

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 26 16:45:54 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%	

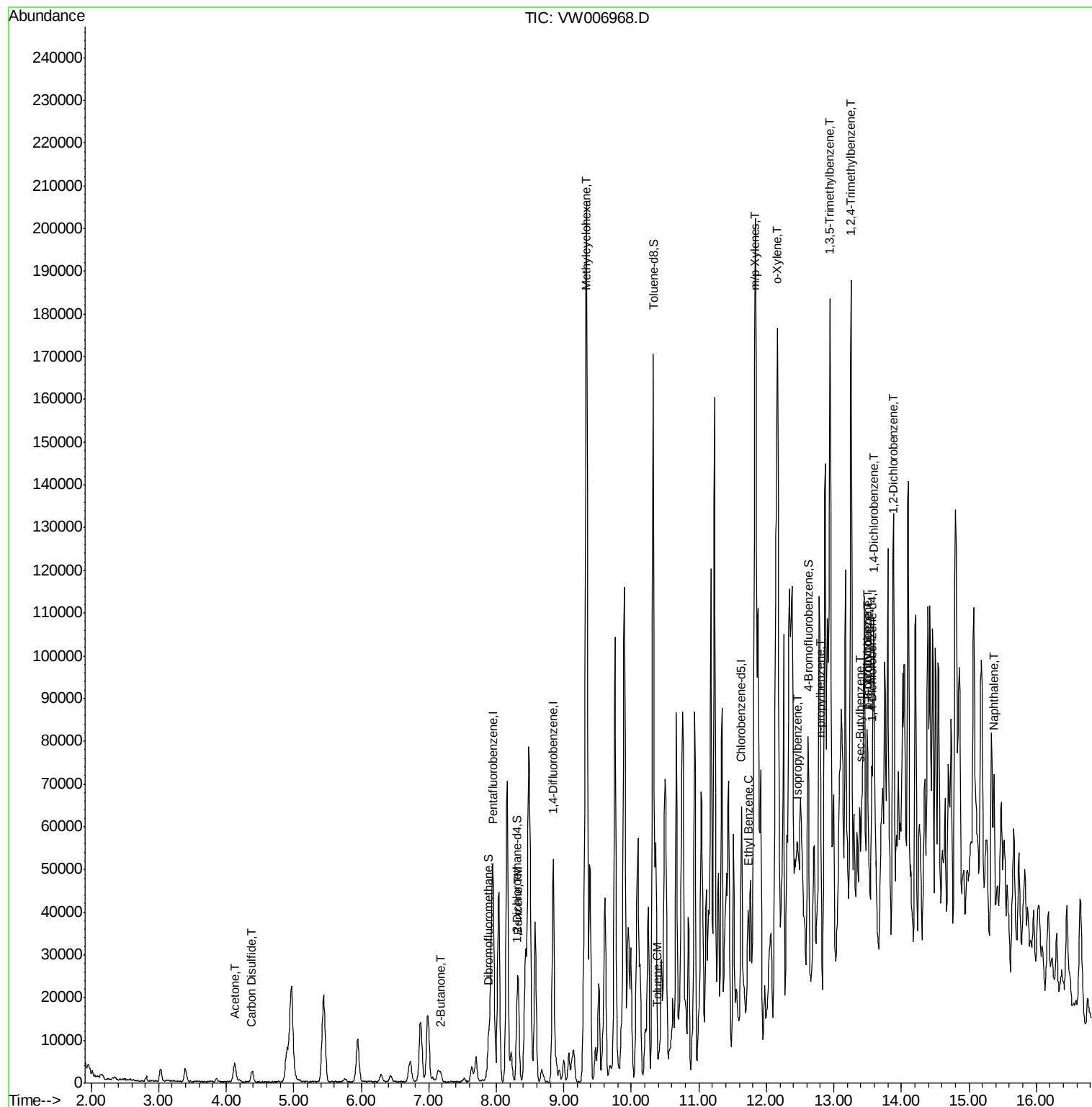
Target Compounds					Qvalue	
16) Acetone	4.13	43	7675	224.47	ug/l	98
17) Carbon Disulfide	4.37	76	4845	8.29	ug/l #	93
25) 2-Butanone	7.17	43	1938	34.13	ug/l #	79
39) Methylcyclohexane	9.34	83	74554	190.72	ug/l	95
40) Benzene	8.33	78	19076	21.43	ug/l	93
52) Toluene	10.40	92	1069	1.79	ug/l	88
67) Ethyl Benzene	11.73	91	7008	7.50	ug/l	95
68) m/p-Xylenes	11.84	106	58079	159.58	ug/l	99
69) o-Xylene	12.17	106	37350	108.12	ug/l	98
73) Isopropylbenzene	12.47	105	8754	11.47	ug/l	100
78) n-propylbenzene	12.81	91	24482	26.69	ug/l	98
80) 1,3,5-Trimethylbenzene	12.94	105	39930	60.75	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	84764	128.36	ug/l	99
85) sec-Butylbenzene	13.39	105	10008	12.57	ug/l #	63
86) p-Isopropyltoluene	13.51	119	13684	19.66	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	764	2.31	ug/l #	1
88) 1,4-Dichlorobenzene	13.58	146	3322	10.08	ug/l #	51
91) 1,2-Dichlorobenzene	13.87	146	675	2.28	ug/l #	13
95) Naphthalene	15.38	128	26737	74.55	ug/l	96

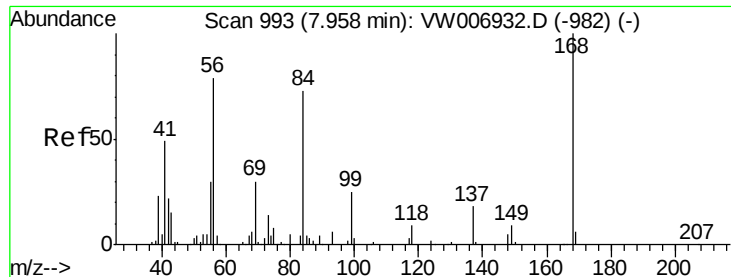
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\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 26 16:45:54 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W111718S.M
Quant Title : SW846 8260
QLast Update : Sat Nov 17 04:45:18 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.96 min Scan# 993

Delta R.T. -0.00 min

Lab File: VW006968.D

Acq: 20 Nov 2018 02:30

Instrument :

MSVOA_W

ClientSampleId :

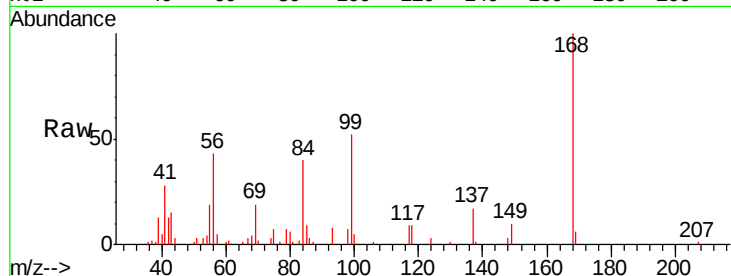
20180927-WCC-3-COMPOSITE

Tgt 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

7.96

10000

8000

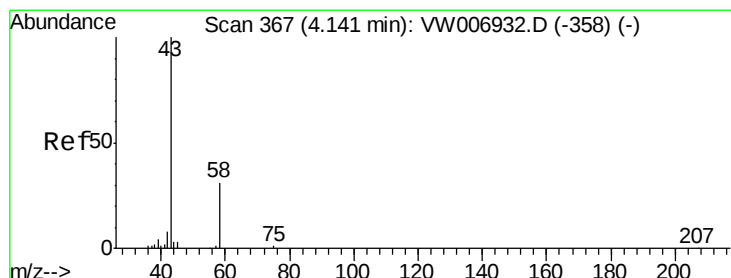
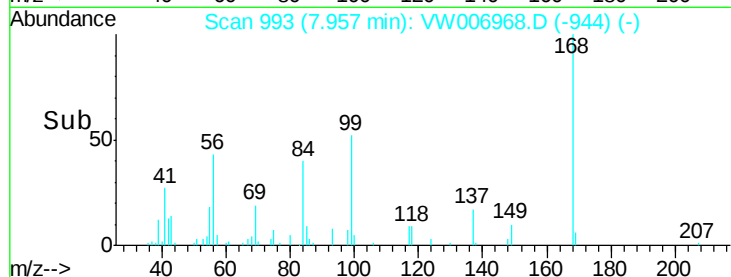
6000

4000

2000

0

Time--> 7.85 7.90 7.95 8.00 8.05



#16

Acetone

Concen: 224.47 ug/l

RT: 4.13 min Scan# 365

Delta R.T. -0.01 min

Lab File: VW006968.D

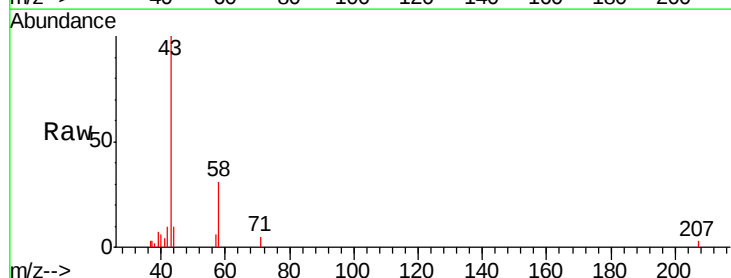
Acq: 20 Nov 2018 02:30

Tgt 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

4.13

2500

2000

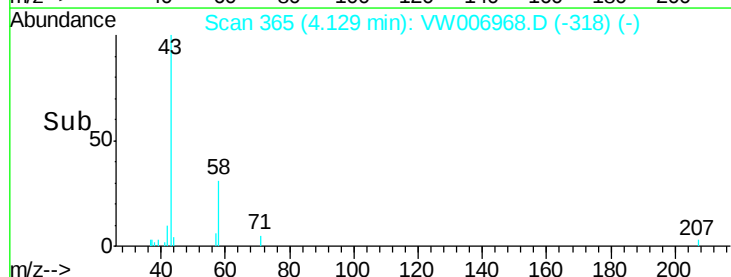
1500

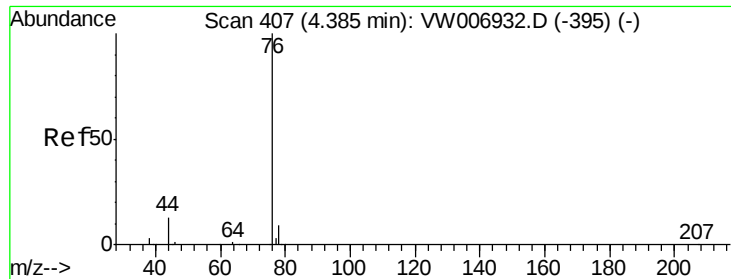
1000

500

0

Time--> 4.00 4.10 4.20

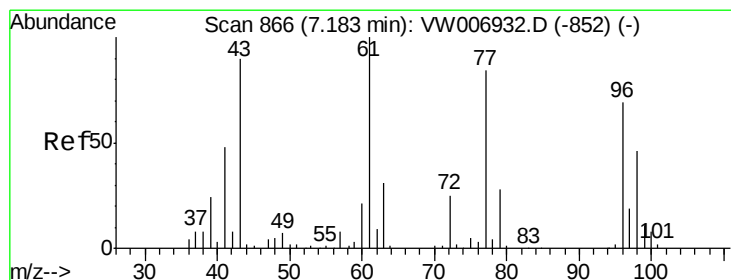
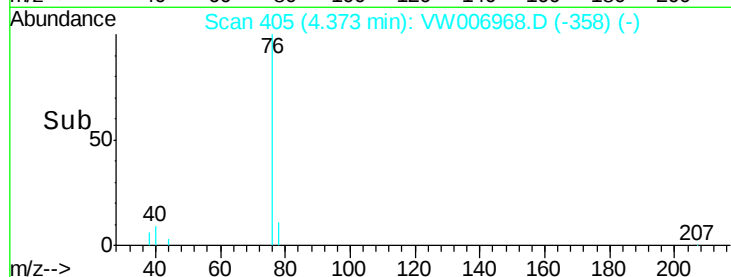
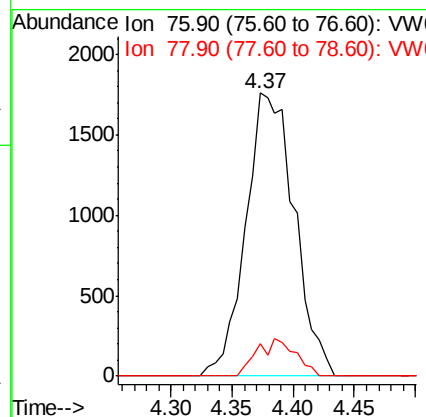
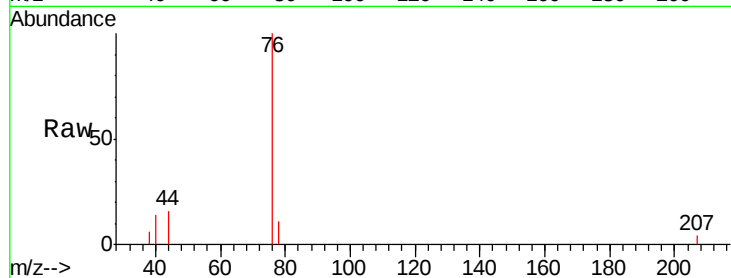




#17
 Carbon Disulfide
 Concen: 8.29 ug/l
 RT: 4.37 min Scan# 405
 Delta R.T. -0.01 min
 Lab File: VW006968.D
 Acq: 20 Nov 2018 02:30

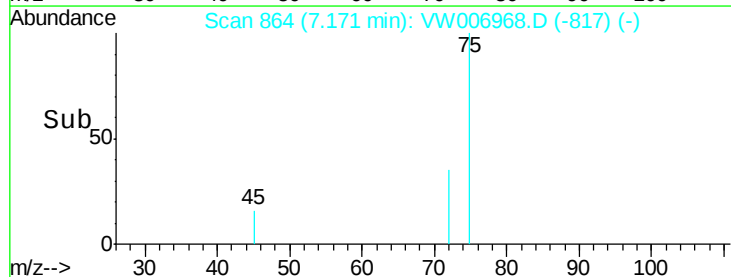
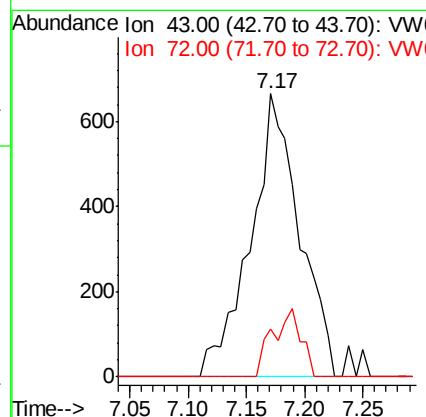
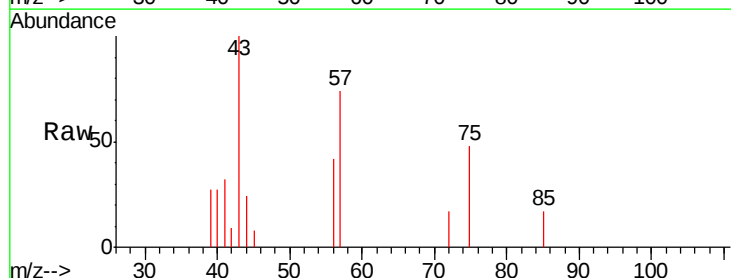
Instrument :
 MSVOA_W
 ClientSampleId :
 20180927-WCC-3-COMPOSITE

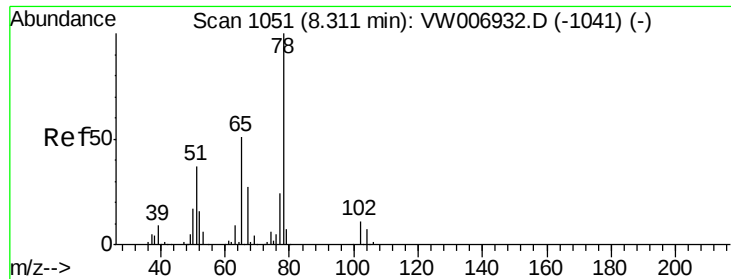
Tgt Ion: 76 Resp: 4845
 Ion Ratio Lower Upper
 76 100
 78 11.4 7.1 10.7#



#25
 2-Butanone
 Concen: 34.13 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#





#33

1,2-Dichloroethane-d4

Concen: 41.49 ug/l

RT: 8.30 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VW006968.D

Acq: 20 Nov 2018 02:30

Instrument :

MSVOA_W

ClientSampleId :

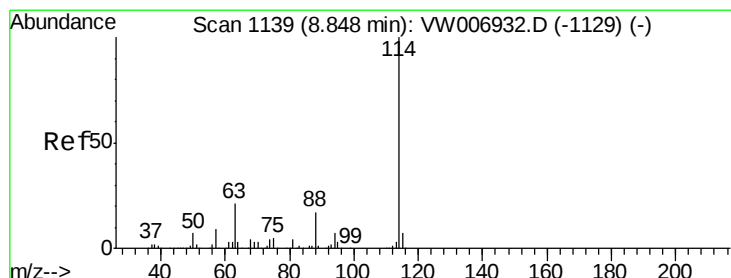
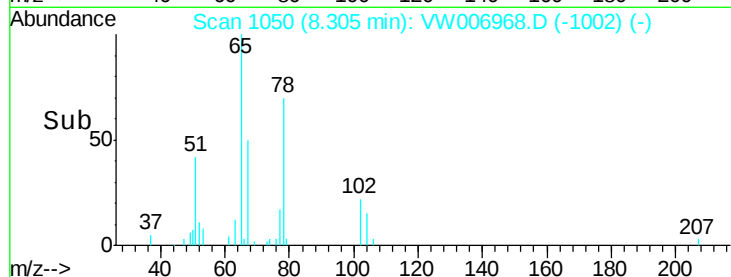
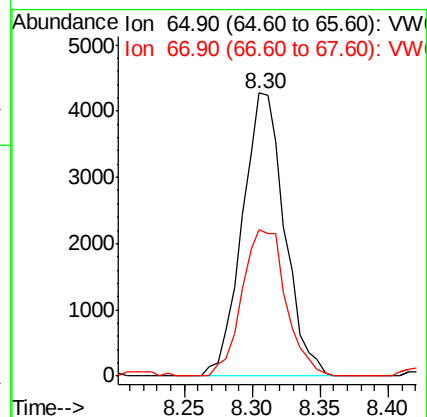
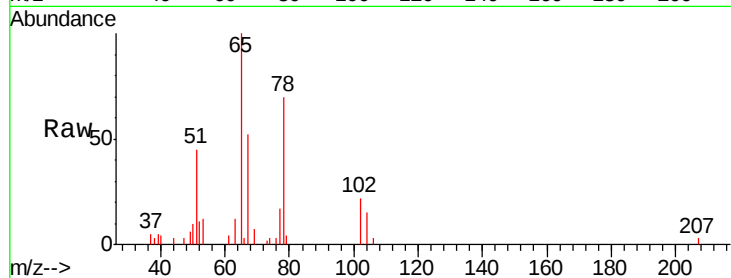
20180927-WCC-3-COMPOSITE

Tgt Ion: 65 Resp: 9274

Ion Ratio Lower Upper

65 100

67 54.0 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.85 min Scan# 1139

Delta R.T. -0.00 min

Lab File: VW006968.D

Acq: 20 Nov 2018 02:30

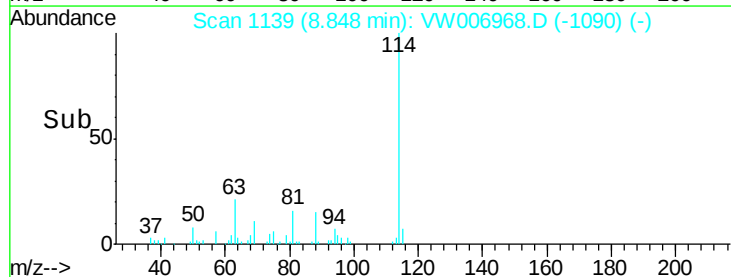
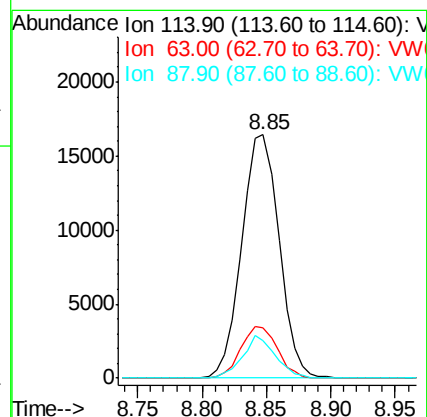
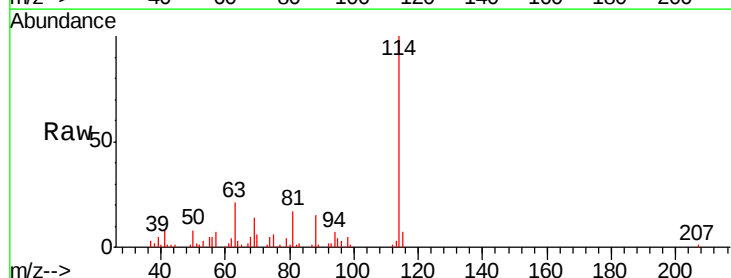
Tgt Ion: 114 Resp: 33064

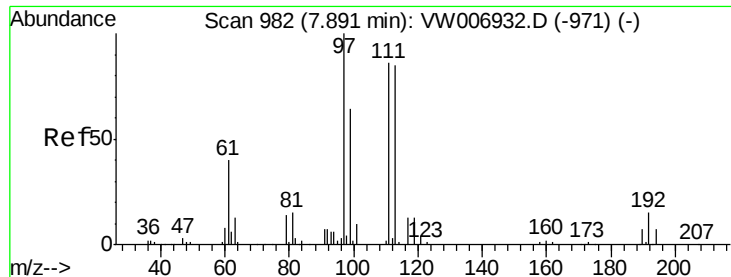
Ion Ratio Lower Upper

114 100

63 20.7 0.0 42.2

88 15.4 0.0 33.4

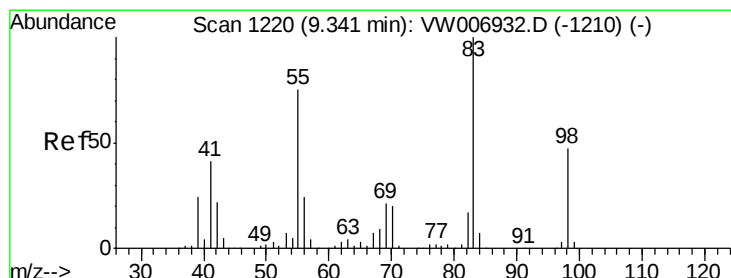
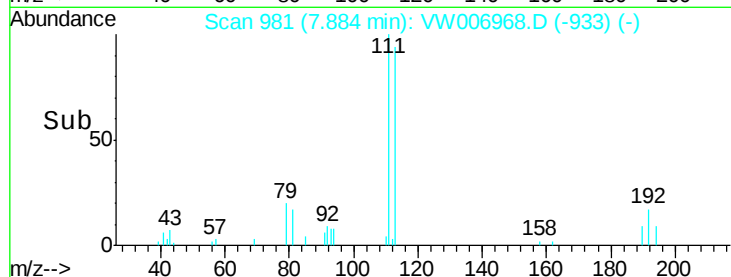
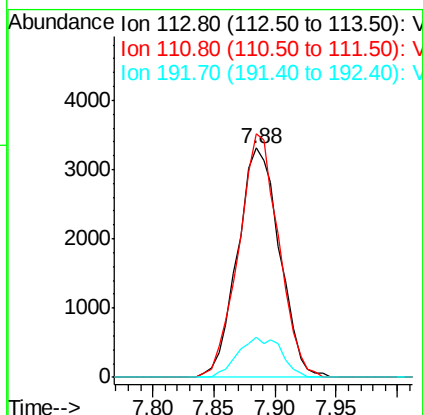
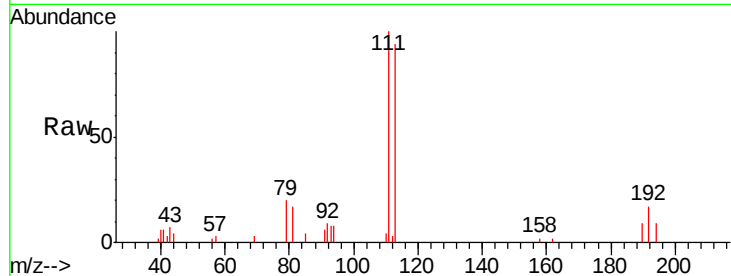




#35
Dibromofluoromethane
Concen: 40.85 ug/l
RT: 7.88 min Scan# 981
Delta R.T. -0.01 min
Lab File: VW006968.D
Acq: 20 Nov 2018 02:30

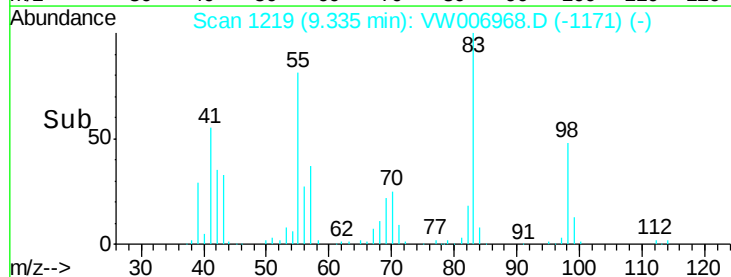
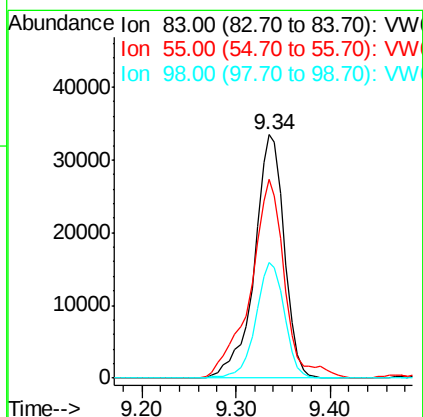
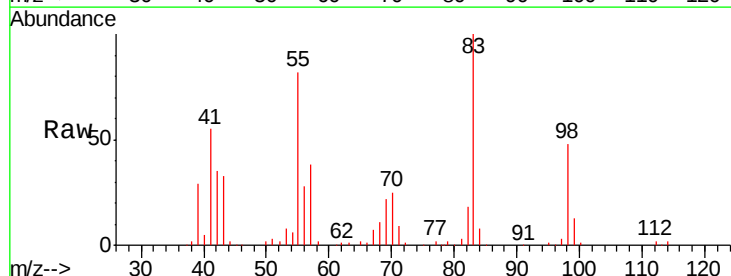
Instrument :
MSVOA_W
ClientSampleId :
20180927-WCC-3-COMPOSITE

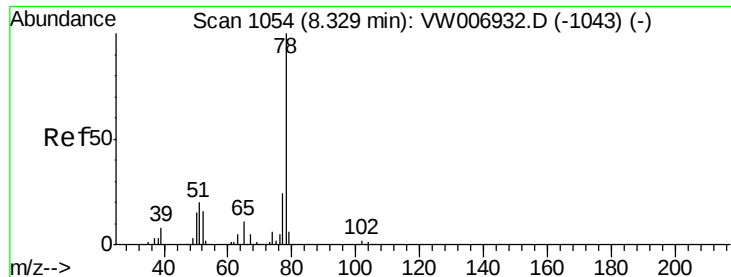
Tgt Ion:113 Resp: 7908
Ion Ratio Lower Upper
113 100
111 101.3 81.7 122.5
192 17.9 13.9 20.9



#39
Methylcyclohexane
Concen: 190.72 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





#40

Benzene

Concen: 21.43 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 :

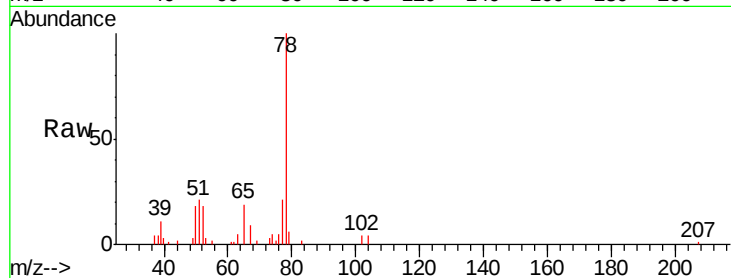
20180927-WCC-3-COMPOSITE

Tgt Ion: 78 Resp: 19076

Ion Ratio Lower Upper

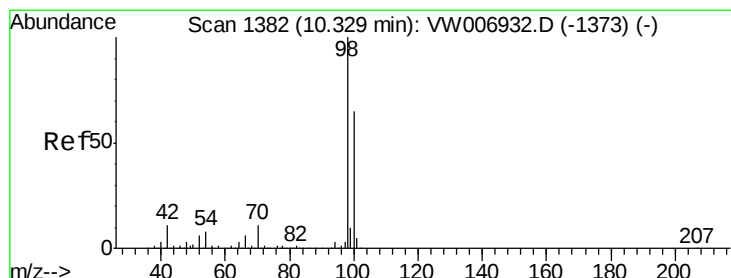
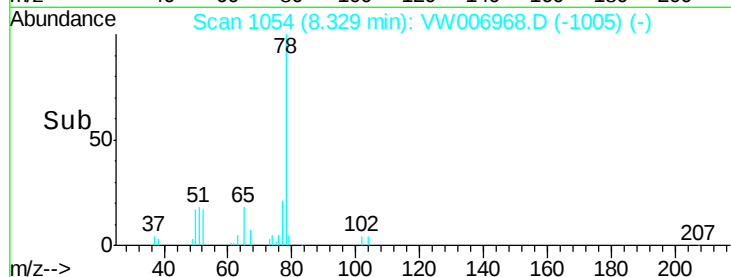
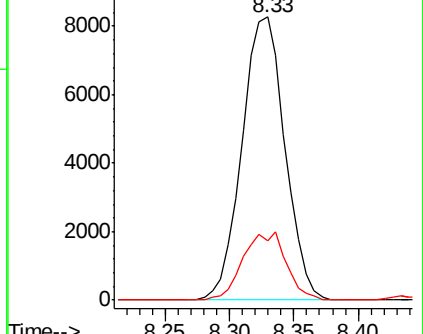
78 100

77 20.9 19.3 28.9



Abundance Ion 78.00 (77.70 to 78.70): VW

Ion 77.00 (76.70 to 77.70): VW



#50

Toluene-d8

Concen: 43.96 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.01 min

Lab File: VW006968.D

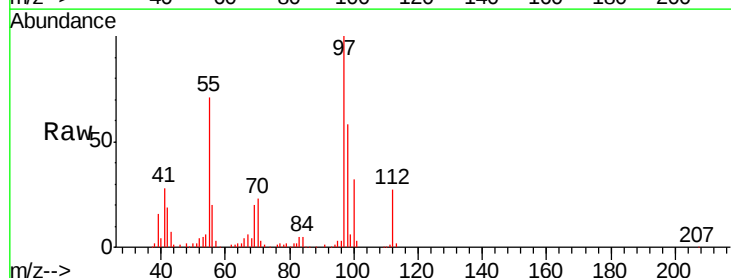
Acq: 20 Nov 2018 02:30

Tgt Ion: 98 Resp: 36575

Ion Ratio Lower Upper

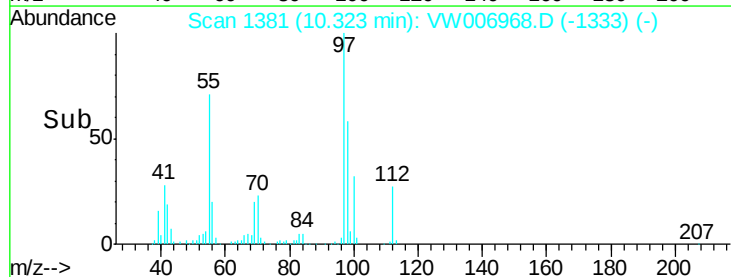
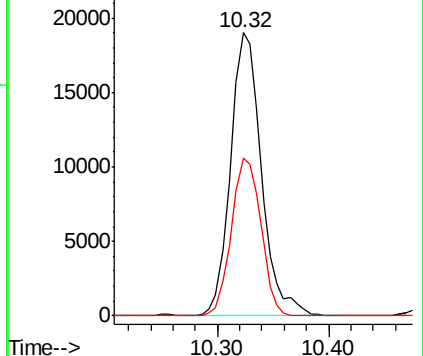
98 100

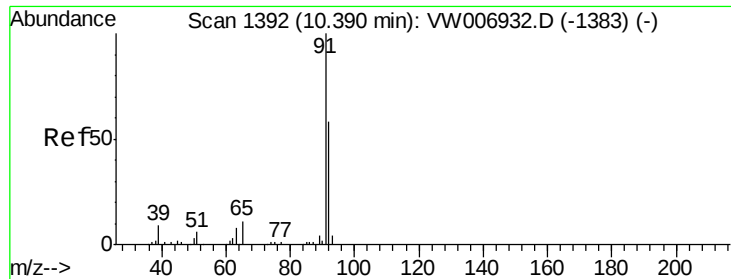
100 53.0 52.3 78.5



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#52

Toluene

Concen: 1.79 ug/l

RT: 10.40 min Scan# 1393

Delta R.T. 0.01 min

Lab File: VW006968.D

Acq: 20 Nov 2018 02:30

Instrument :

MSVOA_W

ClientSampleId :

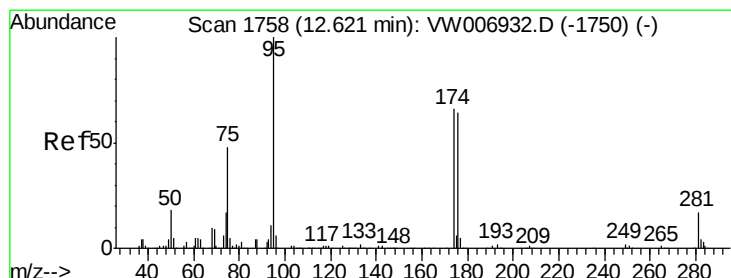
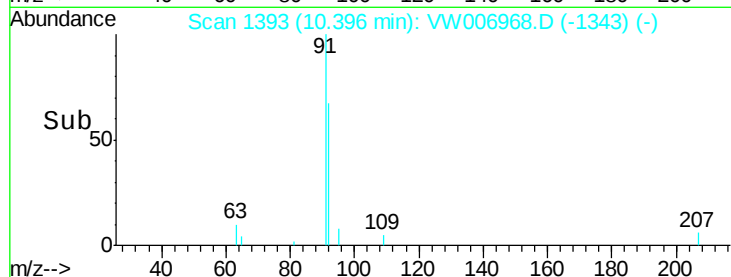
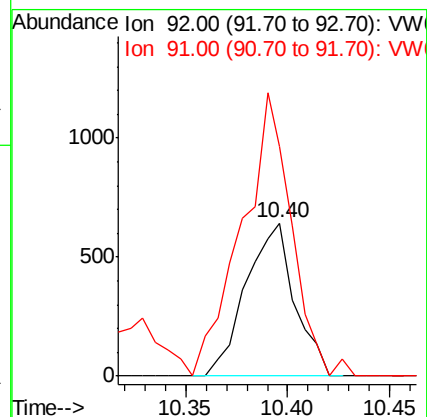
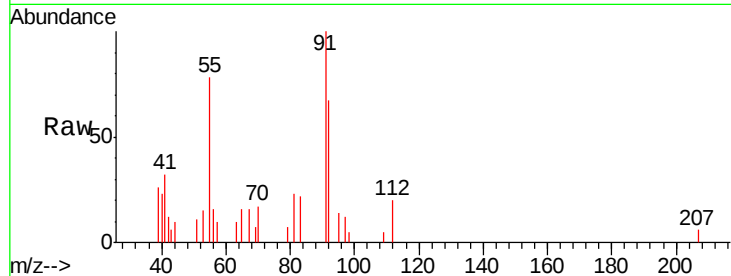
20180927-WCC-3-COMPOSITE

Tgt Ion: 92 Resp: 1069

Ion Ratio Lower Upper

92 100

91 188.7 137.3 205.9



#62

4-Bromofluorobenzene

Concen: 40.57 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.01 min

Lab File: VW006968.D

Acq: 20 Nov 2018 02:30

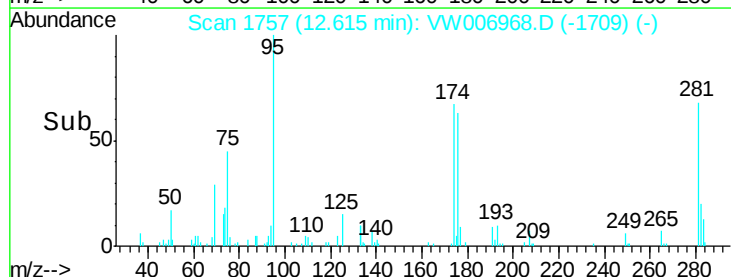
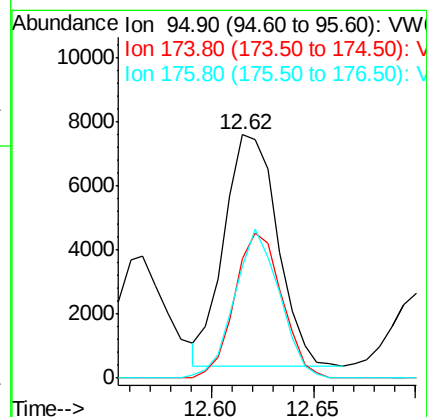
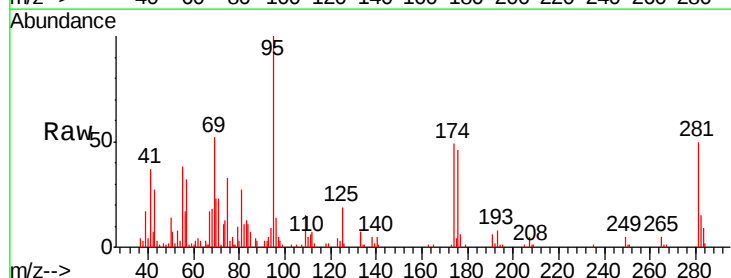
Tgt Ion: 95 Resp: 13162

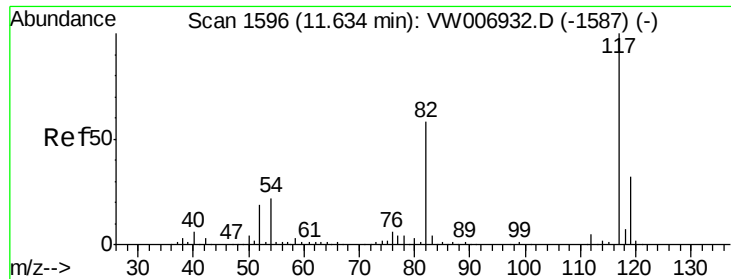
Ion Ratio Lower Upper

95 100

174 55.5 0.0 138.4

176 53.9 0.0 133.4

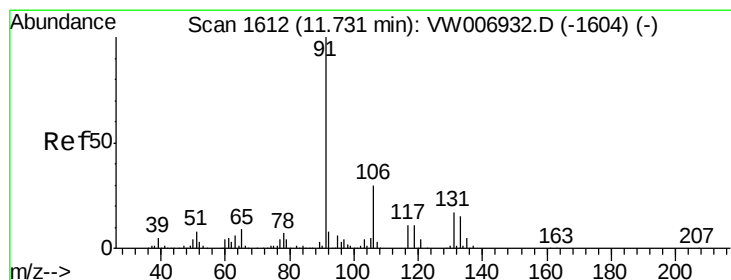
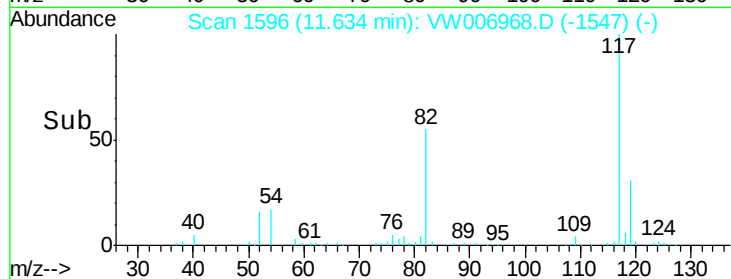
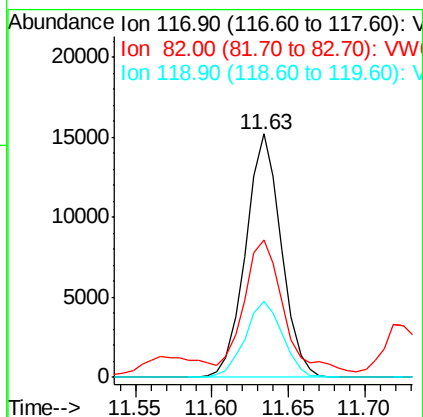
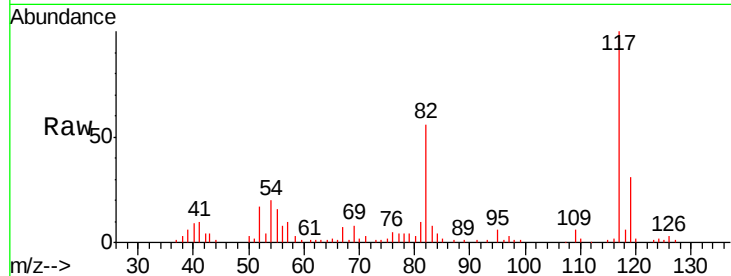




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW006968.D
Acq: 20 Nov 2018 02:30

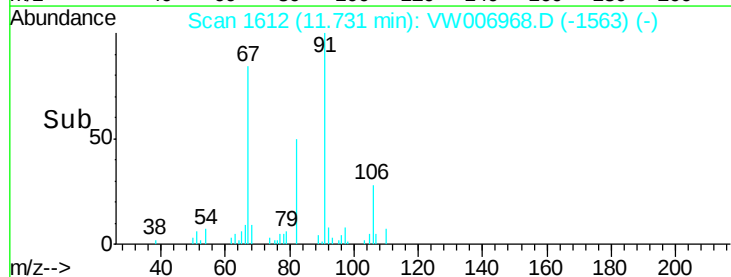
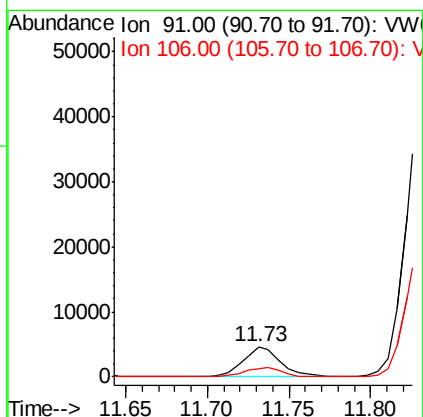
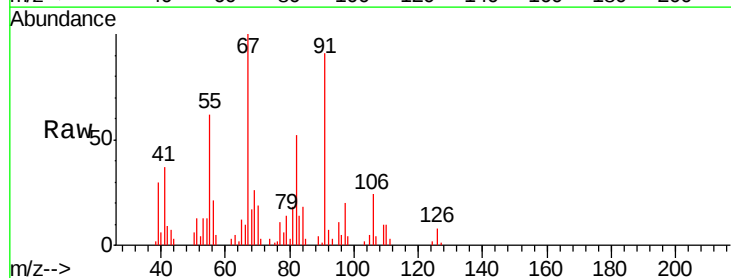
Instrument :
MSVOA_W
ClientSampleId :
20180927-WCC-3-COMPOSITE

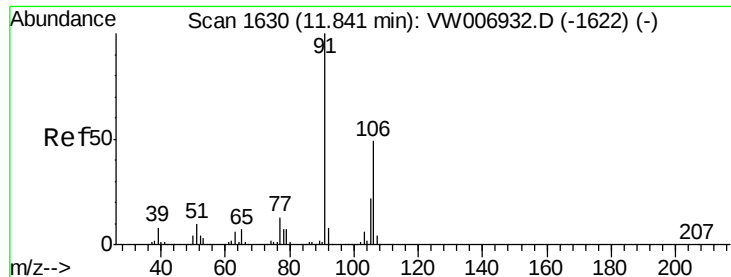
Tgt Ion: 117 Resp: 24551
Ion Ratio Lower Upper
117 100
82 52.5 46.2 69.2
119 31.2 25.5 38.3



#67
Ethyl Benzene
Concen: 7.50 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

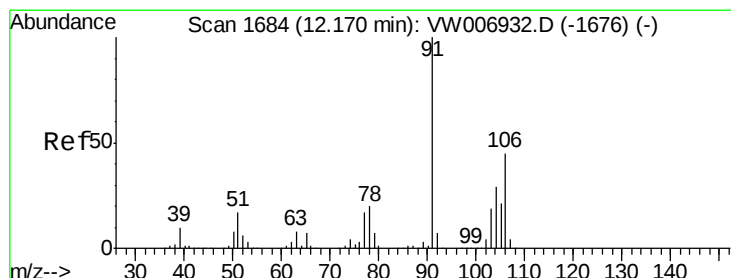
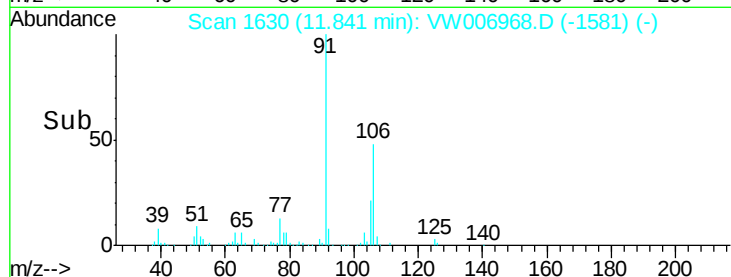
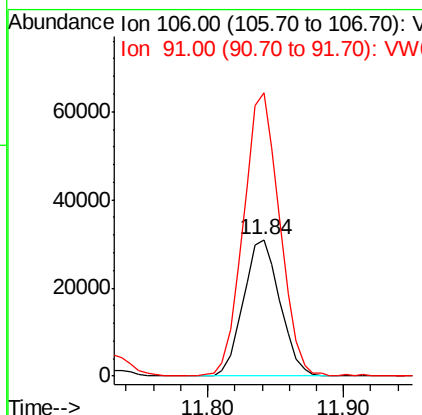
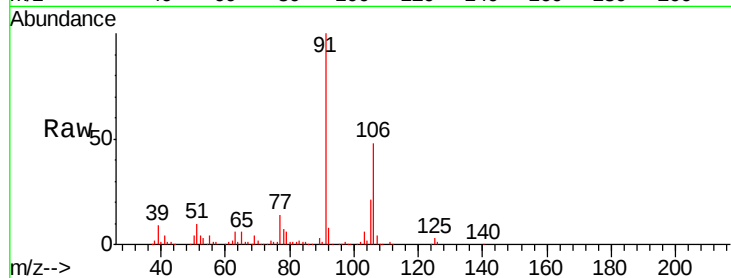




#68
m/p-Xylenes
Concen: 159.58 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW006968.D
Acq: 20 Nov 2018 02:30

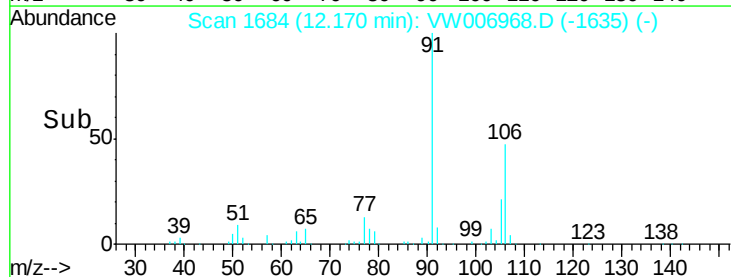
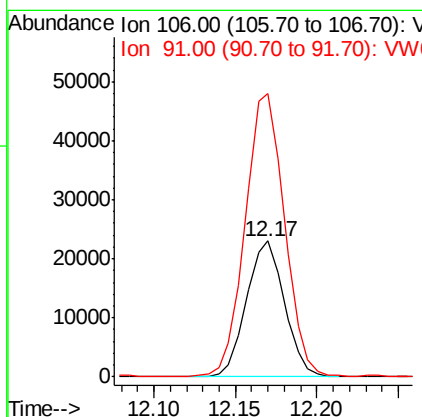
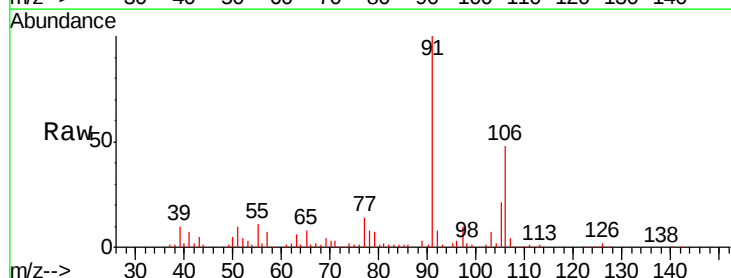
Instrument :
MSVOA_W
ClientSampleId :
20180927-WCC-3-COMPOSITE

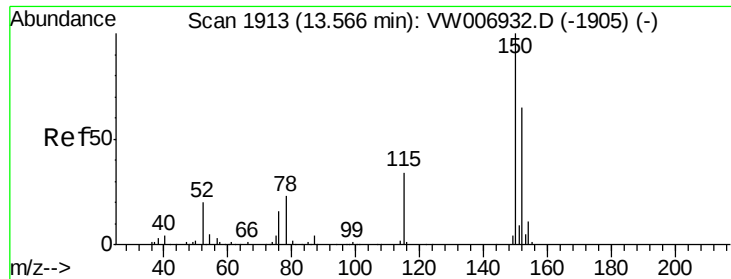
Tgt Ion:106 Resp: 58079
Ion Ratio Lower Upper
106 100
91 204.6 165.0 247.4



#69
o-Xylene
Concen: 108.12 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





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.01 min

Lab File: VW006968.D

Acq: 20 Nov 2018 02:30

Instrument :

MSVOA_W

ClientSampleId :

20180927-WCC-3-COMPOSITE

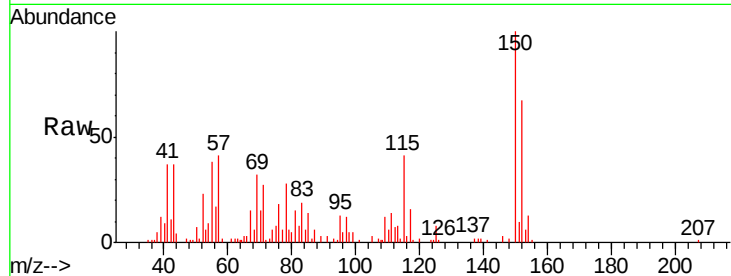
Tgt Ion:152 Resp: 9639

Ion Ratio Lower Upper

152 100

115 68.0 31.6 94.7

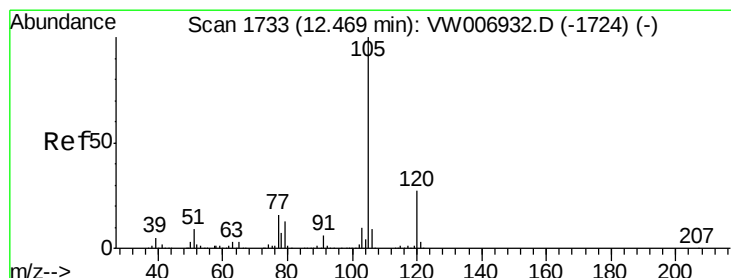
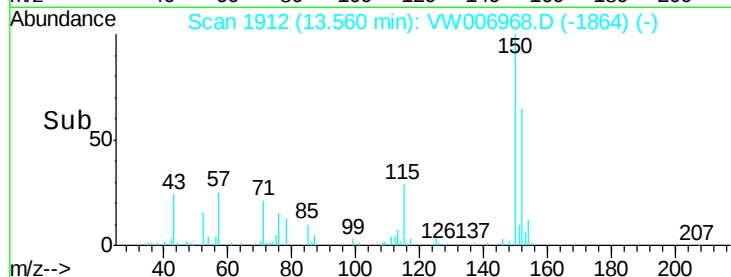
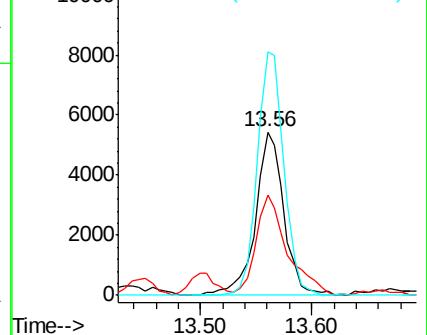
150 139.7 0.0 350.0



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: 11.47 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW006968.D

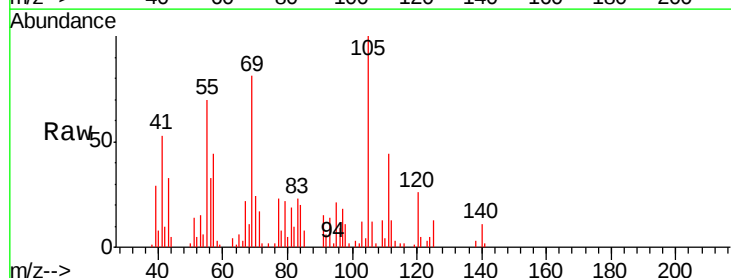
Acq: 20 Nov 2018 02:30

Tgt Ion:105 Resp: 8754

Ion Ratio Lower Upper

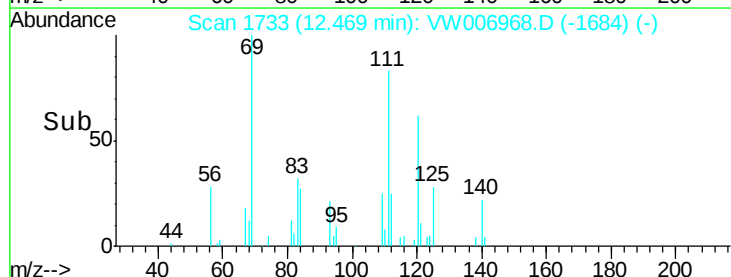
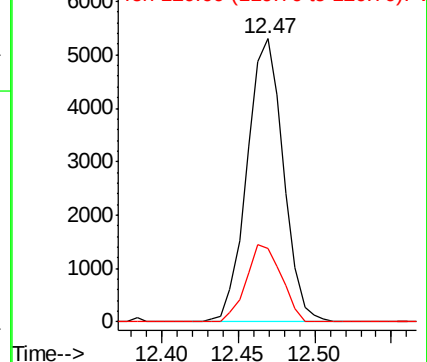
105 100

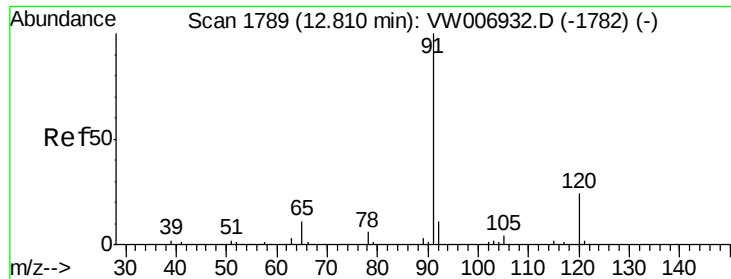
120 26.4 13.2 39.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

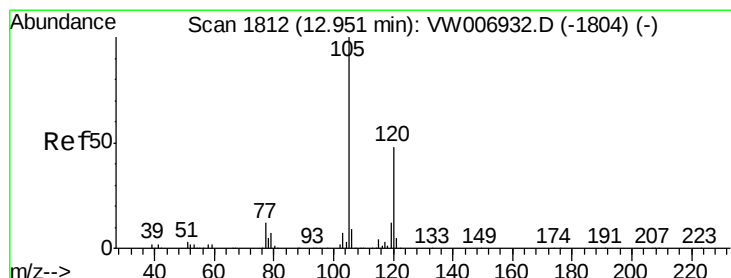
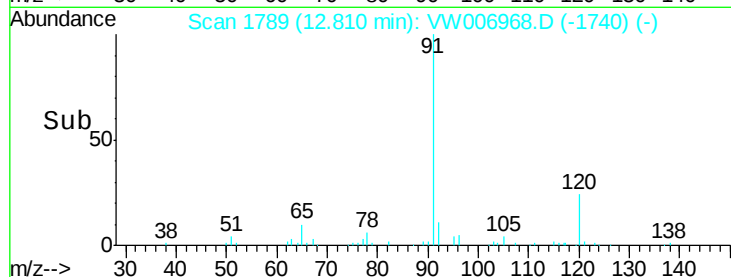
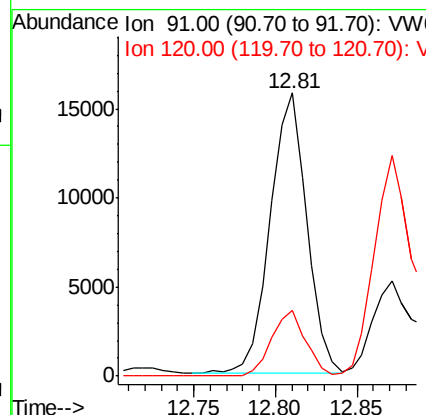
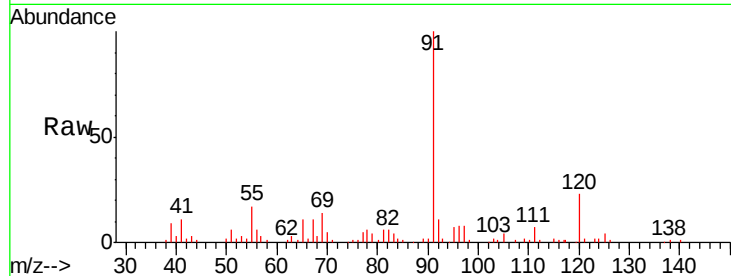




#78
n-propylbenzene
Concen: 26.69 ug/l
RT: 12.81 min Scan# 1789
Delta R.T. -0.00 min
Lab File: VW006968.D
Acq: 20 Nov 2018 02:30

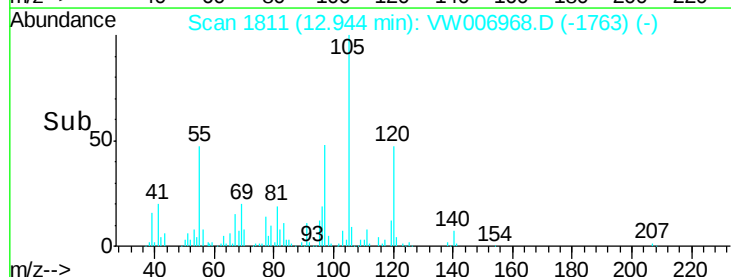
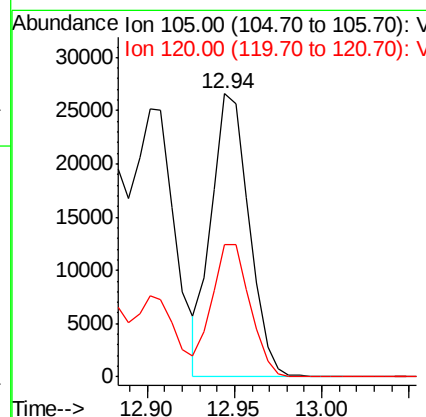
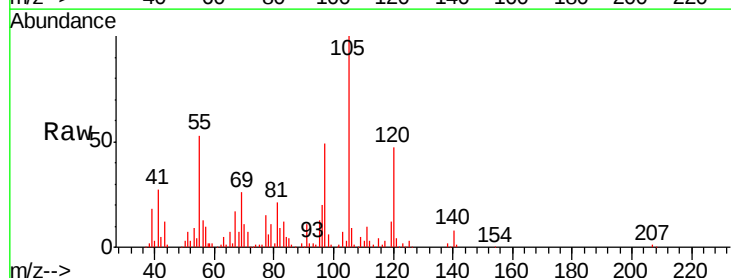
Instrument :
MSVOA_W
ClientSampleId :
20180927-WCC-3-COMPOSITE

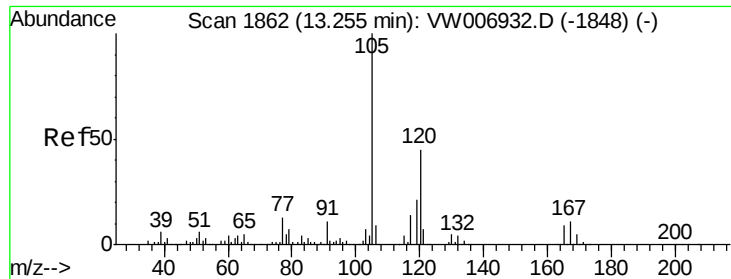
Tgt Ion: 91 Resp: 24482
Ion Ratio Lower Upper
91 100
120 22.1 11.5 34.5



#80
1,3,5-Trimethylbenzene
Concen: 60.75 ug/l
RT: 12.94 min Scan# 1811
Delta R.T. -0.01 min
Lab File: VW006968.D
Acq: 20 Nov 2018 02:30

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

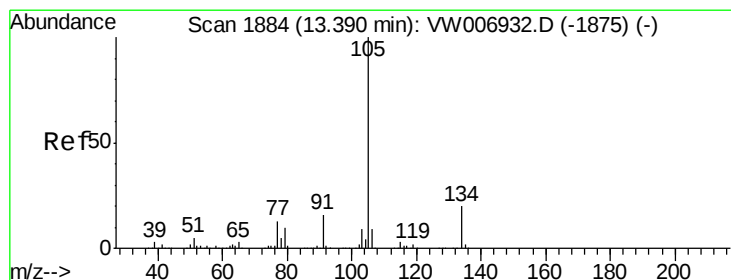
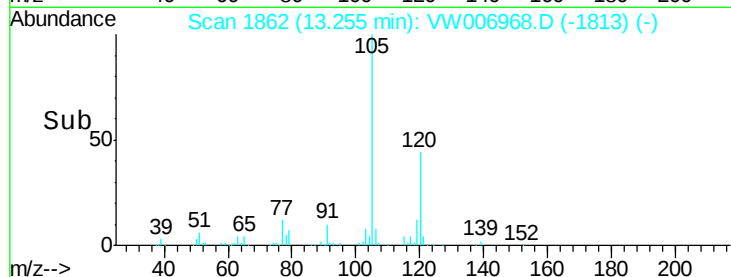
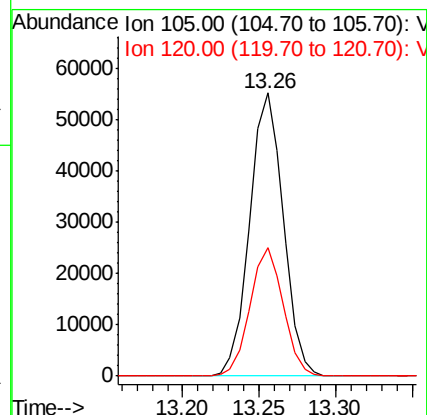
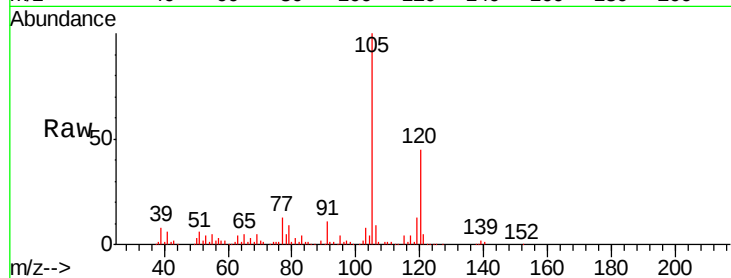




#84
 1,2,4-Trimethylbenzene
 Concen: 128.36 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. -0.00 min
 Lab File: VW006968.D
 Acq: 20 Nov 2018 02:30

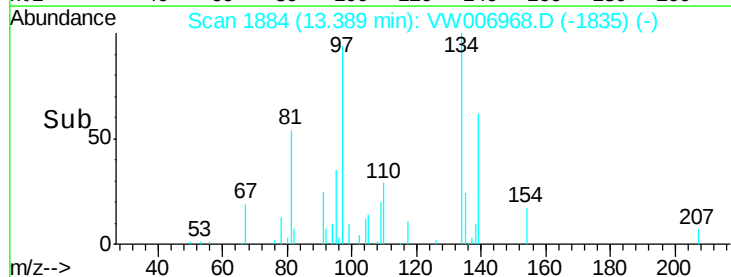
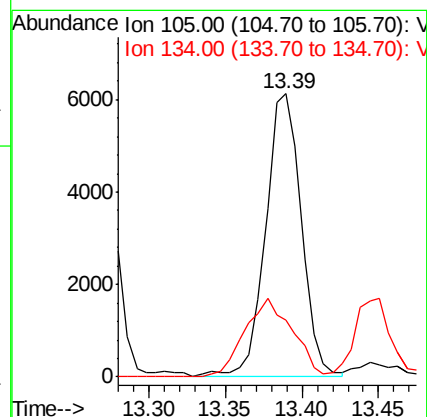
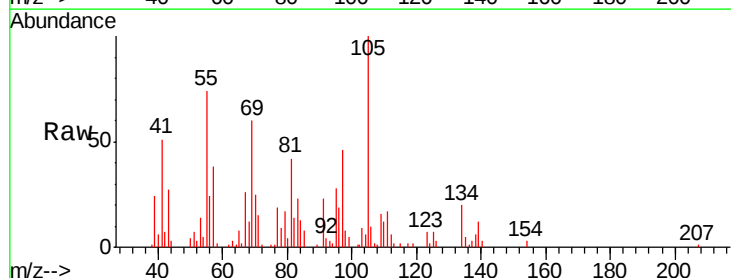
Instrument :
 MSVOA_W
 ClientSampleId :
 20180927-WCC-3-COMPOSITE

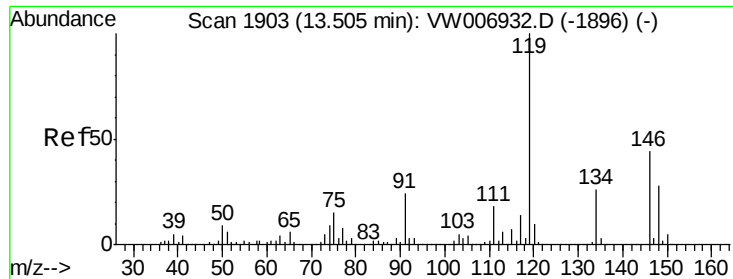
Tgt Ion:105 Resp: 84764
 Ion Ratio Lower Upper
 105 100
 120 44.8 21.9 65.8



#85
 sec-Butylbenzene
 Concen: 12.57 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#

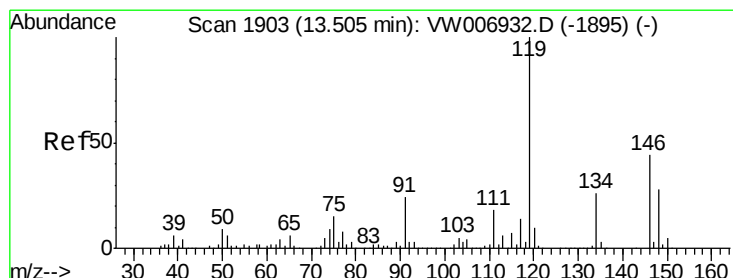
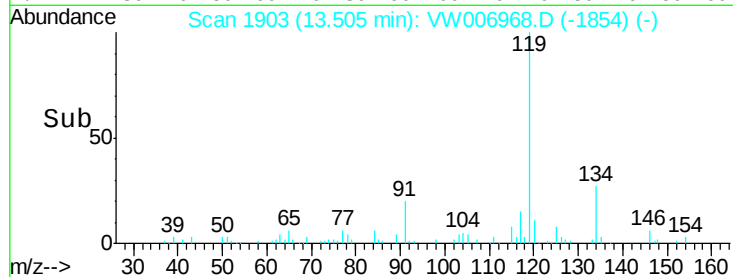
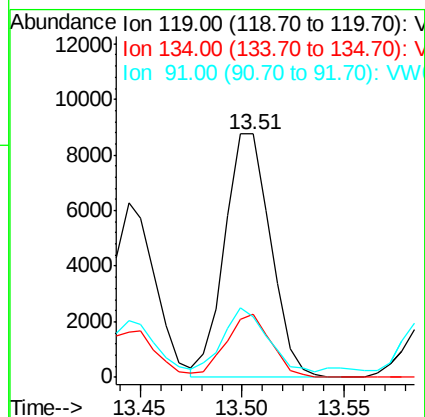
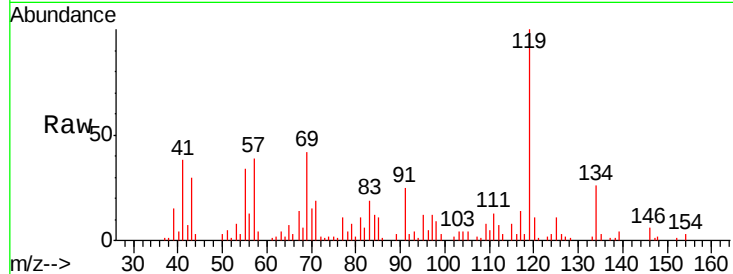




#86
p-Isopropyltoluene
Concen: 19.66 ug/l
RT: 13.51 min Scan# 1903
Delta R.T. -0.00 min
Lab File: VW006968.D
Acq: 20 Nov 2018 02:30

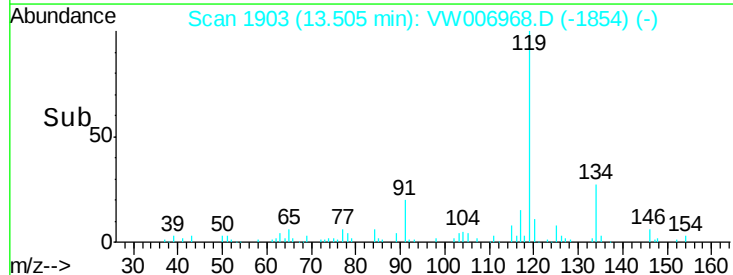
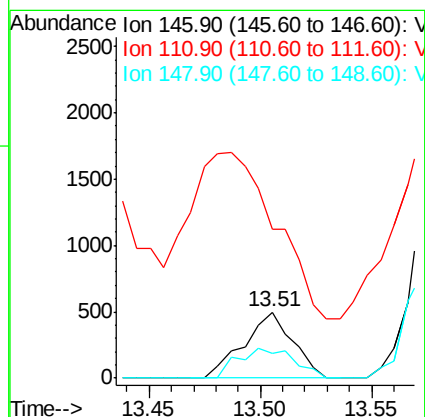
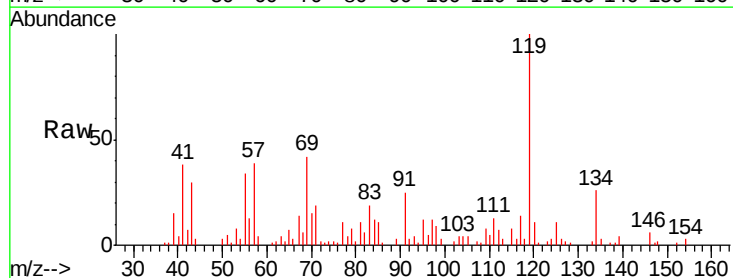
Instrument :
MSVOA_W
ClientSampleId :
20180927-WCC-3-COMPOSITE

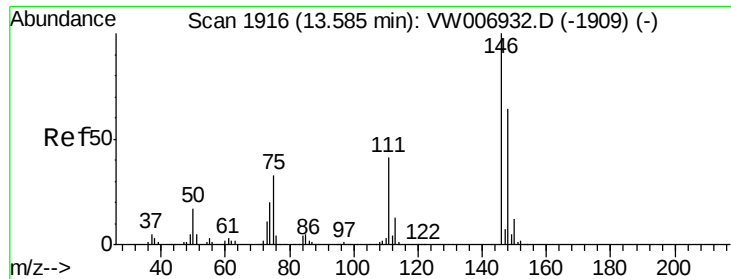
Tgt Ion:119 Resp: 13684
Ion Ratio Lower Upper
119 100
134 25.4 12.7 38.1
91 24.2 12.4 37.2



#87
1,3-Dichlorobenzene
Concen: 2.31 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:146 Resp: 764
Ion Ratio Lower Upper
146 100
111 438.4 21.3 63.9#
148 51.3 31.9 95.9

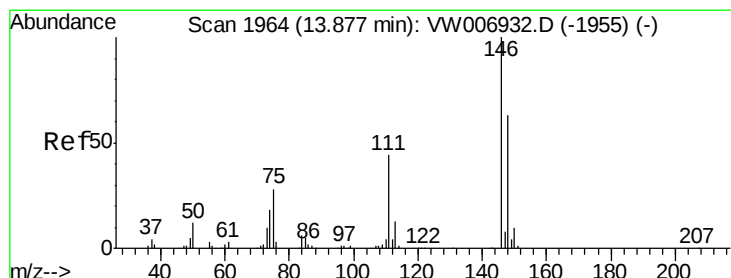
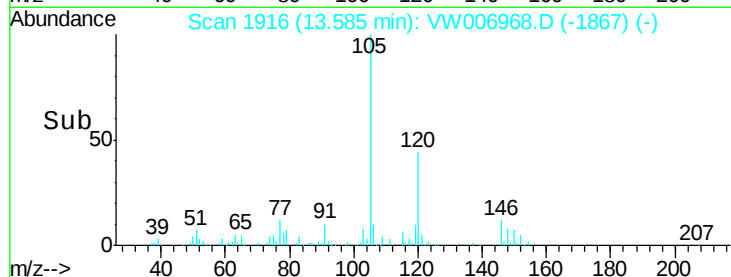
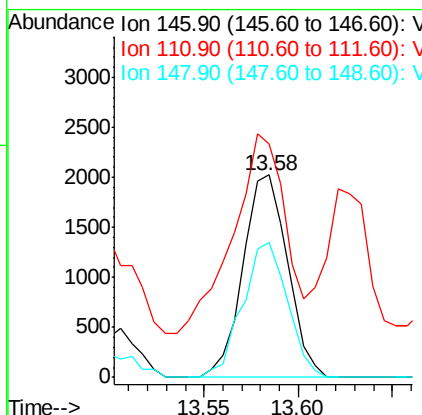
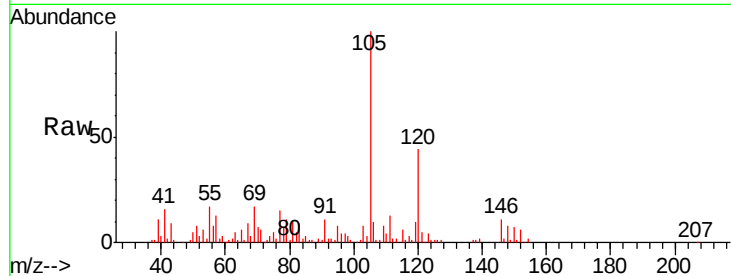




#88
 1,4-Dichlorobenzene
 Concen: 10.08 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. -0.00 min
 Lab File: VW006968.D
 Acq: 20 Nov 2018 02:30

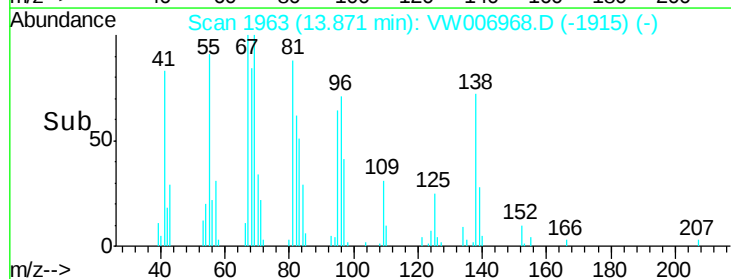
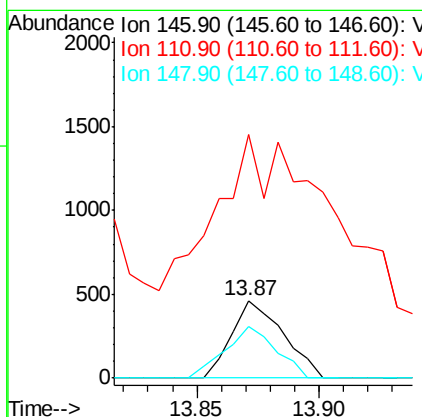
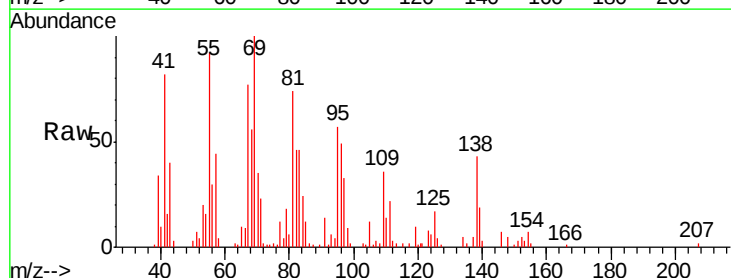
Instrument :
 MSVOA_W
 ClientSampleId :
 20180927-WCC-3-COMPOSITE

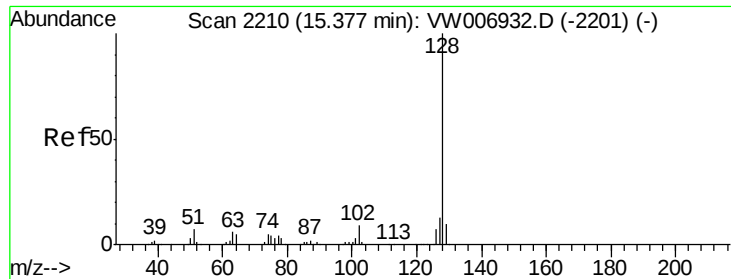
Tgt Ion:146 Resp: 3322
 Ion Ratio Lower Upper
 146 100
 111 114.8 20.7 62.1#
 148 67.4 31.9 95.9



#91
 1,2-Dichlorobenzene
 Concen: 2.28 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

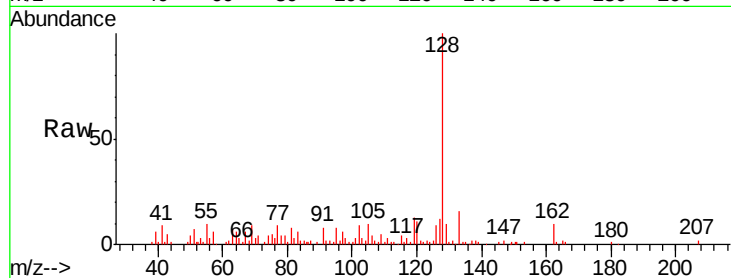




#95
 Naphthalene
 Concen: 74.55 ug/l
 RT: 15.38 min Scan# 2210
 Delta R.T. -0.00 min
 Lab File: VW006968.D
 Acq: 20 Nov 2018 02:30

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

Tgt 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

