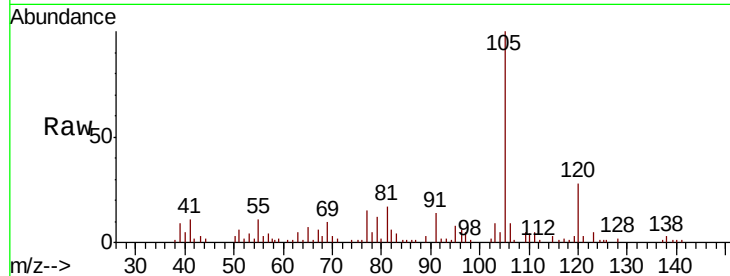




#79
2-Chlorotoluene
Concen: 5.517 ug/l
RT: 12.90 min Scan# 1804
Delta R.T. 0.01 min
Lab File: VW006967.D
Acq: 20 Nov 2018 02:05

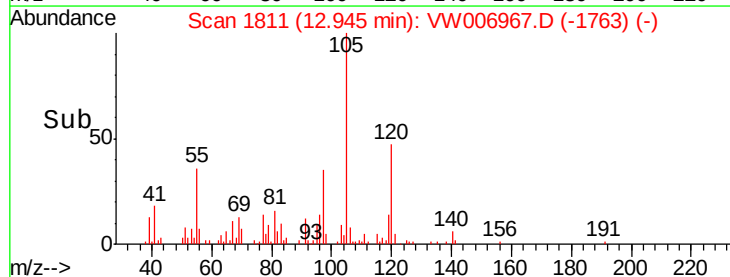
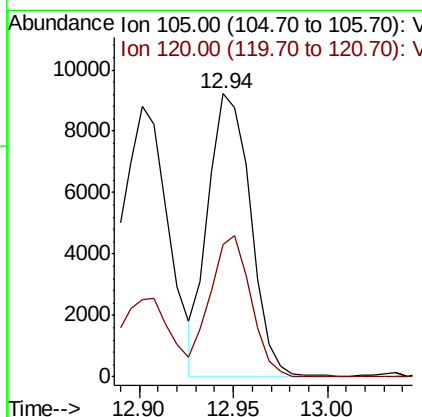
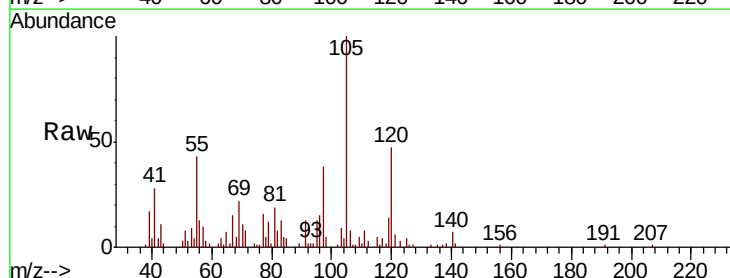
Instrument :
MSVOA_W
ClientSampleId :
20180926-WCC-2-COMPOSITE

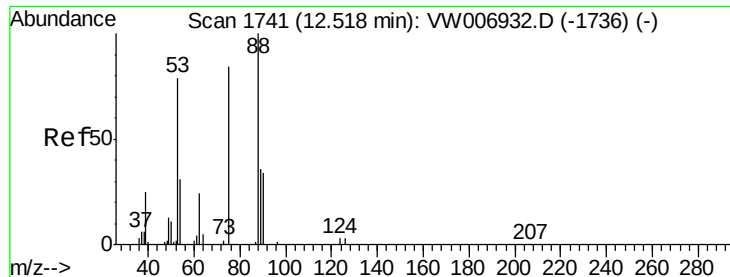
Tot Ion: 91 Resp: 1566
Ion Ratio Lower Upper
91 100
126 0.0 16.6 49.7#



#80
1,3,5-Trimethylbenzene
Concen: 41.780 ug/l
RT: 12.94 min Scan# 1811
Delta R.T. -0.01 min
Lab File: VW006967.D
Acq: 20 Nov 2018 02:05

Tgt Ion:105 Resp: 14502
Ion Ratio Lower Upper
105 100
120 47.6 23.5 70.5

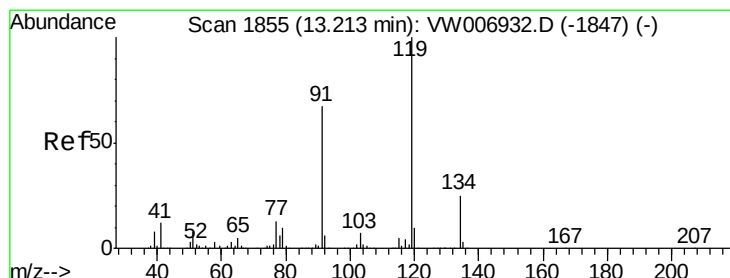
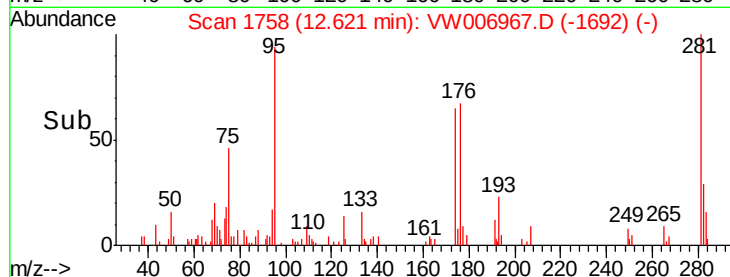
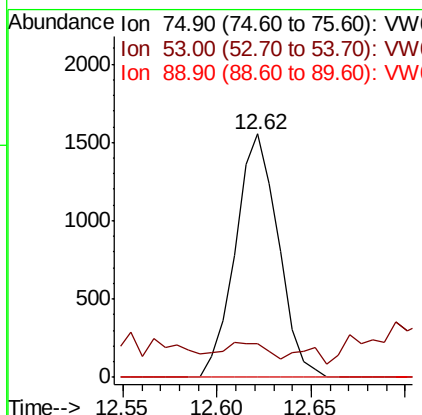
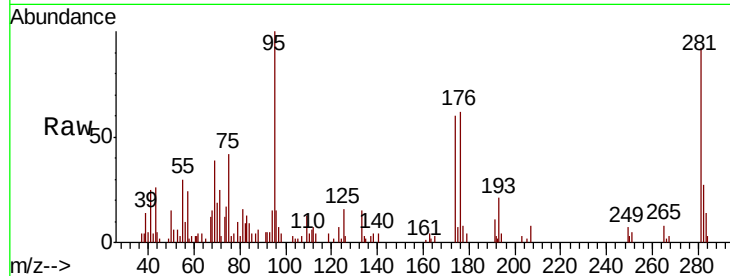




#81
 trans-1,4-Dichloro-2-butene
 Concen: 135.788 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.10 min
 Lab File: VW006967.D
 Acq: 20 Nov 2018 02:05

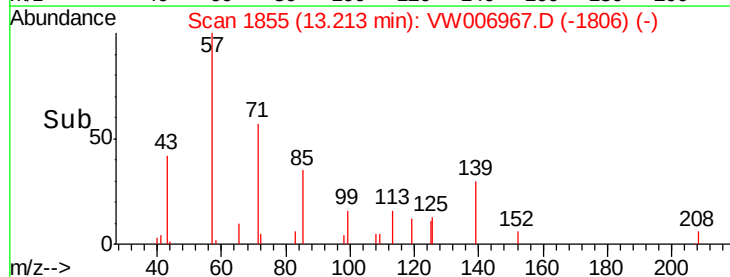
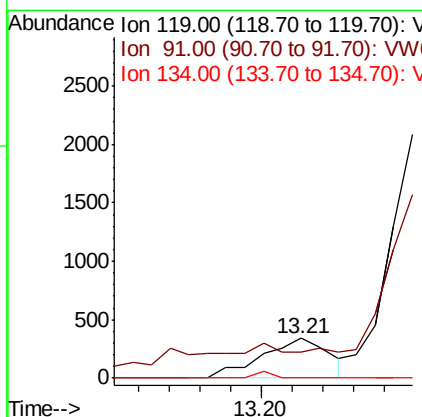
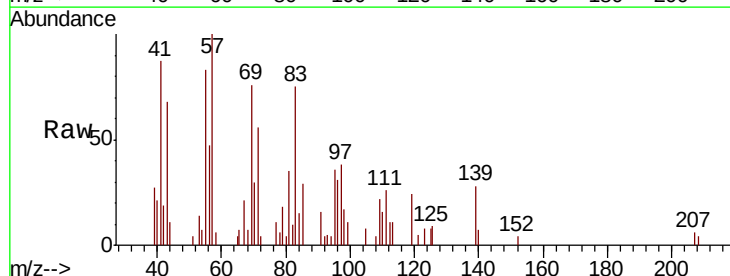
Instrument :
 MSVOA_W
 ClientSampleId :
 20180926-WCC-2-COMPOSITE

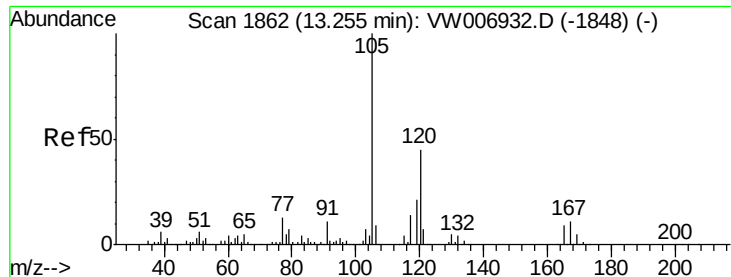
Tot Ion: 75 Resp: 2440
 Ion Ratio Lower Upper
 75 100
 53 6.8 79.3 118.9#
 89 0.0 39.5 59.3#



#83
 tert-Butylbenzene
 Concen: 1.771 ug/l
 RT: 13.21 min Scan# 1855
 Delta R.T. 0.00 min
 Lab File: VW006967.D
 Acq: 20 Nov 2018 02:05

Tgt Ion: 119 Resp: 522
 Ion Ratio Lower Upper
 119 100
 91 0.0 33.8 101.4#
 134 0.0 12.6 37.8#

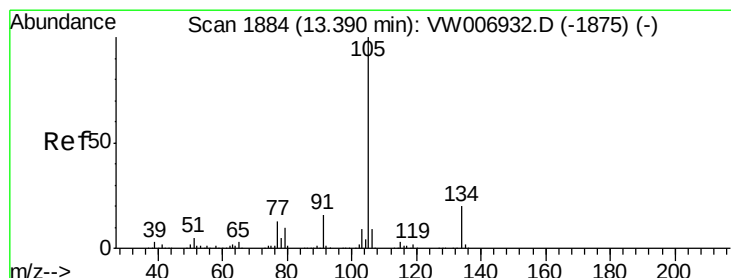
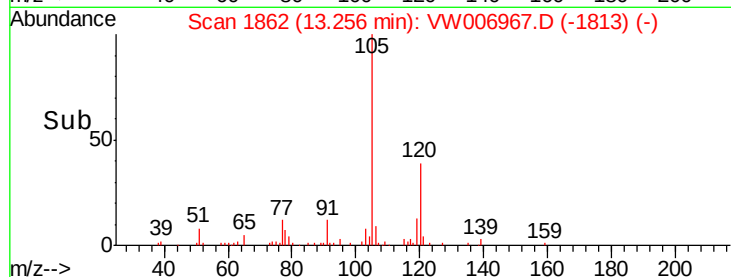
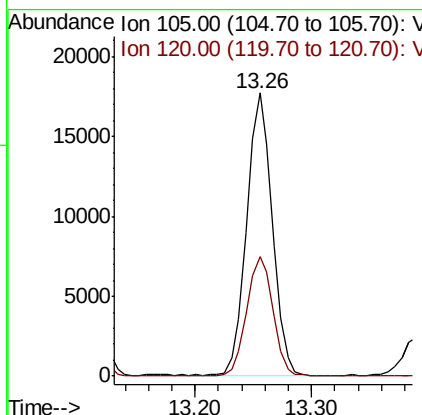
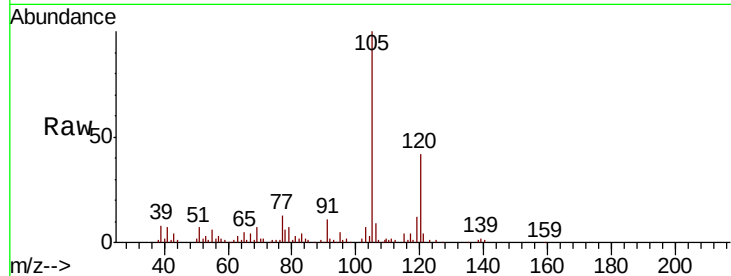




#84
 1,2,4-Trimethylbenzene
 Concen: 78.538 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. 0.00 min
 Lab File: VW006967.D
 Acq: 20 Nov 2018 02:05

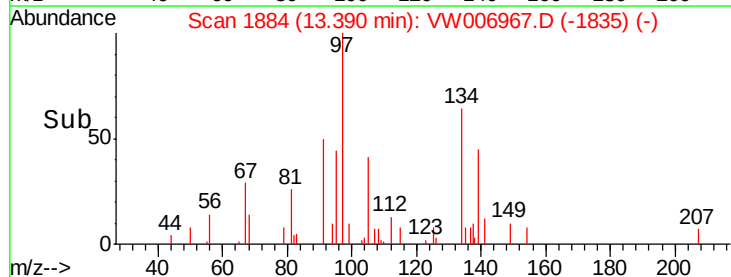
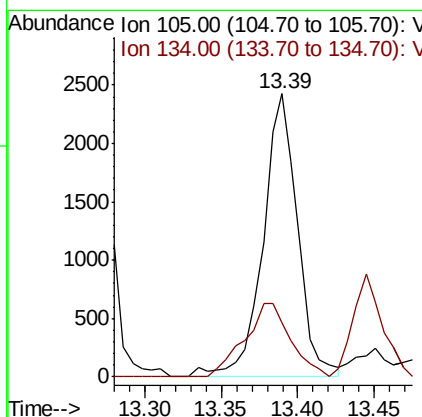
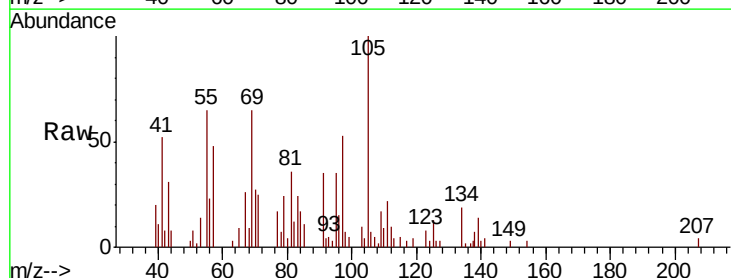
Instrument :
 MSVOA_W
 ClientSampleId :
 20180926-WCC-2-COMPOSITE

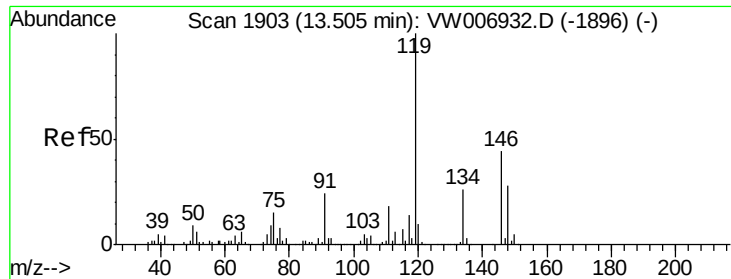
Tot Ion:105 Resp: 27386
 Ion Ratio Lower Upper
 105 100
 120 43.1 21.9 65.8



#85
 sec-Butylbenzene
 Concen: 9.087 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. 0.00 min
 Lab File: VW006967.D
 Acq: 20 Nov 2018 02:05

Tgt Ion:105 Resp: 3822
 Ion Ratio Lower Upper
 105 100
 134 34.3 9.8 29.4#

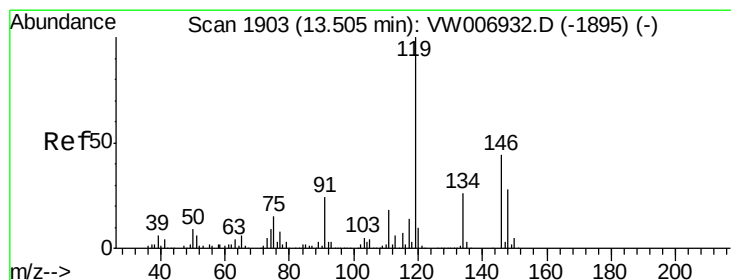
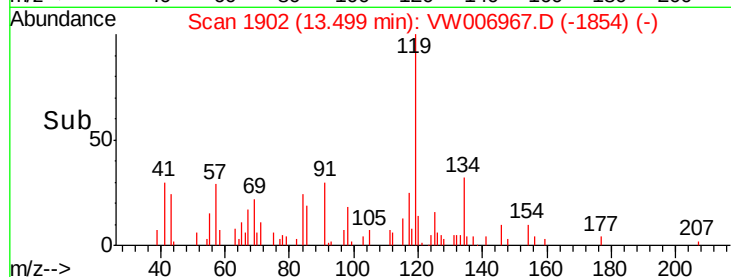
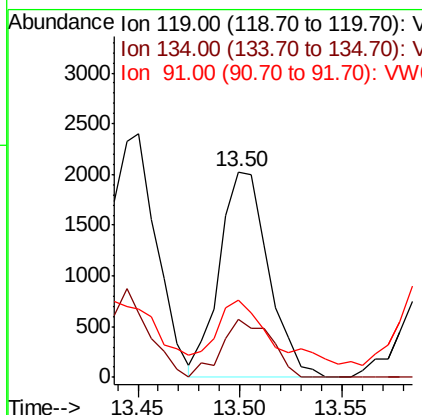
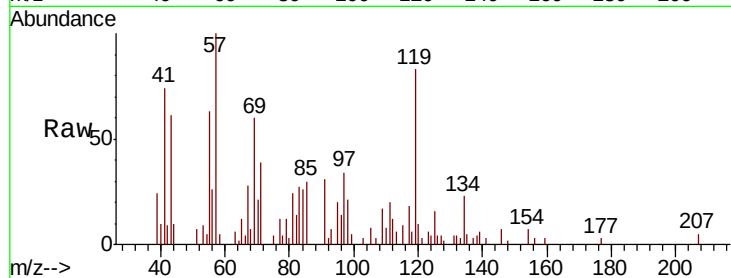




#86
 p-Isopropyltoluene
 Concen: 9.176 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.01 min
 Lab File: VW006967.D
 Acq: 20 Nov 2018 02:05

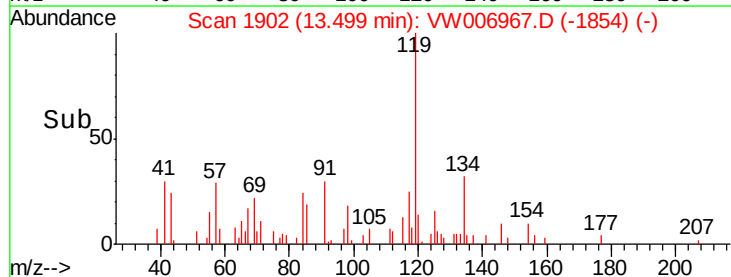
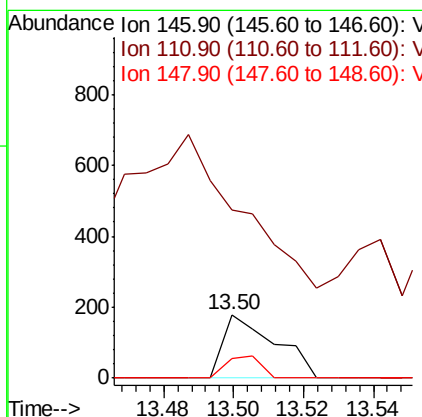
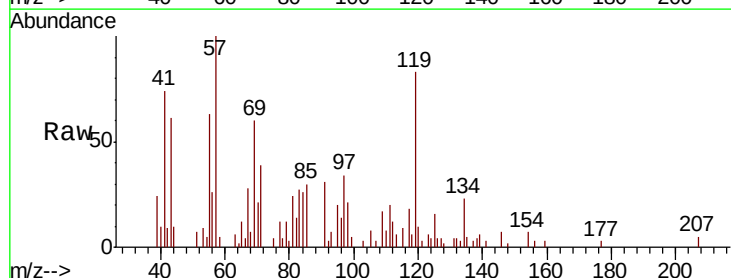
Instrument :
 MSVOA_W
 ClientSampleId :
 20180926-WCC-2-COMPOSITE

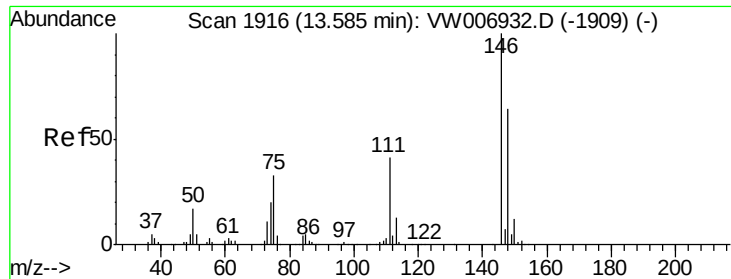
Tot Ion:119 Resp: 3373
 Ion Ratio Lower Upper
 119 100
 134 28.4 12.7 38.1
 91 33.1 12.4 37.2



#87
 1,3-Dichlorobenzene
 Concen: 1.053 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.01 min
 Lab File: VW006967.D
 Acq: 20 Nov 2018 02:05

Tgt Ion:146 Resp: 184
 Ion Ratio Lower Upper
 146 100
 111 508.7 21.3 63.9#
 148 22.8 31.9 95.9#





#88

1,4-Dichlorobenzene

Concen: 2.487 ug/l

RT: 13.58 min Scan# 1916

Delta R.T. 0.00 min

Lab File: VW006967.D

Acq: 20 Nov 2018 02:05

Instrument :

MSVOA_W

ClientSampleId :

20180926-WCC-2-COMPOSITE

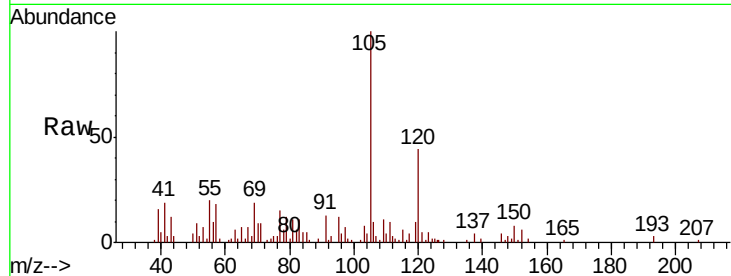
Tot Ion:146 Resp: 433

Ion Ratio Lower Upper

146 100

111 253.3 20.7 62.1#

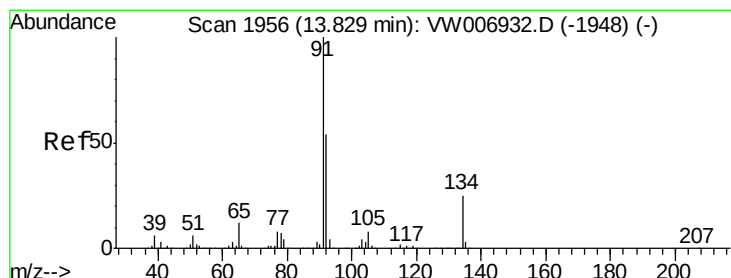
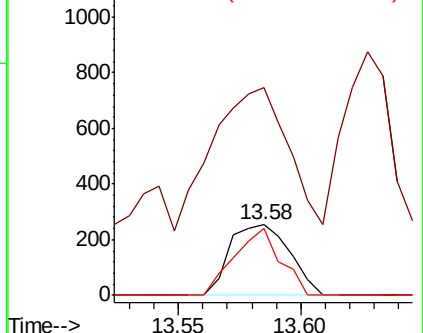
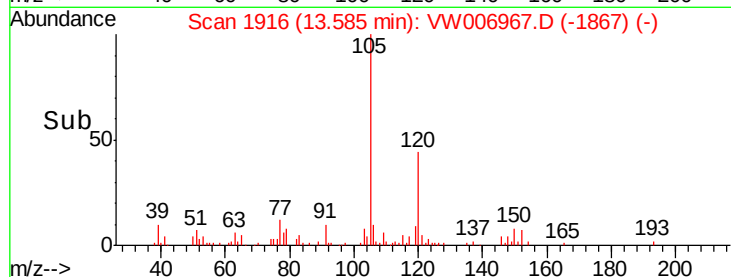
148 73.0 31.9 95.9



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



#89

n-Butylbenzene

Concen: 7.498 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. 0.00 min

Lab File: VW006967.D

Acq: 20 Nov 2018 02:05

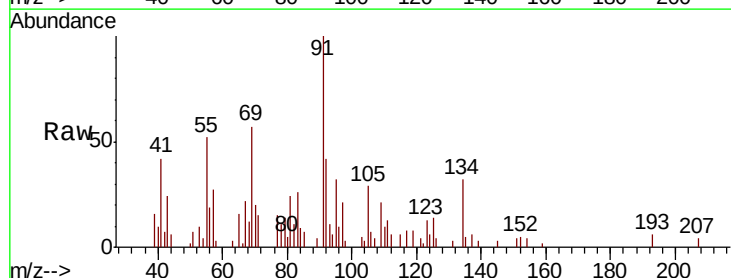
Tgt Ion: 91 Resp: 2609

Ion Ratio Lower Upper

91 100

92 86.8 26.4 79.2#

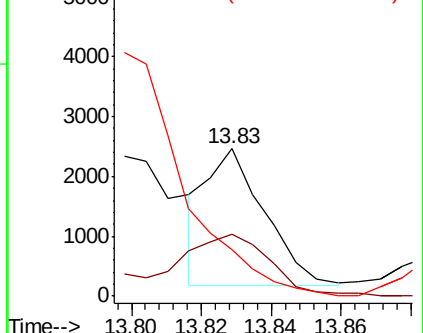
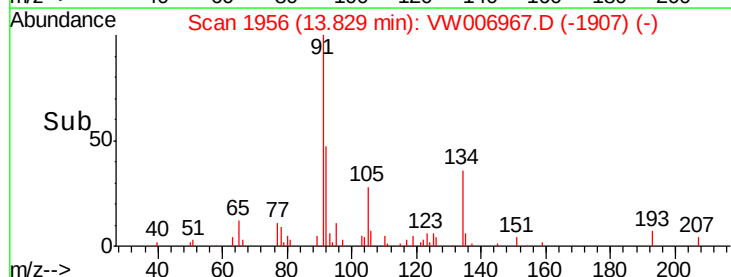
134 0.0 12.9 38.6#

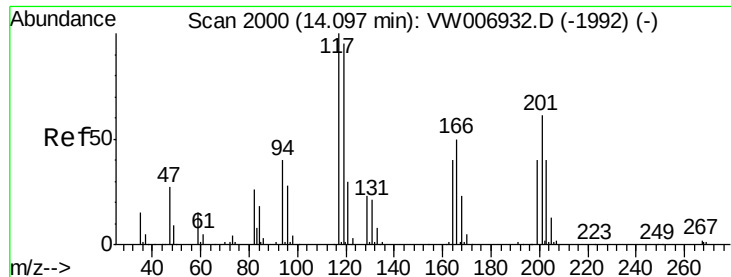


Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW

Ion 134.00 (133.70 to 134.70): V

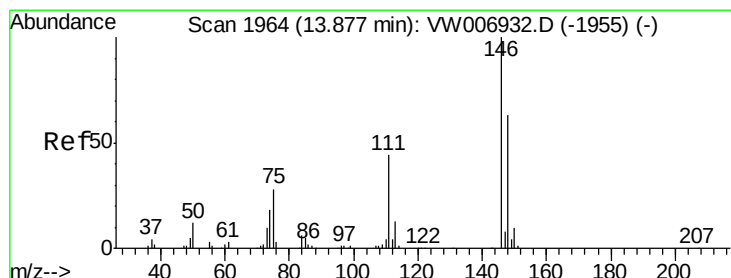
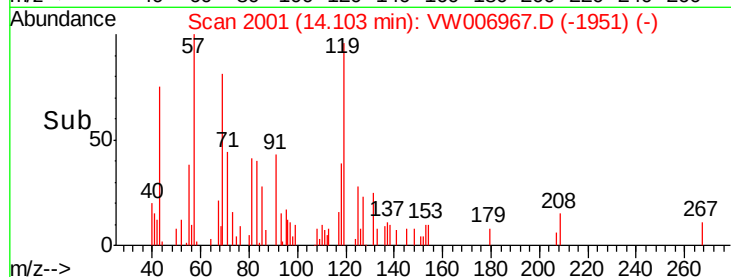
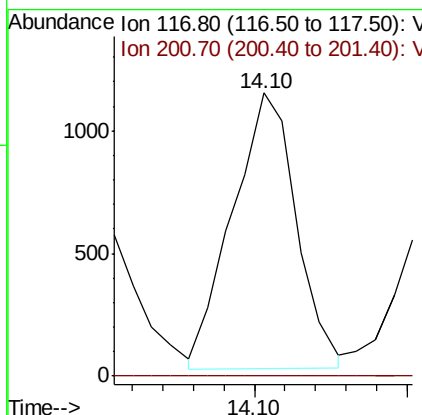
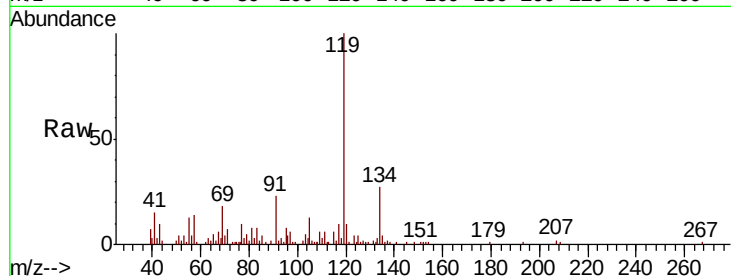




#90
Hexachloroethane
Concen: 27.167 ug/l
RT: 14.10 min Scan# 2001
Delta R.T. 0.01 min
Lab File: VW006967.D
Acq: 20 Nov 2018 02:05

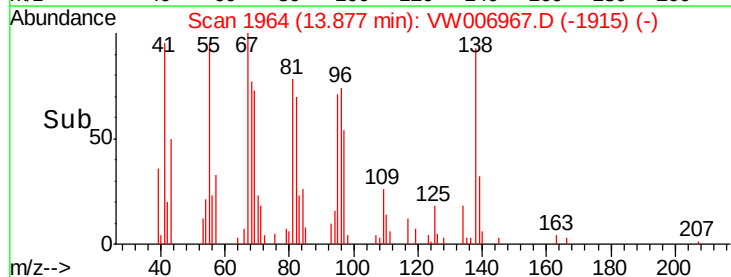
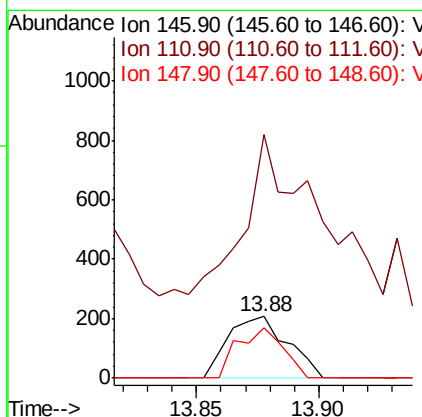
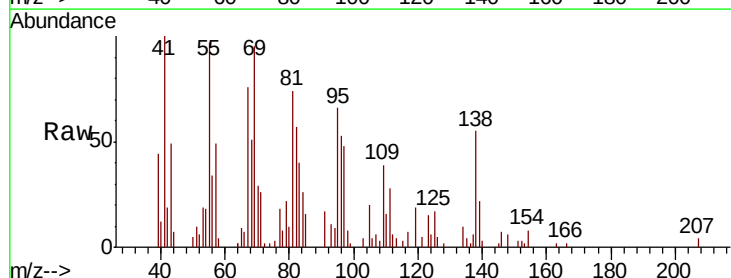
Instrument :
MSVOA_W
ClientSampleId :
20180926-WCC-2-COMPOSITE

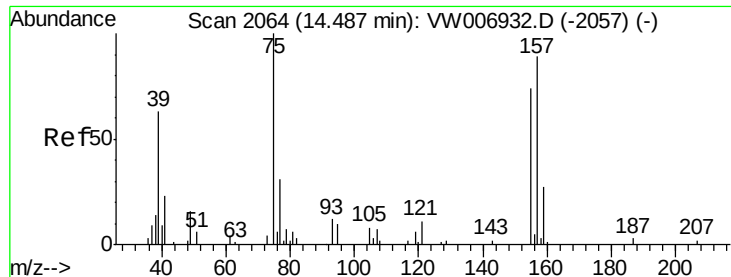
Tot Ion:117 Resp: 1628
Ion Ratio Lower Upper
117 100
201 0.0 33.8 101.4#



#91
1,2-Dichlorobenzene
Concen: 2.260 ug/l
RT: 13.88 min Scan# 1964
Delta R.T. 0.00 min
Lab File: VW006967.D
Acq: 20 Nov 2018 02:05

Tgt Ion:146 Resp: 353
Ion Ratio Lower Upper
146 100
111 400.8 22.6 67.7#
148 61.8 31.7 95.1





#92

1,2-Dibromo-3-Chloropropane

Concen: 4.970 ug/l

RT: 14.49 min Scan# 2065

Delta R.T. 0.01 min

Lab File: VW006967.D

Acq: 20 Nov 2018 02:05

Instrument :

MSVOA_W

ClientSampleId :

20180926-WCC-2-COMPOSITE

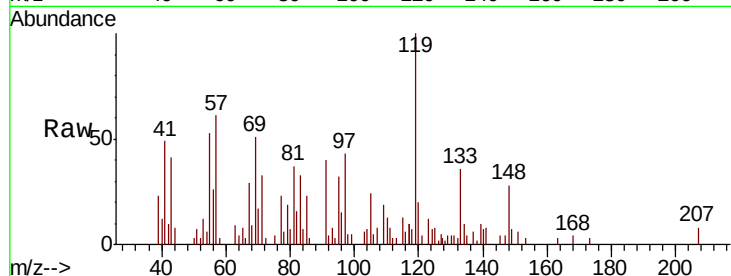
Tot Ion: 75 Resp: 51

Ion Ratio Lower Upper

75 100

155 0.0 38.6 115.7#

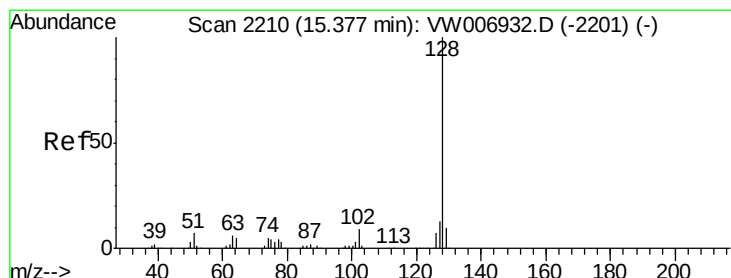
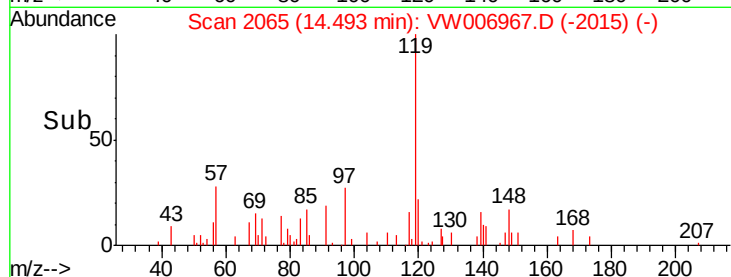
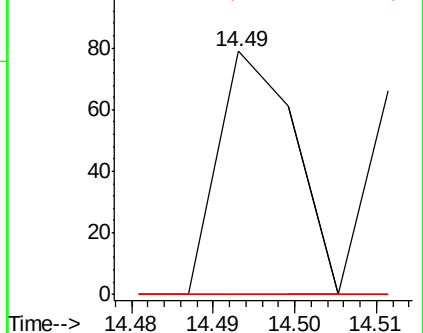
157 0.0 49.7 149.1#



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: 50.792 ug/l

RT: 15.38 min Scan# 2210

Delta R.T. 0.00 min

Lab File: VW006967.D

Acq: 20 Nov 2018 02:05

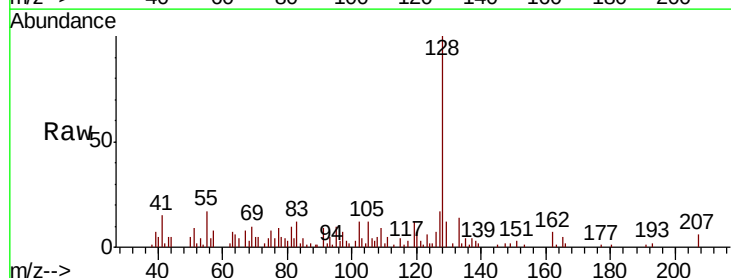
Tgt Ion:128 Resp: 9619

Ion Ratio Lower Upper

128 100

127 18.7 10.6 15.8#

129 11.5 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

