

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091519\
 Data File : VW013014.D
 Acq On : 15 Sep 2019 01:51
 Operator : SY/VA
 Sample : K4764-01
 Misc : 3.11G/5ML/MSVOA W/SOIL
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ROLL-OFF-VOC-1

Quant Time: Sep 16 09:28:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091419S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 13 17:26:01 2019
 Response via : Initial Calibration

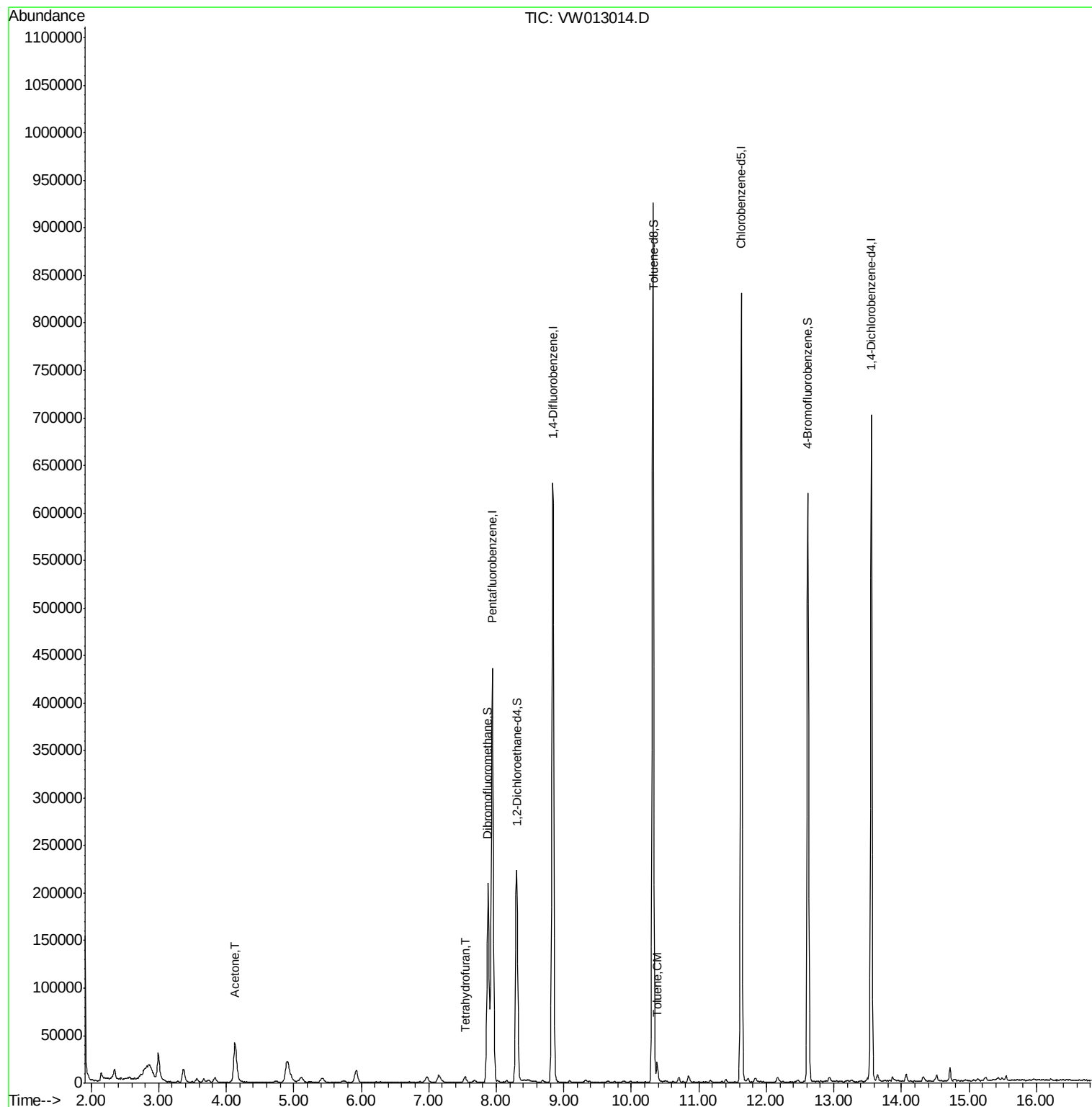
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	338669	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	519884	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	449164	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	185569	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	188562	60.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	120.56%	
35) Dibromofluoromethane	7.88	113	145678	51.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.28%	
50) Toluene-d8	10.32	98	610297	55.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.58%	
62) 4-Bromofluorobenzene	12.62	95	201808	50.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.68%	
Target Compounds						
16) Acetone	4.13	43	88335	119.986	ug/l	99
29) Tetrahydrofuran	7.54	42	4764	8.407	ug/l	97
52) Toluene	10.39	92	8100	1.099	ug/l	96

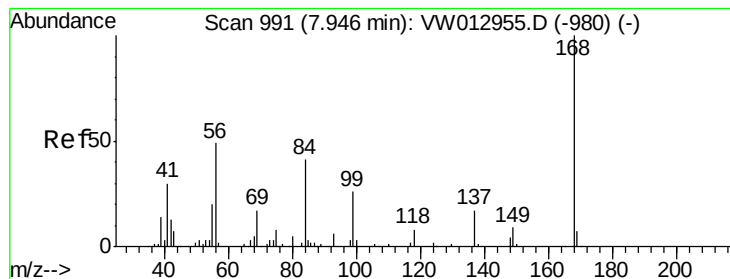
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

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Acq: 15 Sep 2019 01:51

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MSVOA_W

ClientSampleId :

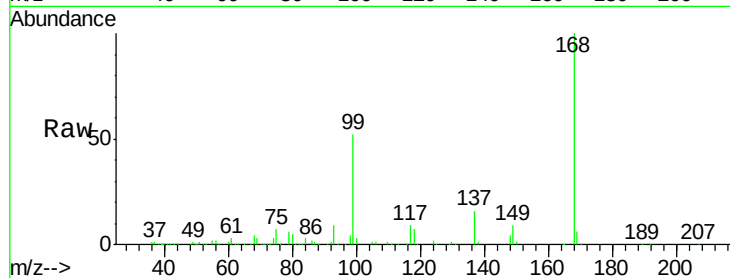
ROLL-OFF-VOC-1

Tot Ion:168 Resp: 338669

Ion Ratio Lower Upper

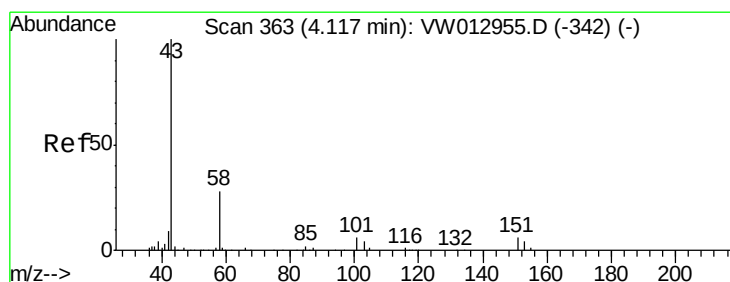
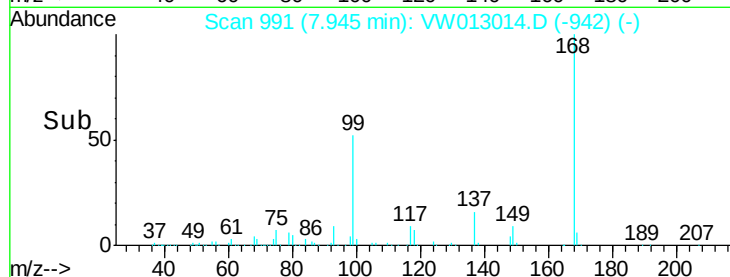
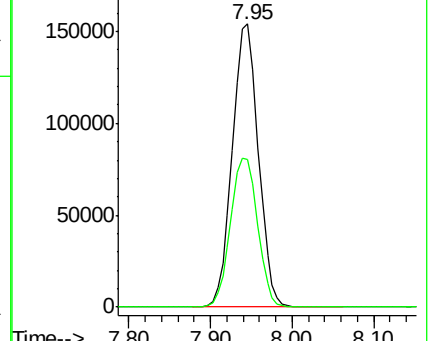
168 100

99 52.1 46.2 69.2



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 119.986 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW013014.D

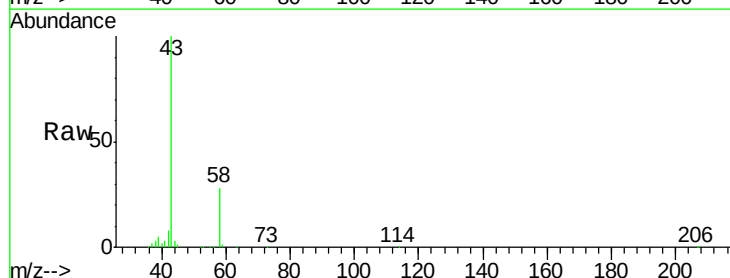
Acq: 15 Sep 2019 01:51

Tgt Ion: 43 Resp: 88335

Ion Ratio Lower Upper

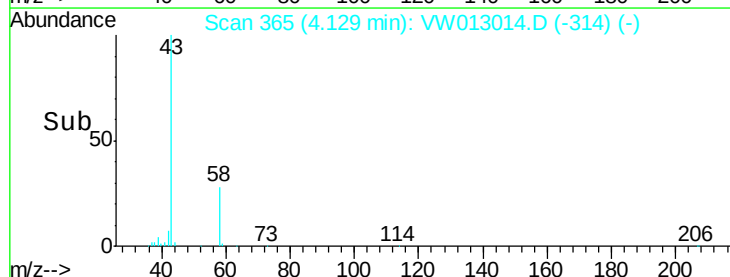
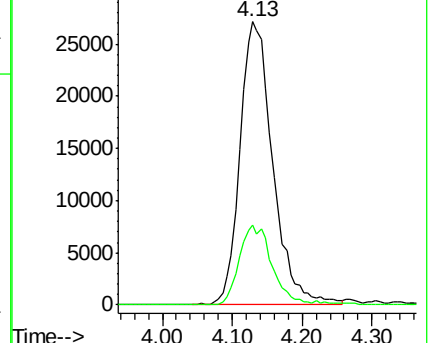
43 100

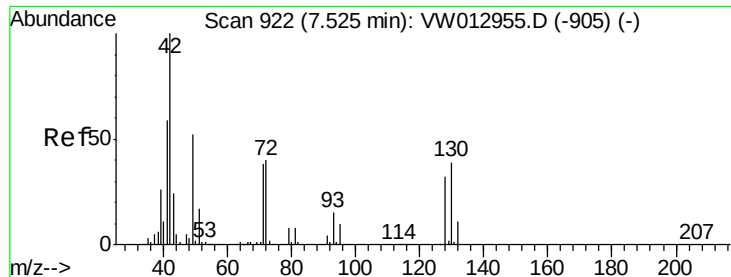
58 28.3 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

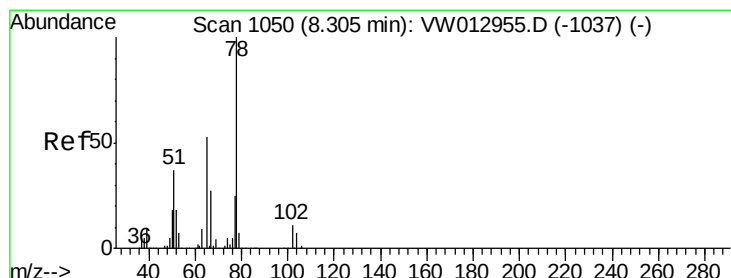
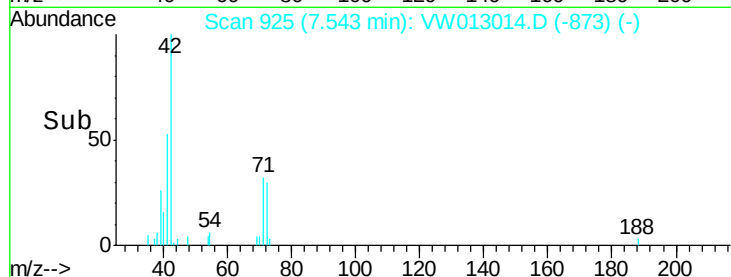
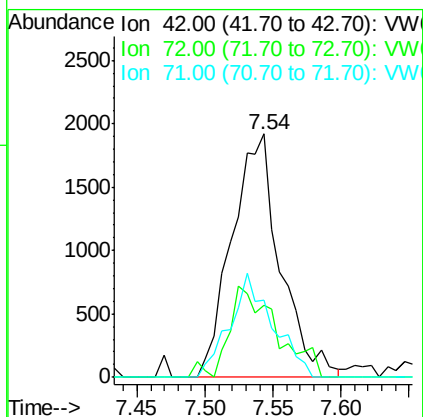
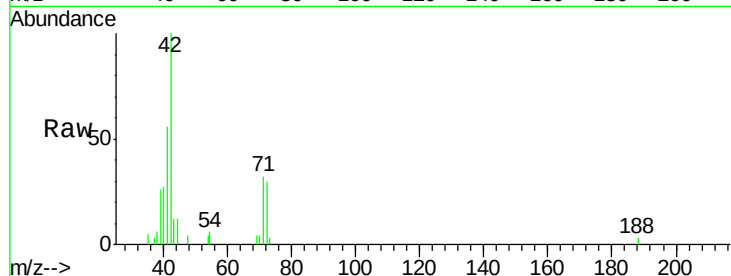




#29
Tetrahydrofuran
Concen: 8.407 ug/l
RT: 7.54 min Scan# 925
Delta R.T. 0.02 min
Lab File: VW013014.D
Acq: 15 Sep 2019 01:51

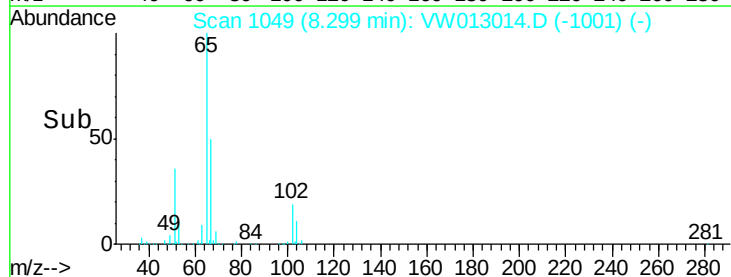
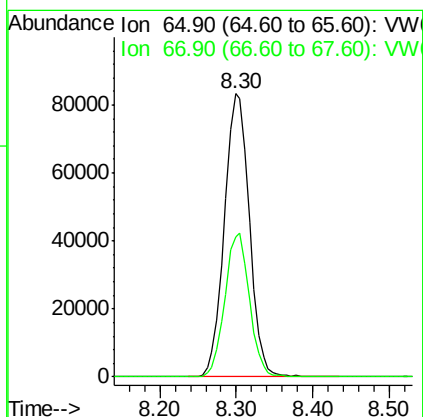
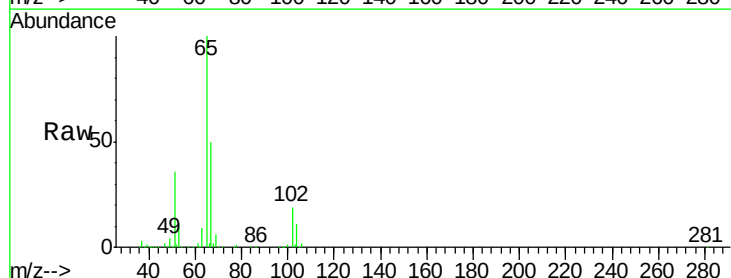
Instrument :
MSVOA_W
ClientSampleId :
ROLL-OFF-VOC-1

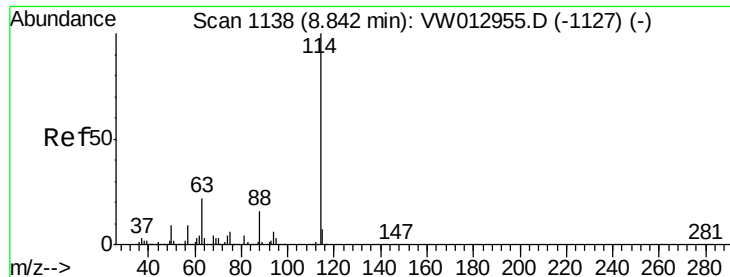
Tot Ion: 42 Resp: 4764
Ion Ratio Lower Upper
42 100
72 36.0 31.4 47.0
71 37.8 29.8 44.8



#33
1,2-Dichloroethane-d4
Concen: 60.285 ug/l
RT: 8.30 min Scan# 1049
Delta R.T. -0.01 min
Lab File: VW013014.D
Acq: 15 Sep 2019 01:51

Tgt Ion: 65 Resp: 188562
Ion Ratio Lower Upper
65 100
67 49.9 0.0 101.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1137

Delta R.T. -0.01 min

Lab File: VW013014.D

Acq: 15 Sep 2019 01:51

Instrument :

MSVOA_W

ClientSampleId :

ROLL-OFF-VOC-1

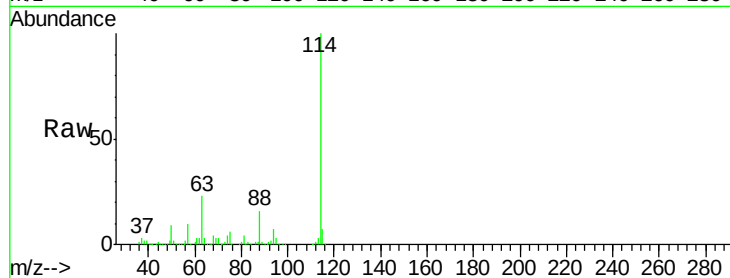
Tot Ion:114 Resp: 519884

Ion Ratio Lower Upper

114 100

63 22.7 0.0 43.4

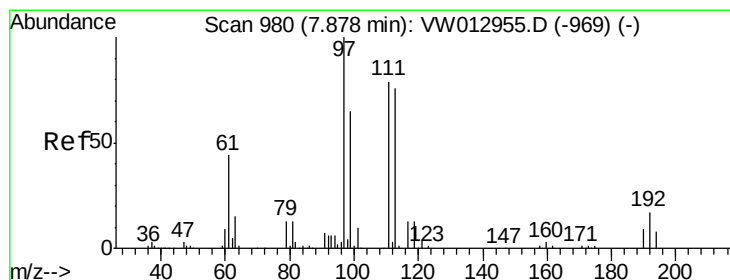
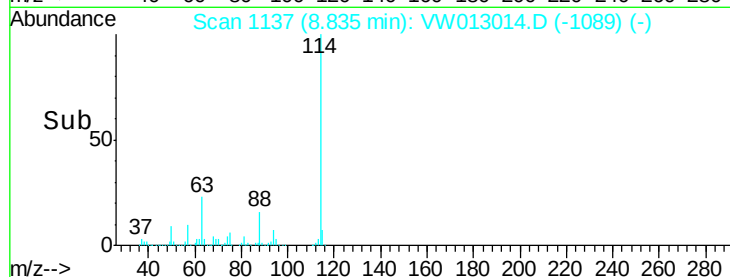
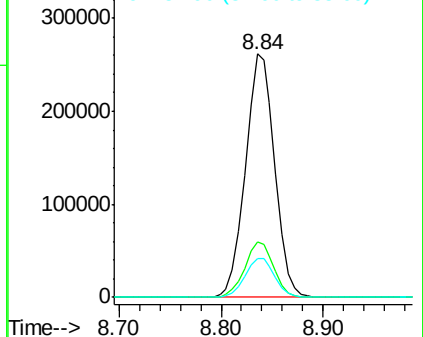
88 16.2 0.0 31.6



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: 51.641 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.00 min

Lab File: VW013014.D

Acq: 15 Sep 2019 01:51

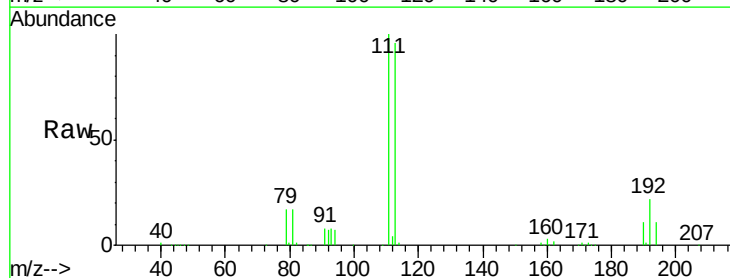
Tgt Ion:113 Resp: 145678

Ion Ratio Lower Upper

113 100

111 103.9 82.8 124.2

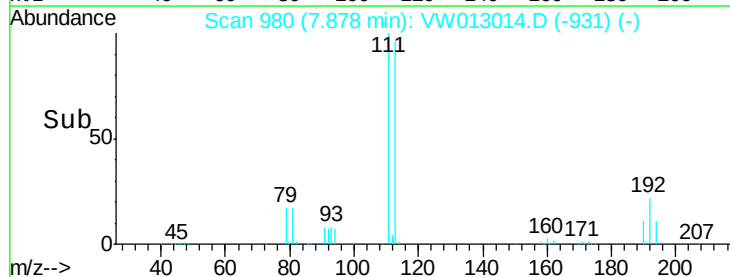
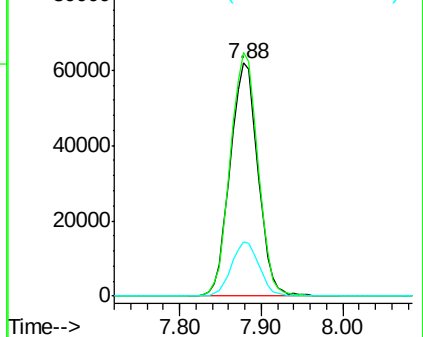
192 23.1 17.8 26.8

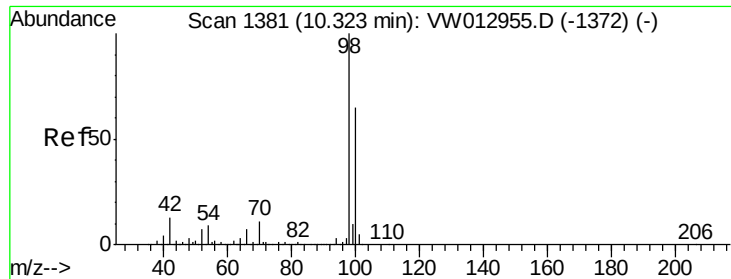


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

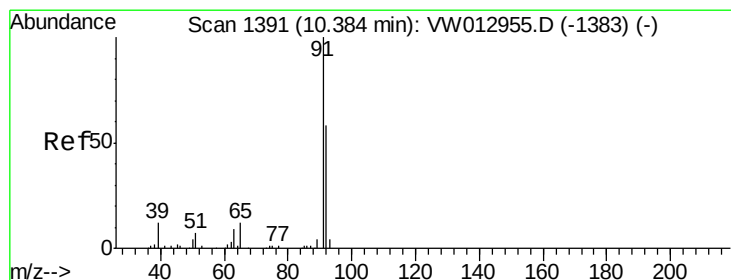
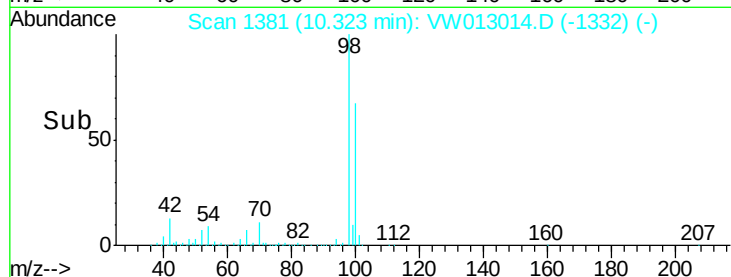
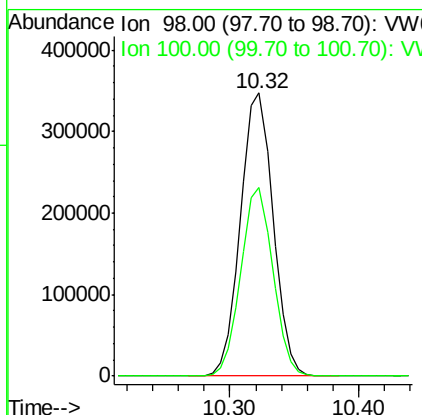
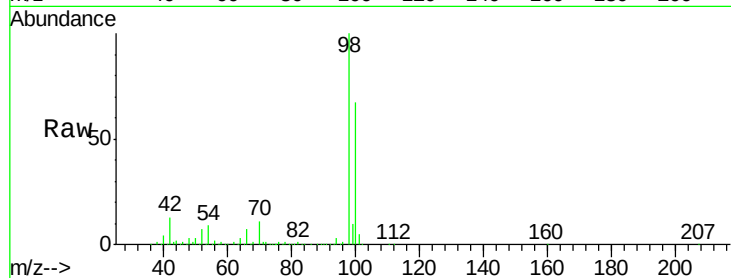




#50
Toluene-d8
Concen: 55.287 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW013014.D
Acq: 15 Sep 2019 01:51

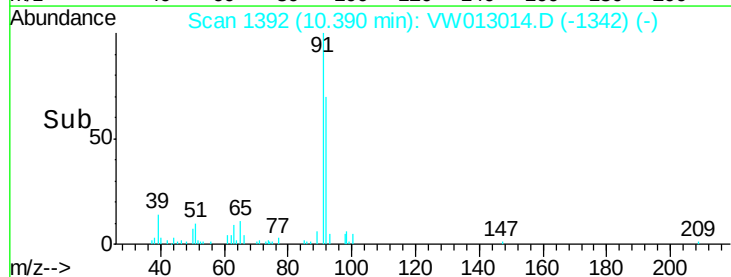
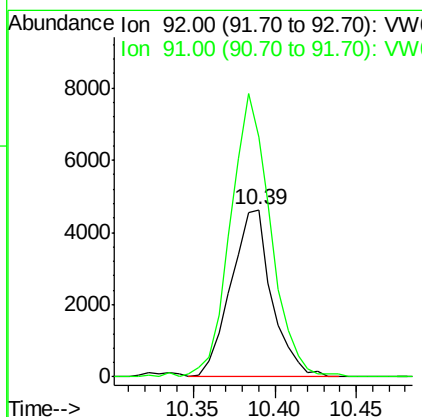
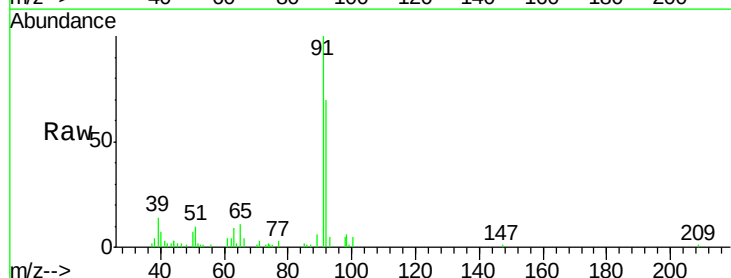
Instrument :
MSVOA_W
ClientSampleId :
ROLL-OFF-VOC-1

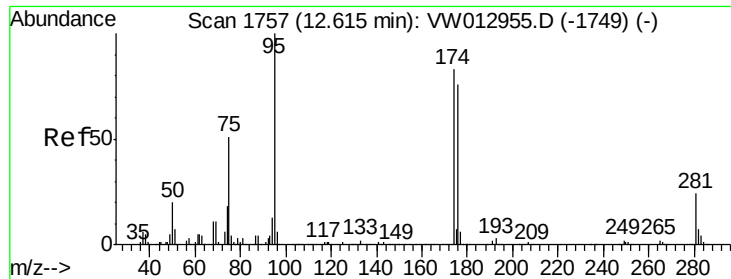
Tot Ion: 98 Resp: 610297
Ion Ratio Lower Upper
98 100
100 65.5 52.1 78.1



#52
Toluene
Concen: 1.099 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. 0.01 min
Lab File: VW013014.D
Acq: 15 Sep 2019 01:51

Tgt Ion: 92 Resp: 8100
Ion Ratio Lower Upper
92 100
91 165.9 137.5 206.3





#62

4-Bromofluorobenzene

Concen: 50.842 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW013014.D

Acq: 15 Sep 2019 01:51

Instrument :

MSVOA_W

ClientSampleId :

ROLL-OFF-VOC-1

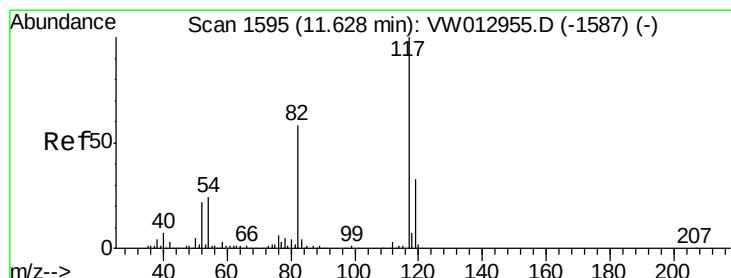
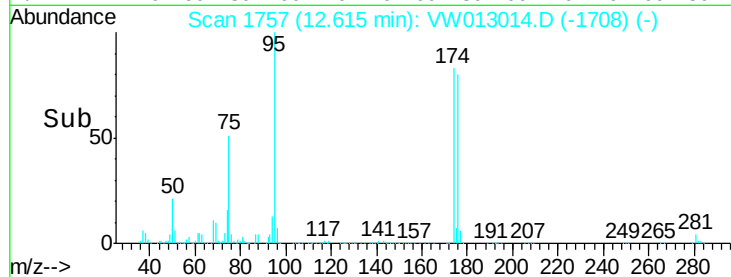
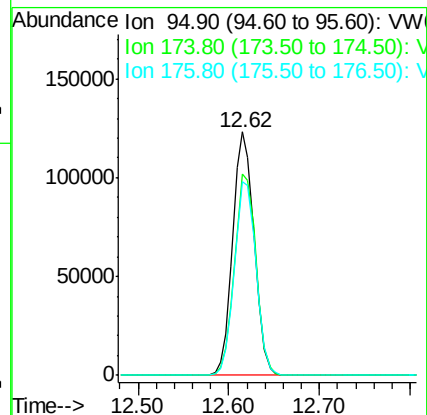
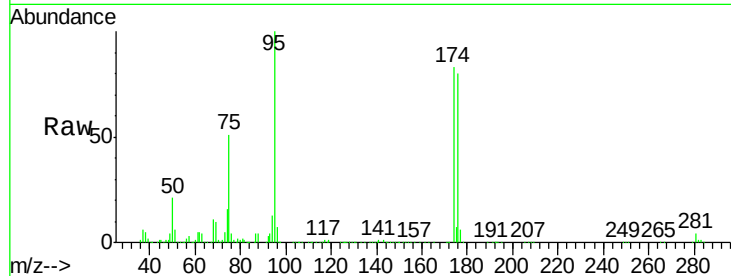
Tot Ion: 95 Resp: 201808

Ion Ratio Lower Upper

95 100

174 83.5 0.0 170.4

176 80.6 0.0 164.6



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1595

Delta R.T. -0.00 min

Lab File: VW013014.D

Acq: 15 Sep 2019 01:51

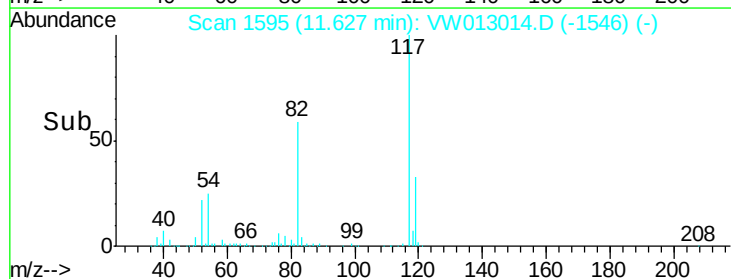
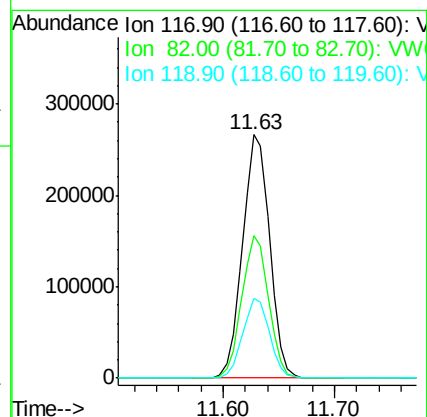
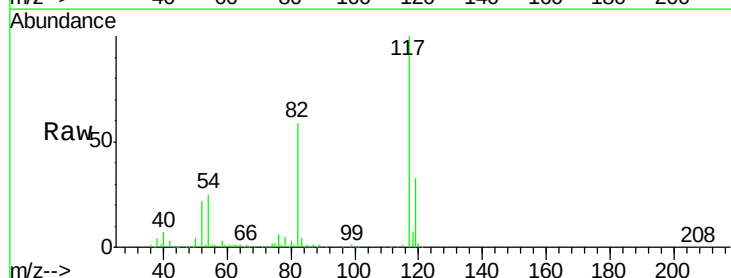
Tgt Ion: 117 Resp: 449164

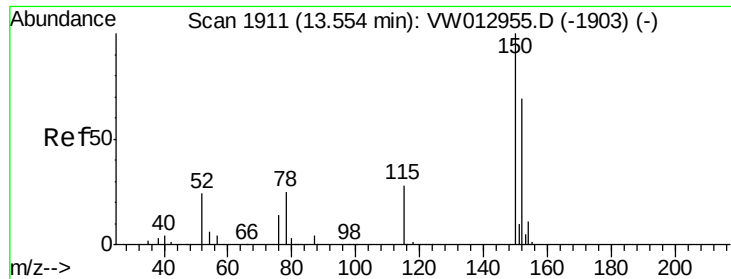
Ion Ratio Lower Upper

117 100

82 58.5 46.3 69.5

119 32.9 26.2 39.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.01 min

Lab File: VW013014.D

Acq: 15 Sep 2019 01:51

Instrument :

MSVOA_W

ClientSampleId :

ROLL-OFF-VOC-1

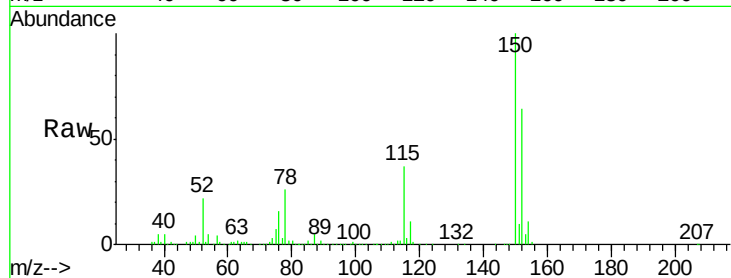
Tot Ion:152 Resp: 185569

Ion Ratio Lower Upper

152 100

115 58.8 28.8 86.4

150 158.5 0.0 340.2



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

