

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW112018\
 Data File : VW006968.D
 Acq On : 20 Nov 2018 02:30
 Operator : SY/AP
 Sample : J5993-03
 Misc : 5.03G/5ML/MSVOA W/SOIL
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 20180927-WCC-3-COMPOSITE

Quant Time: Nov 20 04:40:30 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	7.96	168	20058	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	33064	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	24551	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	9639	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	9274	41.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	82.98%	
35) Dibromofluoromethane	7.88	113	7908	40.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	81.70%	
50) Toluene-d8	10.32	98	36575	43.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.92%	
62) 4-Bromofluorobenzene	12.62	95	13162	40.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	81.14%	

Target Compounds

						Qvalue
11) Tert butyl alcohol	5.15	59	20	1.176	ug/l #	71
13) Acrolein	4.11	56	41	2.659	ug/l #	14
15) Acrylonitrile	5.45	53	690	15.360	ug/l #	36
16) Acetone	4.13	43	7675	224.470	ug/l	98
17) Carbon Disulfide	4.37	76	4845	8.287	ug/l #	93
20) Methylene Chloride	4.92	84	1123	1.495	ug/l #	91
25) 2-Butanone	7.17	43	1938	34.129	ug/l #	79
29) Tetrahydrofuran	7.69	42	43	1.164	ug/l #	1
30) Chloroform	7.63	83	934	2.230	ug/l #	17
31) Cyclohexane	7.95	56	14725	38.468	ug/l #	82
36) 1,1-Dichloropropene	7.95	75	1505	4.778	ug/l #	45
37) Ethyl Acetate	7.17	43	1938	14.471	ug/l #	68
38) Carbon Tetrachloride	7.95	117	1965	6.348	ug/l #	20
39) Methylcyclohexane	9.34	83	74554	190.716	ug/l	95
40) Benzene	8.33	78	19076	21.428	ug/l	93
41) Methacrylonitrile	7.53	41	305	3.718	ug/l #	51
43) Isopropyl Acetate	8.42	43	7967	31.003	ug/l #	51
47) Bromodichloromethane	9.62	83	3237	10.795	ug/l #	34
48) Methyl methacrylate	9.47	41	1900	15.322	ug/l #	11
51) 4-Methyl-2-Pentanone	10.26	43	4156	32.814	ug/l #	74
52) Toluene	10.40	92	1069	1.795	ug/l	88
53) t-1,3-Dichloropropene	10.71	75	402	1.372	ug/l #	43
55) 1,1,2-Trichloroethane	10.76	97	23530	140.131	ug/l #	23
56) Ethyl methacrylate	10.66	69	8769	42.005	ug/l #	18
58) 2-Chloroethyl Vinyl ether	9.90	63	342	3.332	ug/l #	47
59) 2-Hexanone	10.94	43	31019	365.941	ug/l #	30
60) Dibromochloromethane	10.93	129	195	1.018	ug/l #	11
65) Chlorobenzene	11.66	112	1553	2.996	ug/l	97
67) Ethyl Benzene	11.73	91	7008	7.498	ug/l	95
68) m/p-Xylenes	11.84	106	58079	159.576	ug/l	99
69) o-Xylene	12.17	106	37350	108.124	ug/l	98
70) Styrene	12.16	104	2057	3.703	ug/l #	1
73) Isopropylbenzene	12.47	105	8754	11.468	ug/l	100
74) N-ethyl acetate	12.26	43	18937	123.953	ug/l #	52

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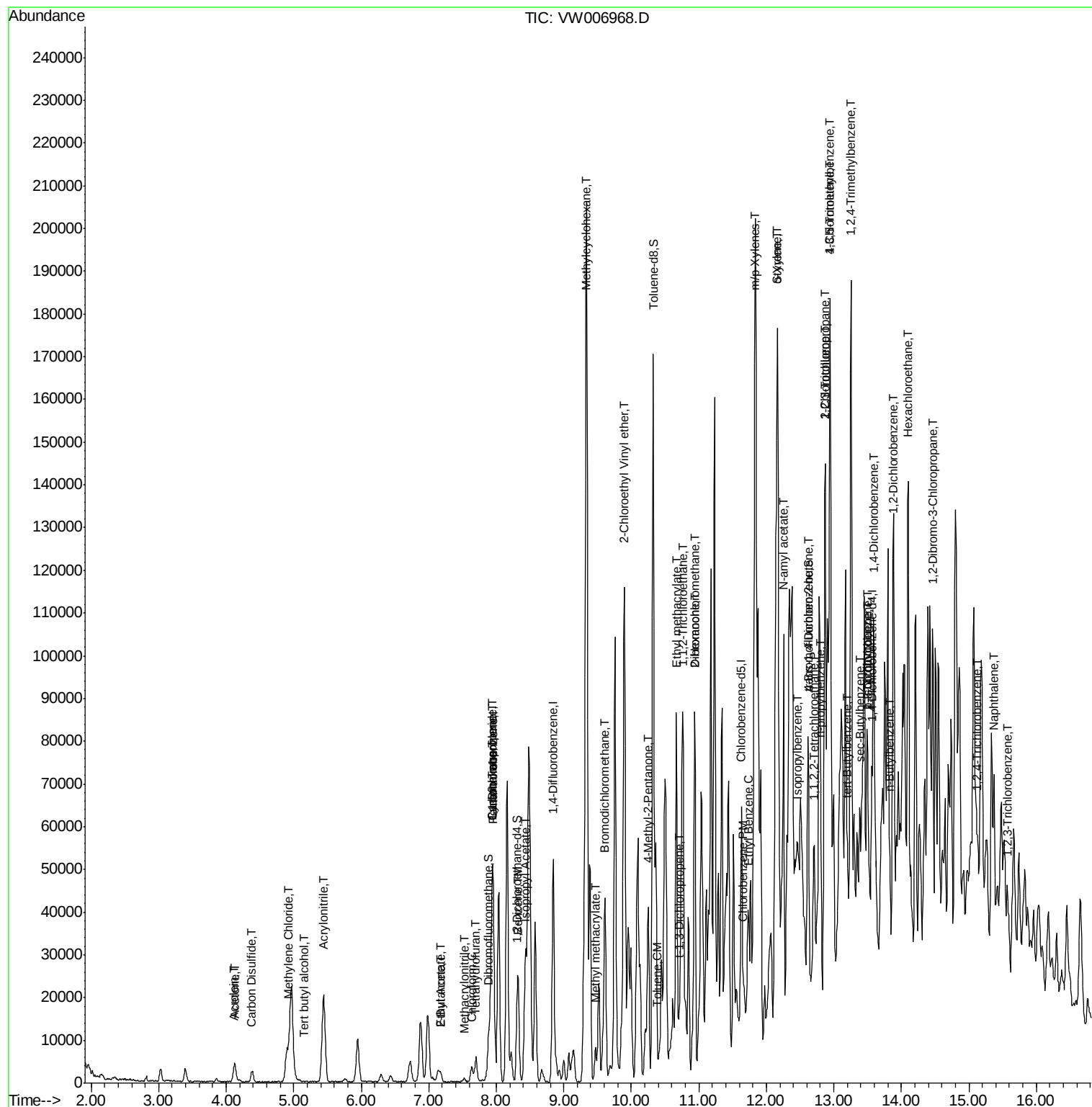
75) 1,1,2,2-Tetrachloroethane	12.70	83	1764	15.710	ug/l #	83
76) 1,2,3-Trichloropropane	12.87	75	650	8.391	ug/l #	100
78) n-propylbenzene	12.81	91	24482	26.690	ug/l	98
79) 2-Chlorotoluene	12.87	91	8239	15.327	ug/l #	42
80) 1,3,5-Trimethylbenzene	12.94	105	39930	60.748	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.62	75	4798	140.999	ug/l #	16
82) 4-Chlorotoluene	12.95	91	4339	7.656	ug/l #	56
83) tert-Butylbenzene	13.21	119	977	1.750	ug/l	73
84) 1,2,4-Trimethylbenzene	13.26	105	84764	128.365	ug/l	99
85) sec-Butylbenzene	13.39	105	10008	12.565	ug/l #	63
86) p-Isopropyltoluene	13.51	119	13684	19.658	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	764	2.309	ug/l #	1
88) 1,4-Dichlorobenzene	13.58	146	3322	10.075	ug/l #	51
89) n-Butylbenzene	13.83	91	10076	15.292	ug/l #	70
90) Hexachloroethane	14.10	117	4459	39.293	ug/l #	16
91) 1,2-Dichlorobenzene	13.87	146	675	2.282	ug/l #	13
92) 1,2-Dibromo-3-Chloropropan	14.47	75	399	20.534	ug/l #	5
93) 1,2,4-Trichlorobenzene	15.13	180	341	1.832	ug/l #	1
95) Naphthalene	15.38	128	26737	74.553	ug/l	96
96) 1,2,3-Trichlorobenzene	15.58	180	193	1.210	ug/l #	56

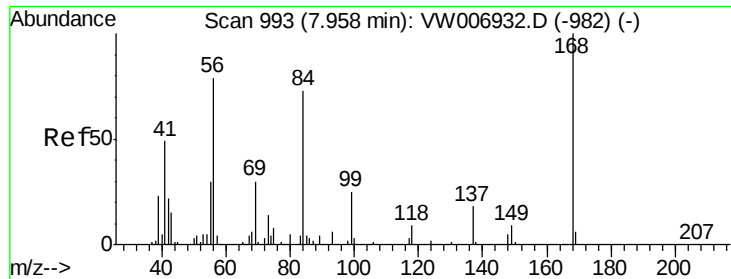
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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 02:30

Instrument :

MSVOA_W

ClientSampleId :

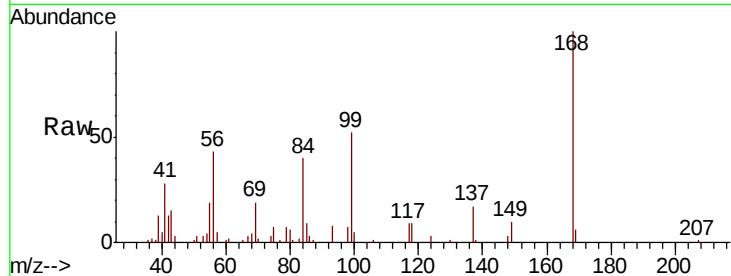
20180927-WCC-3-COMPOSITE

Tot Ion:168 Resp: 20058

Ion Ratio Lower Upper

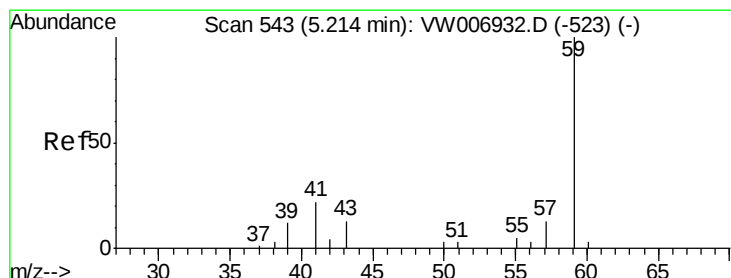
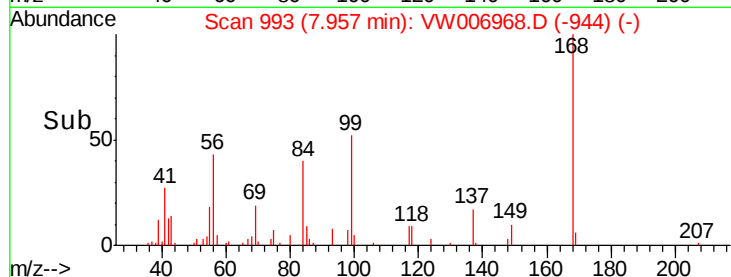
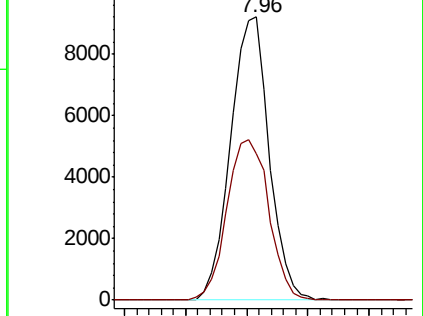
168 100

99 51.9 49.3 73.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#11

Tert butyl alcohol

Concen: 1.176 ug/l

RT: 5.15 min Scan# 533

Delta R.T. -0.06 min

Lab File: VW006968.D

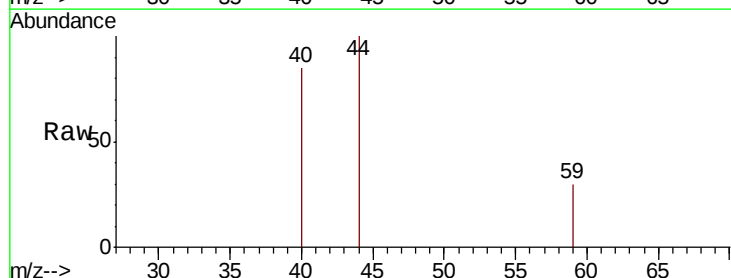
Acq: 20 Nov 2018 02:30

Tgt Ion: 59 Resp: 20

Ion Ratio Lower Upper

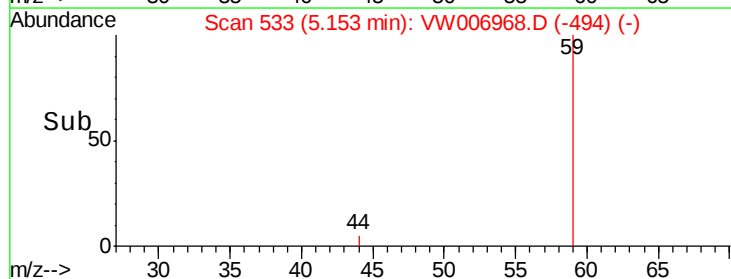
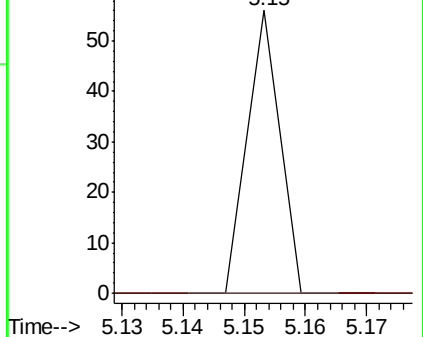
59 100

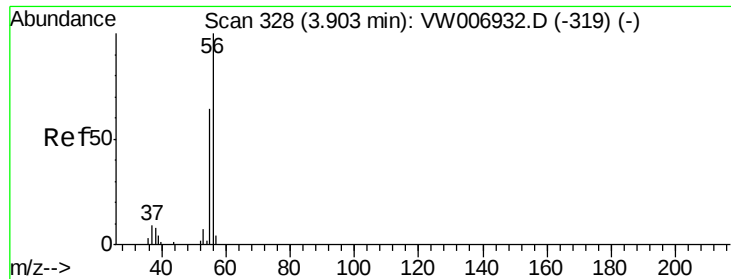
57 0.0 8.8 13.2#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW





#13

Acrolein

Concen: 2.659 ug/l

RT: 4.11 min Scan# 362

Delta R.T. 0.21 min

Lab File: VW006968.D

Acq: 20 Nov 2018 02:30

Instrument :

MSVOA_W

ClientSampleId :

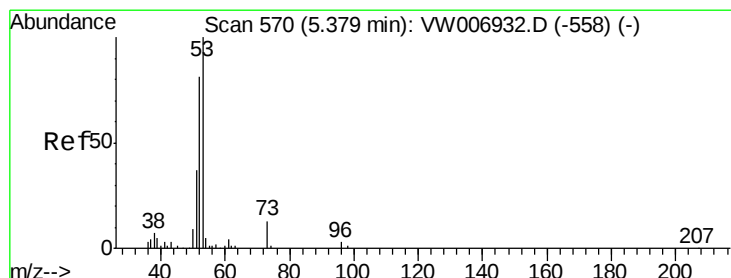
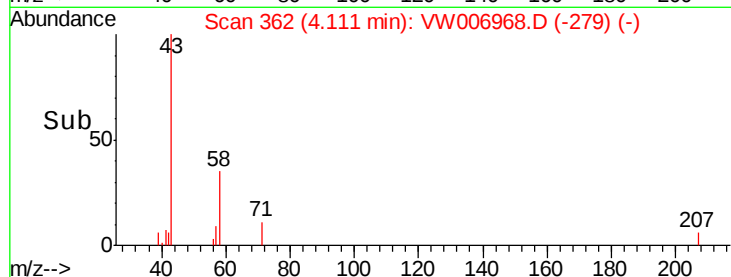
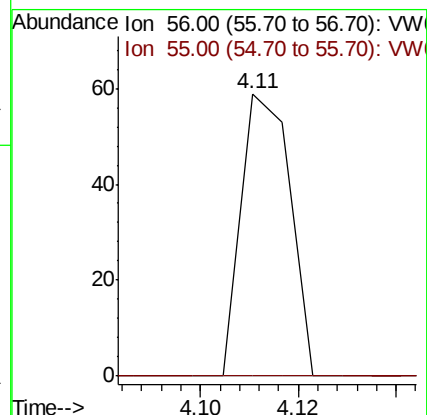
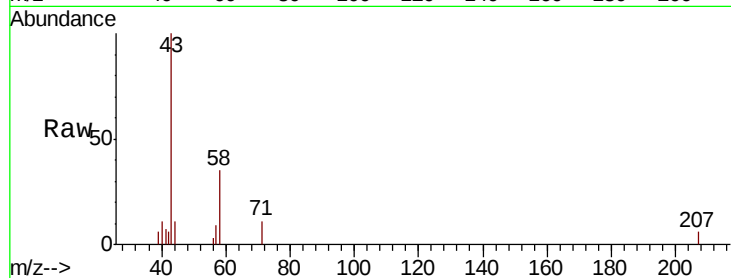
20180927-WCC-3-COMPOSITE

Tot Ion: 56 Resp: 41

Ion Ratio Lower Upper

56 100

55 0.0 56.5 84.7#



#15

Acrylonitrile

Concen: 15.360 ug/l

RT: 5.45 min Scan# 581

Delta R.T. 0.07 min

Lab File: VW006968.D

Acq: 20 Nov 2018 02:30

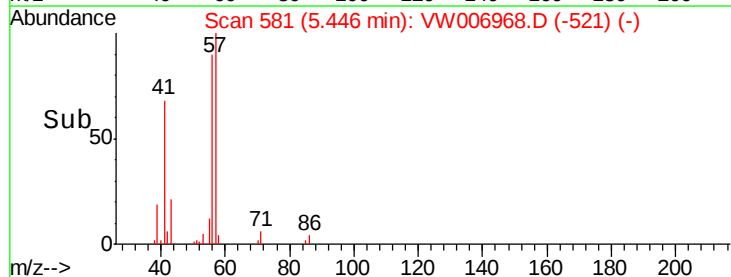
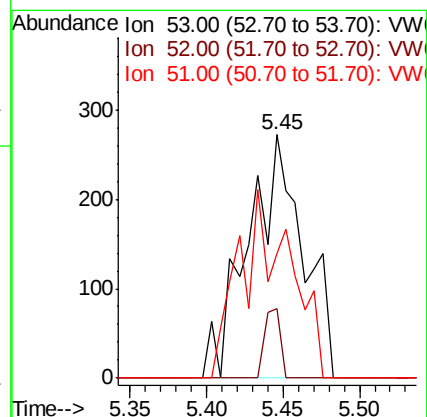
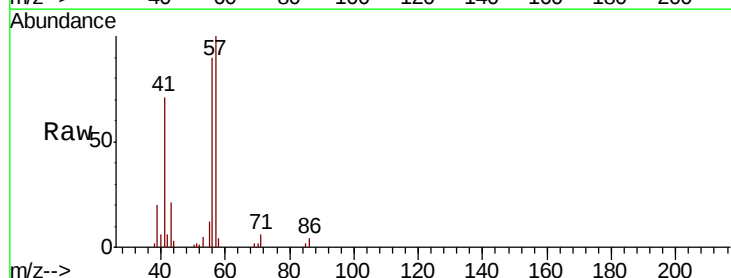
Tgt Ion: 53 Resp: 690

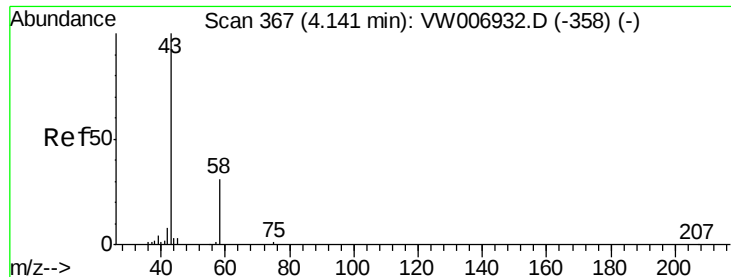
Ion Ratio Lower Upper

53 100

52 8.1 67.0 100.6#

51 48.4 29.8 44.6#





#16

Acetone

Concen: 224.470 ug/l

RT: 4.13 min Scan# 365

Delta R.T. -0.01 min

Lab File: VW006968.D

Acq: 20 Nov 2018 02:30

Instrument :

MSVOA_W

ClientSampleId :

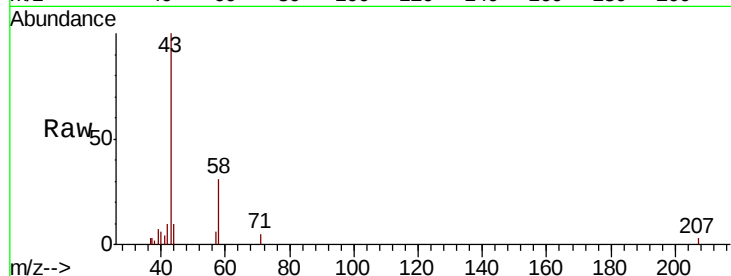
20180927-WCC-3-COMPOSITE

Tot Ion: 43 Resp: 7675

Ion Ratio Lower Upper

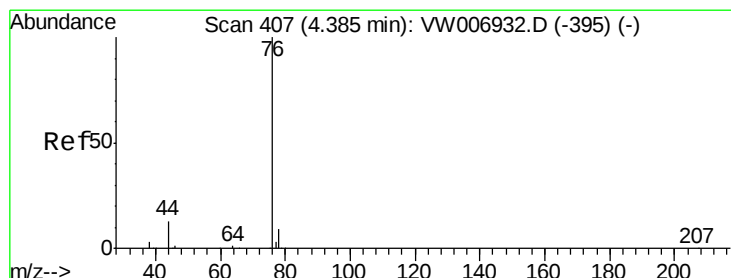
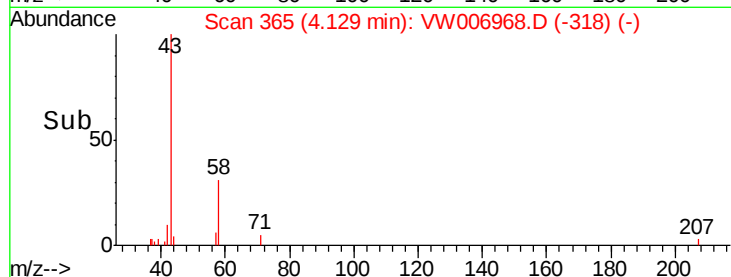
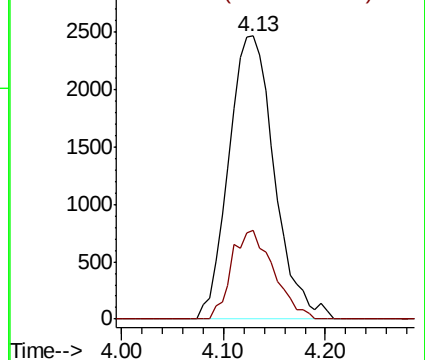
43 100

58 31.5 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: 8.287 ug/l

RT: 4.37 min Scan# 405

Delta R.T. -0.01 min

Lab File: VW006968.D

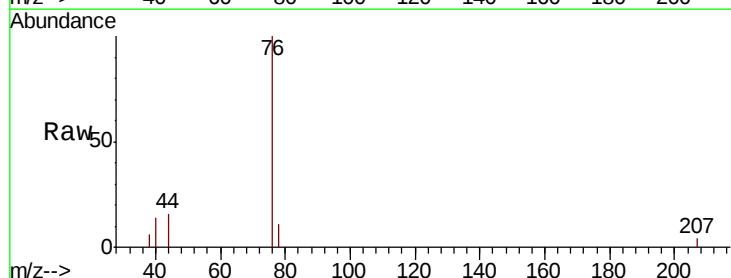
Acq: 20 Nov 2018 02:30

Tgt Ion: 76 Resp: 4845

Ion Ratio Lower Upper

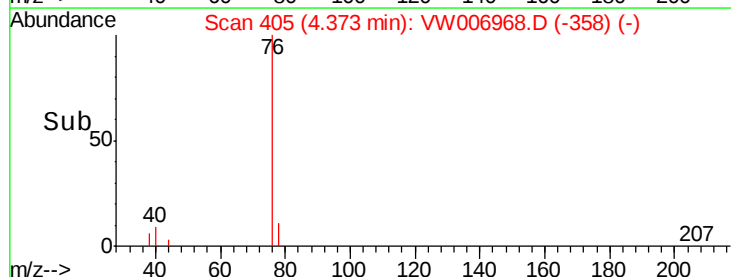
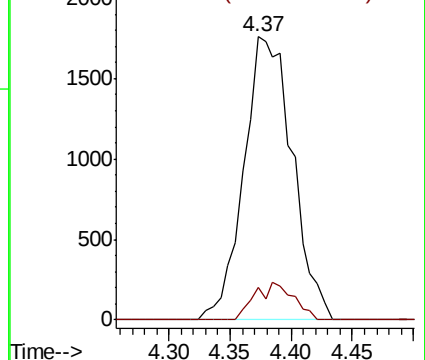
76 100

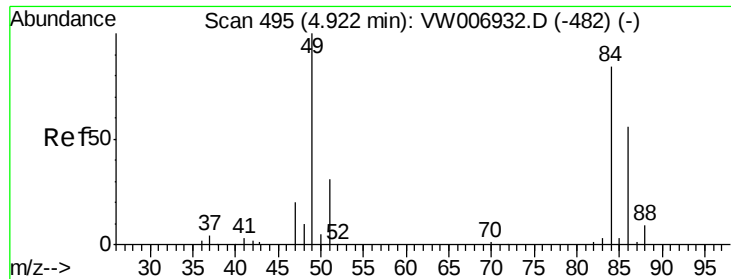
78 11.4 7.1 10.7#



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW

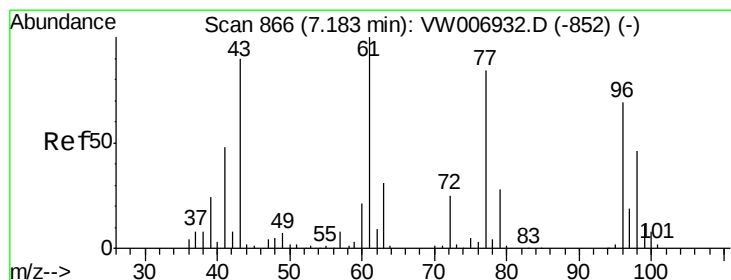
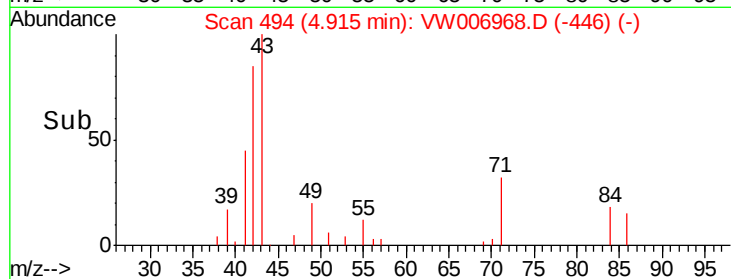
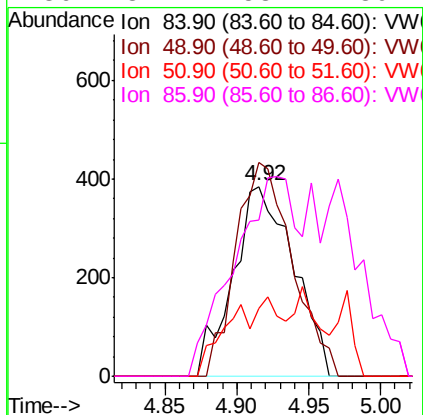
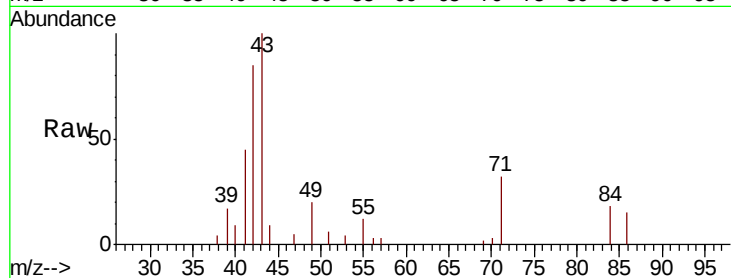




#20
Methvlene Chloride
Concen: 1.495 ug/l
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
Lab File: VW006968.D
Acq: 20 Nov 2018 02:30

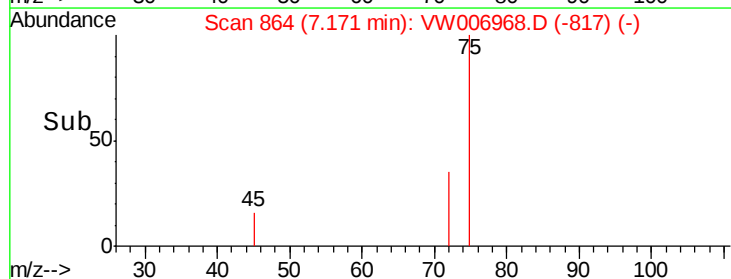
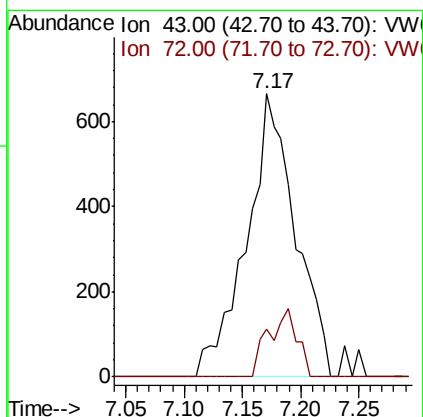
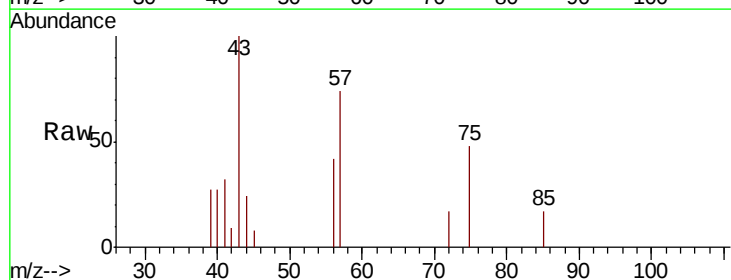
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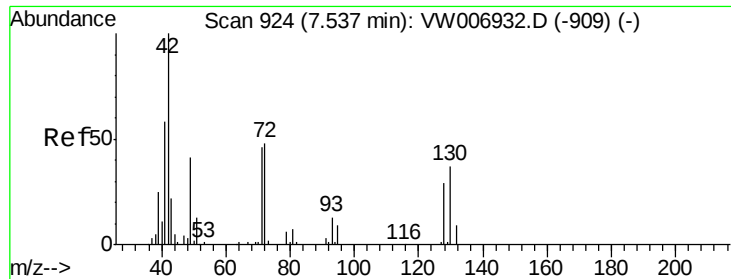
Tot Ion: 84 Resp: 1123
Ion Ratio Lower Upper
84 100
49 112.5 95.4 143.2
51 35.8 29.5 44.3
86 82.1 53.4 80.2#



#25
2-Butanone
Concen: 34.129 ug/l
RT: 7.17 min Scan# 864
Delta R.T. -0.01 min
Lab File: VW006968.D
Acq: 20 Nov 2018 02:30

Tgt Ion: 43 Resp: 1938
Ion Ratio Lower Upper
43 100
72 16.7 22.1 33.1#





#29

Tetrahydrofuran

Concen: 1.164 ug/l

RT: 7.69 min Scan# 949

Delta R.T. 0.15 min

Lab File: VW006968.D

Acq: 20 Nov 2018 02:30

Instrument :

MSVOA_W

ClientSampleId :

20180927-WCC-3-COMPOSITE

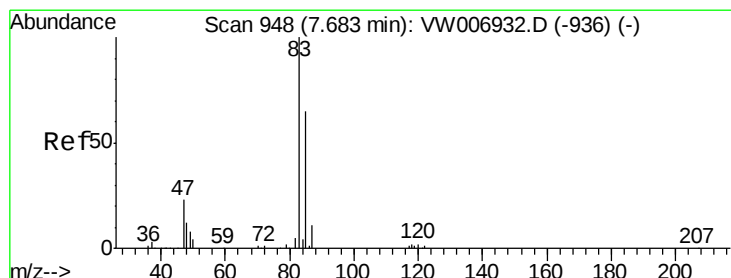
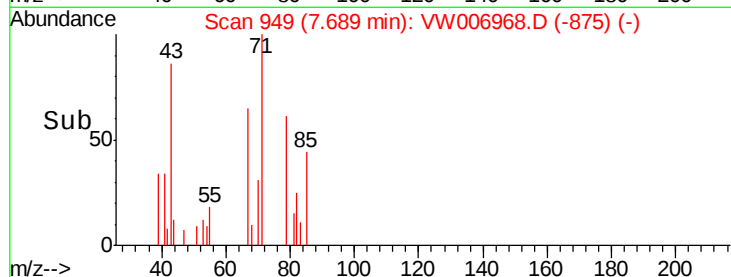
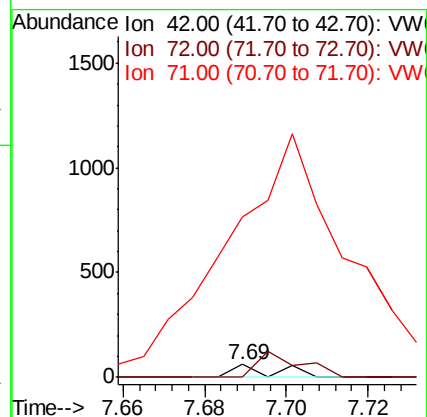
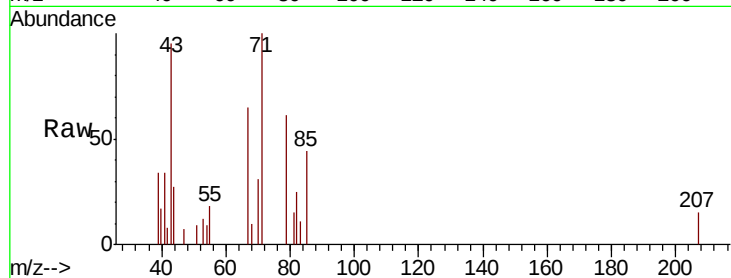
Tot Ion: 42 Resp: 43

Ion Ratio Lower Upper

42 100

72 216.3 35.7 53.5#

71 5744.2 33.7 50.5#



#30

Chloroform

Concen: 2.230 ug/l

RT: 7.63 min Scan# 939

Delta R.T. -0.05 min

Lab File: VW006968.D

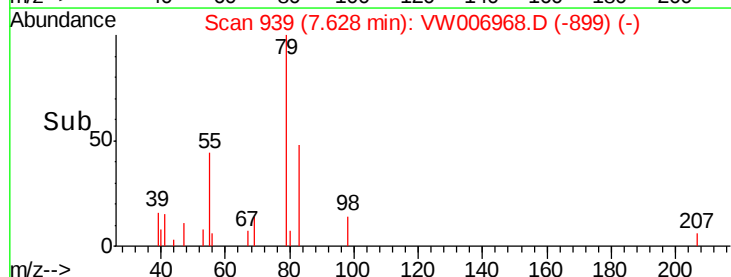
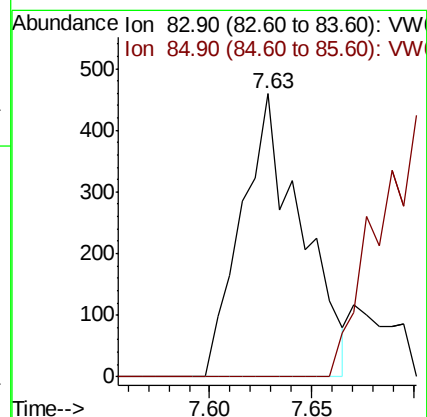
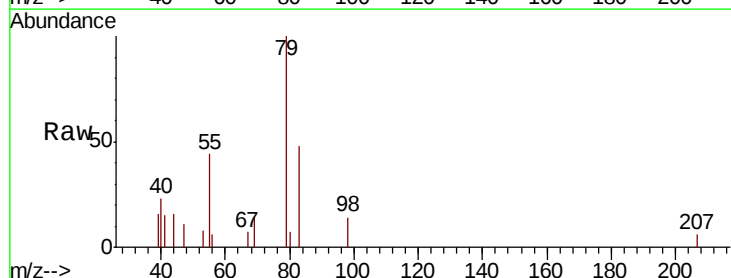
Acq: 20 Nov 2018 02:30

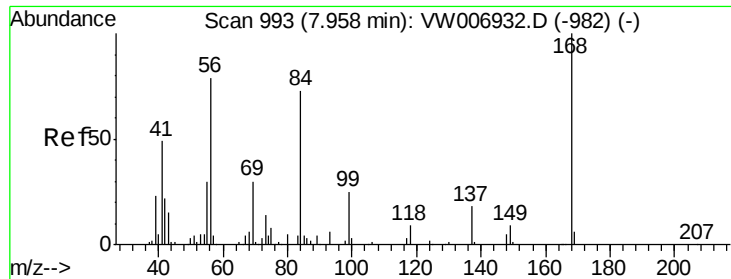
Tgt Ion: 83 Resp: 934

Ion Ratio Lower Upper

83 100

85 0.0 52.2 78.4#

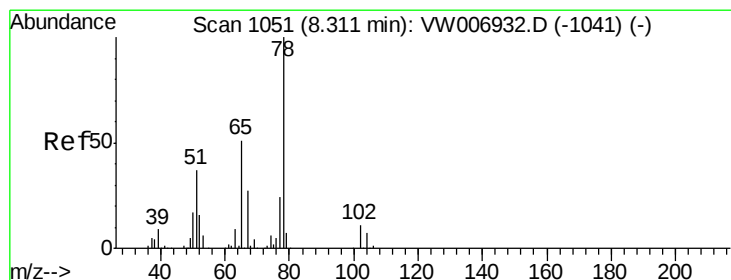
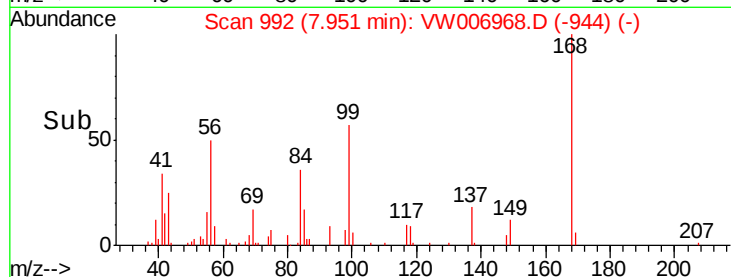
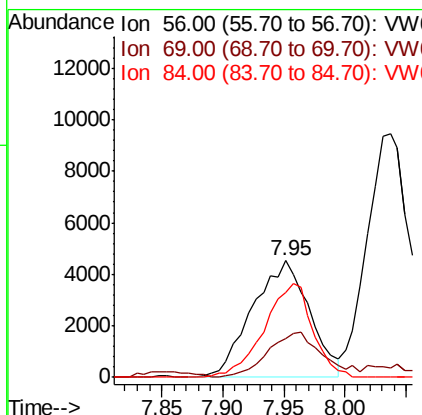
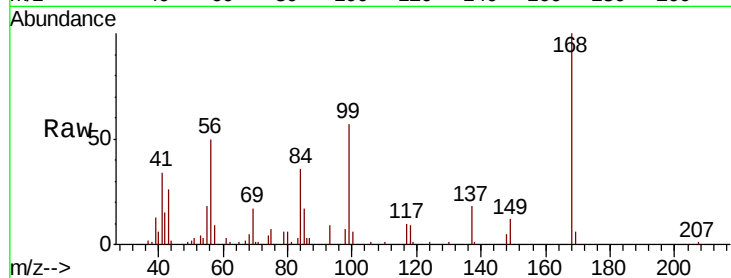




#31
Cyclohexane
Concen: 38.468 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW006968.D
Acq: 20 Nov 2018 02:30

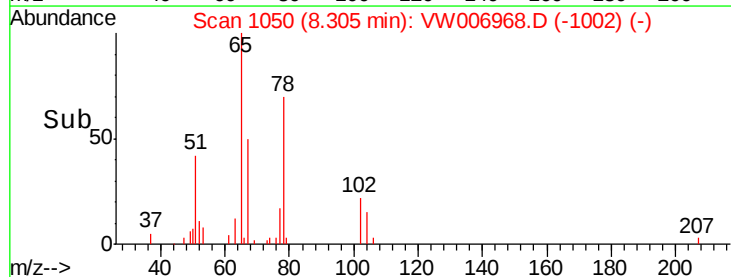
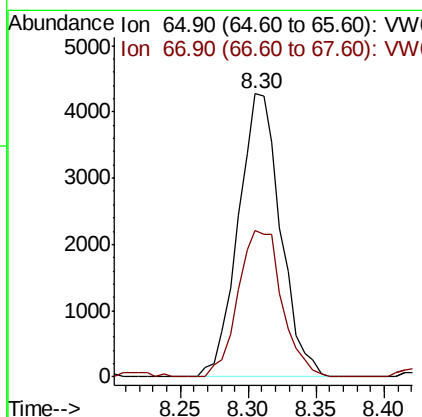
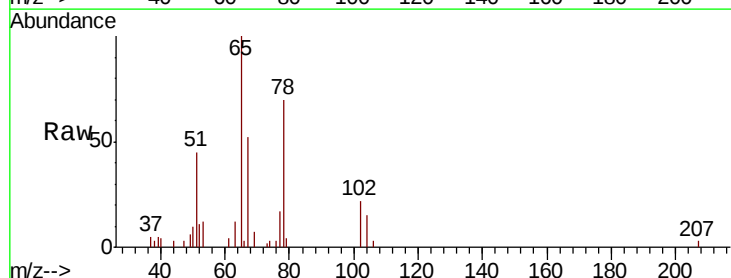
Instrument :
MSVOA_W
ClientSampleId :
20180927-WCC-3-COMPOSITE

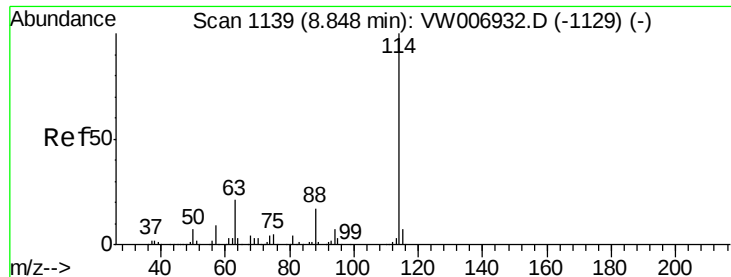
Tot Ion: 56 Resp: 14725
Ion Ratio Lower Upper
56 100
69 29.9 30.2 45.2#
84 72.4 73.6 110.4#



#33
1,2-Dichloroethane-d4
Concen: 41.488 ug/l
RT: 8.30 min Scan# 1050
Delta R.T. -0.01 min
Lab File: VW006968.D
Acq: 20 Nov 2018 02:30

Tgt Ion: 65 Resp: 9274
Ion Ratio Lower Upper
65 100
67 54.0 0.0 104.0

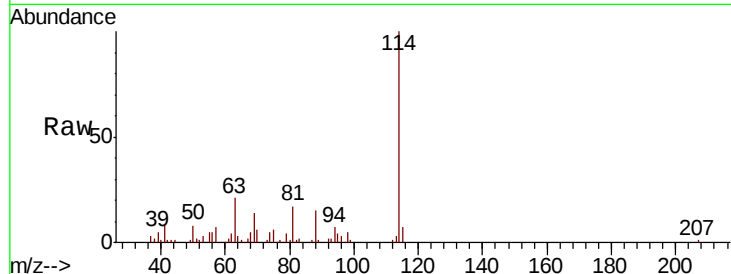




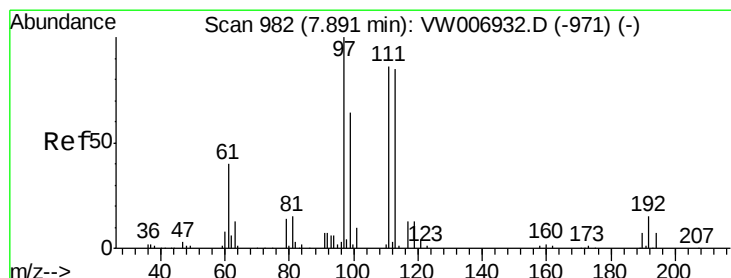
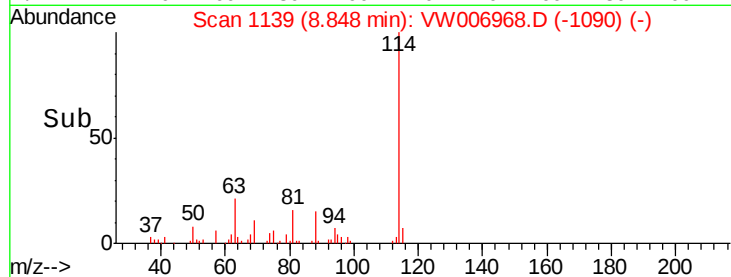
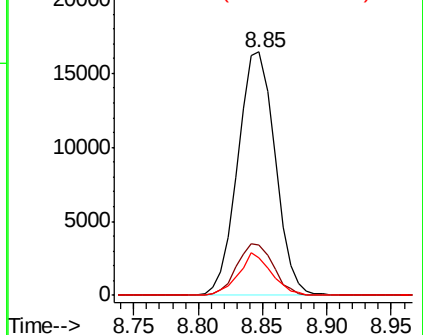
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW006968.D
 Acq: 20 Nov 2018 02:30

Instrument :
 MSVOA_W
 ClientSampleId :
 20180927-WCC-3-COMPOSITE

Tot Ion:114 Resp: 33064
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 42.2
 88 15.4 0.0 33.4

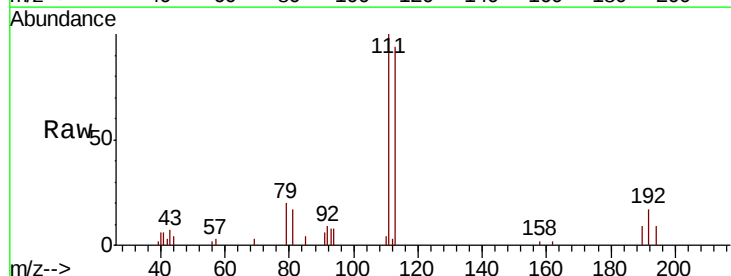


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

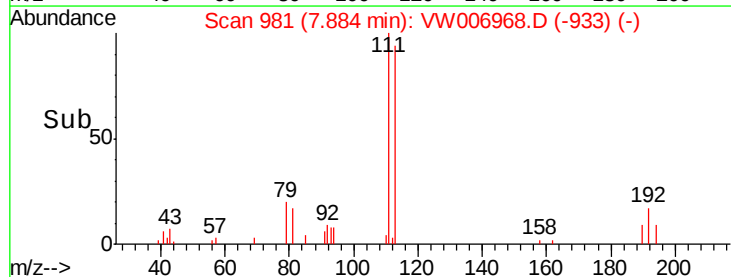
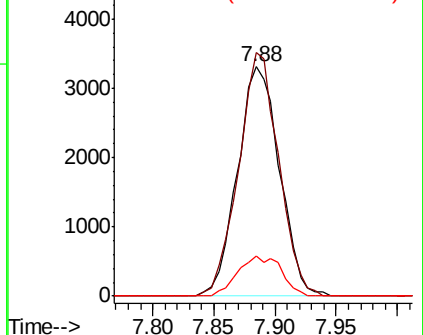


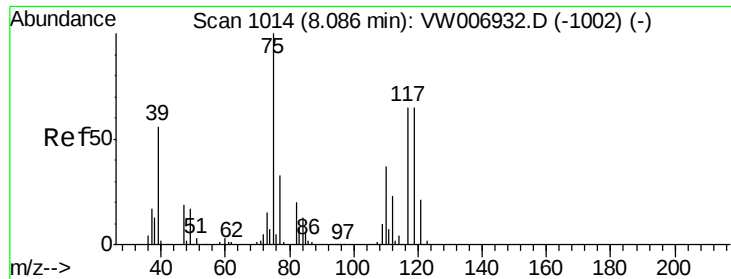
#35
 Dibromofluoromethane
 Concen: 40.847 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW006968.D
 Acq: 20 Nov 2018 02:30

Tgt Ion:113 Resp: 7908
 Ion Ratio Lower Upper
 113 100
 111 101.3 81.7 122.5
 192 17.9 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

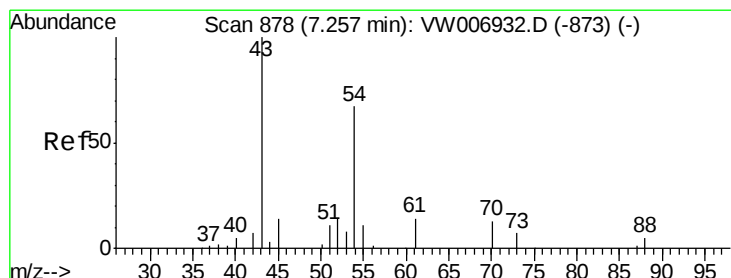
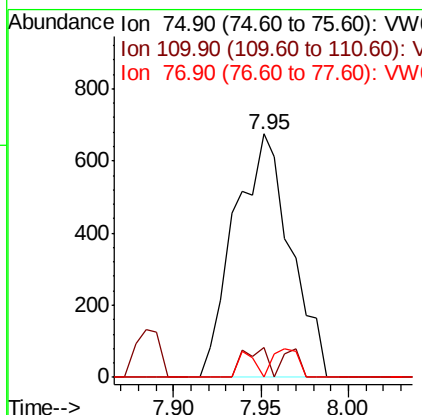
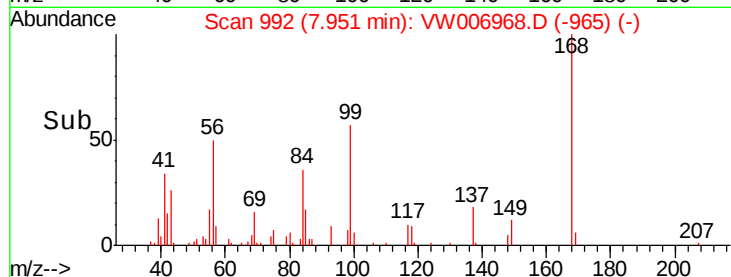
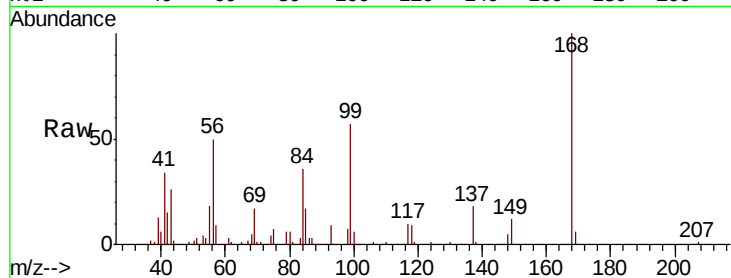




#36
 1,1-Dichloropropene
 Concen: 4.778 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW006968.D
 Acq: 20 Nov 2018 02:30

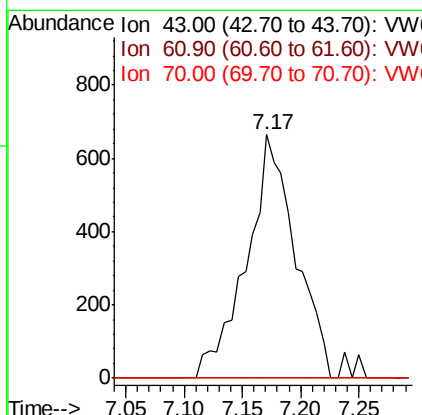
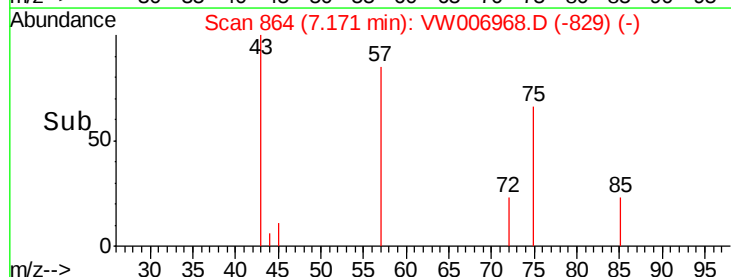
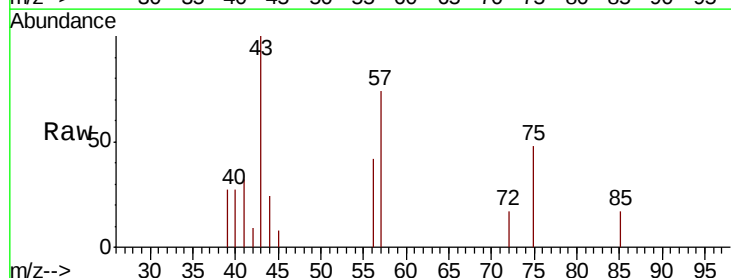
Instrument :
 MSVOA_W
 ClientSampleId :
 20180927-WCC-3-COMPOSITE

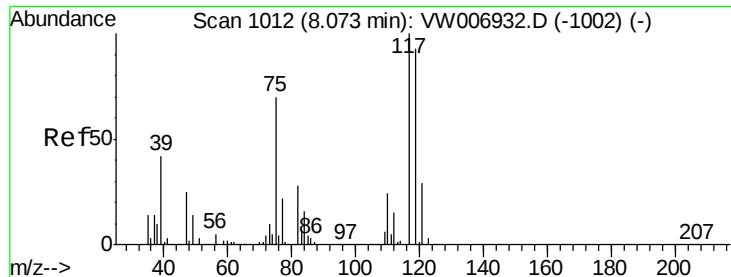
Tot Ion	Ratio	Lower	Upper
75	100		
110	5.3	18.1	54.1#
77	0.0	25.4	38.0#



#37
 Ethyl Acetate
 Concen: 14.471 ug/l
 RT: 7.17 min Scan# 864
 Delta R.T. -0.09 min
 Lab File: VW006968.D
 Acq: 20 Nov 2018 02:30

Tgt Ion	Ratio	Lower	Upper
43	100		
61	0.0	11.0	16.6#
70	0.0	8.8	13.2#

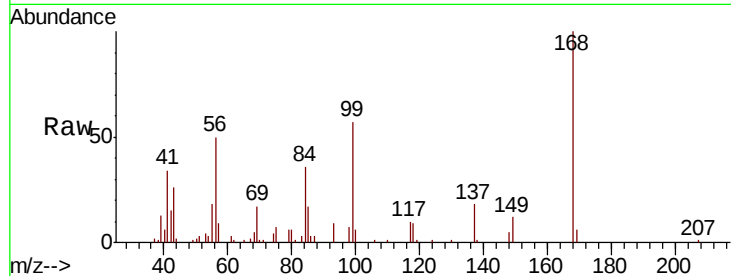




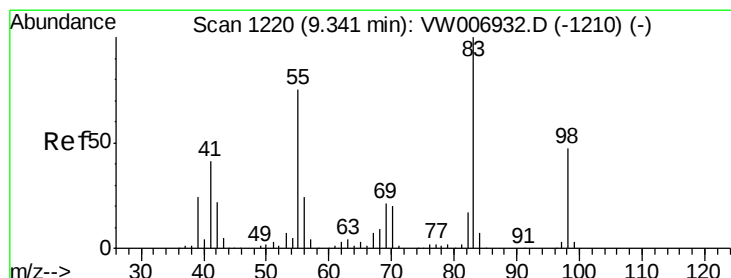
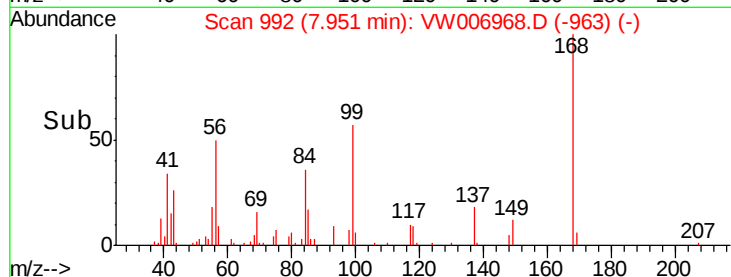
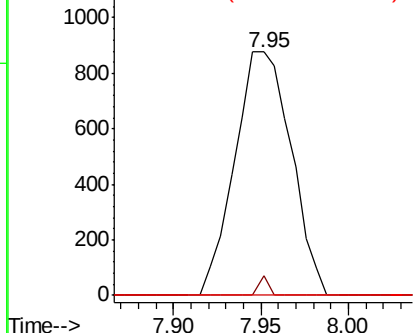
#38
Carbon Tetrachloride
Concen: 6.348 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.12 min
Lab File: VW006968.D
Acq: 20 Nov 2018 02:30

Instrument :
MSVOA_W
ClientSampleId :
20180927-WCC-3-COMPOSITE

Tot Ion:117 Resp: 1965
Ion Ratio Lower Upper
117 100
119 7.9 74.2 111.4#
121 0.0 23.5 35.3#

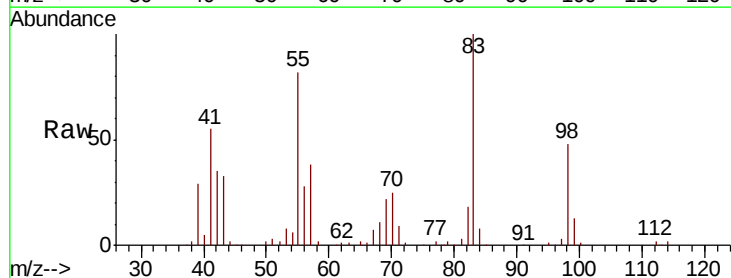


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

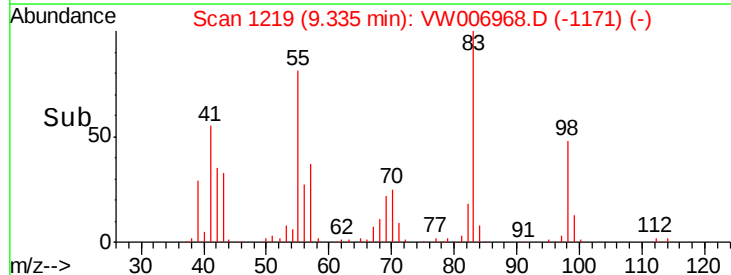
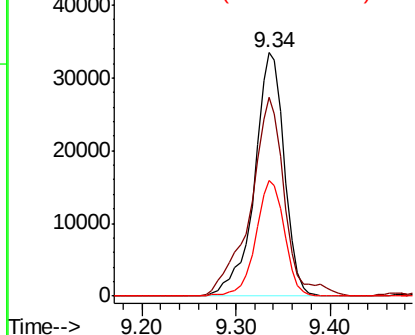


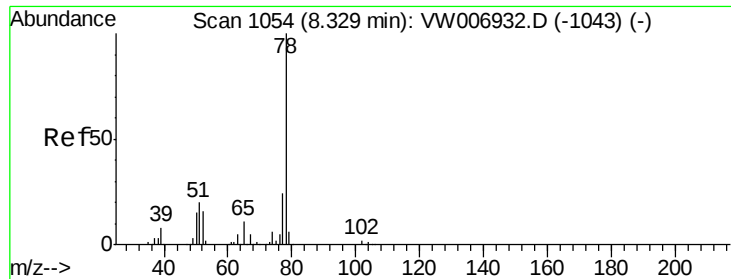
#39
Methylcyclohexane
Concen: 190.716 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.01 min
Lab File: VW006968.D
Acq: 20 Nov 2018 02:30

Tgt Ion: 83 Resp: 74554
Ion Ratio Lower Upper
83 100
55 81.8 60.2 90.4
98 47.7 37.3 55.9



Abundance Ion 83.00 (82.70 to 83.70): VW
Ion 55.00 (54.70 to 55.70): VW
Ion 98.00 (97.70 to 98.70): VW

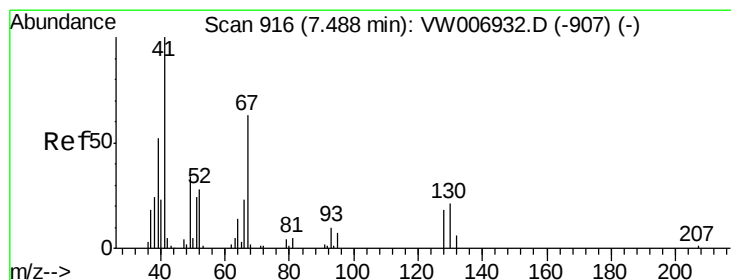
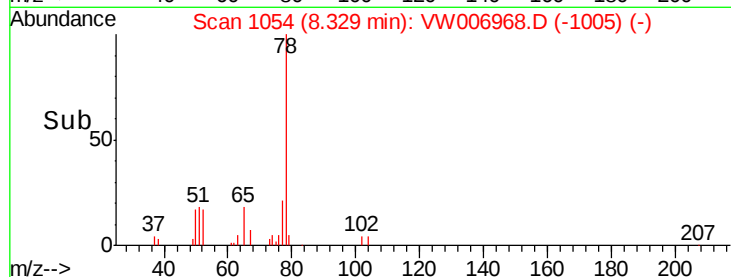
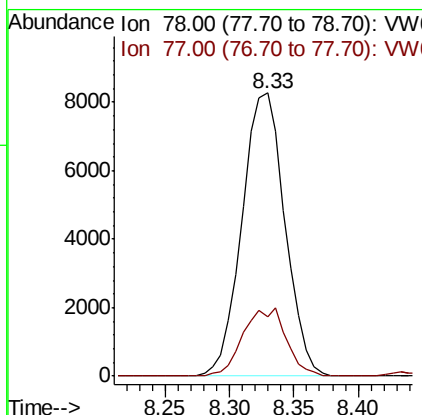
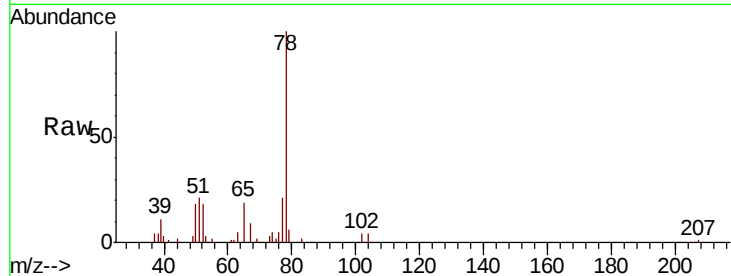




#40
Benzene
Concen: 21.428 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. -0.00 min
Lab File: VW006968.D
Acq: 20 Nov 2018 02:30

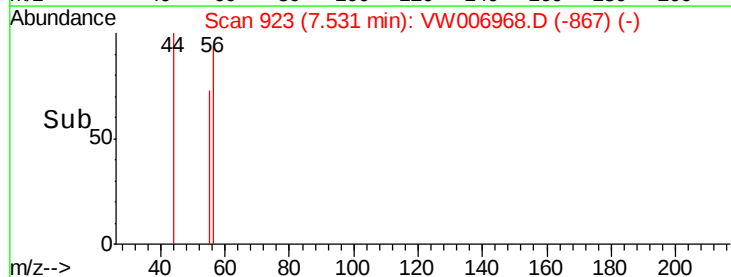
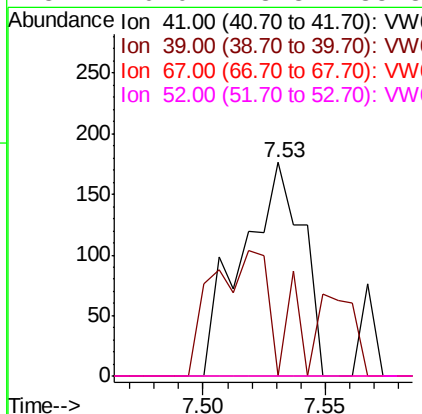
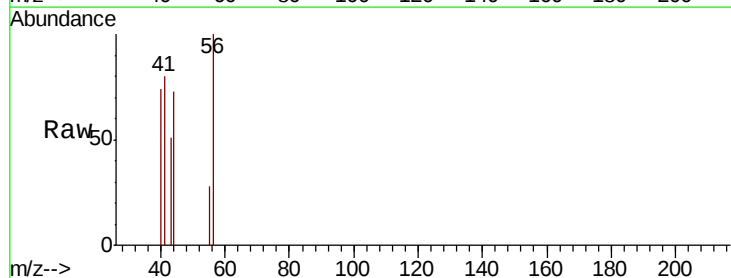
Instrument :
MSVOA_W
ClientSampleId :
20180927-WCC-3-COMPOSITE

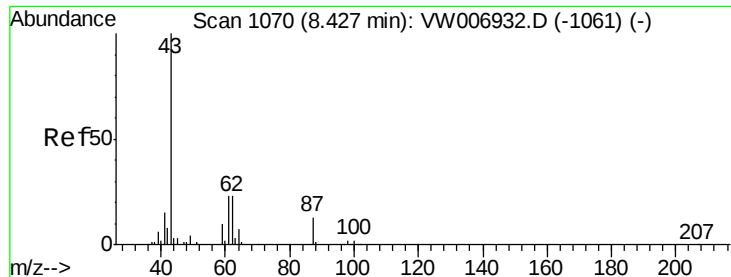
Tot Ion: 78 Resp: 19076
Ion Ratio Lower Upper
78 100
77 20.9 19.3 28.9



#41
Methacrylonitrile
Concen: 3.718 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.04 min
Lab File: VW006968.D
Acq: 20 Nov 2018 02:30

Tgt Ion: 41 Resp: 305
Ion Ratio Lower Upper
41 100
39 52.5 41.8 62.6
67 0.0 54.7 82.1#
52 0.0 23.8 35.8#





#43

Isopropyl Acetate

Concen: 31.003 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.01 min

Lab File: VW006968.D

Acq: 20 Nov 2018 02:30

Instrument :

MSVOA_W

ClientSampleId :

20180927-WCC-3-COMPOSITE

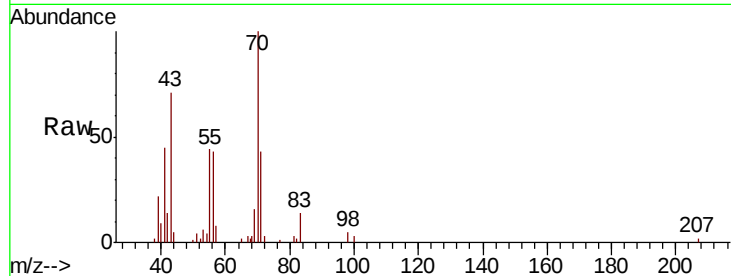
Tot Ion: 43 Resp: 7967

Ion Ratio Lower Upper

43 100

61 0.0 24.6 37.0#

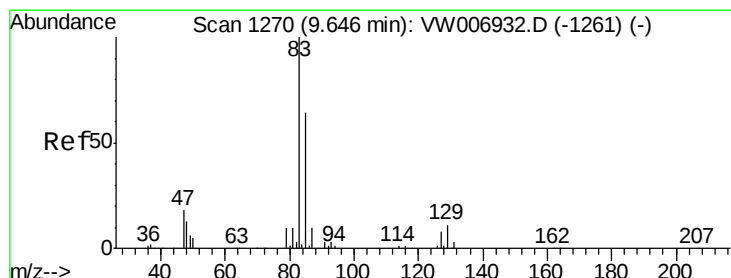
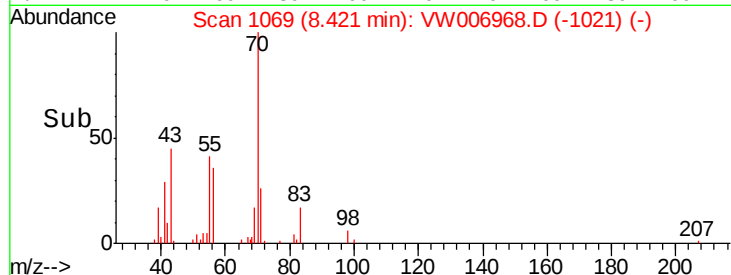
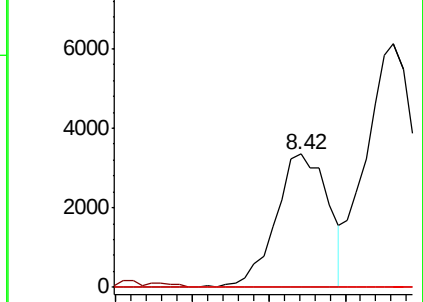
87 0.0 11.0 16.6#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 87.00 (86.70 to 87.70): VW



#47

Bromodichloromethane

Concen: 10.795 ug/l

RT: 9.62 min Scan# 1265

Delta R.T. -0.03 min

Lab File: VW006968.D

Acq: 20 Nov 2018 02:30

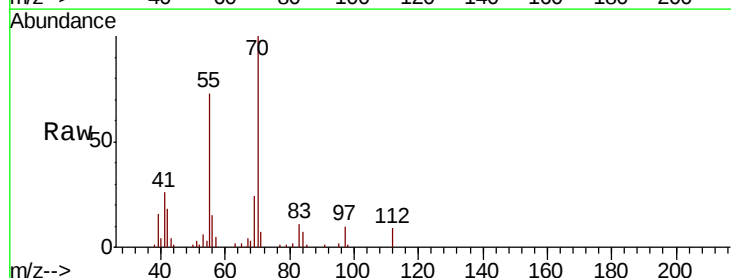
Tgt Ion: 83 Resp: 3237

Ion Ratio Lower Upper

83 100

85 7.4 50.8 76.2#

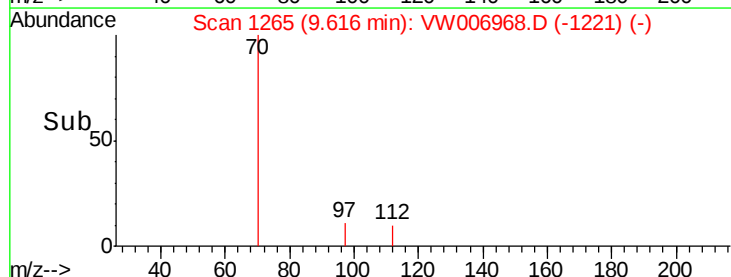
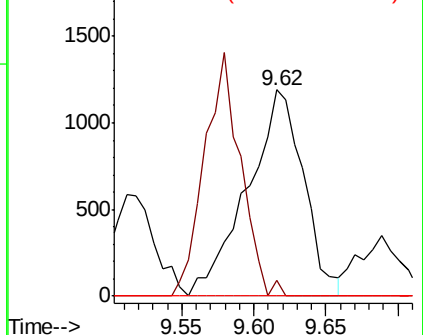
127 0.0 6.6 10.0#

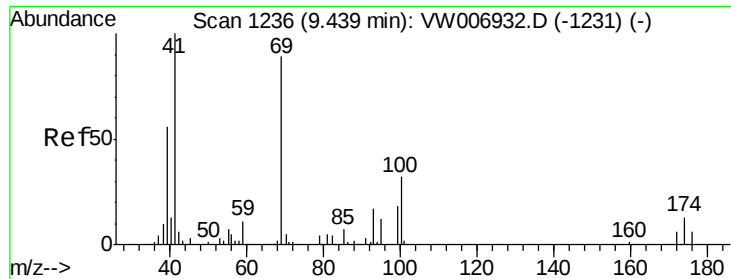


Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 126.80 (126.50 to 127.50): VW

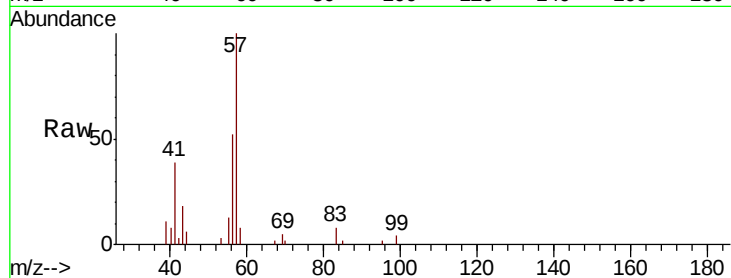




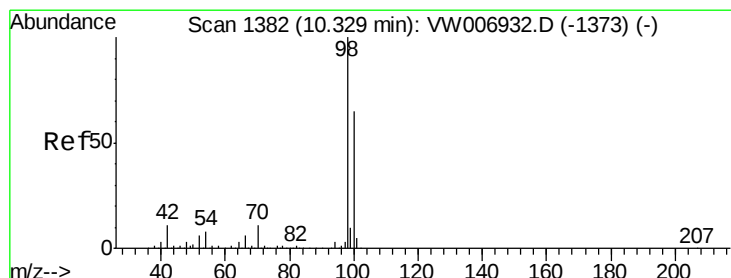
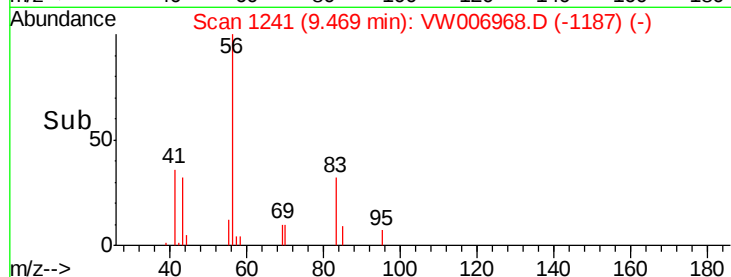
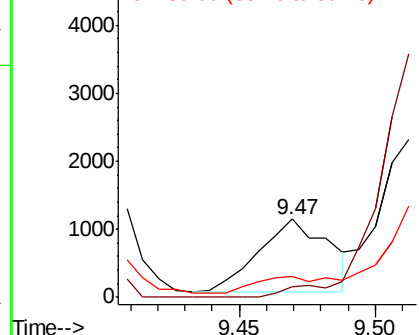
#48
Methyl methacrylate
Concen: 15.322 ug/l
RT: 9.47 min Scan# 1241
Delta R.T. 0.03 min
Lab File: VW006968.D
Acq: 20 Nov 2018 02:30

Instrument :
MSVOA_W
ClientSampleId :
20180927-WCC-3-COMPOSITE

Tot Ion: 41 Resp: 1900
Ion Ratio Lower Upper
41 100
69 0.0 73.4 110.0#
39 0.0 46.1 69.1#

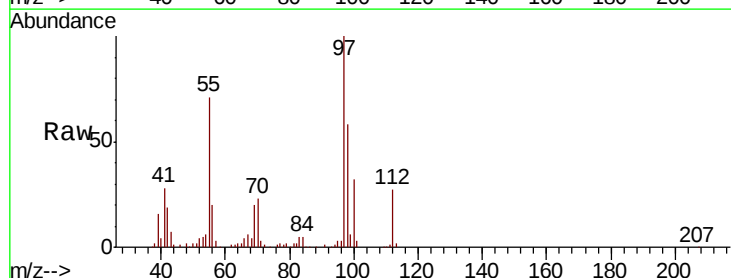


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 39.00 (38.70 to 39.70): VW

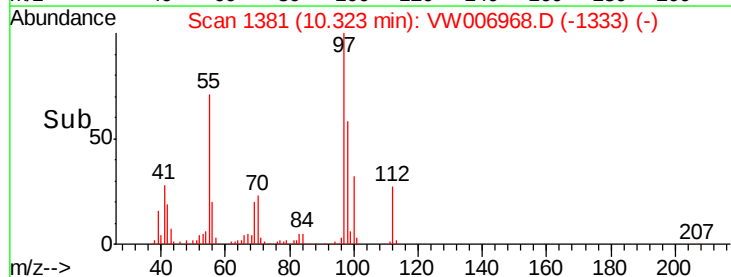
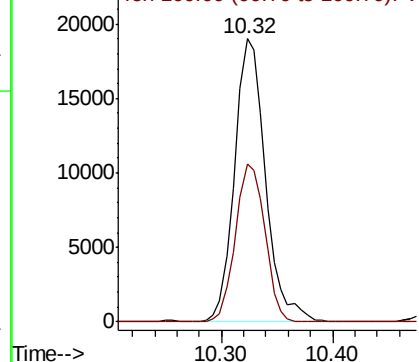


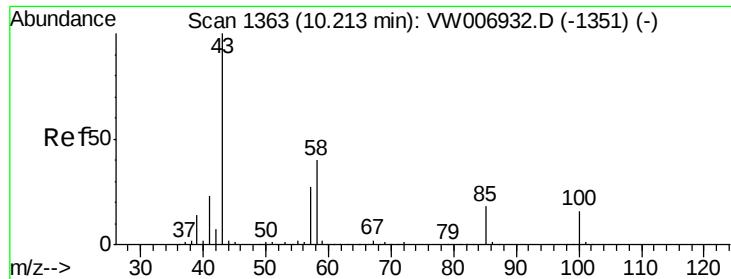
#50
Toluene-d8
Concen: 43.962 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.01 min
Lab File: VW006968.D
Acq: 20 Nov 2018 02:30

Tgt Ion: 98 Resp: 36575
Ion Ratio Lower Upper
98 100
100 53.0 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: 32.814 ug/l

RT: 10.26 min Scan# 1370

Delta R.T. 0.04 min

Lab File: VW006968.D

Acq: 20 Nov 2018 02:30

Instrument :

MSVOA_W

ClientSampleId :

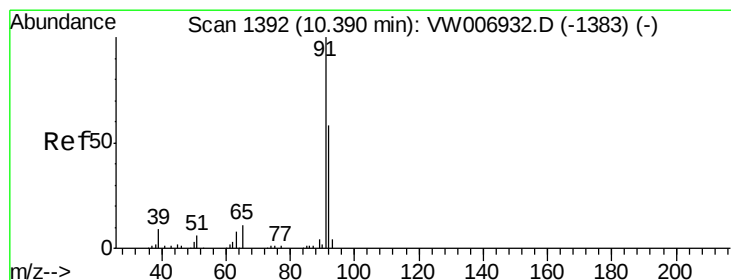
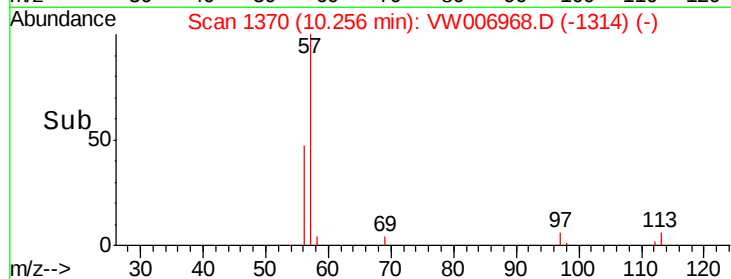
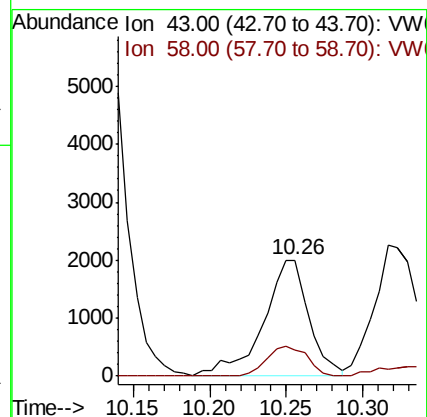
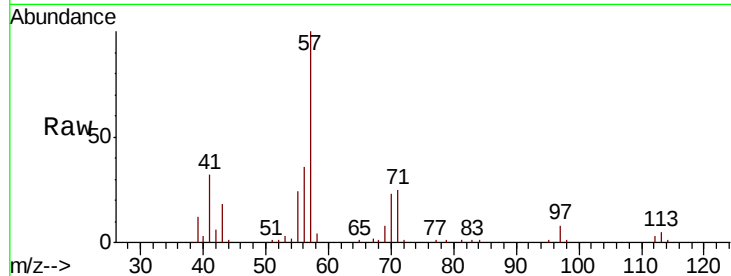
20180927-WCC-3-COMPOSITE

Tot Ion: 43 Resp: 4156

Ion Ratio Lower Upper

43 100

58 22.8 31.0 46.4#



#52

Toluene

Concen: 1.795 ug/l

RT: 10.40 min Scan# 1393

Delta R.T. 0.01 min

Lab File: VW006968.D

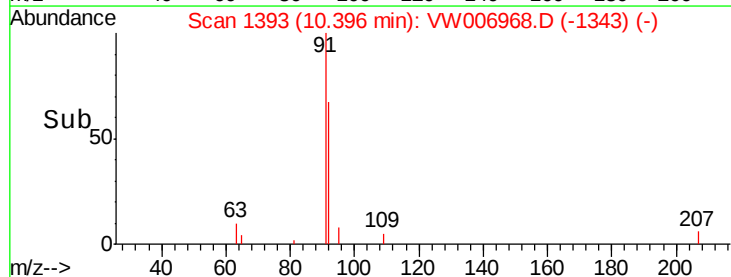
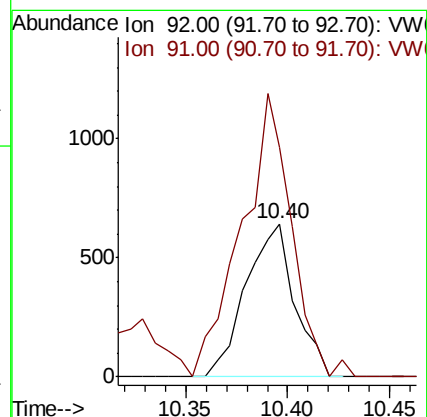
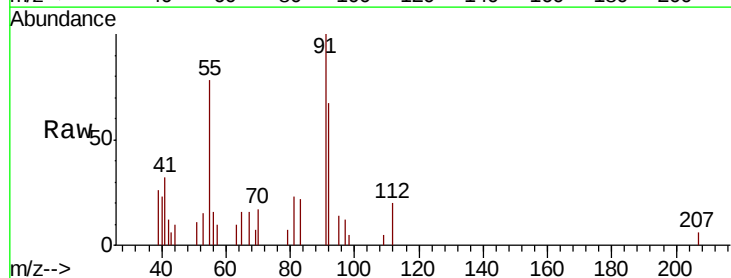
Acq: 20 Nov 2018 02:30

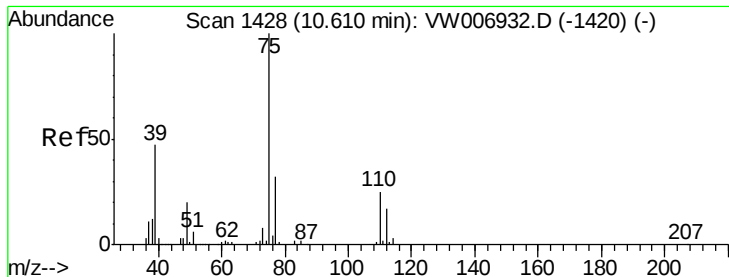
Tgt Ion: 92 Resp: 1069

Ion Ratio Lower Upper

92 100

91 188.7 137.3 205.9

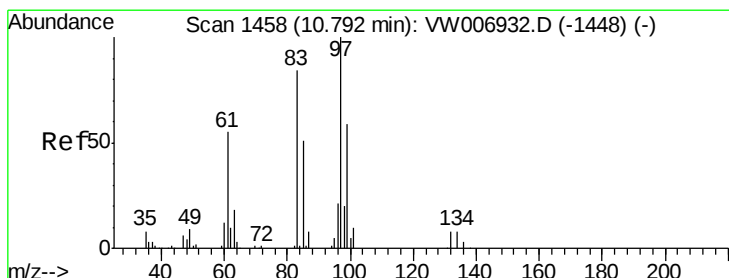
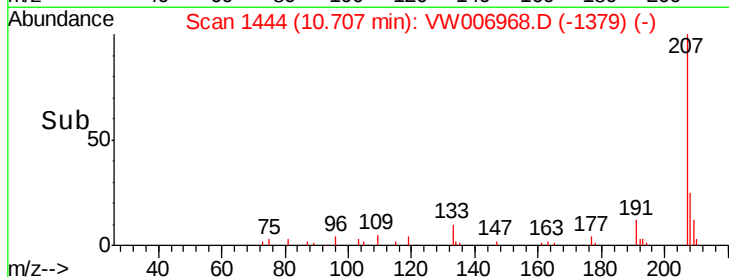
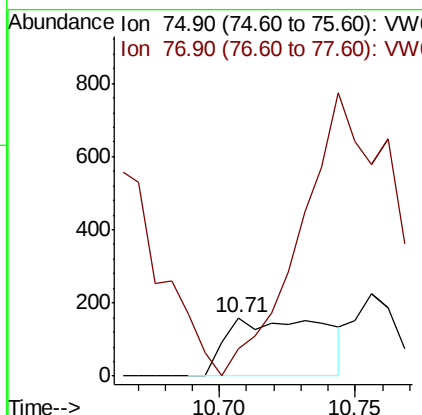
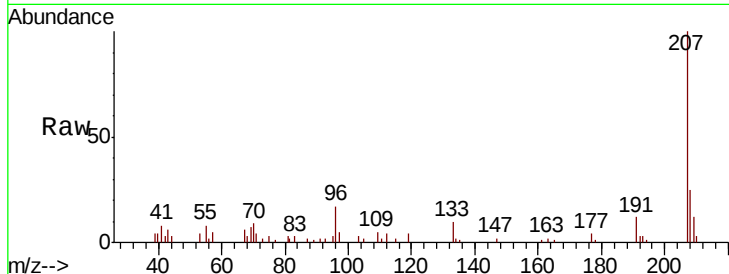




#53
 t-1,3-Dichloropropene
 Concen: 1.372 ug/l
 RT: 10.71 min Scan# 1444
 Delta R.T. 0.10 min
 Lab File: VW006968.D
 Acq: 20 Nov 2018 02:30

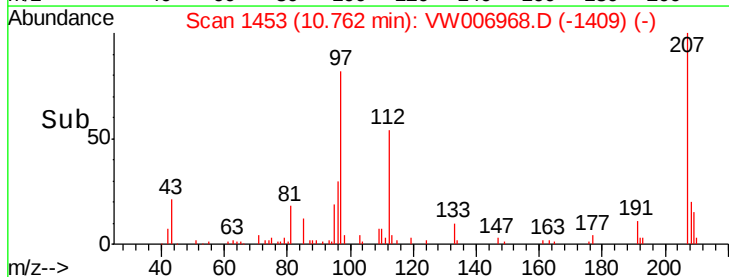
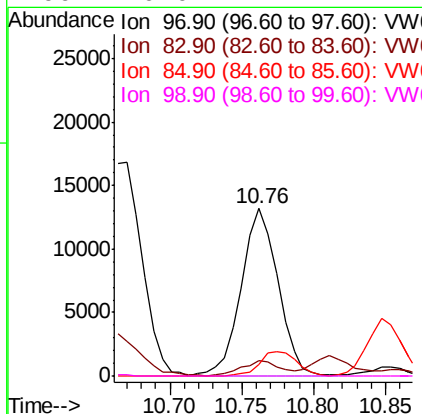
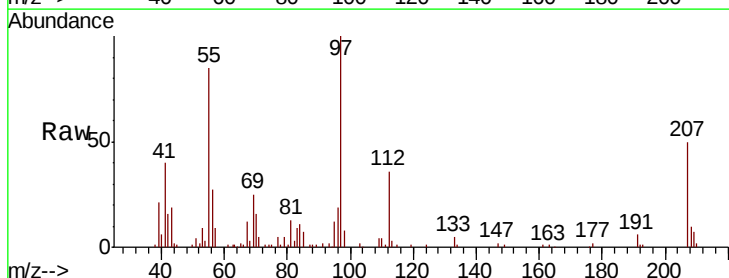
Instrument :
 MSVOA_W
 ClientSampleId :
 20180927-WCC-3-COMPOSITE

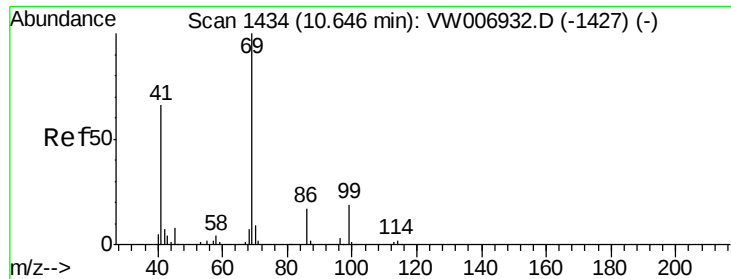
Tot Ion: 75 Resp: 402
 Ion Ratio Lower Upper
 75 100
 77 0.0 25.2 37.8#



#55
 1,1,2-Trichloroethane
 Concen: 140.131 ug/l
 RT: 10.76 min Scan# 1453
 Delta R.T. -0.03 min
 Lab File: VW006968.D
 Acq: 20 Nov 2018 02:30

Tgt Ion: 97 Resp: 23530
 Ion Ratio Lower Upper
 97 100
 83 8.8 67.5 101.3#
 85 6.7 41.0 61.6#
 99 0.0 47.4 71.2#





#56

Ethyl methacrylate

Concen: 42.005 ug/l

RT: 10.66 min Scan# 1437

Delta R.T. 0.02 min

Lab File: VW006968.D

Acq: 20 Nov 2018 02:30

Instrument :

MSVOA_W

ClientSampleId :

20180927-WCC-3-COMPOSITE

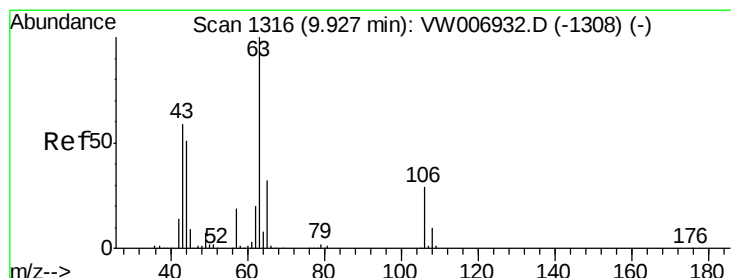
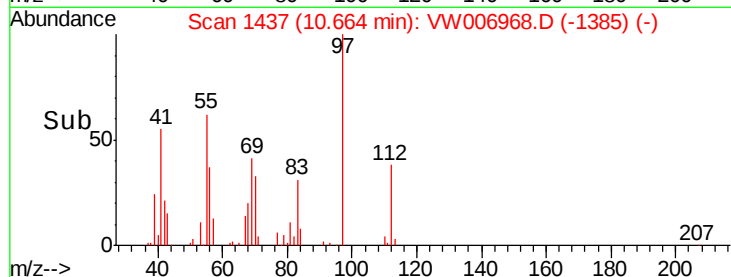
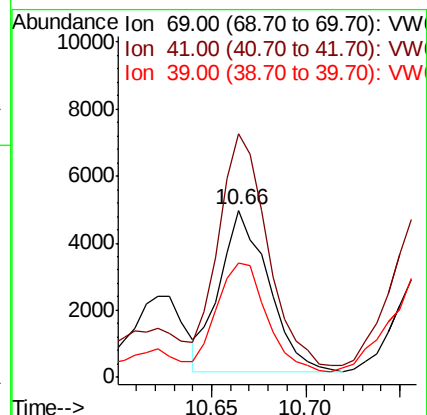
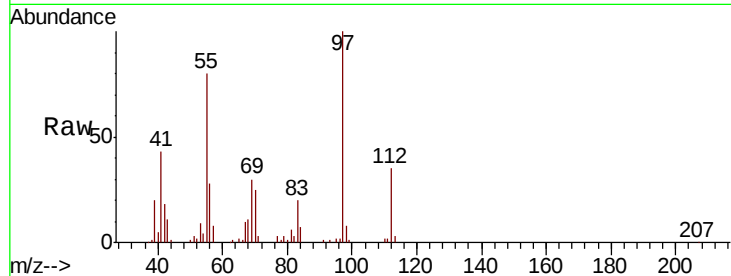
Tot Ion: 69 Resp: 8769

Ion Ratio Lower Upper

69 100

41 145.6 53.8 80.6#

39 67.8 29.0 43.6#



#58

2-Chloroethyl Vinyl ether

Concen: 3.332 ug/l

RT: 9.90 min Scan# 1311

Delta R.T. -0.03 min

Lab File: VW006968.D

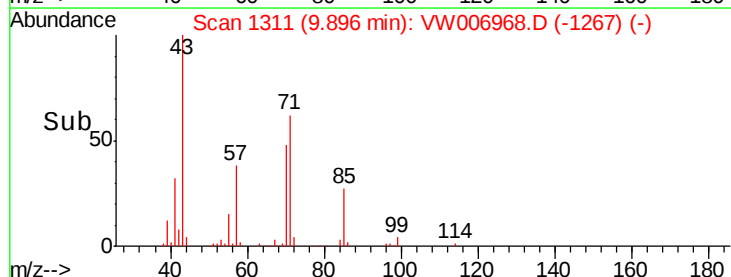
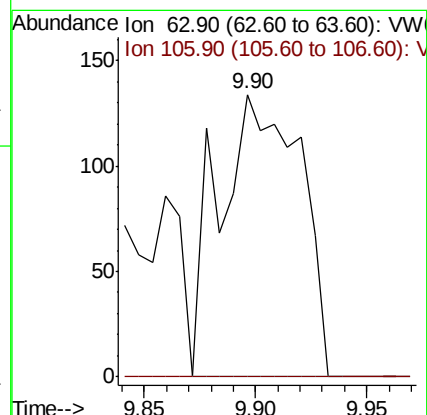
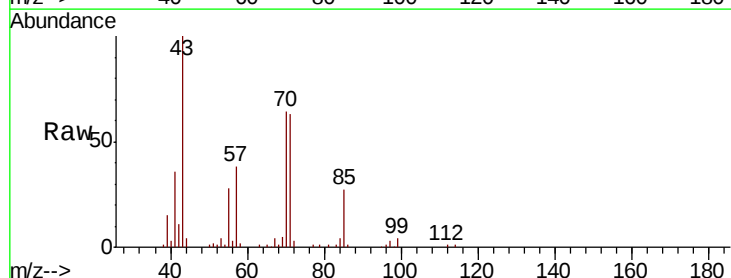
Acq: 20 Nov 2018 02:30

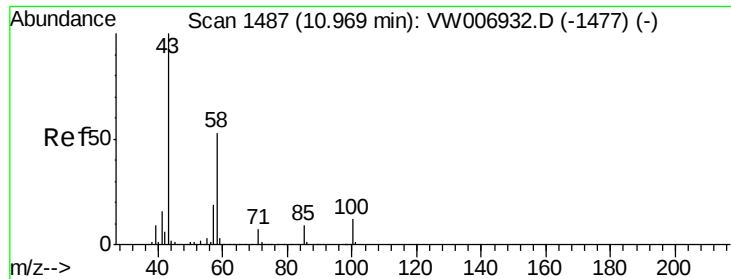
Tgt Ion: 63 Resp: 342

Ion Ratio Lower Upper

63 100

106 0.0 22.6 33.8#

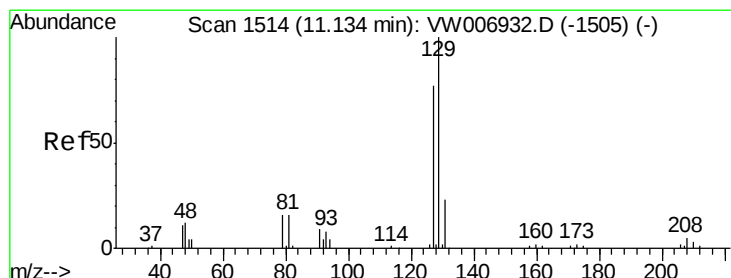
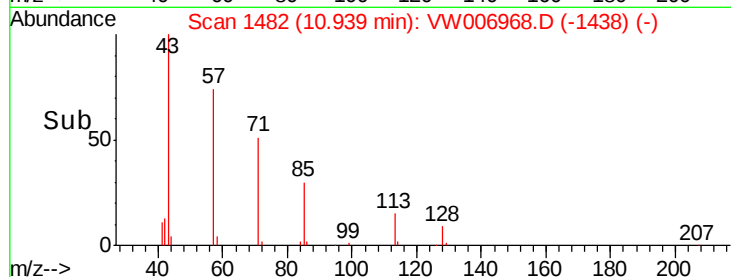
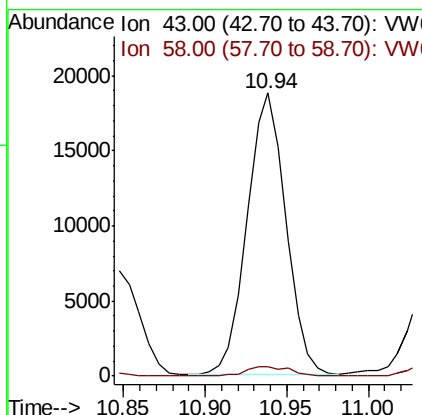
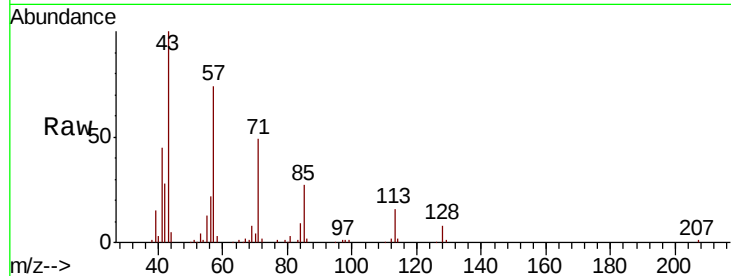




#59
2-Hexanone
Concen: 365.941 ug/l
RT: 10.94 min Scan# 1482
Delta R.T. -0.03 min
Lab File: VW006968.D
Acq: 20 Nov 2018 02:30

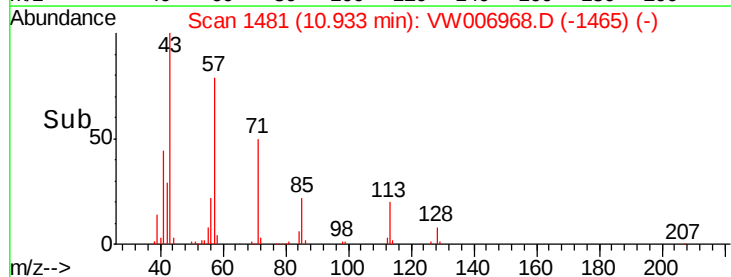
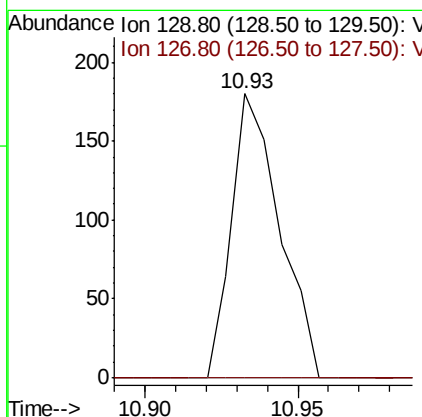
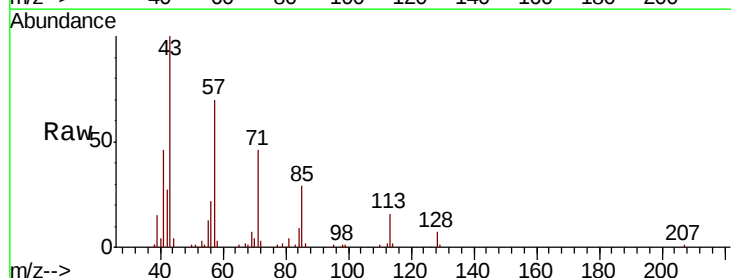
Instrument :
MSVOA_W
ClientSampleId :
20180927-WCC-3-COMPOSITE

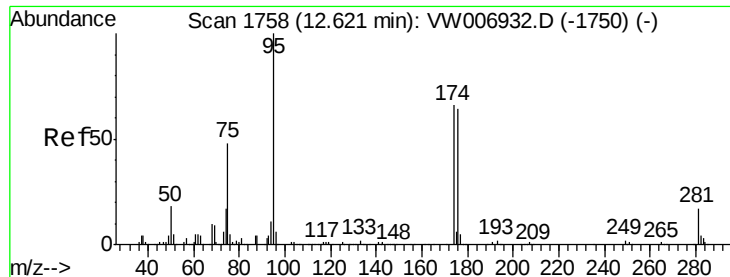
Tot Ion: 43 Resp: 31019
Ion Ratio Lower Upper
43 100
58 3.8 26.8 80.4#



#60
Dibromochloromethane
Concen: 1.018 ug/l
RT: 10.93 min Scan# 1481
Delta R.T. -0.20 min
Lab File: VW006968.D
Acq: 20 Nov 2018 02:30

Tgt Ion:129 Resp: 195
Ion Ratio Lower Upper
129 100
127 0.0 38.1 114.3#

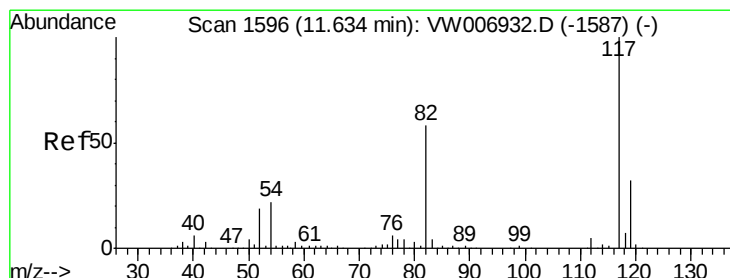
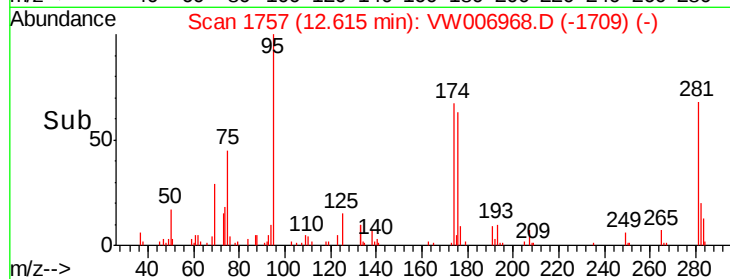
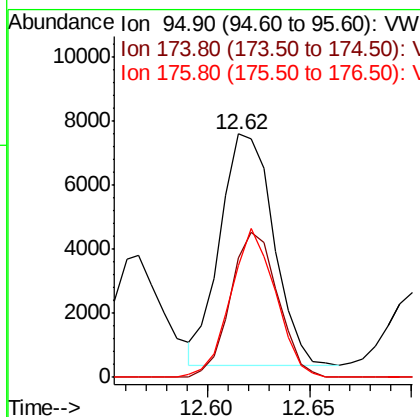
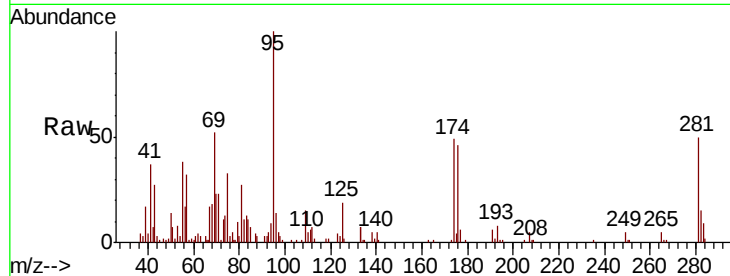




#62
4-Bromofluorobenzene
Concen: 40.572 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.01 min
Lab File: VW006968.D
Acq: 20 Nov 2018 02:30

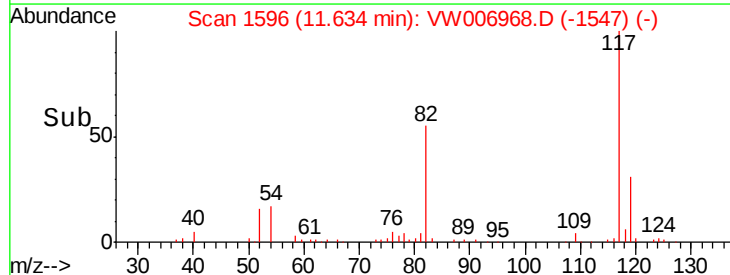
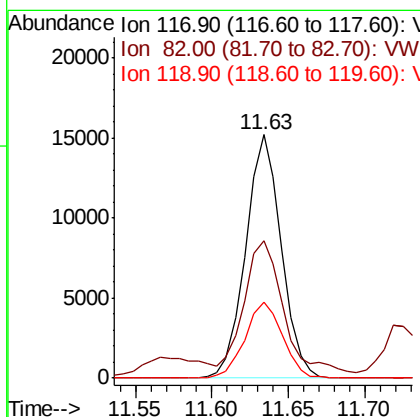
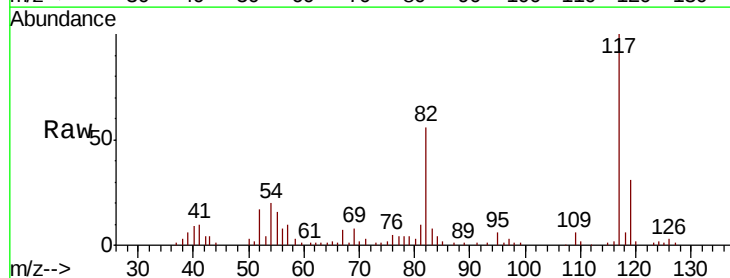
Instrument :
MSVOA_W
ClientSampleId :
20180927-WCC-3-COMPOSITE

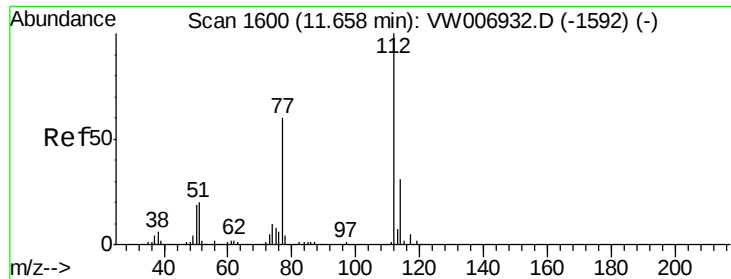
Tot Ion: 95 Resp: 13162
Ion Ratio Lower Upper
95 100
174 55.5 0.0 138.4
176 53.9 0.0 133.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW006968.D
Acq: 20 Nov 2018 02:30

Tgt Ion: 117 Resp: 24551
Ion Ratio Lower Upper
117 100
82 52.5 46.2 69.2
119 31.2 25.5 38.3

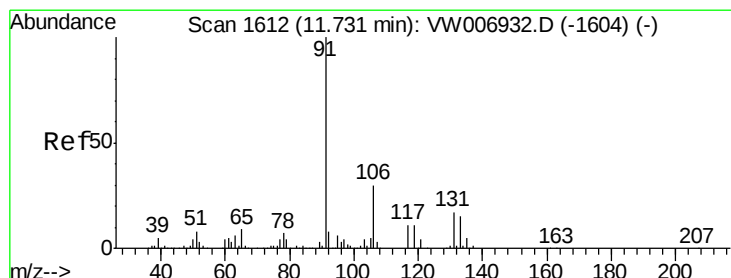
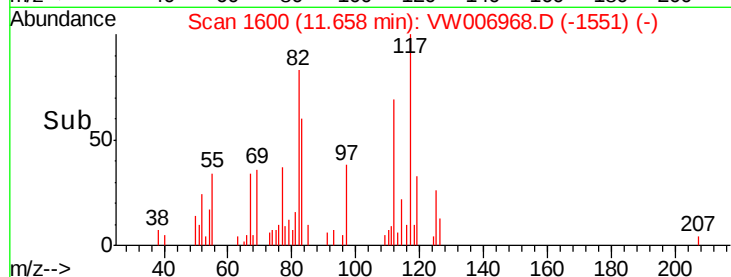
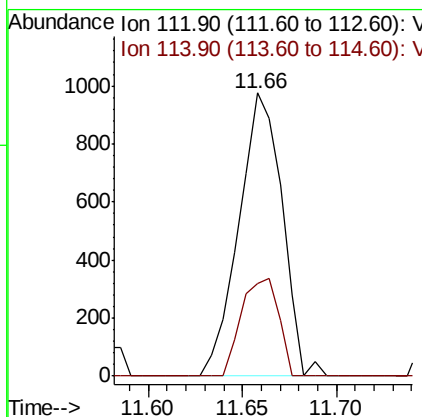
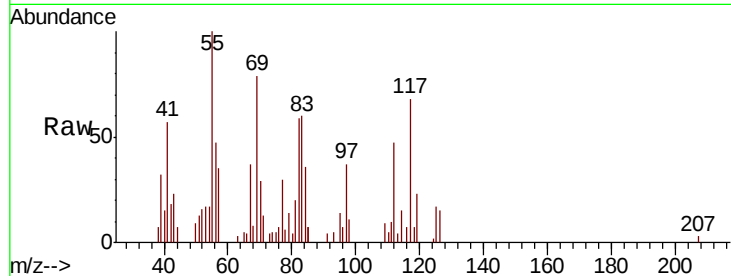




#65
Chlorobenzene
Concen: 2.996 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW006968.D
Acq: 20 Nov 2018 02:30

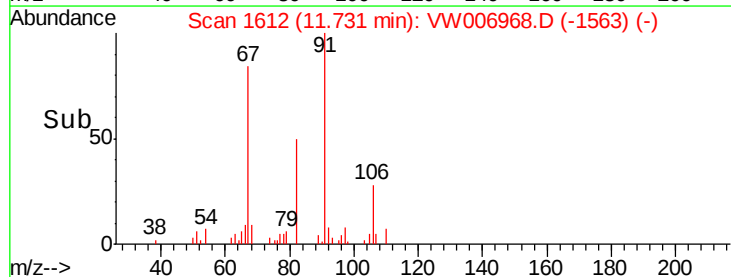
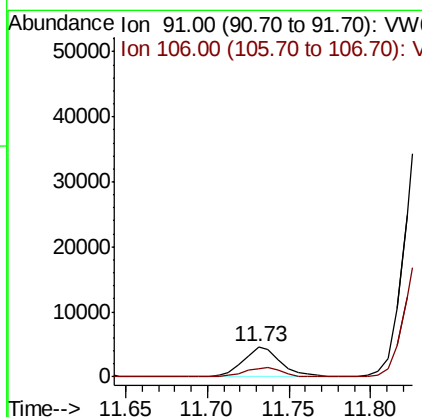
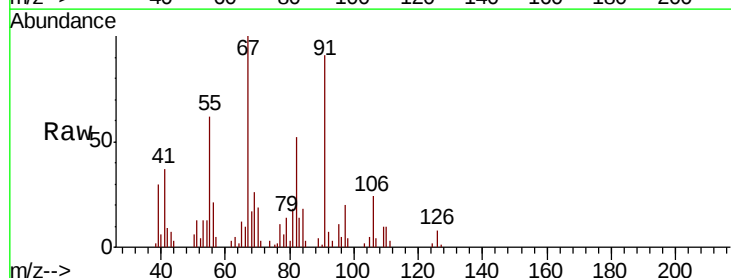
Instrument :
MSVOA_W
ClientSampleId :
20180927-WCC-3-COMPOSITE

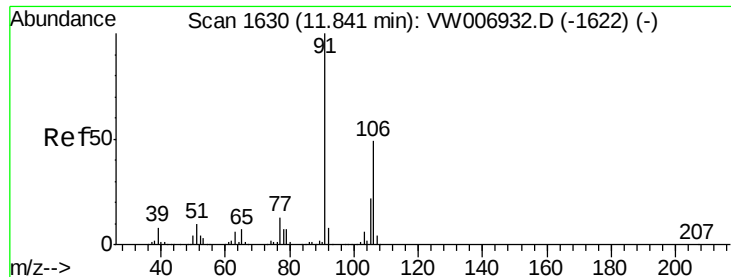
Tot Ion:112 Resp: 1553
Ion Ratio Lower Upper
112 100
114 32.6 24.6 37.0



#67
Ethyl Benzene
Concen: 7.498 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW006968.D
Acq: 20 Nov 2018 02:30

Tgt Ion: 91 Resp: 7008
Ion Ratio Lower Upper
91 100
106 27.2 24.0 36.0





#68

m/p-Xylenes

Concen: 159.576 ug/l

RT: 11.84 min Scan# 1630

Delta R.T. -0.00 min

Lab File: VW006968.D

Acq: 20 Nov 2018 02:30

Instrument :

MSVOA_W

ClientSampleId :

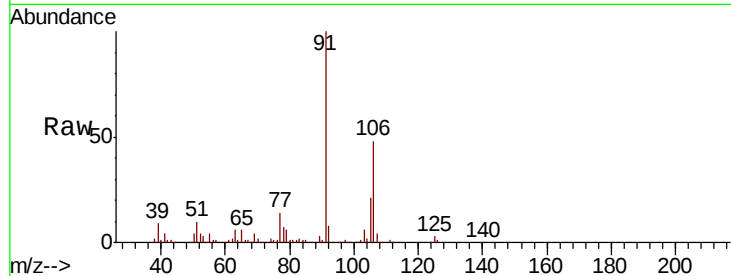
20180927-WCC-3-COMPOSITE

Tot Ion:106 Resp: 58079

Ion Ratio Lower Upper

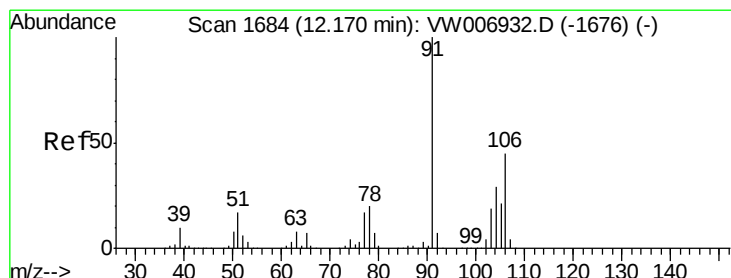
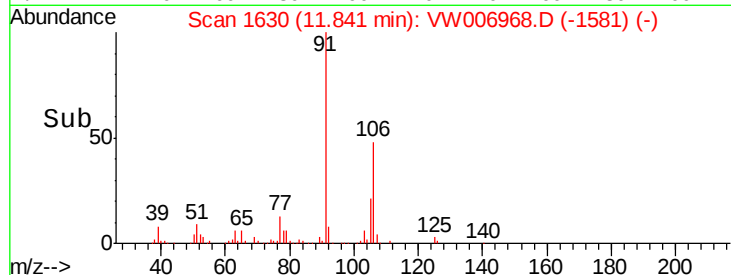
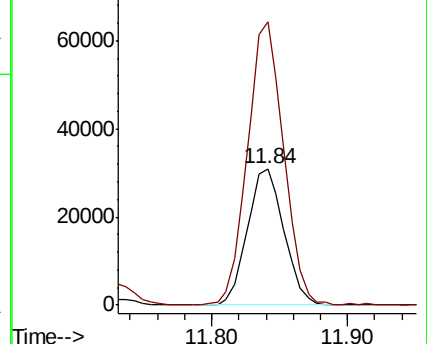
106 100

91 204.6 165.0 247.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW



#69

o-Xylene

Concen: 108.124 ug/l

RT: 12.17 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VW006968.D

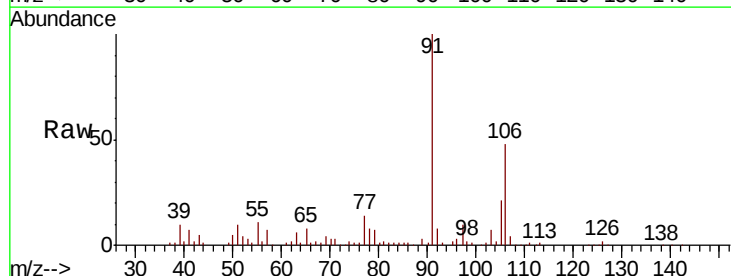
Acq: 20 Nov 2018 02:30

Tgt Ion:106 Resp: 37350

Ion Ratio Lower Upper

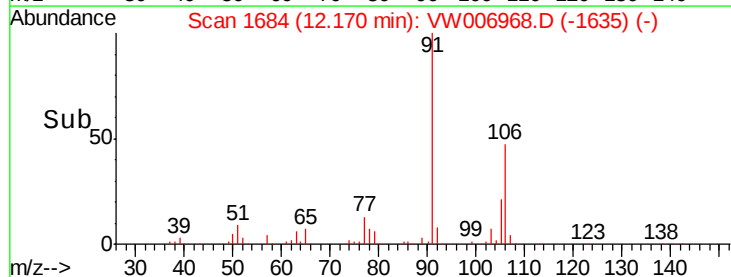
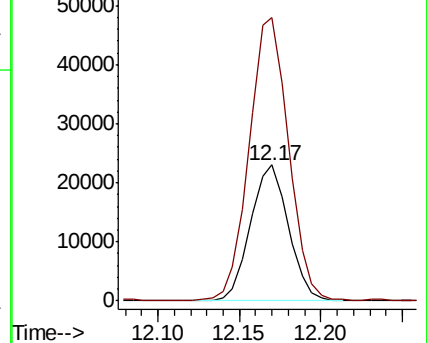
106 100

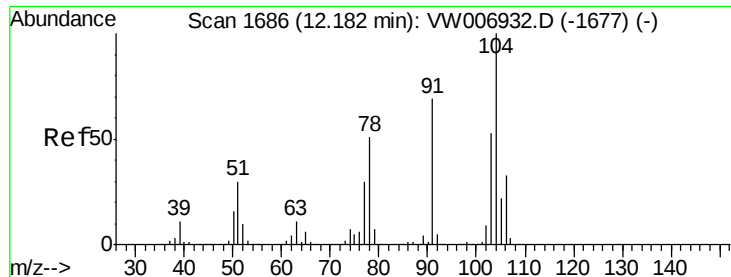
91 214.8 109.2 327.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW

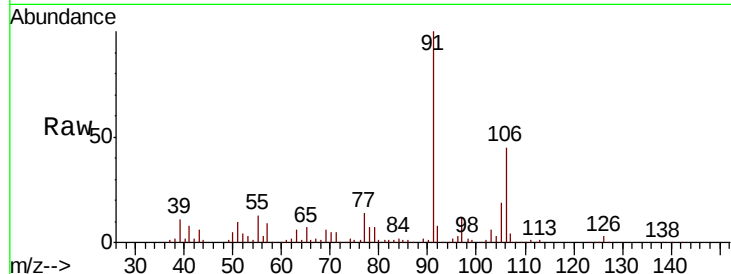




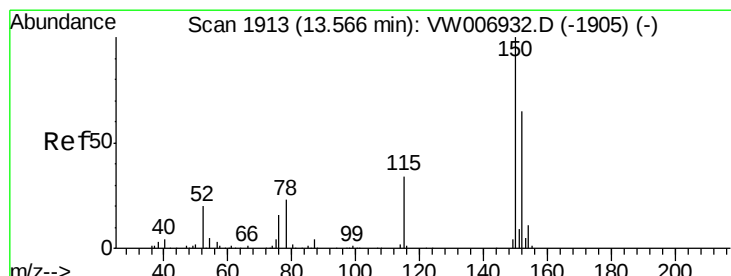
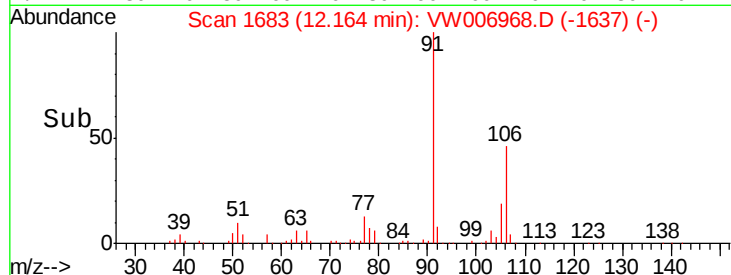
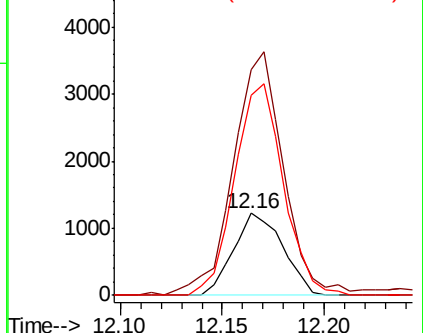
#70
Stvrene
Concen: 3.703 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.02 min
Lab File: VW006968.D
Acq: 20 Nov 2018 02:30

Instrument :
MSVOA_W
ClientSampleId :
20180927-WCC-3-COMPOSITE

Tot Ion:104 Resp: 2057
Ion Ratio Lower Upper
104 100
78 303.9 42.5 63.7#
103 253.7 44.3 66.5#

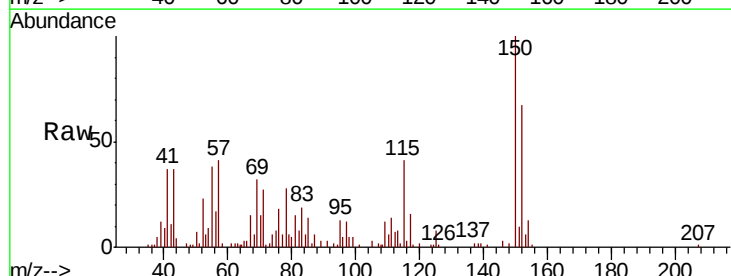


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): V
Ion 103.00 (102.70 to 103.70): V

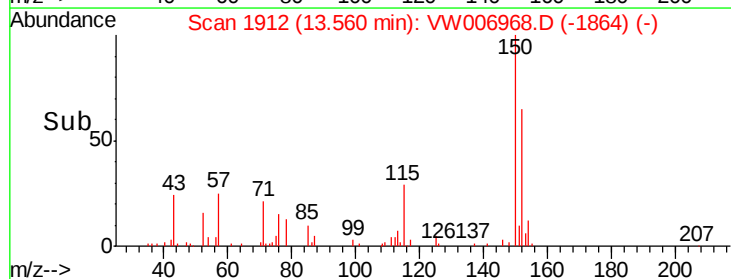
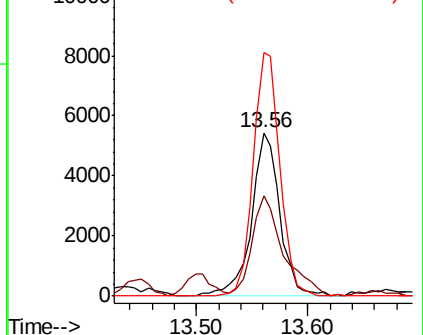


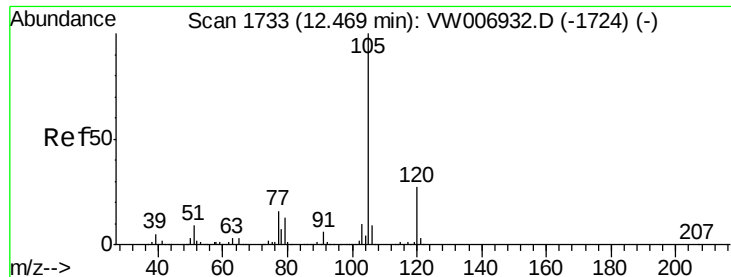
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.01 min
Lab File: VW006968.D
Acq: 20 Nov 2018 02:30

Tgt Ion:152 Resp: 9639
Ion Ratio Lower Upper
152 100
115 68.0 31.6 94.7
150 139.7 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: 11.468 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW006968.D

Acq: 20 Nov 2018 02:30

Instrument :

MSVOA_W

ClientSampleId :

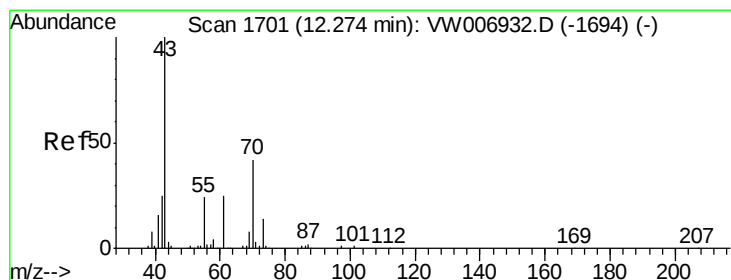
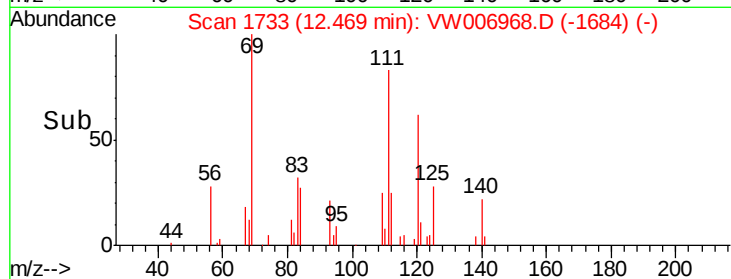
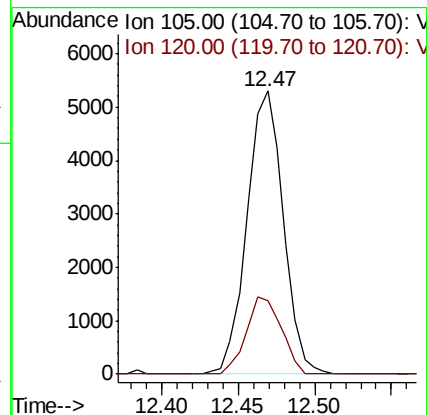
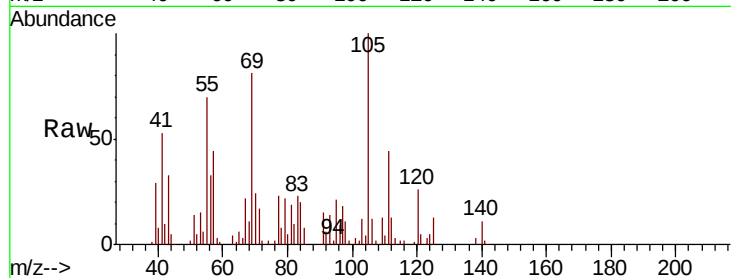
20180927-WCC-3-COMPOSITE

Tot Ion:105 Resp: 8754

Ion Ratio Lower Upper

105 100

120 26.4 13.2 39.6



#74

N-ethyl acetate

Concen: 123.953 ug/l

RT: 12.26 min Scan# 1698

Delta R.T. -0.02 min

Lab File: VW006968.D

Acq: 20 Nov 2018 02:30

Tgt Ion: 43 Resp: 18937

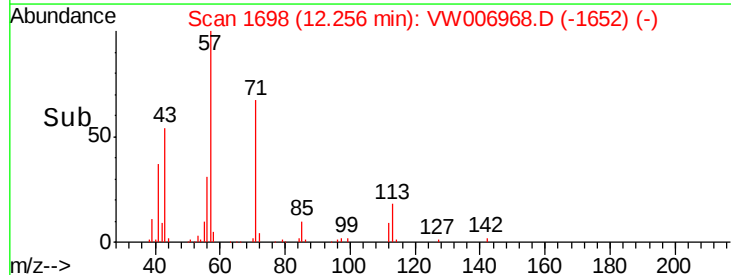
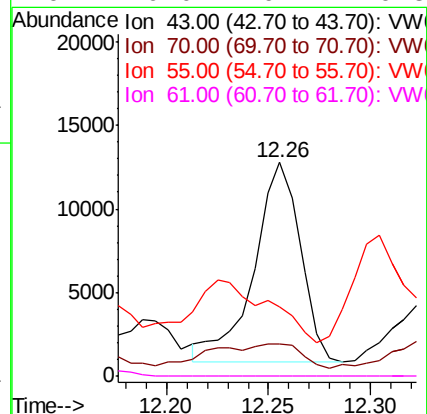
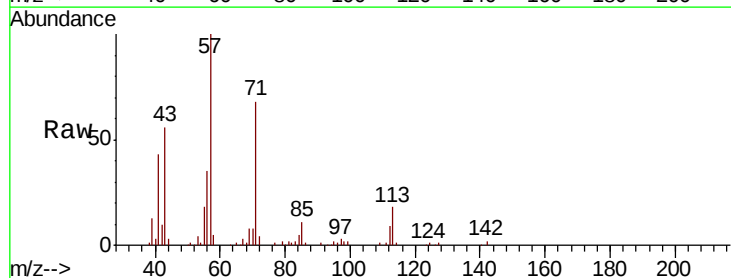
Ion Ratio Lower Upper

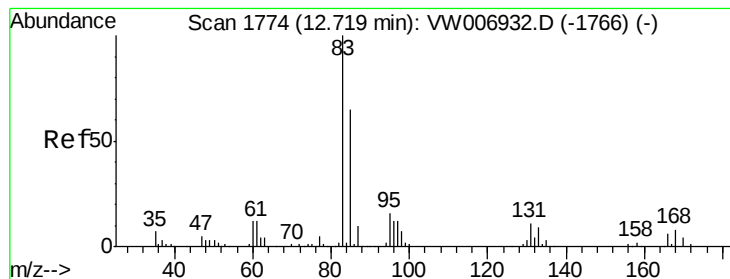
43 100

70 12.7 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: 15.710 ug/l

RT: 12.70 min Scan# 1771

Delta R.T. -0.02 min

Lab File: VW006968.D

Acq: 20 Nov 2018 02:30

Instrument :

MSVOA_W

ClientSampleId :

20180927-WCC-3-COMPOSITE

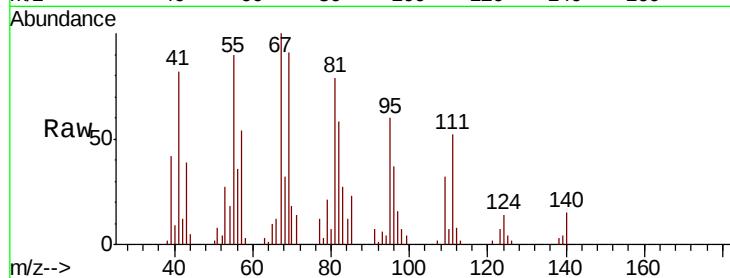
Tot Ion: 83 Resp: 1764

Ion Ratio Lower Upper

83 100

131 0.0 5.6 16.8#

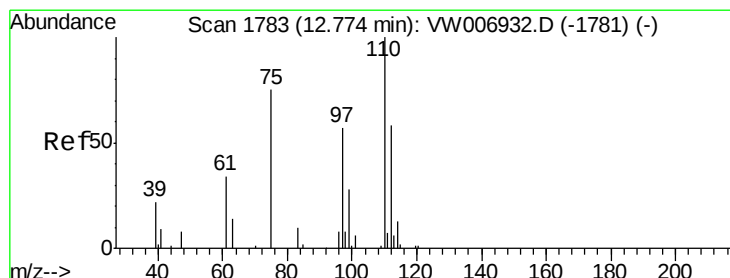
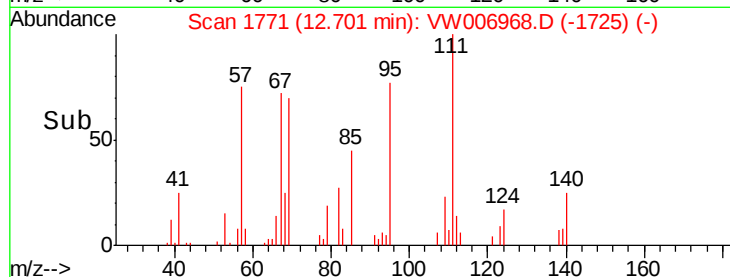
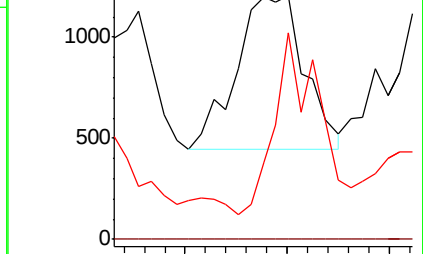
85 76.9 32.5 97.5



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 8.391 ug/l

RT: 12.87 min Scan# 1799

Delta R.T. 0.10 min

Lab File: VW006968.D

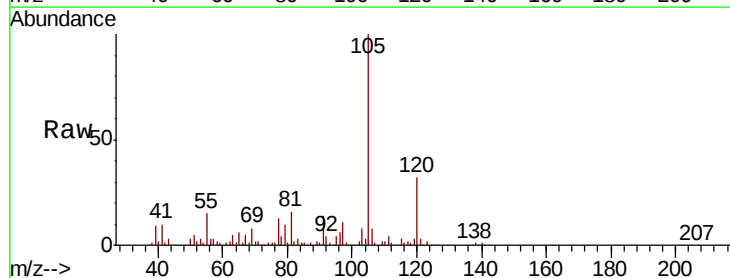
Acq: 20 Nov 2018 02:30

Tgt Ion: 75 Resp: 650

Ion Ratio Lower Upper

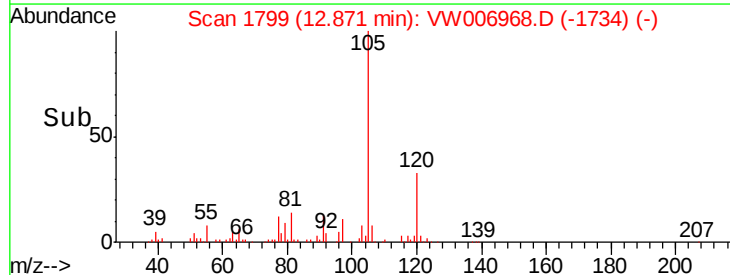
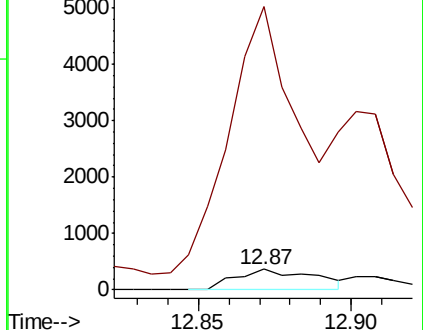
75 100

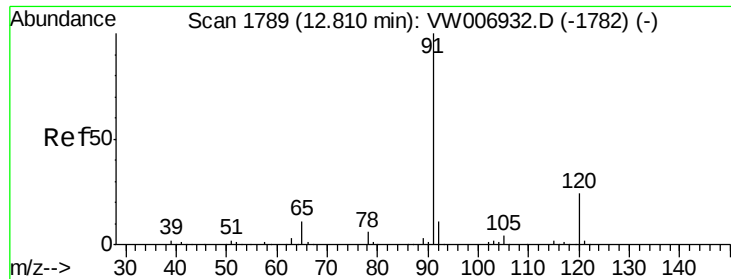
77 1143.5 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW

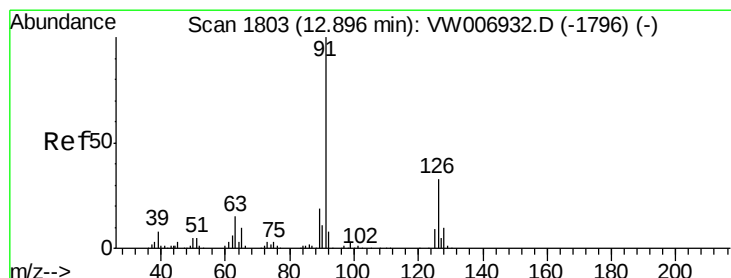
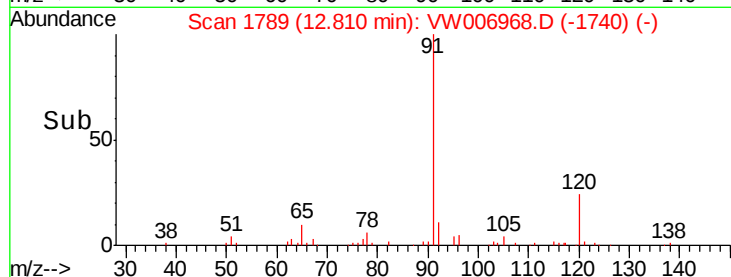
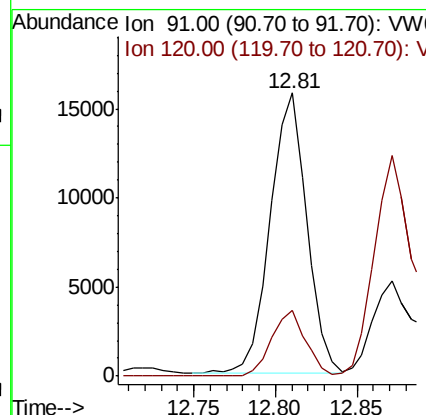
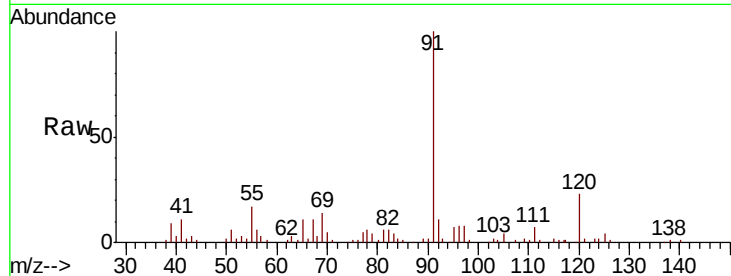




#78
 n-propylbenzene
 Concen: 26.690 ug/l
 RT: 12.81 min Scan# 1789
 Delta R.T. -0.00 min
 Lab File: VW006968.D
 Acq: 20 Nov 2018 02:30

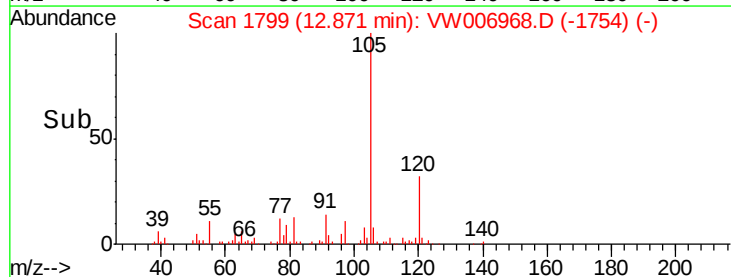
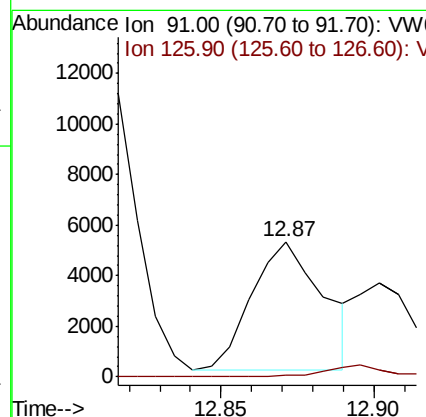
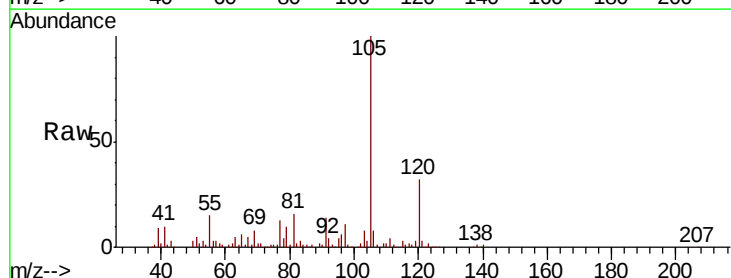
Instrument :
 MSVOA_W
 ClientSampleId :
 20180927-WCC-3-COMPOSITE

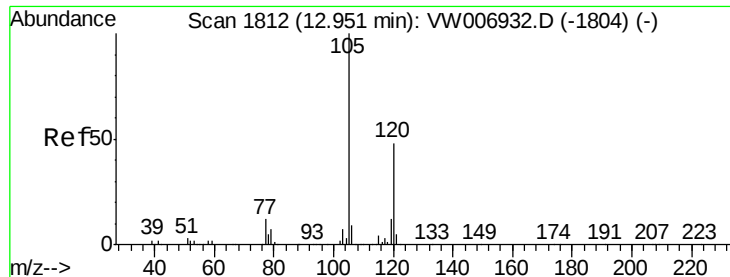
Tot Ion: 91 Resp: 24482
 Ion Ratio Lower Upper
 91 100
 120 22.1 11.5 34.5



#79
 2-Chlorotoluene
 Concen: 15.327 ug/l
 RT: 12.87 min Scan# 1799
 Delta R.T. -0.02 min
 Lab File: VW006968.D
 Acq: 20 Nov 2018 02:30

Tgt Ion: 91 Resp: 8239
 Ion Ratio Lower Upper
 91 100
 126 0.0 16.6 49.7#

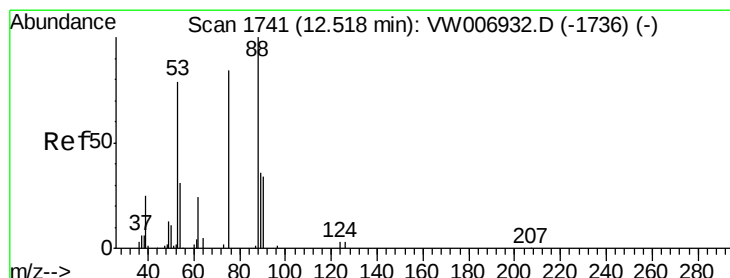
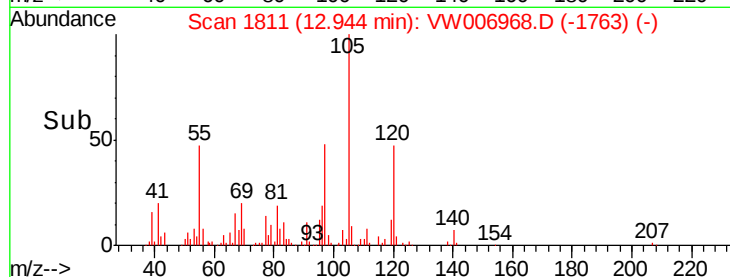
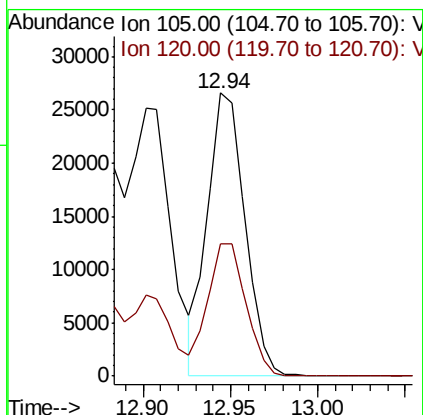
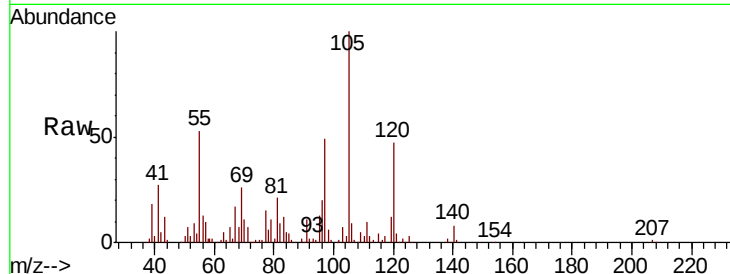




#80
 1,3,5-Trimethylbenzene
 Concen: 60.748 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. -0.01 min
 Lab File: VW006968.D
 Acq: 20 Nov 2018 02:30

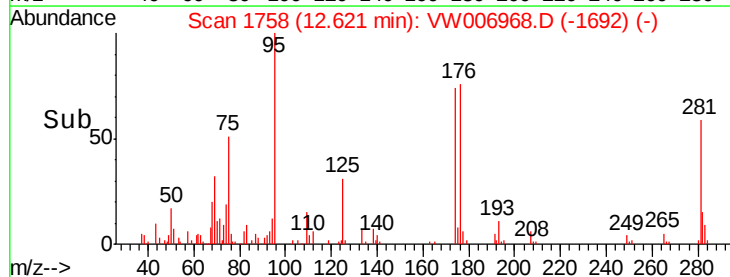
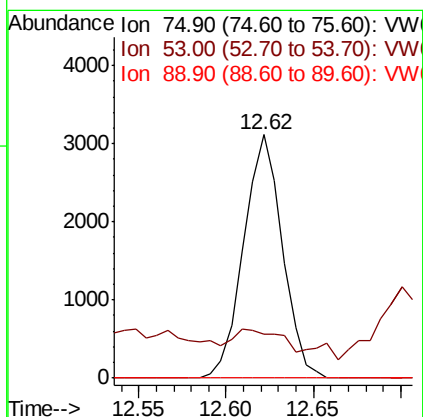
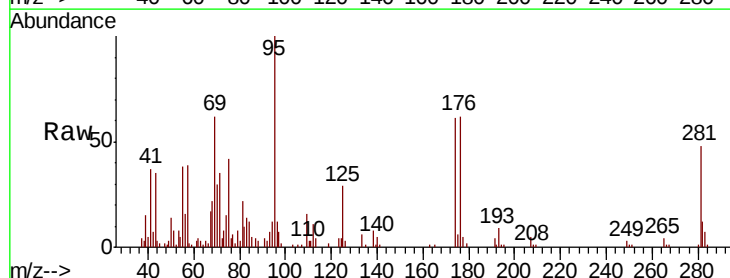
Instrument :
 MSVOA_W
 ClientSampleId :
 20180927-WCC-3-COMPOSITE

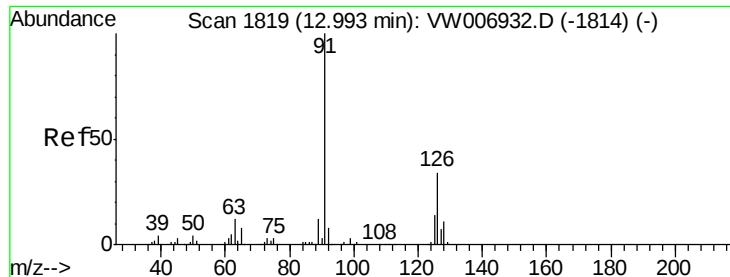
Tot Ion:105 Resp: 39930
 Ion Ratio Lower Upper
 105 100
 120 47.6 23.5 70.5



#81
 trans-1,4-Dichloro-2-butene
 Concen: 140.999 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.10 min
 Lab File: VW006968.D
 Acq: 20 Nov 2018 02:30

Tgt Ion: 75 Resp: 4798
 Ion Ratio Lower Upper
 75 100
 53 9.0 79.3 118.9#
 89 0.0 39.5 59.3#





#82

4-Chlorotoluene

Concen: 7.656 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. -0.04 min

Lab File: VW006968.D

Acq: 20 Nov 2018 02:30

Instrument :

MSVOA_W

ClientSampleId :

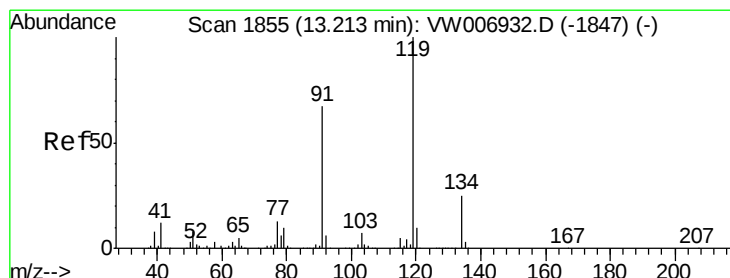
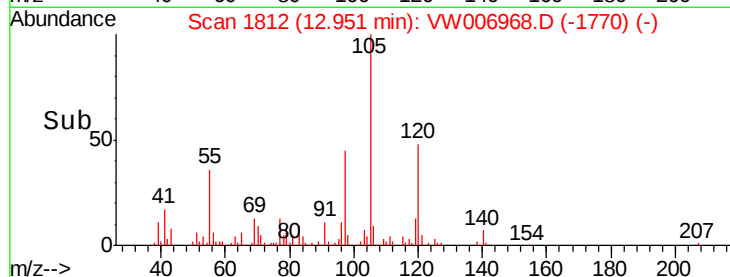
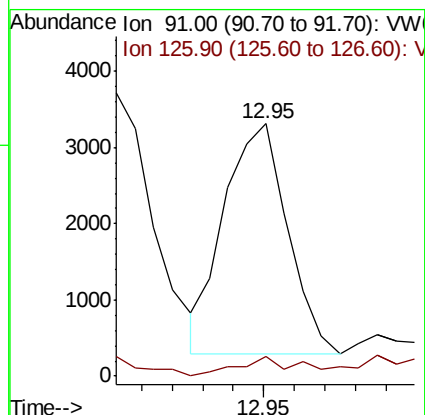
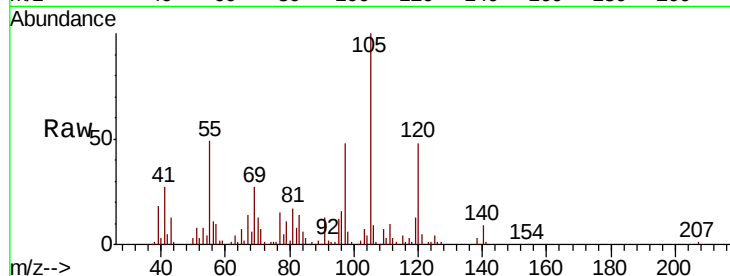
20180927-WCC-3-COMPOSITE

Tot Ion: 91 Resp: 4339

Ion Ratio Lower Upper

91 100

126 7.8 16.2 48.6#



#83

tert-Butylbenzene

Concen: 1.750 ug/l

RT: 13.21 min Scan# 1854

Delta R.T. -0.01 min

Lab File: VW006968.D

Acq: 20 Nov 2018 02:30

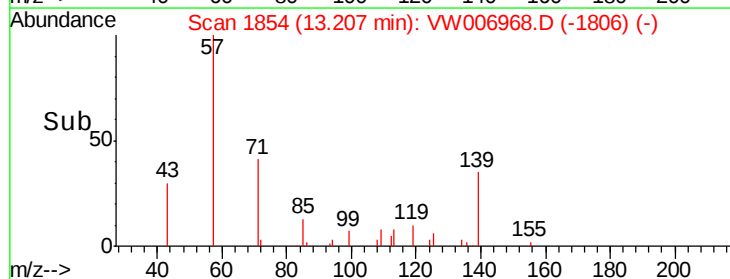
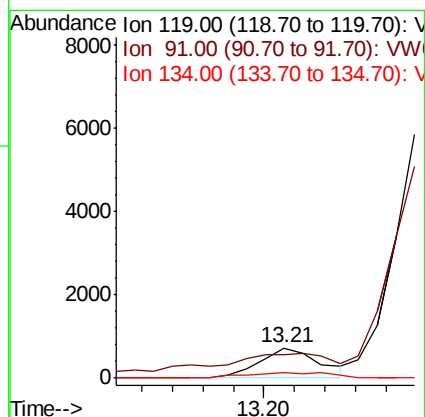
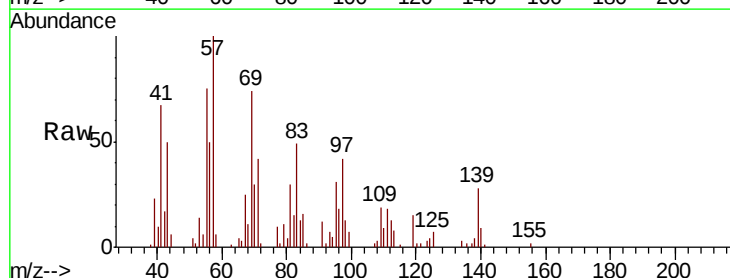
Tgt Ion: 119 Resp: 977

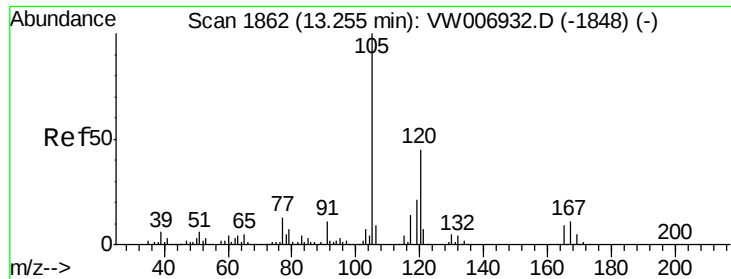
Ion Ratio Lower Upper

119 100

91 97.4 33.8 101.4

134 25.8 12.6 37.8

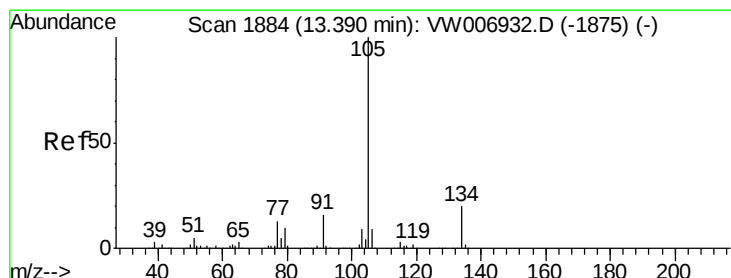
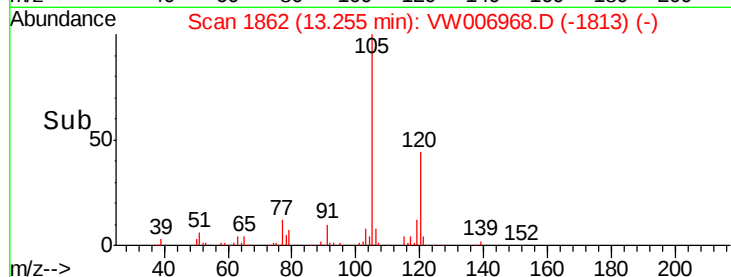
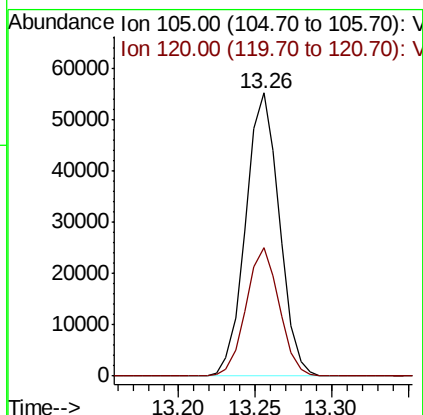
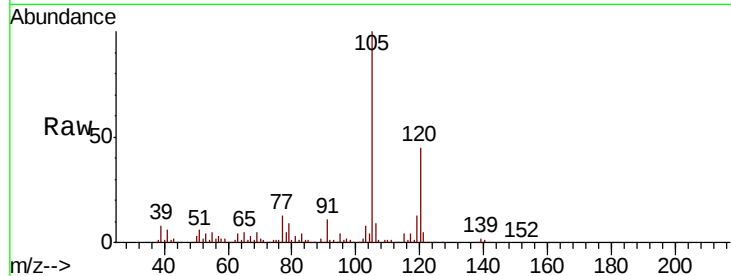




#84
1,2,4-Trimethylbenzene
Concen: 128.365 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. -0.00 min
Lab File: VW006968.D
Acq: 20 Nov 2018 02:30

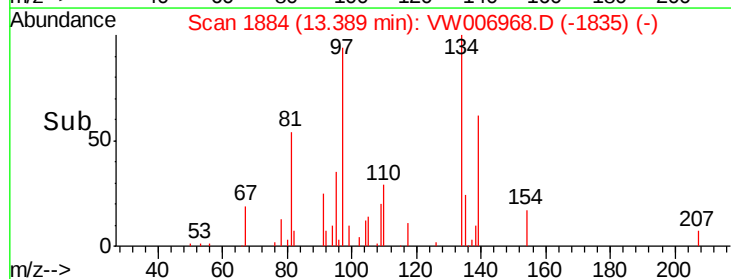
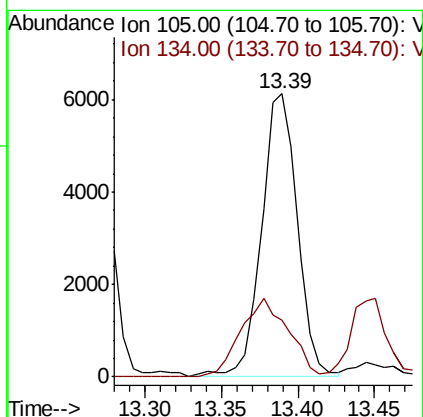
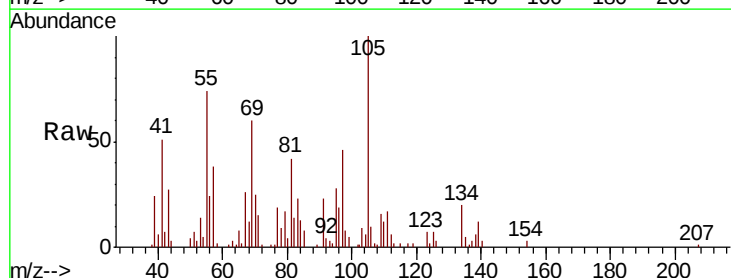
Instrument :
MSVOA_W
ClientSampleId :
20180927-WCC-3-COMPOSITE

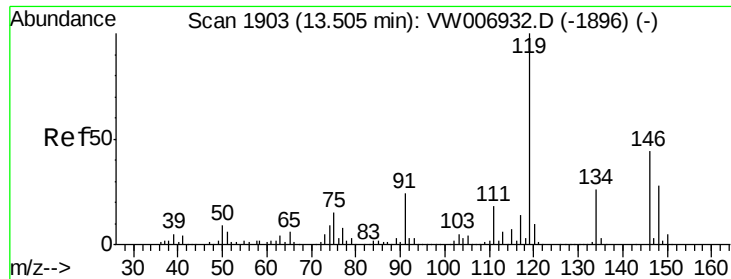
Tot Ion:105 Resp: 84764
Ion Ratio Lower Upper
105 100
120 44.8 21.9 65.8



#85
sec-Butylbenzene
Concen: 12.565 ug/l
RT: 13.39 min Scan# 1884
Delta R.T. -0.00 min
Lab File: VW006968.D
Acq: 20 Nov 2018 02:30

Tgt Ion:105 Resp: 10008
Ion Ratio Lower Upper
105 100
134 36.7 9.8 29.4#

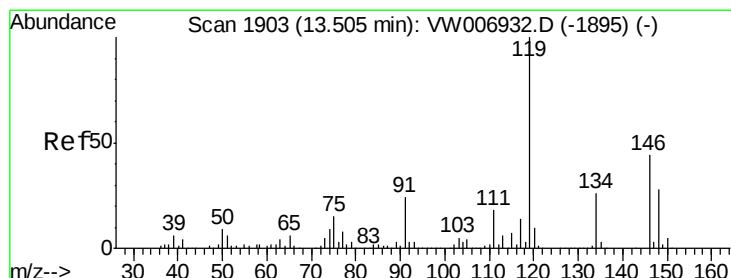
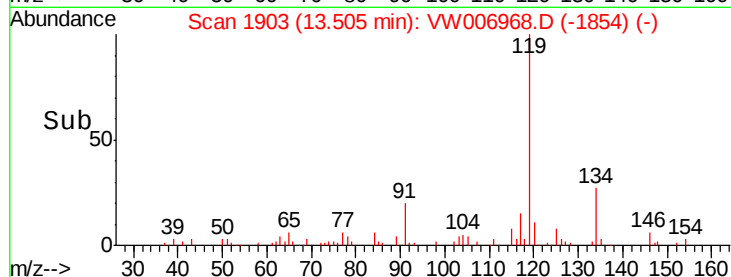
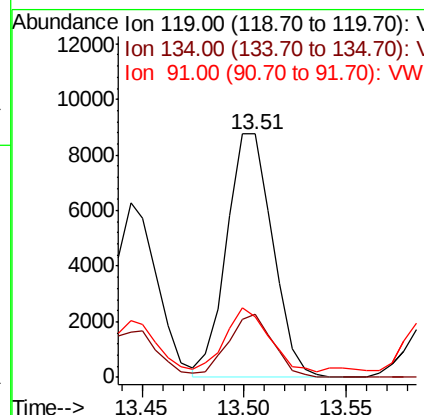
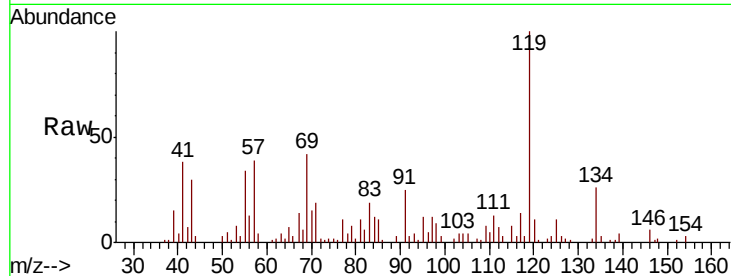




#86
 p-Isopropyltoluene
 Concen: 19.658 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW006968.D
 Acq: 20 Nov 2018 02:30

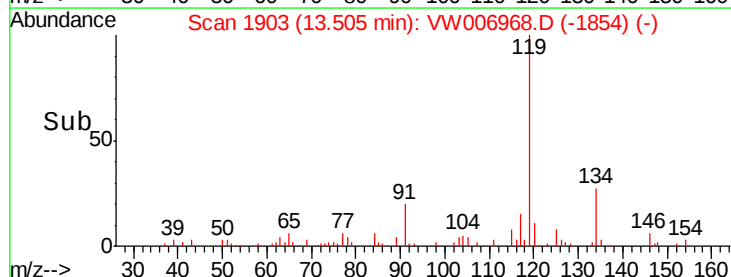
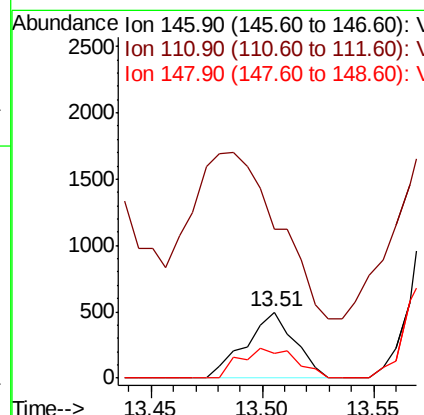
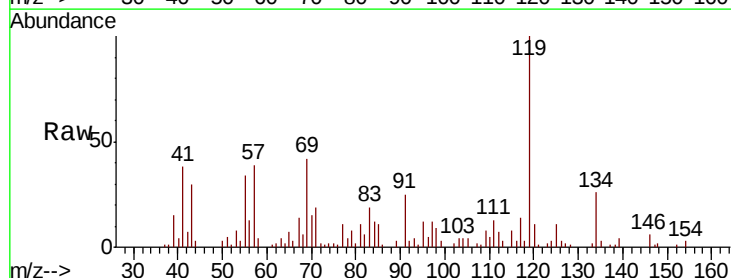
Instrument :
 MSVOA_W
 ClientSampleId :
 20180927-WCC-3-COMPOSITE

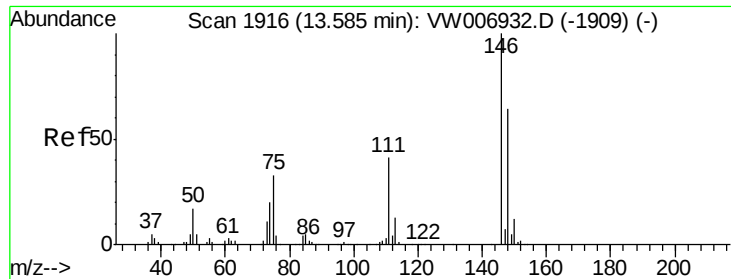
Tot Ion	Ratio	Lower	Upper
119	100		
134	25.4	12.7	38.1
91	24.2	12.4	37.2



#87
 1,3-Dichlorobenzene
 Concen: 2.309 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW006968.D
 Acq: 20 Nov 2018 02:30

Tgt Ion	Ratio	Lower	Upper
146	100		
111	438.4	21.3	63.9#
148	51.3	31.9	95.9

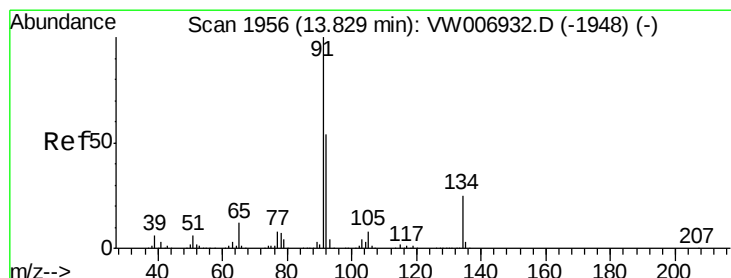
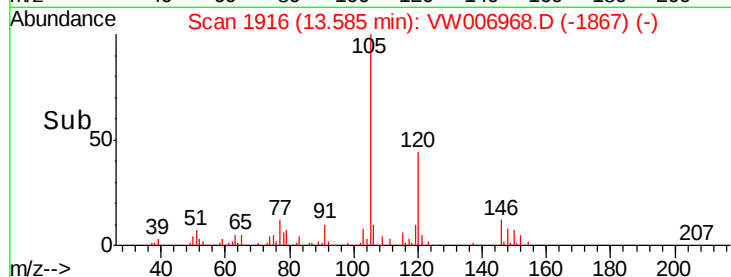
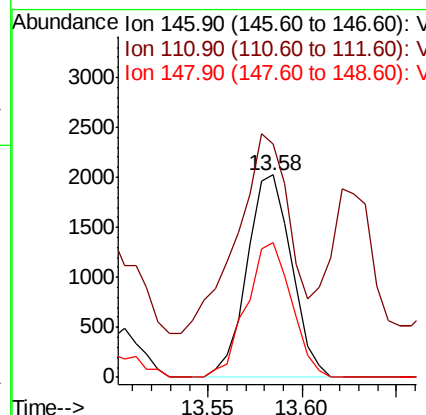
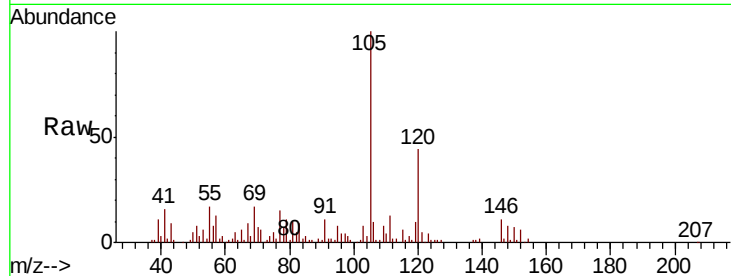




#88
 1,4-Dichlorobenzene
 Concen: 10.075 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. -0.00 min
 Lab File: VW006968.D
 Acq: 20 Nov 2018 02:30

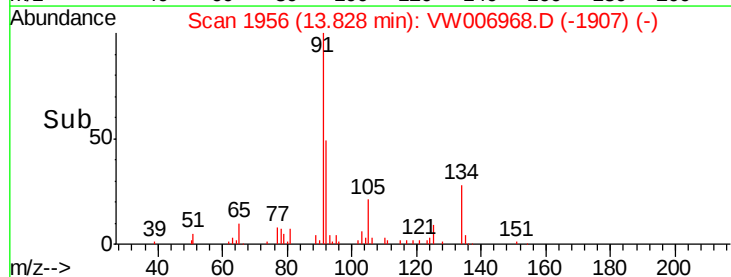
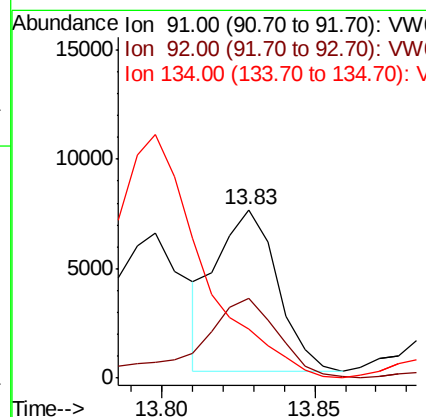
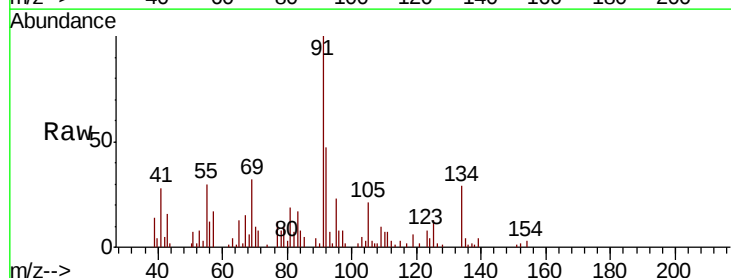
Instrument :
 MSVOA_W
 ClientSampleId :
 20180927-WCC-3-COMPOSITE

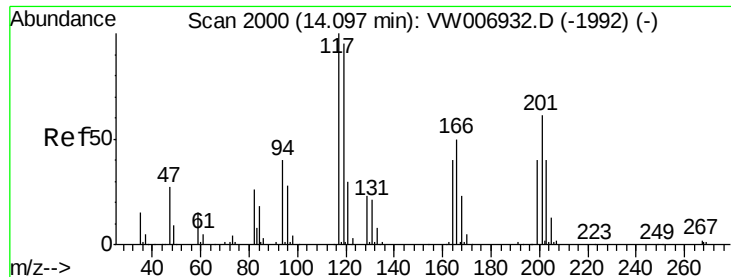
Tot Ion:146 Resp: 3322
 Ion Ratio Lower Upper
 146 100
 111 114.8 20.7 62.1#
 148 67.4 31.9 95.9



#89
 n-Butylbenzene
 Concen: 15.292 ug/l
 RT: 13.83 min Scan# 1956
 Delta R.T. -0.00 min
 Lab File: VW006968.D
 Acq: 20 Nov 2018 02:30

Tgt Ion: 91 Resp: 10076
 Ion Ratio Lower Upper
 91 100
 92 66.7 26.4 79.2
 134 0.0 12.9 38.6#





#90

Hexachloroethane

Concen: 39.293 ug/l

RT: 14.10 min Scan# 2001

Delta R.T. 0.01 min

Lab File: VW006968.D

Acq: 20 Nov 2018 02:30

Instrument :

MSVOA_W

ClientSampleId :

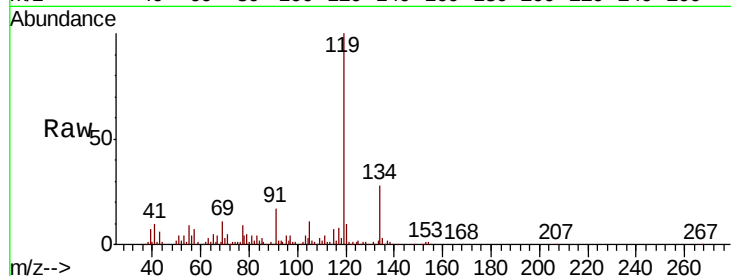
20180927-WCC-3-COMPOSITE

Tot Ion:117 Resp: 4459

Ion Ratio Lower Upper

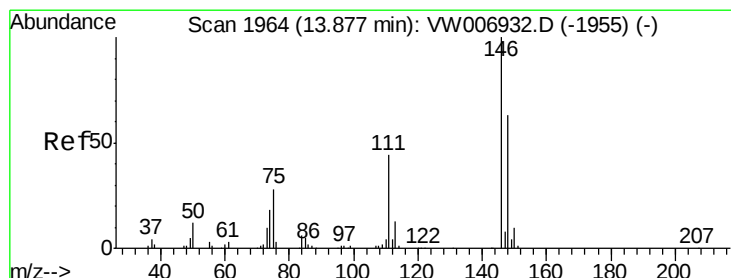
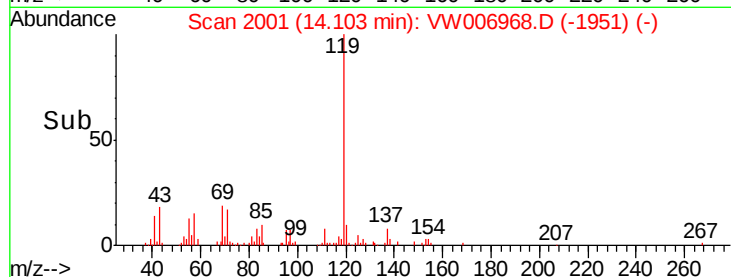
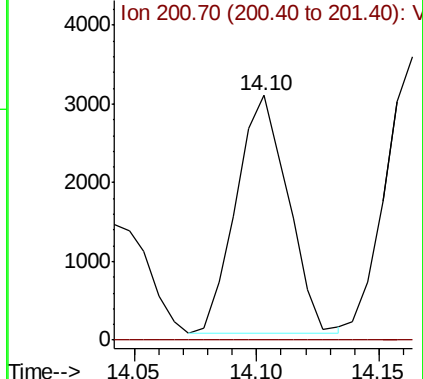
117 100

201 0.0 33.8 101.4#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#91

1,2-Dichlorobenzene

Concen: 2.282 ug/l

RT: 13.87 min Scan# 1963

Delta R.T. -0.01 min

Lab File: VW006968.D

Acq: 20 Nov 2018 02:30

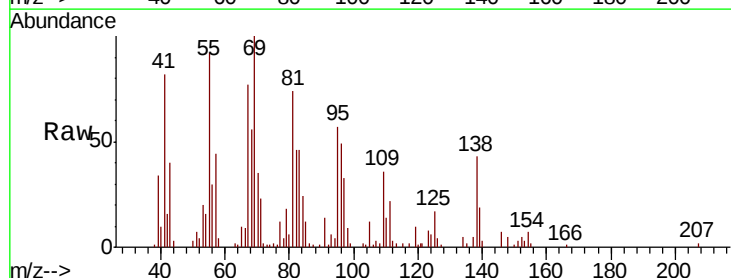
Tgt Ion:146 Resp: 675

Ion Ratio Lower Upper

146 100

111 179.7 22.6 67.7#

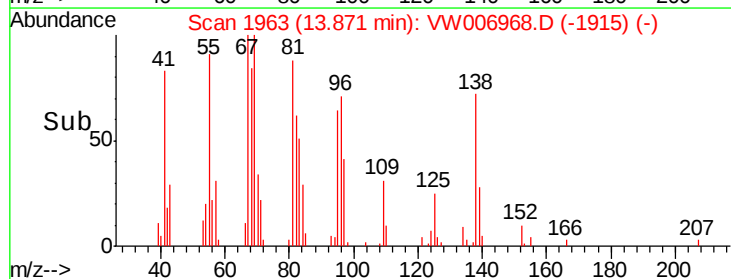
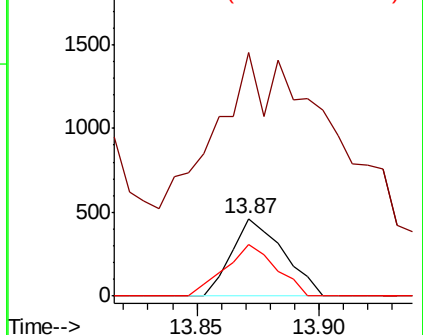
148 65.6 31.7 95.1

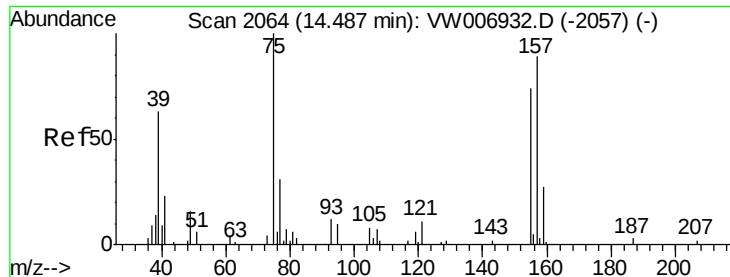


Abundance Ion 145.90 (145.60 to 146.60): V

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: 20.534 ug/l

RT: 14.47 min Scan# 2061

Delta R.T. -0.02 min

Lab File: VW006968.D

Acq: 20 Nov 2018 02:30

Instrument :

MSVOA_W

ClientSampleId :

20180927-WCC-3-COMPOSITE

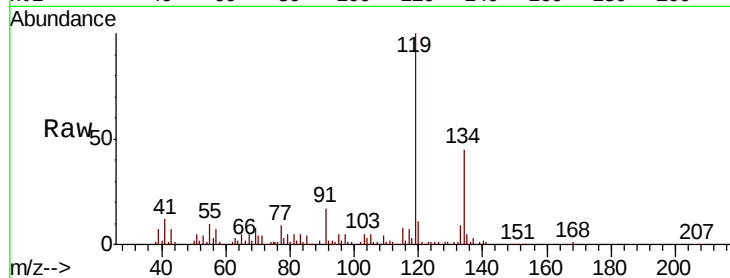
Tot Ion: 75 Resp: 399

Ion Ratio Lower Upper

75 100

155 0.0 38.6 115.7#

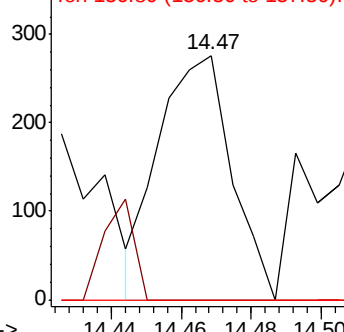
157 0.0 49.7 149.1#



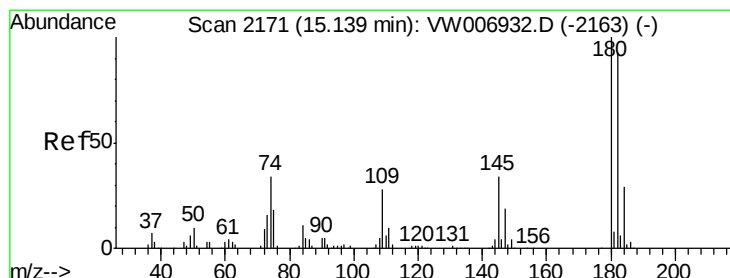
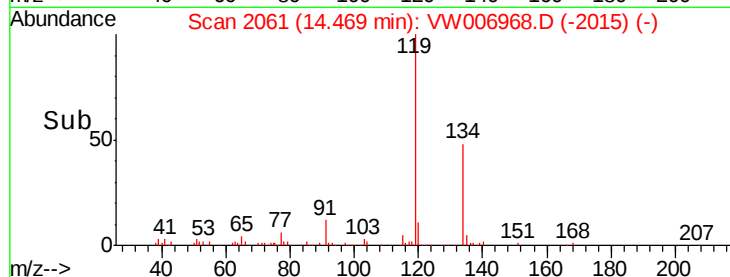
Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V



Time-->



#93

1,2,4-Trichlorobenzene

Concen: 1.832 ug/l

RT: 15.13 min Scan# 2170

Delta R.T. -0.01 min

Lab File: VW006968.D

Acq: 20 Nov 2018 02:30

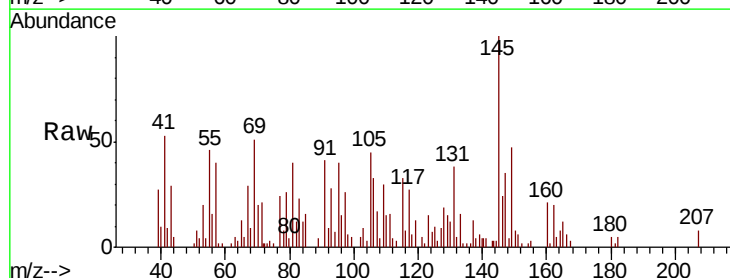
Tgt Ion: 180 Resp: 341

Ion Ratio Lower Upper

180 100

182 114.7 47.3 141.9

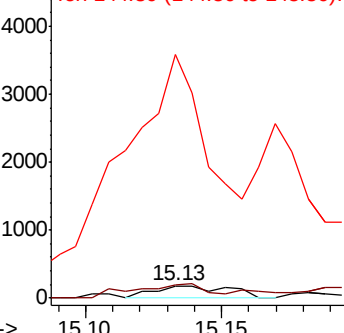
145 2217.3 16.8 50.4#



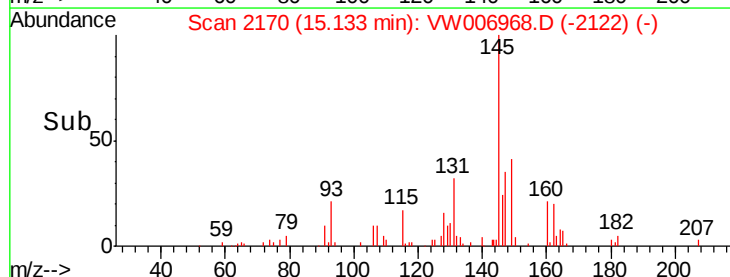
Abundance Ion 179.80 (179.50 to 180.50): V

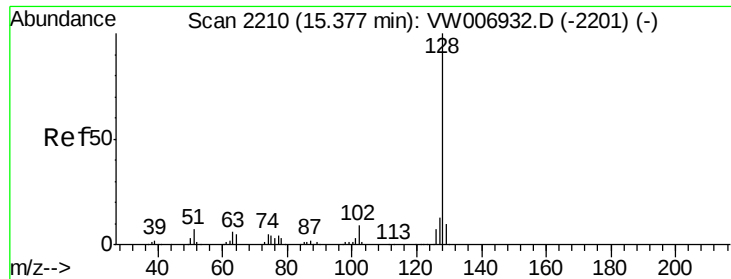
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



Time-->

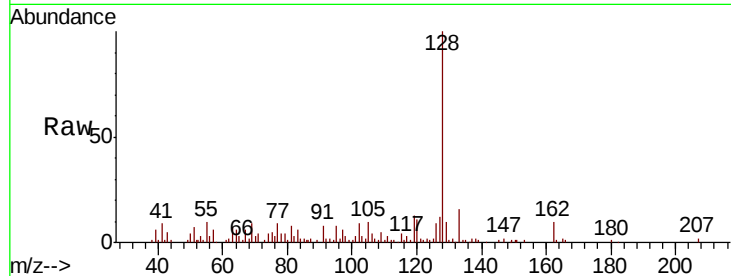




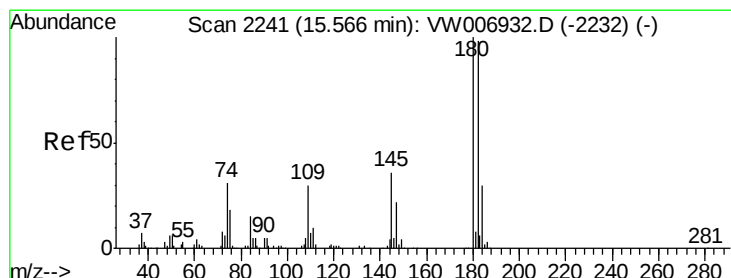
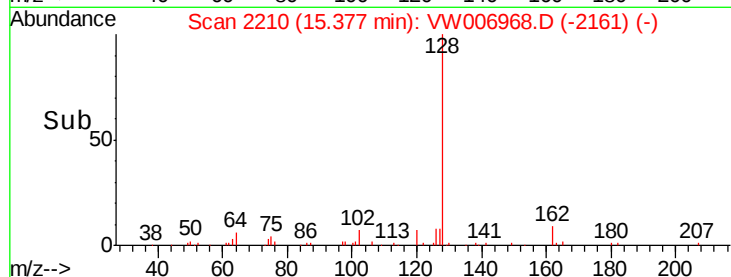
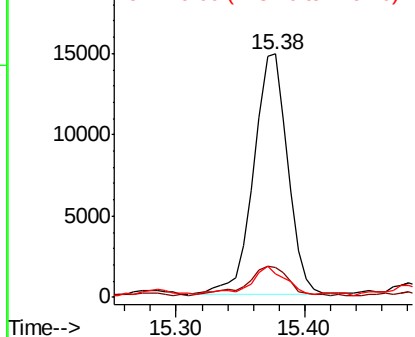
#95
Naphthalene
Concen: 74.553 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. -0.00 min
Lab File: VW006968.D
Acq: 20 Nov 2018 02:30

Instrument :
MSVOA_W
ClientSampleId :
20180927-WCC-3-COMPOSITE

Tot Ion:128 Resp: 26737
Ion Ratio Lower Upper
128 100
127 15.4 10.6 15.8
129 11.7 8.5 12.7

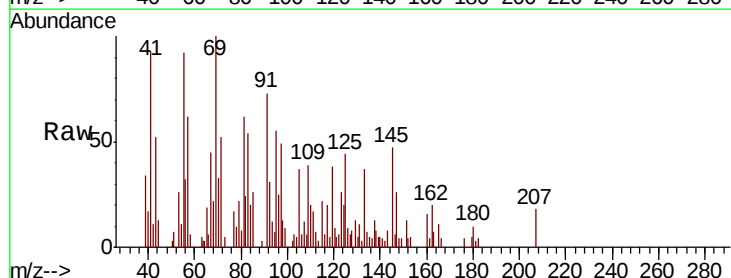


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 1.210 ug/l
RT: 15.58 min Scan# 2244
Delta R.T. 0.02 min
Lab File: VW006968.D
Acq: 20 Nov 2018 02:30

Tgt Ion:180 Resp: 193
Ion Ratio Lower Upper
180 100
182 58.0 47.4 142.2
145 0.0 17.6 52.9#



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

