

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW112118\
 Data File : VW006990.D
 Acq On : 20 Nov 2018 22:14
 Operator : SY/AP
 Sample : J5993-04RE
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 20180928-AMENDED-WCC-1-COMP

Quant Time: Nov 21 06:01:23 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W112118S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 21 03:23:02 2018
 Response via : Initial Calibration

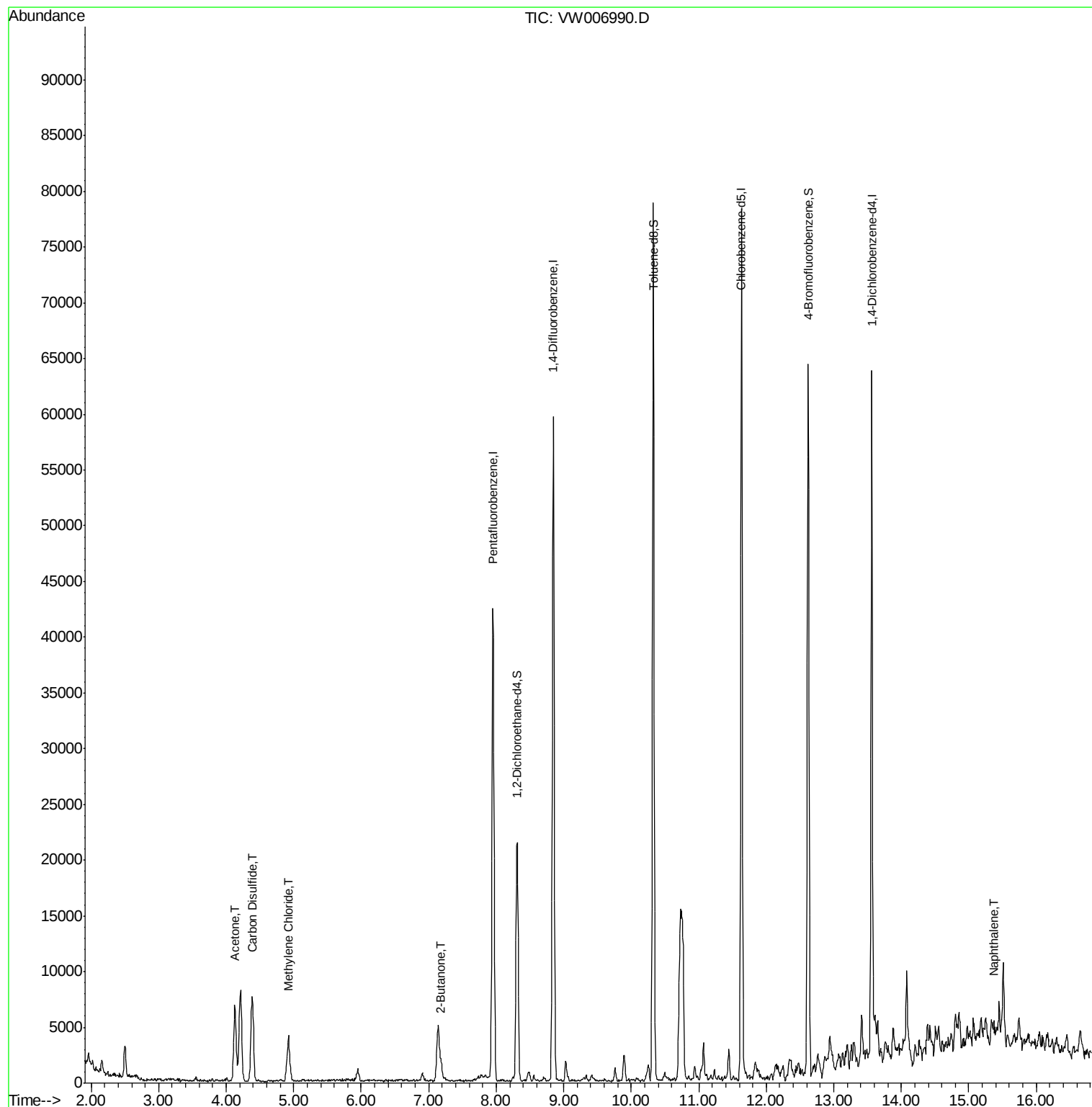
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	31953	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	51699	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	44247	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	16071	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	18053	57.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.42%	
35) Dibromofluoromethane	0.00	113	0	0.00	ug/l	
Spiked Amount 50.000			Recovery	=	0.00%	
50) Toluene-d8	10.32	98	54145	42.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.00%	
62) 4-Bromofluorobenzene	12.62	95	18377	36.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	72.44%	
Target Compounds						
16) Acetone	4.13	43	11961	263.35	ug/l	96
17) Carbon Disulfide	4.39	76	15362	16.43	ug/l	99
20) Methylene Chloride	4.93	84	2950	3.08	ug/l	88
25) 2-Butanone	7.18	43	2801	36.01	ug/l	94
95) Naphthalene	15.38	128	1800	3.13	ug/l #	89

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

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW006990.D

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ClientSampleId :

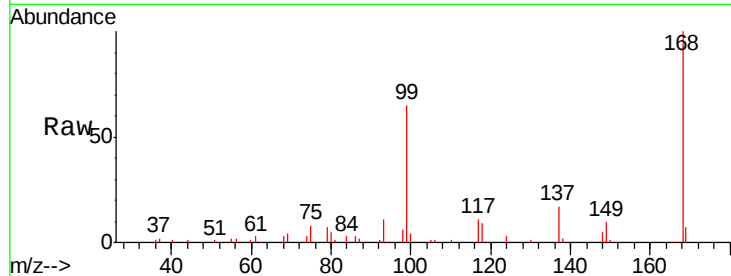
20180928-AMENDED-WCC-1-COMP

Tgt Ion:168 Resp: 31953

Ion Ratio Lower Upper

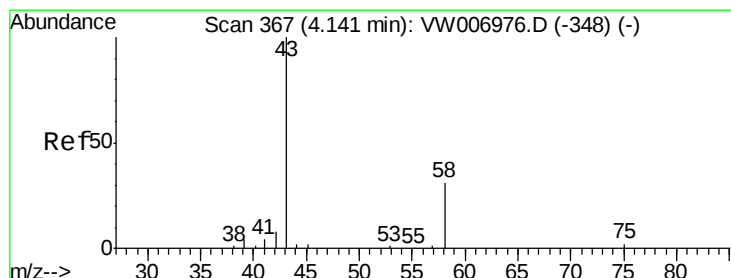
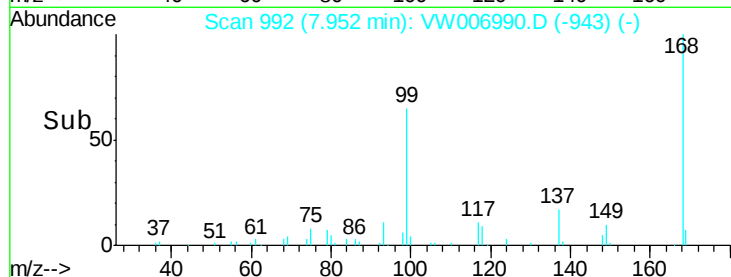
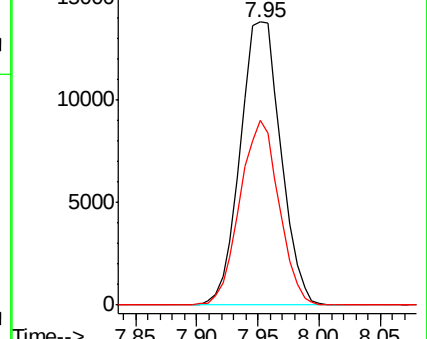
168 100

99 65.4 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 263.35 ug/l

RT: 4.13 min Scan# 365

Delta R.T. -0.01 min

Lab File: VW006990.D

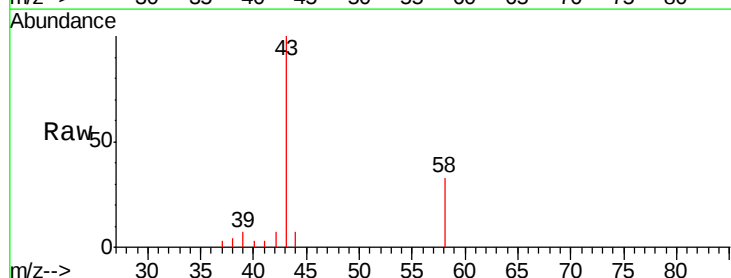
Acq: 20 Nov 2018 22:14

Tgt Ion: 43 Resp: 11961

Ion Ratio Lower Upper

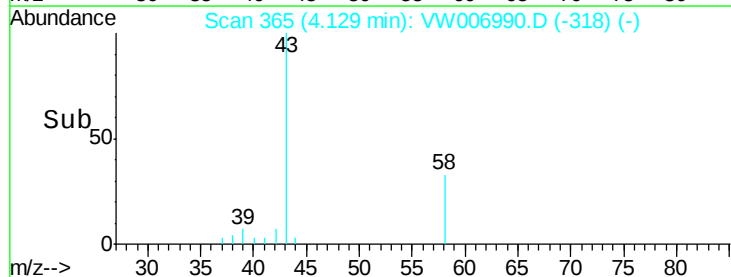
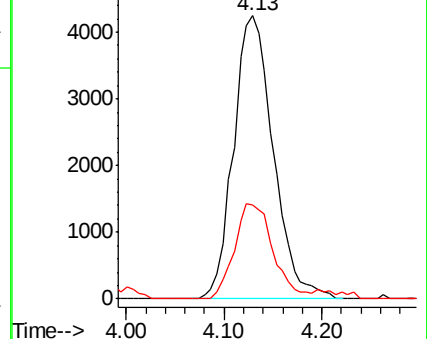
43 100

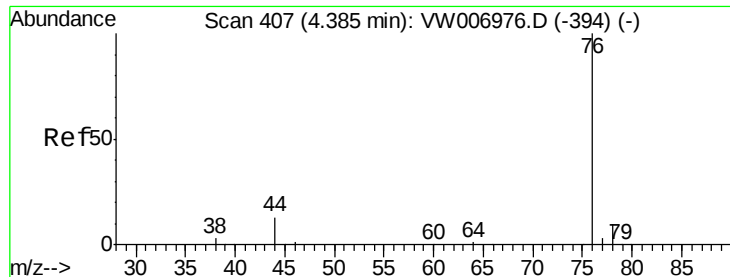
58 33.1 24.8 37.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

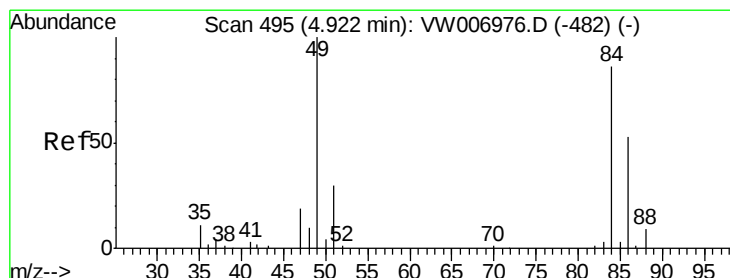
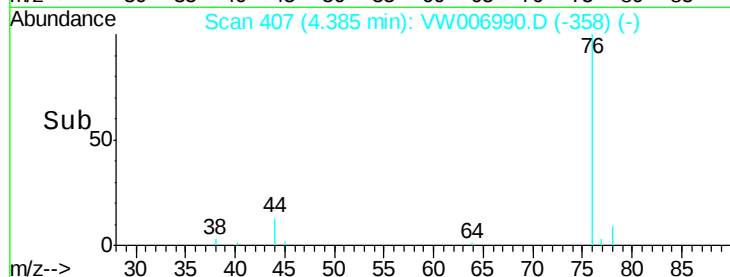
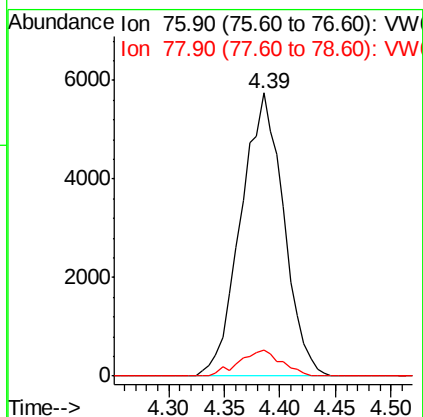
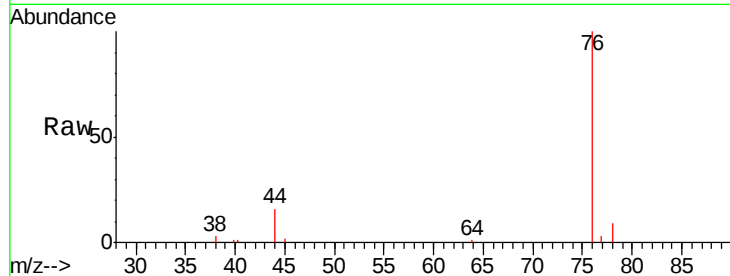




#17
Carbon Disulfide
Concen: 16.43 ug/l
RT: 4.39 min Scan# 407
Delta R.T. -0.00 min
Lab File: VW006990.D
Acq: 20 Nov 2018 22:14

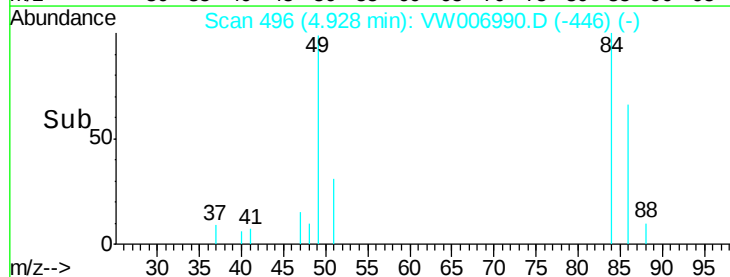
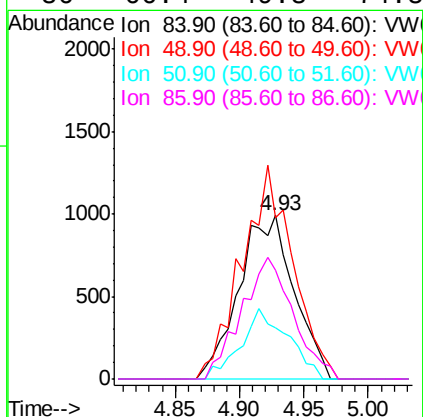
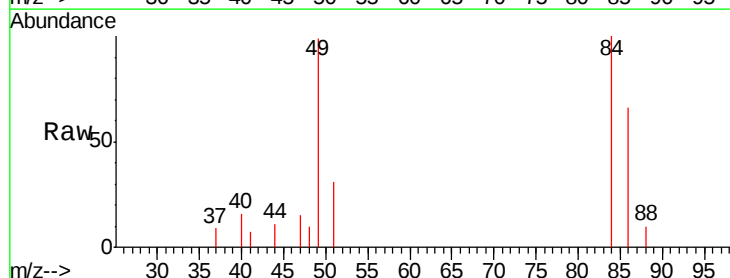
Instrument :
MSVOA_W
ClientSampleId :
20180928-AMENDED-WCC-1-COMP

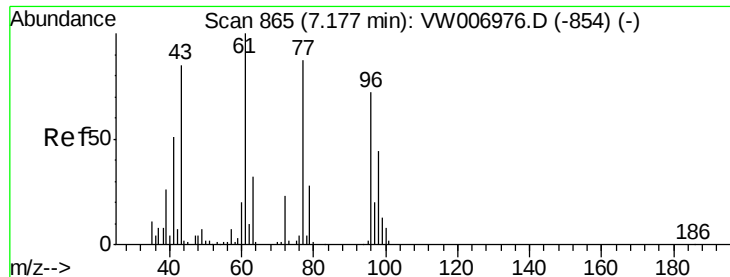
Tgt Ion: 76 Resp: 15362
Ion Ratio Lower Upper
76 100
78 9.3 7.8 11.6



#20
Methylene Chloride
Concen: 3.08 ug/l
RT: 4.93 min Scan# 496
Delta R.T. 0.01 min
Lab File: VW006990.D
Acq: 20 Nov 2018 22:14

Tgt Ion: 84 Resp: 2950
Ion Ratio Lower Upper
84 100
49 98.8 93.4 140.0
51 31.1 28.4 42.6
86 66.4 49.8 74.8





#25

2-Butanone

Concen: 36.01 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.00 min

Lab File: VW006990.D

Acq: 20 Nov 2018 22:14

Instrument :

MSVOA_W

ClientSampleId :

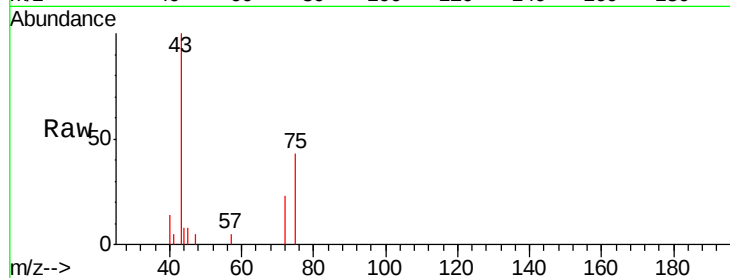
20180928-AMENDED-WCC-1-COMP

Tgt Ion: 43 Resp: 2801

Ion Ratio Lower Upper

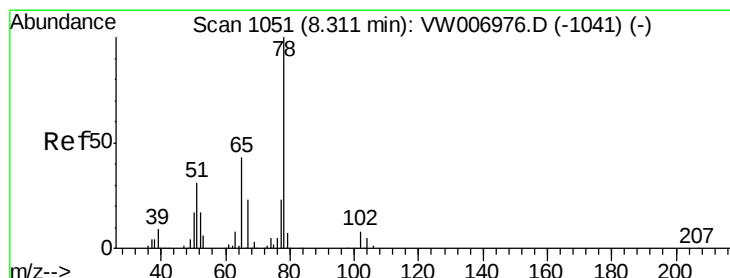
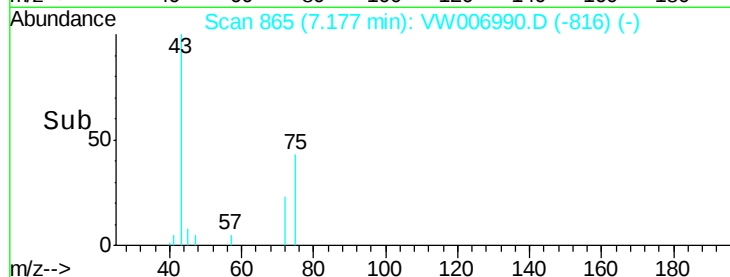
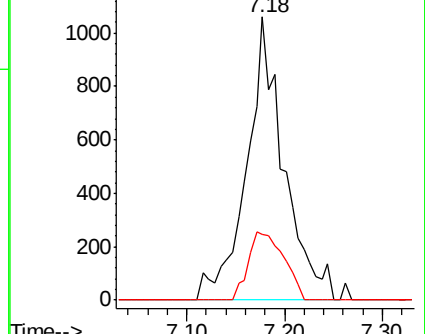
43 100

72 23.4 21.3 31.9



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



#33

1,2-Dichloroethane-d4

Concen: 57.71 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VW006990.D

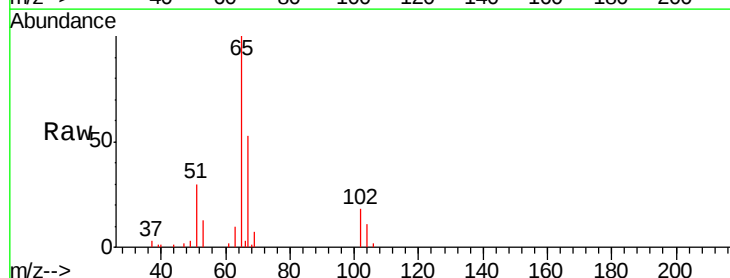
Acq: 20 Nov 2018 22:14

Tgt Ion: 65 Resp: 18053

Ion Ratio Lower Upper

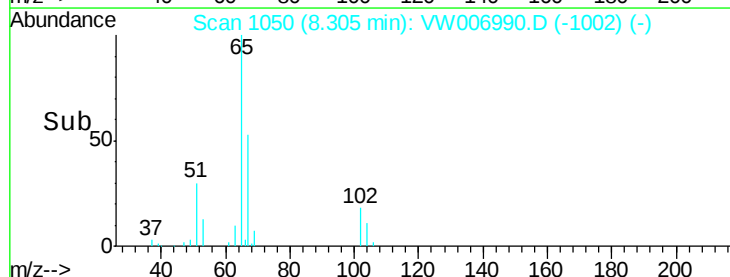
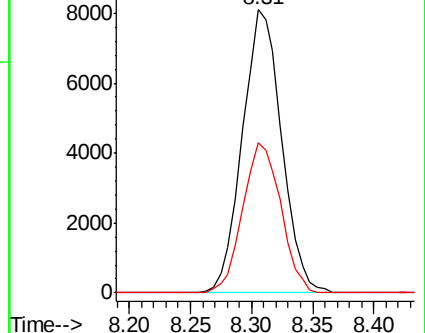
65 100

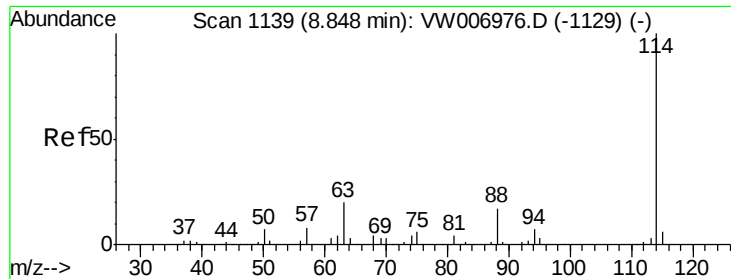
67 51.4 0.0 106.2



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

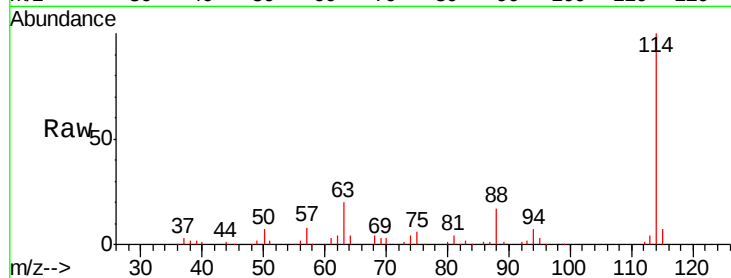




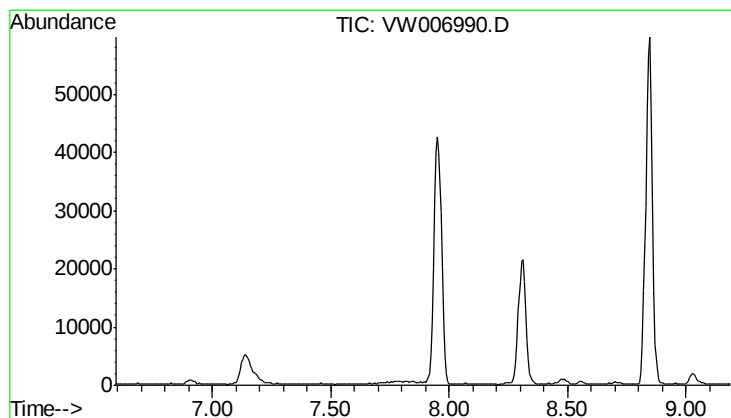
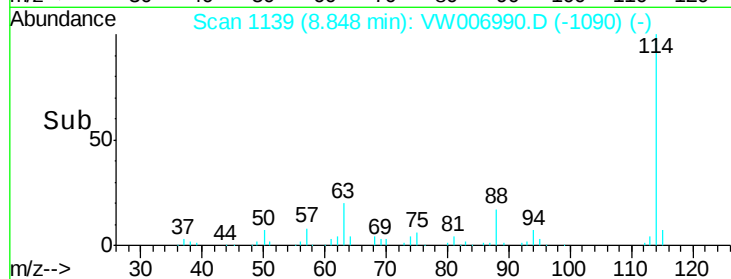
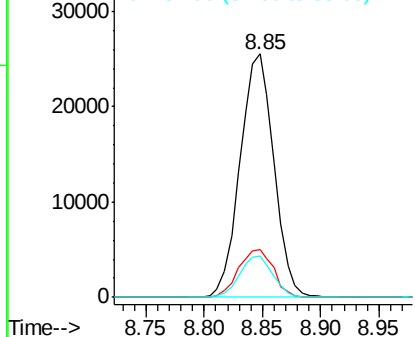
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW006990.D
 Acq: 20 Nov 2018 22:14

Instrument :
 MSVOA_W
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 20180928-AMENDED-WCC-1-COMP

Tgt Ion:114 Resp: 51699
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 39.4
 88 17.0 0.0 34.2



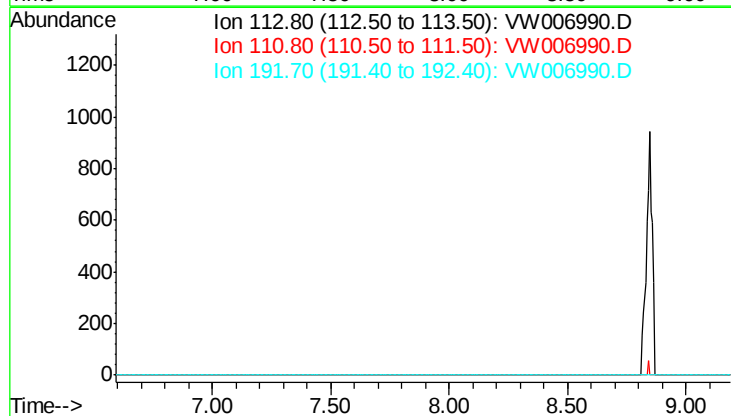
Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

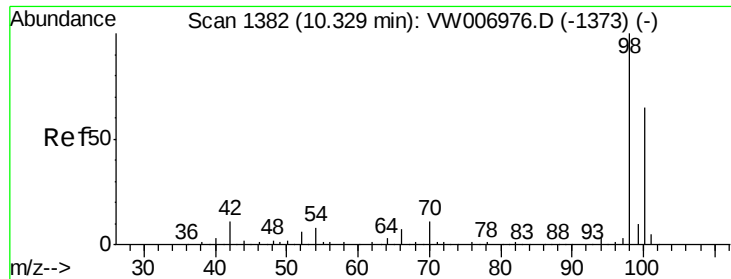


#35
 Dibromofluoromethane
 Concen: 0.00 ug/l
 Expected RT: 7.89 min

Lab File: VW006990.D
 Acq: 20 Nov 2018 22:14

Tgt Ion: 113
 Sig Exp Ratio
 113 100
 111 101.3
 192 18.8





#50

Toluene-d8

Concen: 42.00 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.01 min

Lab File: VW006990.D

Acq: 20 Nov 2018 22:14

Instrument :

MSVOA_W

ClientSampleId :

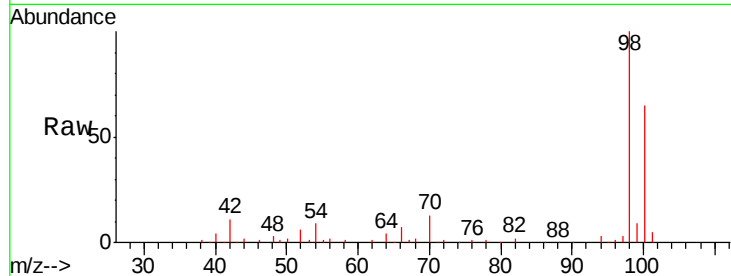
20180928-AMENDED-WCC-1-COMP

Tgt Ion: 98 Resp: 54145

Ion Ratio Lower Upper

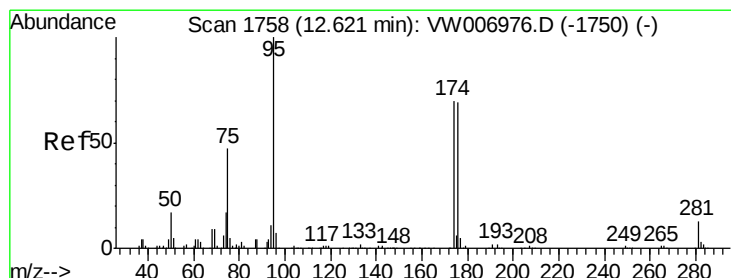
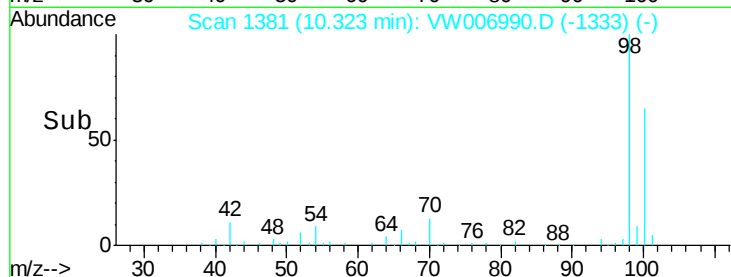
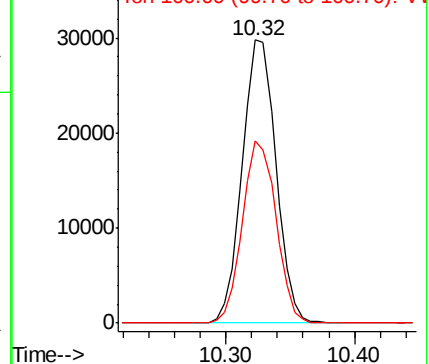
98 100

100 64.3 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#62

4-Bromofluorobenzene

Concen: 36.22 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW006990.D

Acq: 20 Nov 2018 22:14

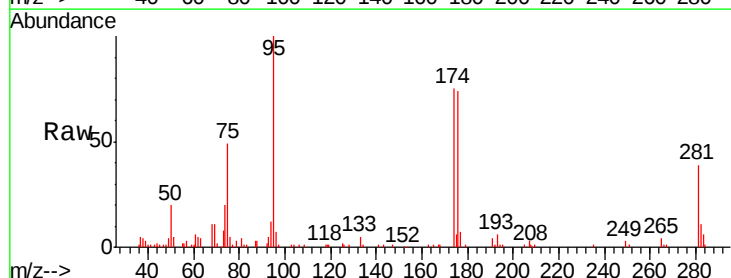
Tgt Ion: 95 Resp: 18377

Ion Ratio Lower Upper

95 100

174 74.6 0.0 143.6

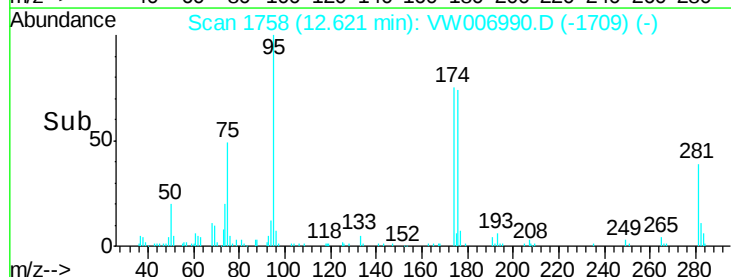
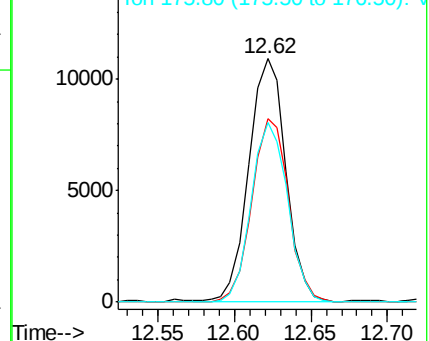
176 72.6 0.0 140.4

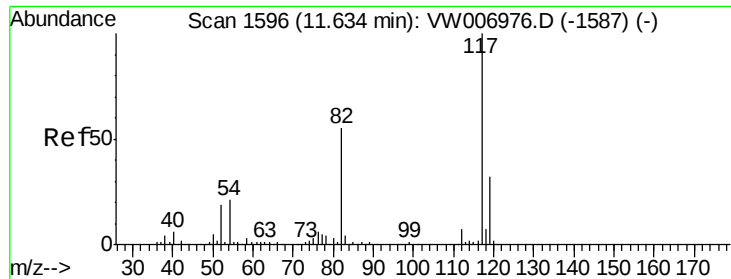


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW

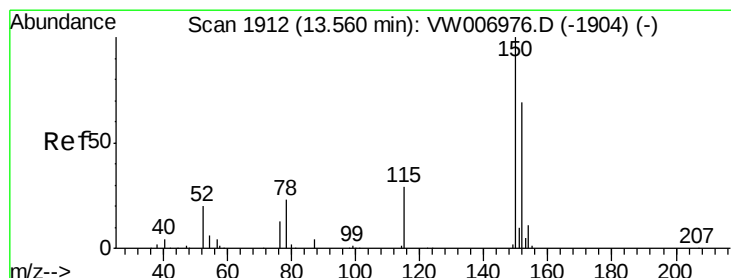
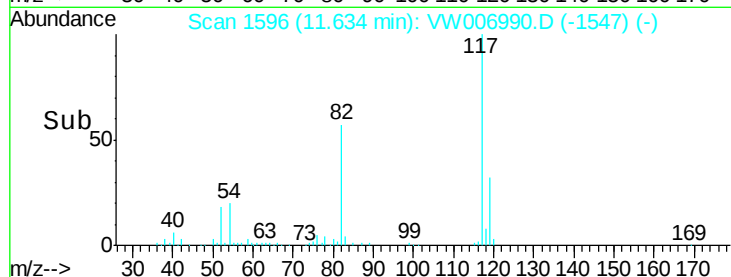
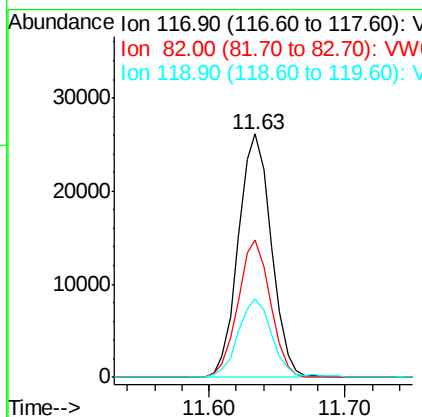
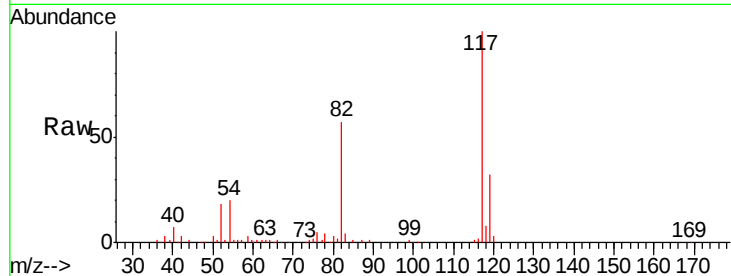




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006990.D
Acq: 20 Nov 2018 22:14

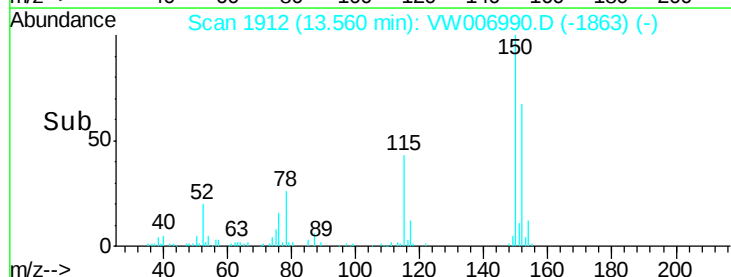
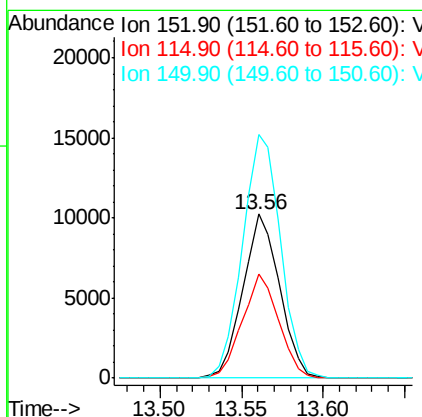
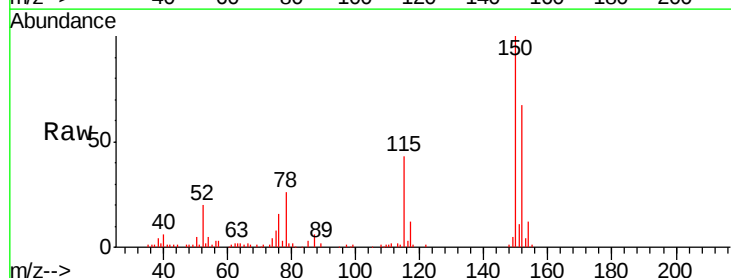
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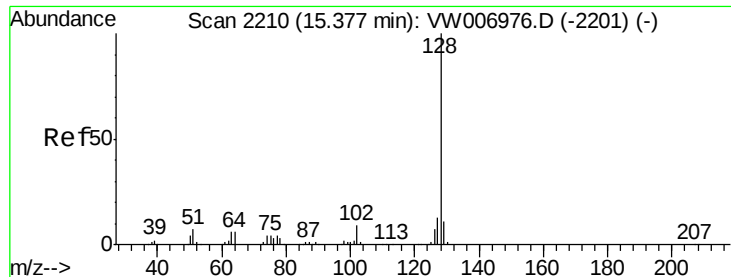
Tgt Ion:117 Resp: 44247
Ion Ratio Lower Upper
117 100
82 56.6 44.2 66.2
119 32.1 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW006990.D
Acq: 20 Nov 2018 22:14

Tgt Ion:152 Resp: 16071
Ion Ratio Lower Upper
152 100
115 62.8 31.4 94.2
150 153.7 0.0 353.4





#95
Naphthalene
Concen: 3.13 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.00 min
Lab File: VW006990.D
Acq: 20 Nov 2018 22:14

Instrument :
MSVOA_W
ClientSampleId :
20180928-AMENDED-WCC-1-COMP

Tgt Ion:128 Resp: 1800
Ion Ratio Lower Upper
128 100
127 16.1 10.5 15.7#
129 16.6 8.7 13.1#

