

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091519\
 Data File : VW013026.D
 Acq On : 15 Sep 2019 07:01
 Operator : SY/VA
 Sample : K4857-01
 Misc : 5.67G/5ML/MSVOA W/SOIL
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ROLL-OFF-SOIL

Quant Time: Sep 16 09:03:35 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

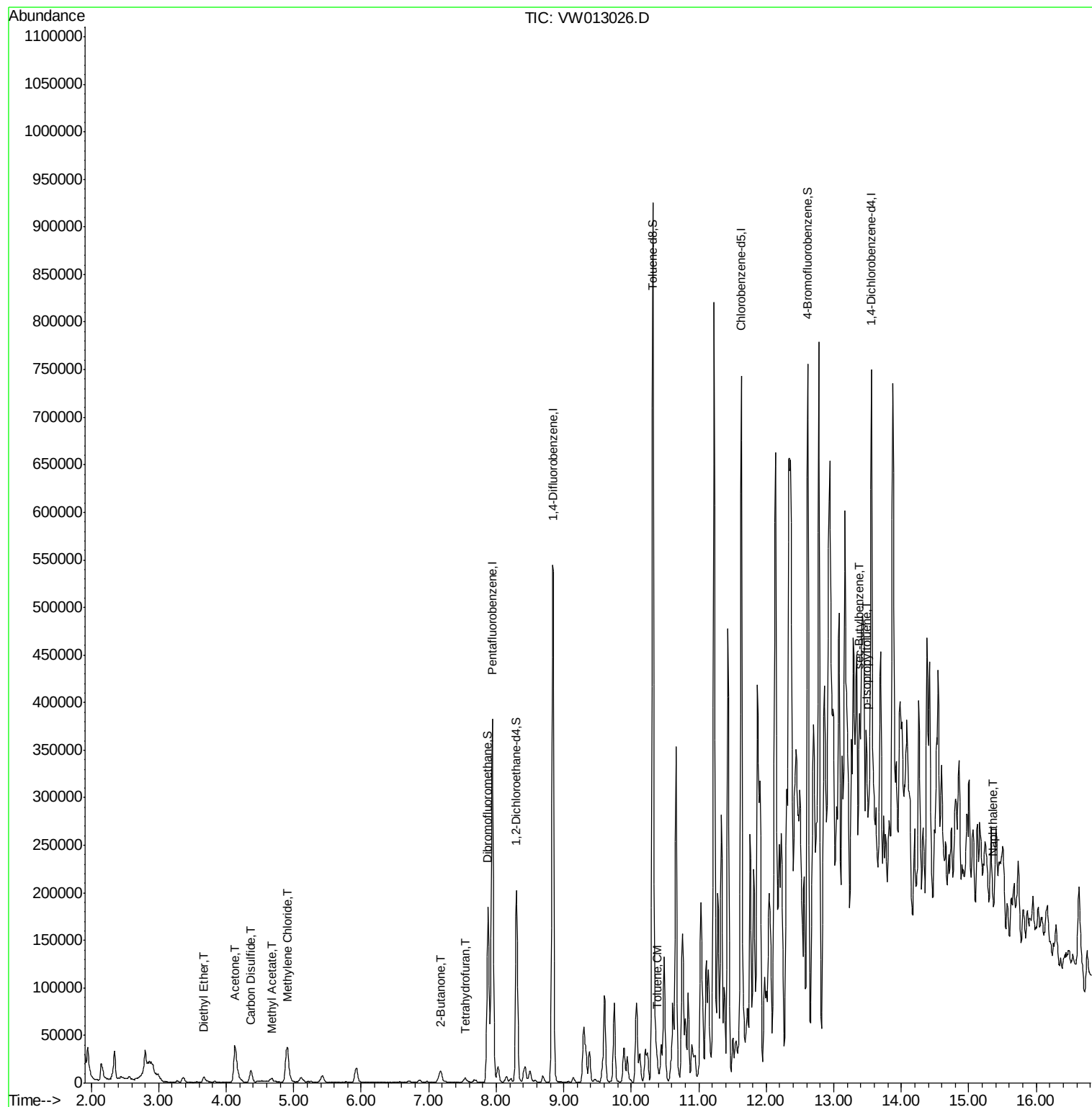
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.94	168	294144	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	452951	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	392394	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	147301	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	159260	58.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	117.24%	
35) Dibromofluoromethane	7.88	113	131488	53.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.00%	
50) Toluene-d8	10.32	98	565198	58.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	117.54%	
62) 4-Bromofluorobenzene	12.62	95	188074	54.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.76%	
Target Compounds						
					Qvalue	
8) Diethyl Ether	3.67	74	2984	2.596	ug/l	98
16) Acetone	4.13	43	84169	133.691	ug/l	97
17) Carbon Disulfide	4.37	76	27601	6.822	ug/l	96
18) Methyl Acetate	4.68	43	8894	5.746	ug/l	100
20) Methylene Chloride	4.90	84	29041	8.977	ug/l	92
25) 2-Butanone	7.18	43	18030	20.872	ug/l	96
29) Tetrahydrofuran	7.54	42	4016	8.159	ug/l	95
52) Toluene	10.38	92	8751	1.363	ug/l	98
85) sec-Butylbenzene	13.38	105	14065	1.397	ug/l #	54
86) p-Isopropyltoluene	13.49	119	11530	1.248	ug/l	92
95) Naphthalene	15.36	128	22372	4.795	ug/l #	88

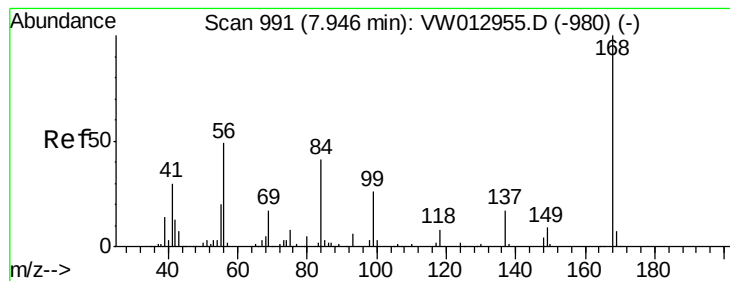
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW091519\
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Quant Time: Sep 16 09:03:35 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W091419S.M
Quant Title : SW846 8260
QLast Update : Fri Sep 13 17:26:01 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.94 min Scan# 990

Delta R.T. -0.01 min

Lab File: VW013026.D

Acq: 15 Sep 2019 07:01

Instrument :

MSVOA_W

ClientSampled :

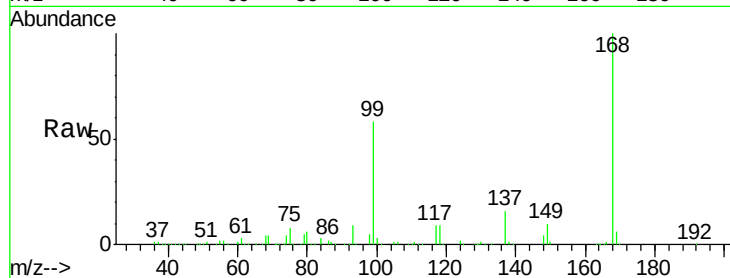
ROLL-OFF-SOIL

Tot Ion:168 Resp: 294144

Ion Ratio Lower Upper

168 100

99 57.6 46.2 69.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.94

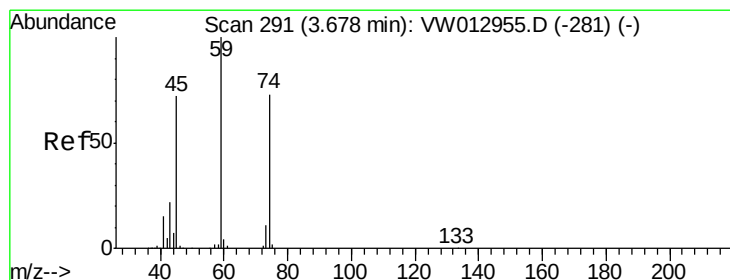
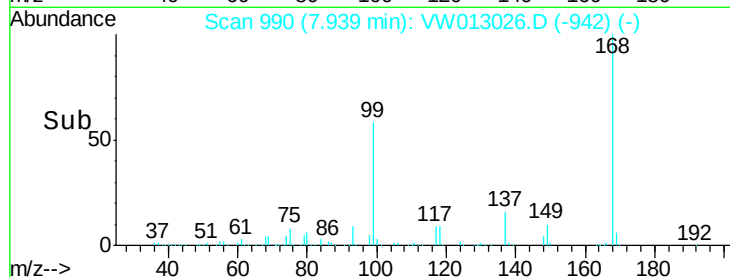
150000

100000

50000

0

Time-->



#8

Diethyl Ether

Concen: 2.596 ug/l

RT: 3.67 min Scan# 290

Delta R.T. -0.01 min

Lab File: VW013026.D

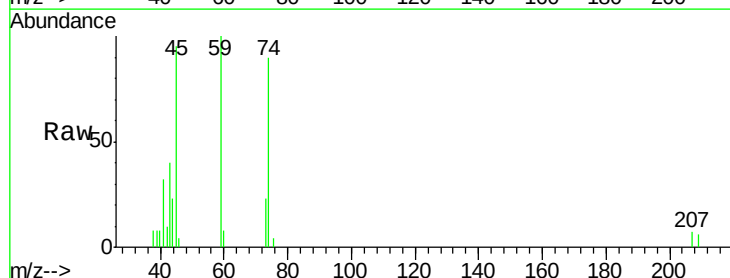
Acq: 15 Sep 2019 07:01

Tgt Ion: 74 Resp: 2984

Ion Ratio Lower Upper

74 100

45 109.2 53.8 161.4



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

3.67

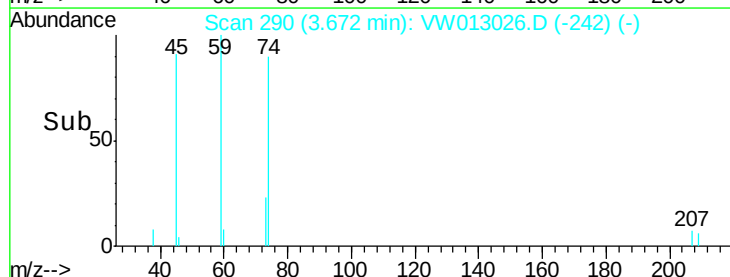
1500

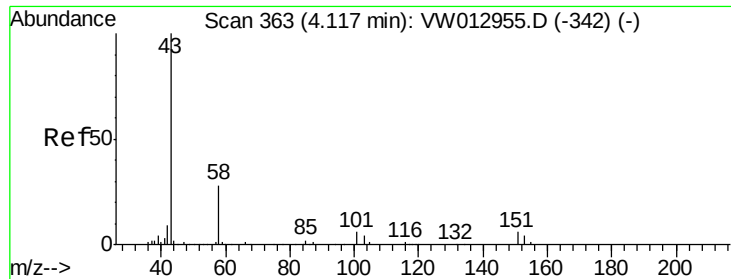
1000

500

0

Time-->

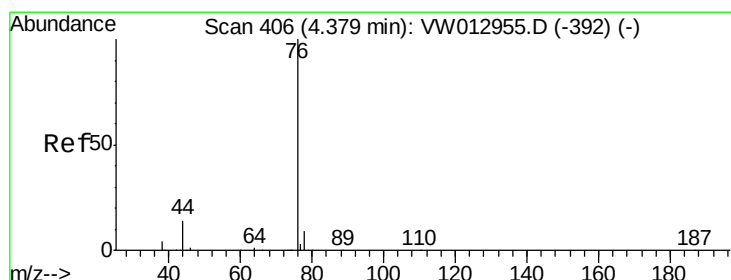
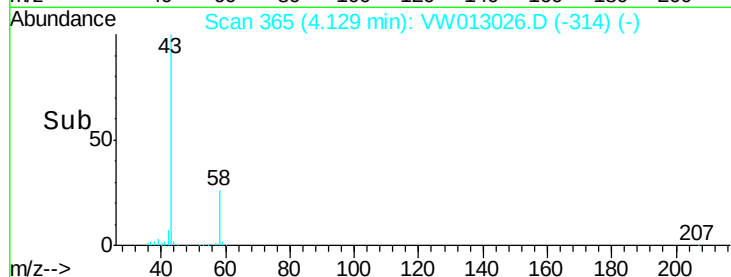
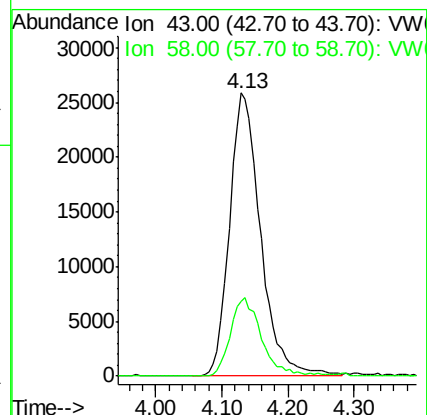
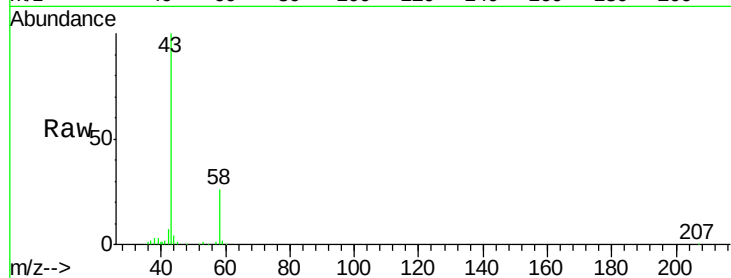




#16
Acetone
Concen: 133.691 ug/l
RT: 4.13 min Scan# 365
Delta R.T. 0.01 min
Lab File: VW013026.D
Acq: 15 Sep 2019 07:01

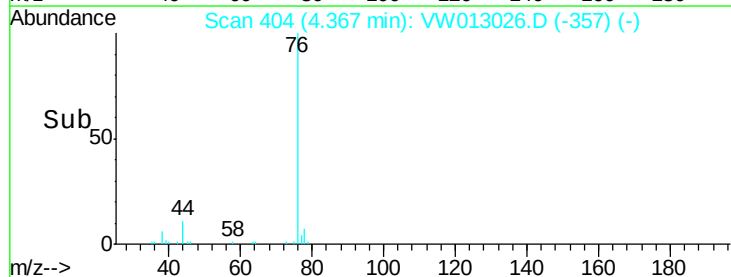
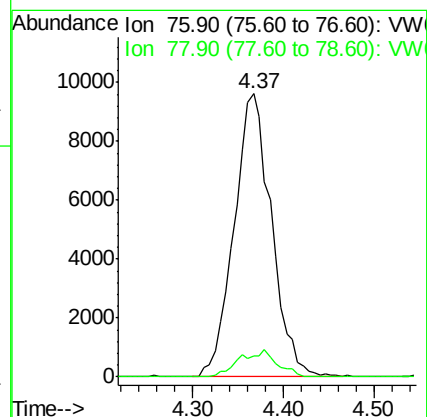
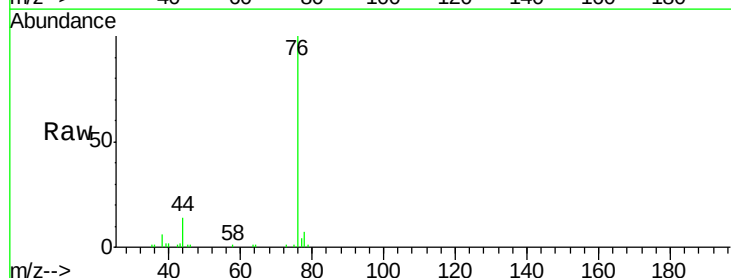
Instrument :
MSVOA_W
ClientSampleId :
ROLL-OFF-SOIL

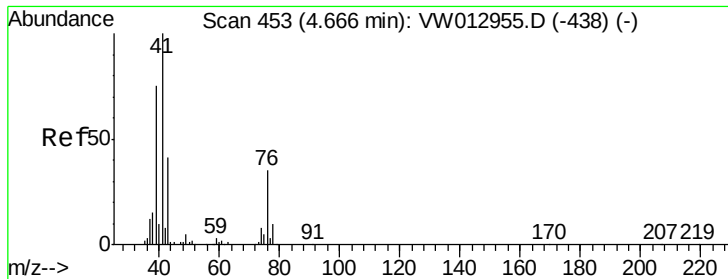
Tot Ion: 43 Resp: 84169
Ion Ratio Lower Upper
43 100
58 26.3 22.3 33.5



#17
Carbon Disulfide
Concen: 6.822 ug/l
RT: 4.37 min Scan# 404
Delta R.T. -0.01 min
Lab File: VW013026.D
Acq: 15 Sep 2019 07:01

Tgt Ion: 76 Resp: 27601
Ion Ratio Lower Upper
76 100
78 7.4 7.0 10.4

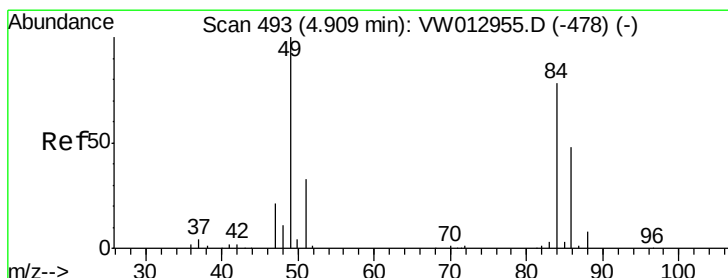
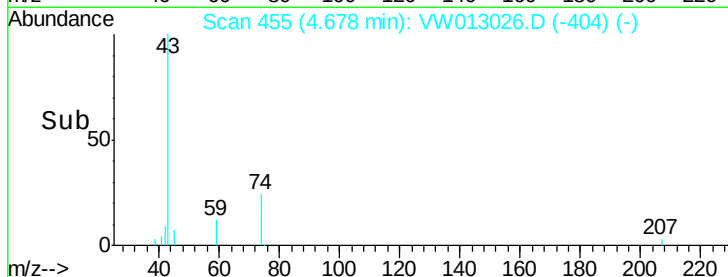
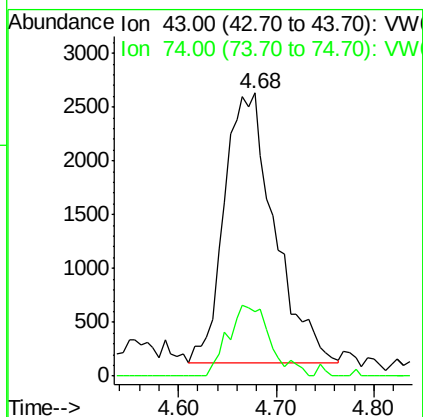
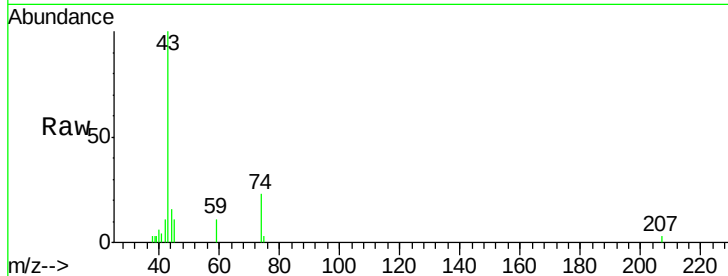




#18
Methvl Acetate
Concen: 5.746 ug/l
RT: 4.68 min Scan# 455
Delta R.T. 0.01 min
Lab File: VW013026.D
Acq: 15 Sep 2019 07:01

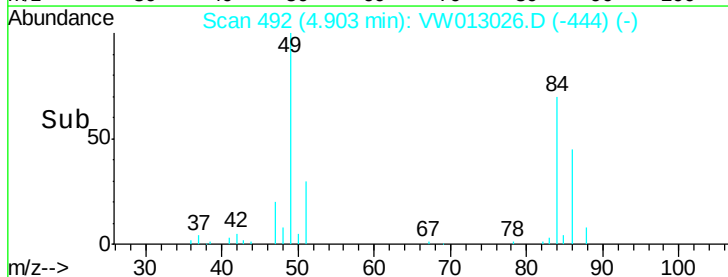
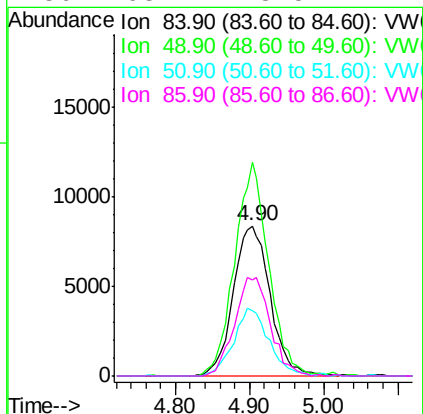
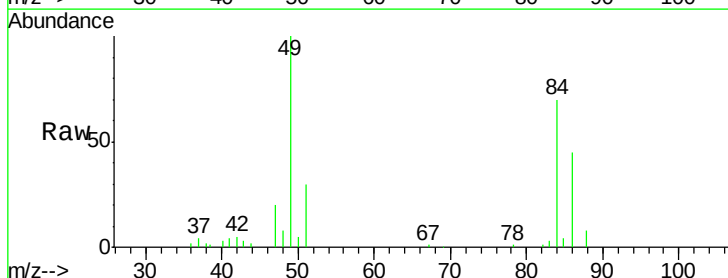
Instrument :
MSVOA_W
ClientSampleId :
ROLL-OFF-SOIL

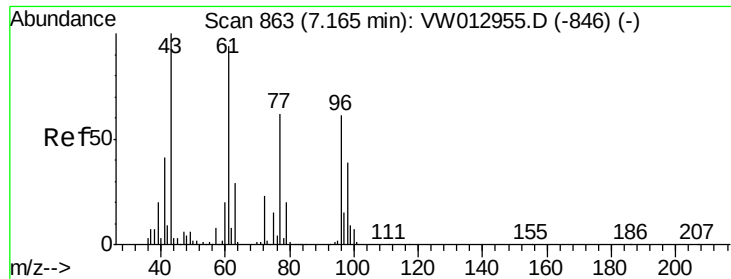
Tot Ion: 43 Resp: 8894
Ion Ratio Lower Upper
43 100
74 22.2 17.8 26.8



#20
Methylene Chloride
Concen: 8.977 ug/l
RT: 4.90 min Scan# 492
Delta R.T. -0.01 min
Lab File: VW013026.D
Acq: 15 Sep 2019 07:01

Tgt Ion: 84 Resp: 29041
Ion Ratio Lower Upper
84 100
49 142.0 102.0 153.0
51 43.2 34.0 51.0
86 63.4 48.5 72.7





#25

2-Butanone

Concen: 20.872 ug/l

RT: 7.18 min Scan# 866

Delta R.T. 0.02 min

Lab File: VW013026.D

Acq: 15 Sep 2019 07:01

Instrument :

MSVOA_W

ClientSampleId :

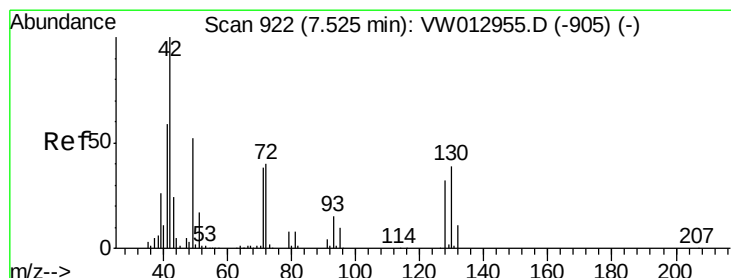
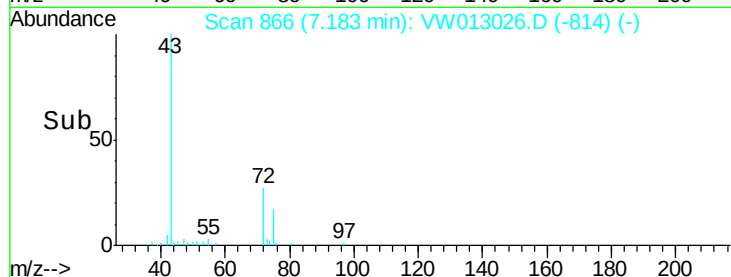
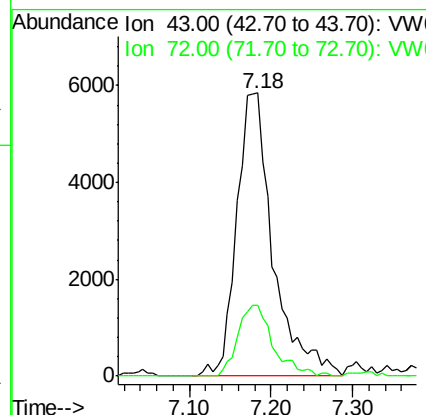
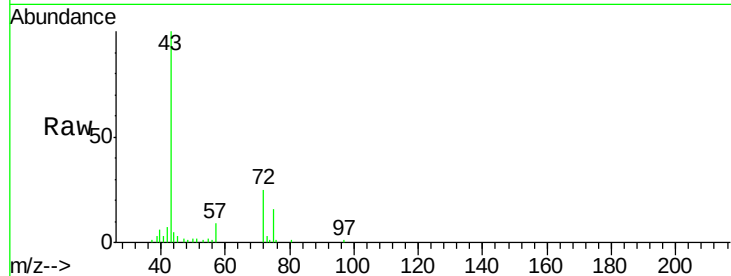
ROLL-OFF-SOIL

Tot Ion: 43 Resp: 18030

Ion Ratio Lower Upper

43 100

72 24.9 18.2 27.4



#29

Tetrahydrofuran

Concen: 8.159 ug/l

RT: 7.54 min Scan# 924

Delta R.T. 0.01 min

Lab File: VW013026.D

Acq: 15 Sep 2019 07:01

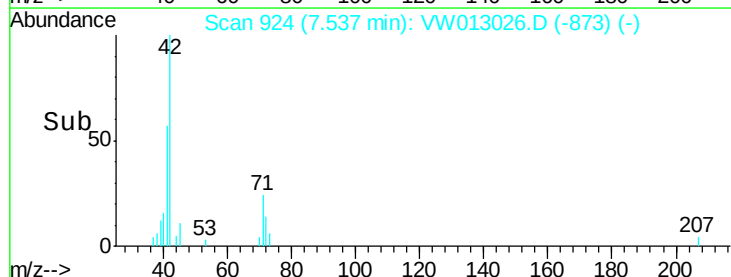
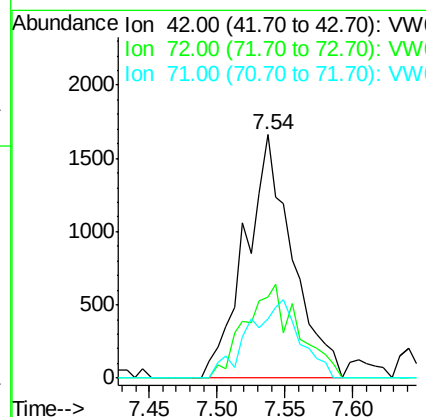
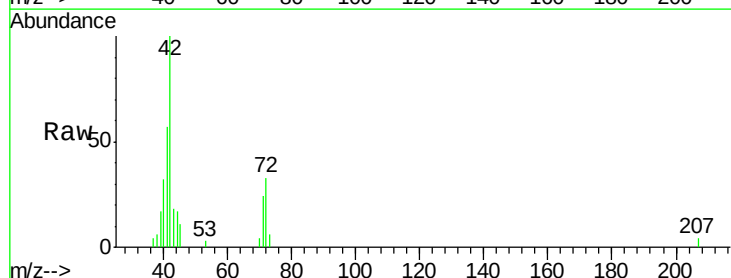
Tgt Ion: 42 Resp: 4016

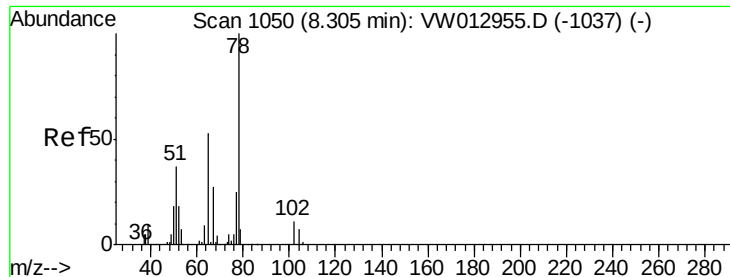
Ion Ratio Lower Upper

42 100

72 43.1 31.4 47.0

71 35.0 29.8 44.8

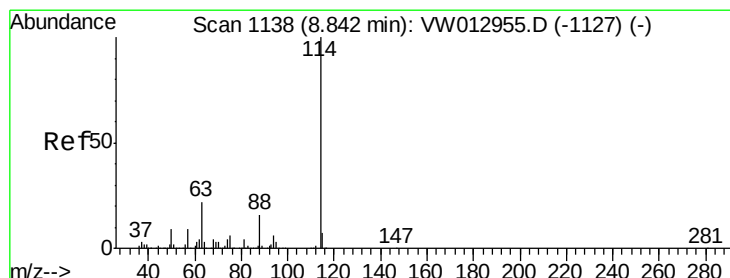
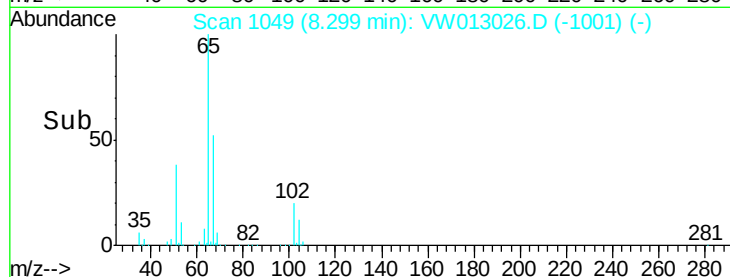
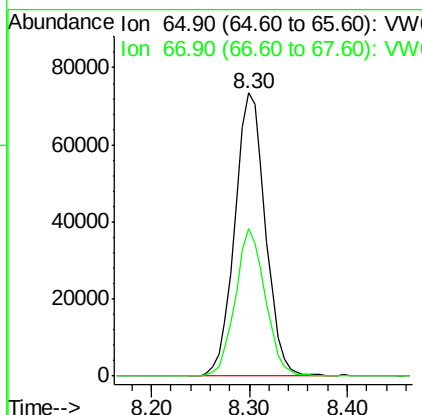
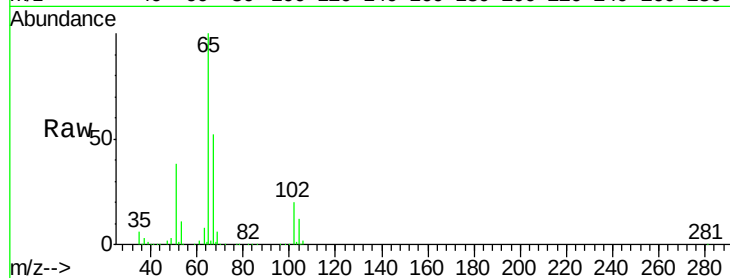




#33
 1,2-Dichloroethane-d4
 Concen: 58.624 ug/l
 RT: 8.30 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: VW013026.D
 Acq: 15 Sep 2019 07:01

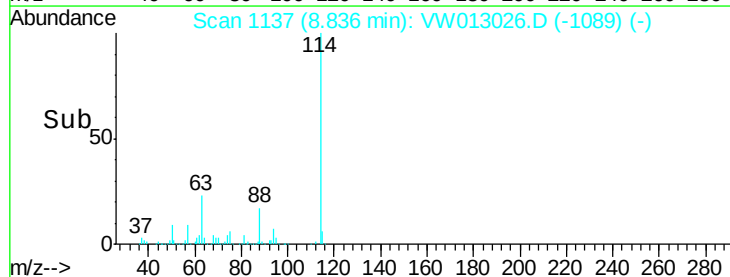
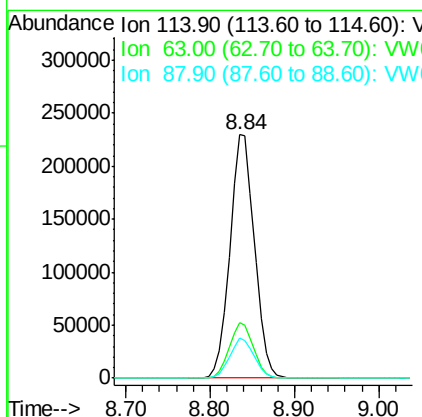
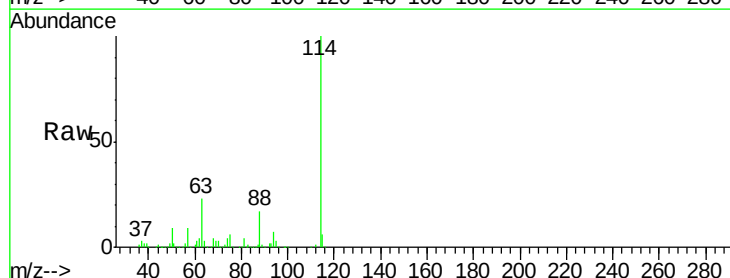
Instrument :
 MSVOA_W
 ClientSampleId :
 ROLL-OFF-SOIL

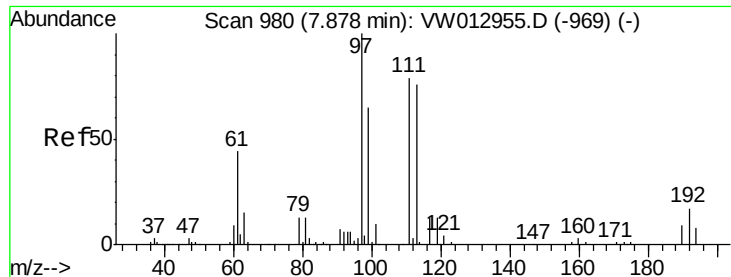
Tot Ion: 65 Resp: 159260
 Ion Ratio Lower Upper
 65 100
 67 51.0 0.0 101.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1137
 Delta R.T. -0.01 min
 Lab File: VW013026.D
 Acq: 15 Sep 2019 07:01

Tgt Ion: 114 Resp: 452951
 Ion Ratio Lower Upper
 114 100
 63 22.6 0.0 43.4
 88 16.6 0.0 31.6

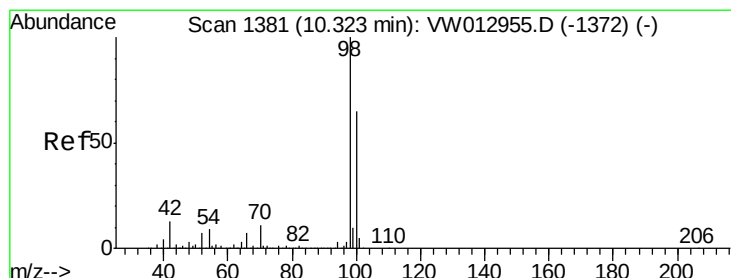
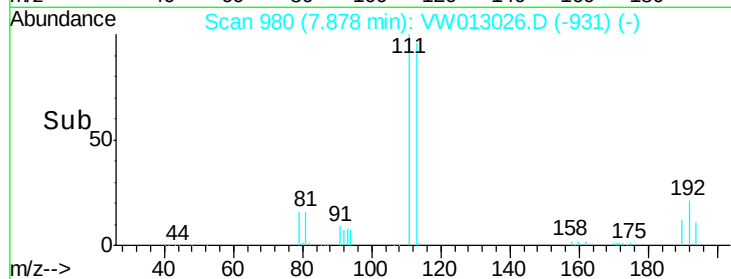
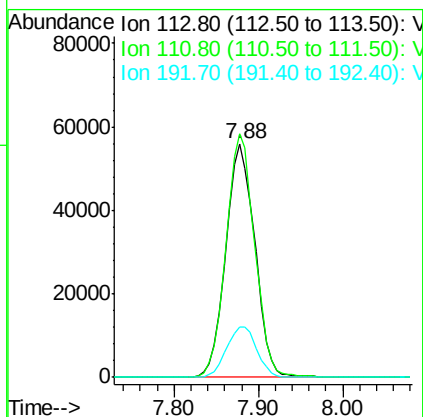
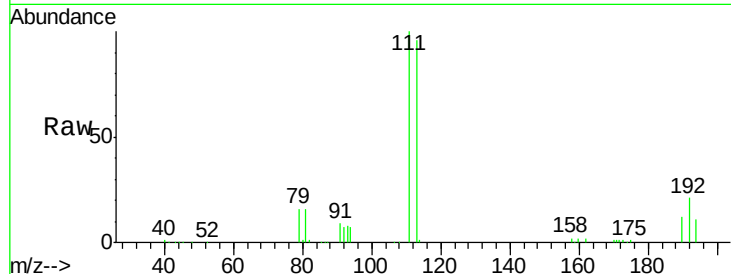




#35
 Dibromofluoromethane
 Concen: 53.499 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.00 min
 Lab File: VW013026.D
 Acq: 15 Sep 2019 07:01

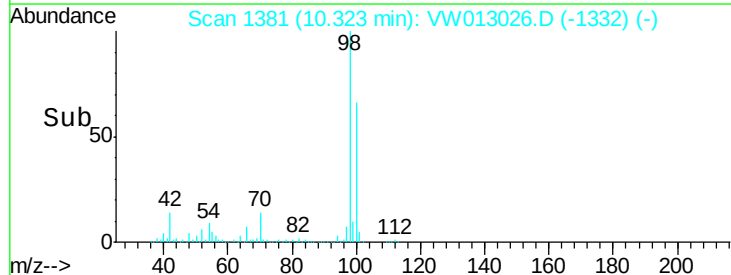
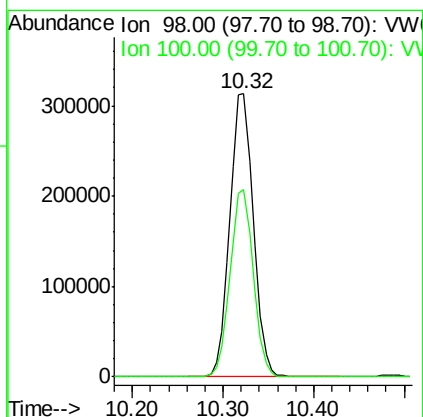
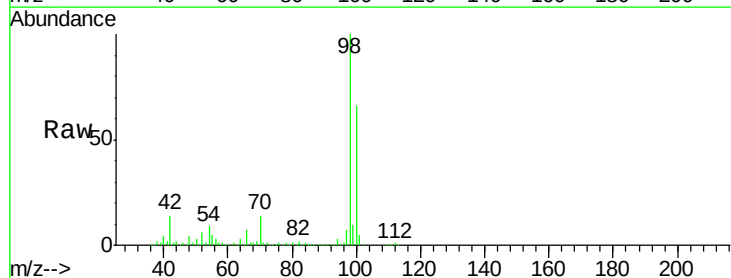
Instrument :
 MSVOA_W
 ClientSampleId :
 ROLL-OFF-SOIL

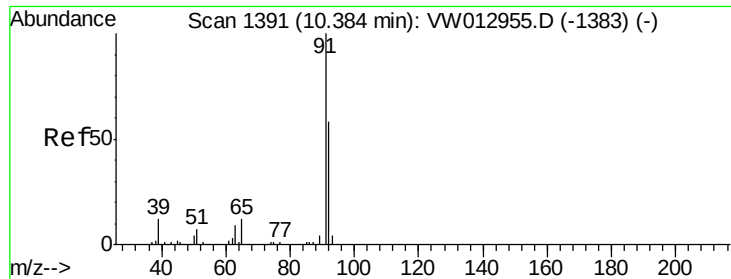
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.8	124.2
192	22.3	17.8	26.8



#50
 Toluene-d8
 Concen: 58.768 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. -0.00 min
 Lab File: VW013026.D
 Acq: 15 Sep 2019 07:01

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.2	52.1	78.1





#52

Toluene

Concen: 1.363 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VW013026.D

Acq: 15 Sep 2019 07:01

Instrument :

MSVOA_W

ClientSampleId :

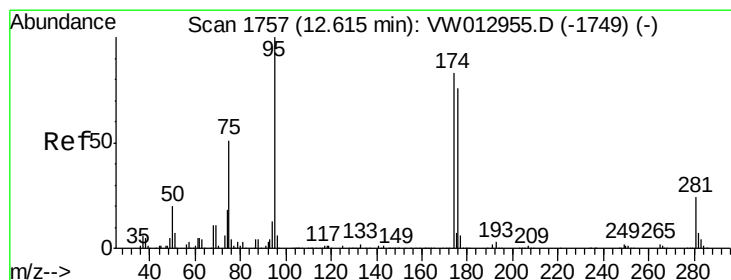
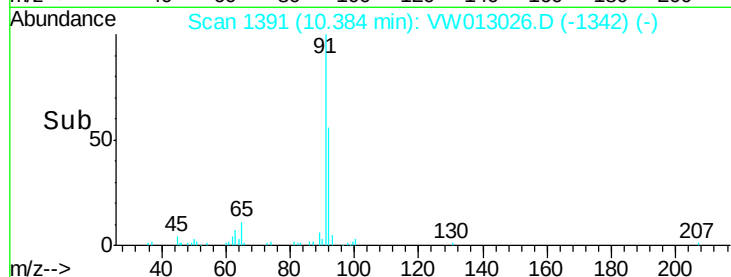
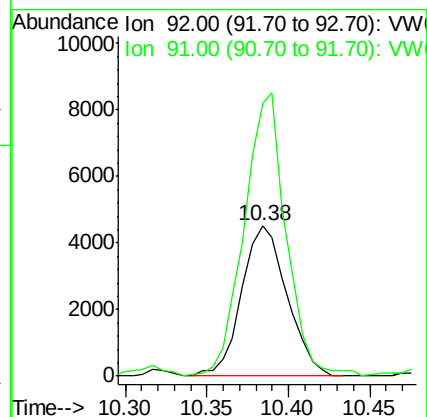
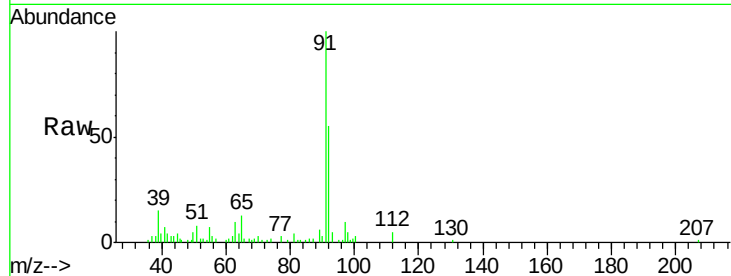
ROLL-OFF-SOIL

Tot Ion: 92 Resp: 8751

Ion Ratio Lower Upper

92 100

91 174.1 137.5 206.3



#62

4-Bromofluorobenzene

Concen: 54.384 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW013026.D

Acq: 15 Sep 2019 07:01

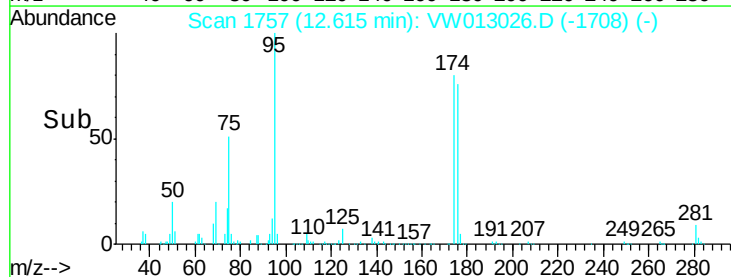
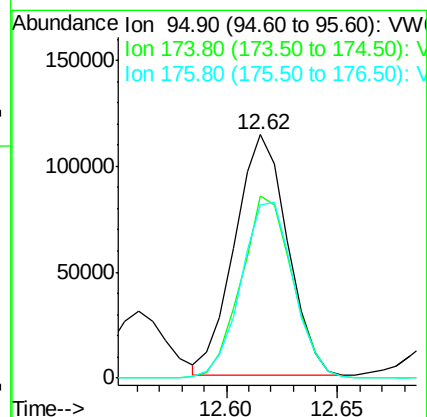
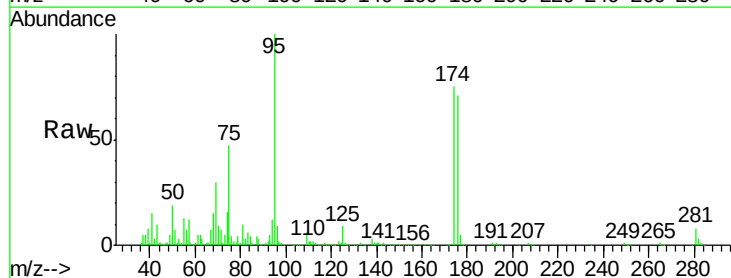
Tgt Ion: 95 Resp: 188074

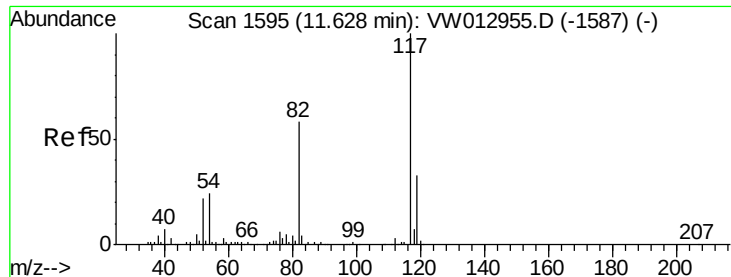
Ion Ratio Lower Upper

95 100

174 73.5 0.0 170.4

176 72.8 0.0 164.6

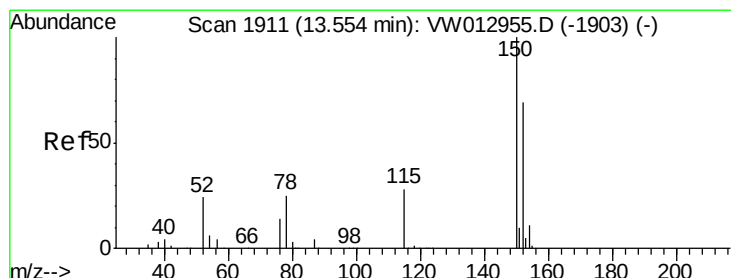
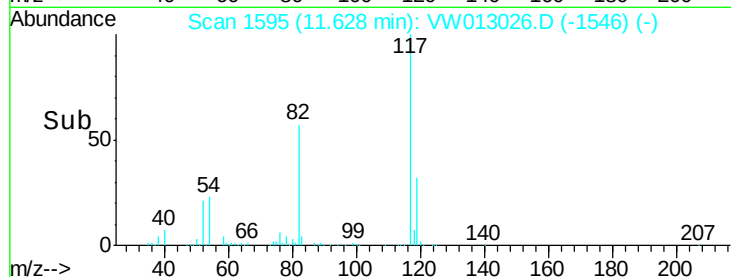
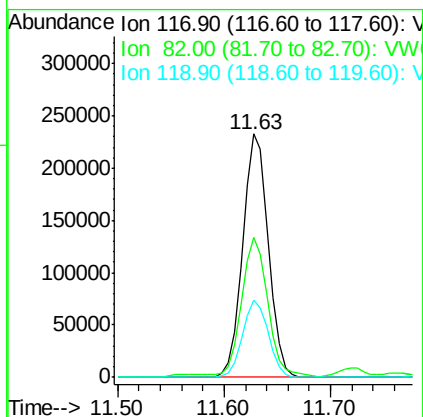
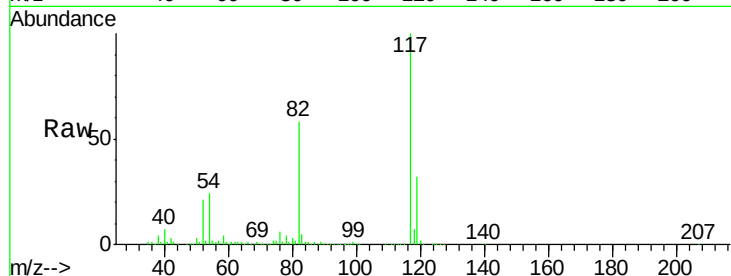




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.00 min
Lab File: VW013026.D
Acq: 15 Sep 2019 07:01

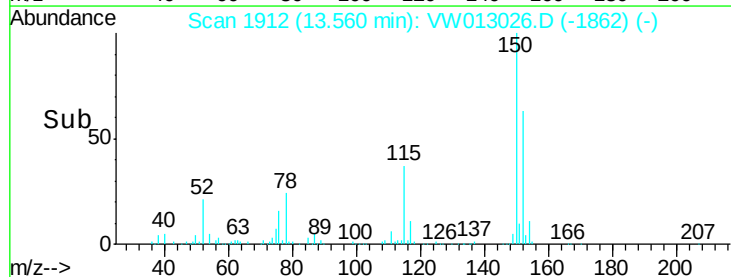
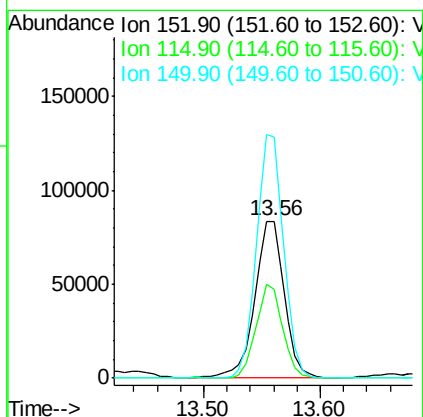
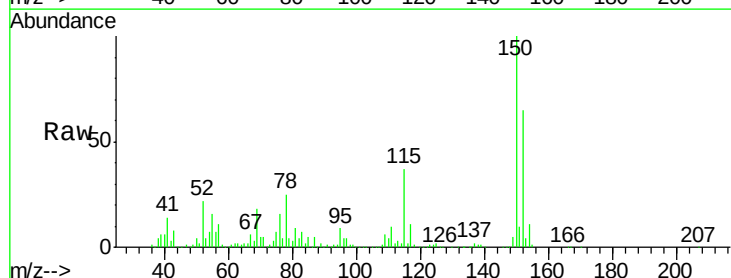
Instrument :
MSVOA_W
ClientSampleId :
ROLL-OFF-SOIL

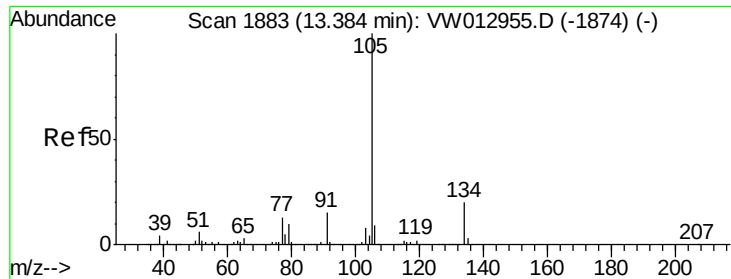
Tot Ion:117 Resp: 392394
Ion Ratio Lower Upper
117 100
82 56.1 46.3 69.5
119 31.7 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.01 min
Lab File: VW013026.D
Acq: 15 Sep 2019 07:01

Tgt Ion:152 Resp: 147301
Ion Ratio Lower Upper
152 100
115 53.4 28.8 86.4
150 143.3 0.0 340.2





#85

sec-Butylbenzene

Concen: 1.397 ug/l

RT: 13.38 min Scan# 1882

Delta R.T. -0.01 min

Lab File: VW013026.D

Acq: 15 Sep 2019 07:01

Instrument :

MSVOA_W

ClientSampleId :

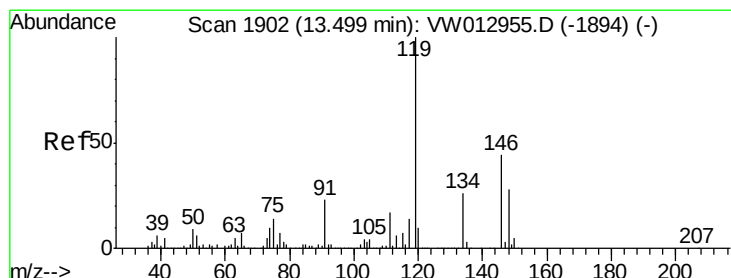
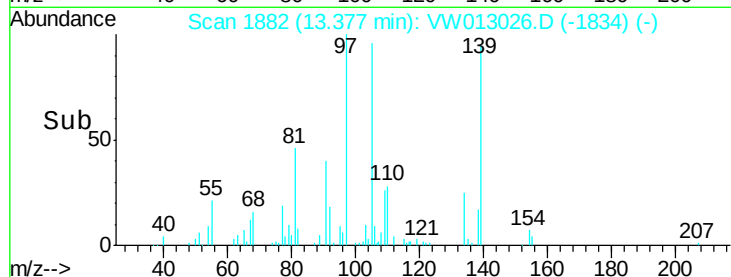
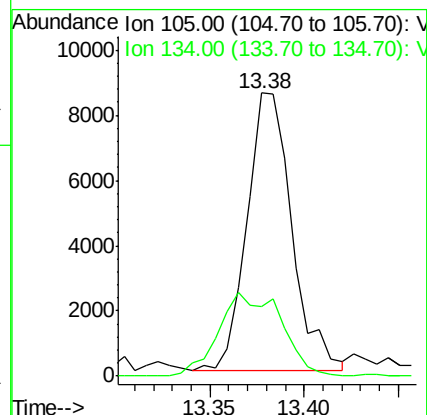
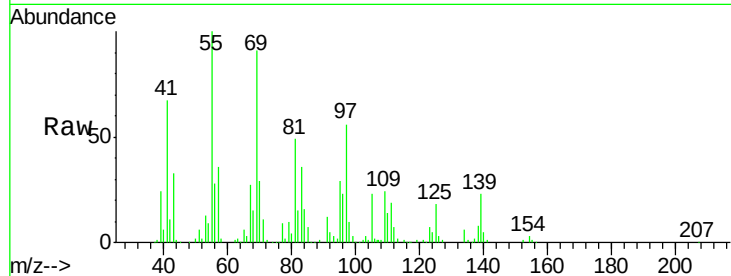
ROLL-OFF-SOIL

Tot Ion:105 Resp: 14065

Ion Ratio Lower Upper

105 100

134 41.8 10.2 30.4#



#86

p-Isopropyltoluene

Concen: 1.248 ug/l

RT: 13.49 min Scan# 1901

Delta R.T. -0.01 min

Lab File: VW013026.D

Acq: 15 Sep 2019 07:01

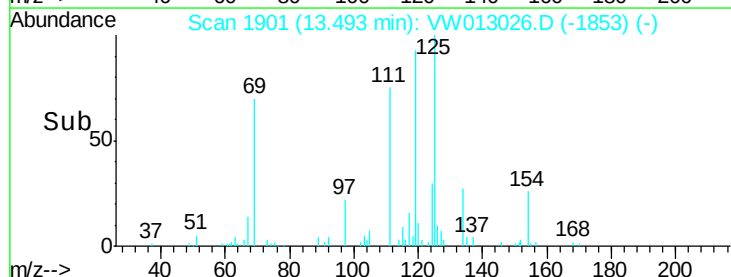
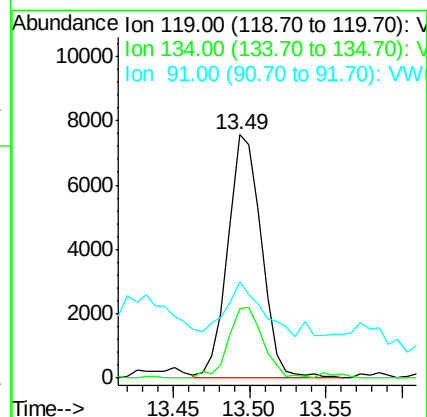
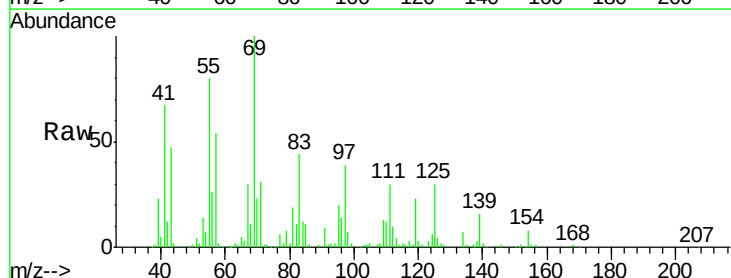
Tgt Ion:119 Resp: 11530

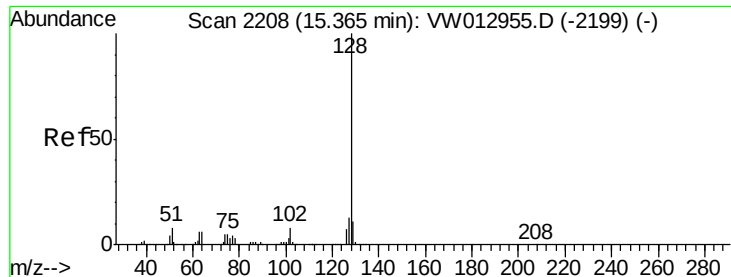
Ion Ratio Lower Upper

119 100

134 29.9 12.8 38.3

91 26.6 11.8 35.4

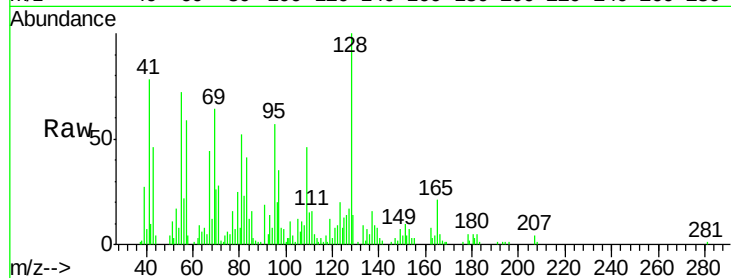




#95
 Naphthalene
 Concen: 4.795 ug/l
 RT: 15.36 min Scan# 2208
 Delta R.T. -0.00 min
 Lab File: VW013026.D
 Acq: 15 Sep 2019 07:01

Instrument :
 MSVOA_W
 ClientSampleId :
 ROLL-OFF-SOIL

Tot Ion:128 Resp: 22372
 Ion Ratio Lower Upper
 128 100
 127 22.4 11.0 16.6#
 129 10.9 8.6 12.8



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

