

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW061319\
 Data File : VW010800.D
 Acq On : 13 Jun 2019 16:24
 Operator : SY/VA
 Sample : K3369-04
 Misc : 6.50G/5ML/MSVOA W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 Z-3-SOIL-1

Quant Time: Jun 14 08:37:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W060419S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 05 03:21:19 2019
 Response via : Initial Calibration

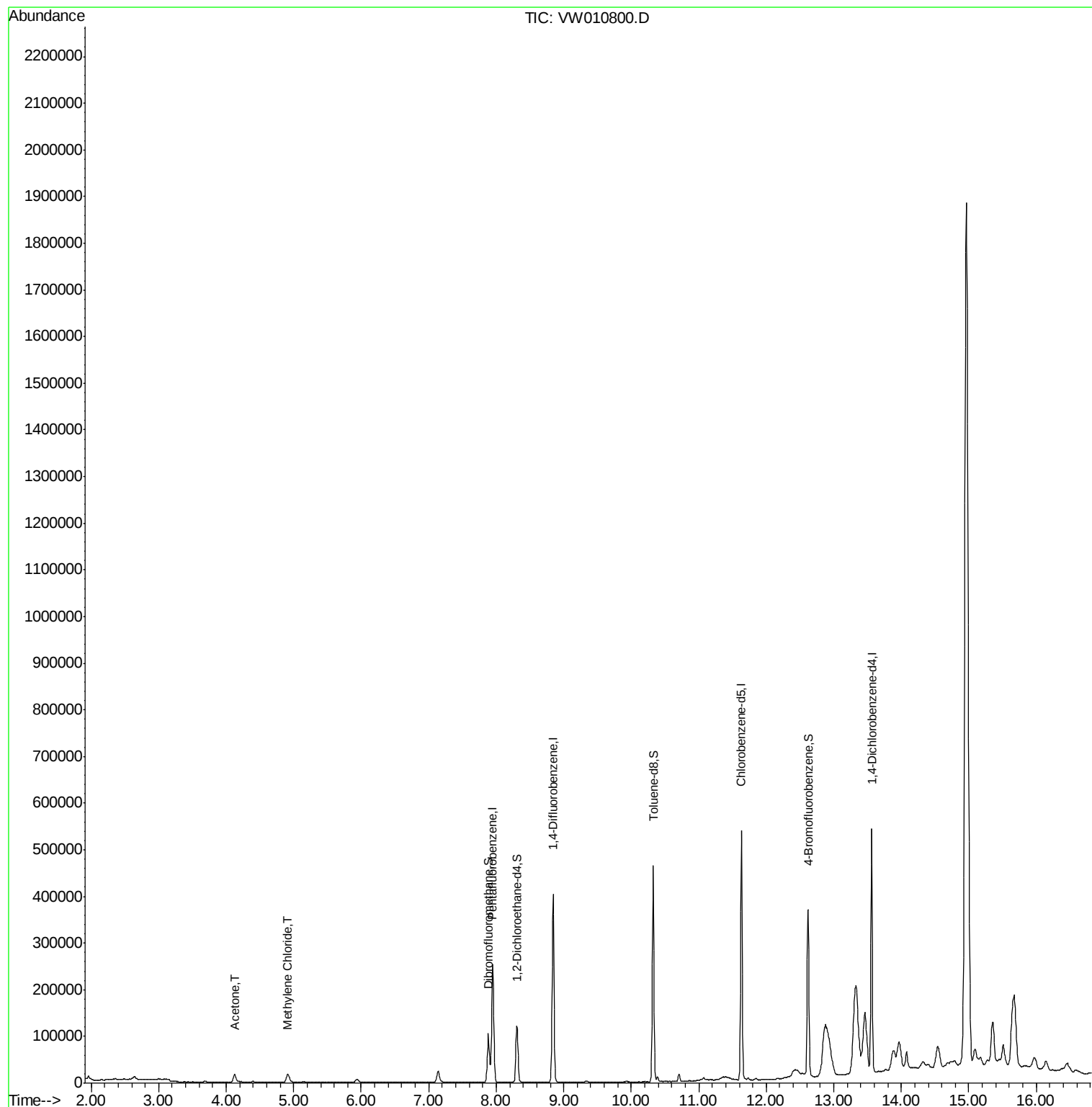
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	184214	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	306106	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	270285	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	124201	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	97163	44.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.50%	
35) Dibromofluoromethane	7.88	113	71638	43.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.24%	
50) Toluene-d8	10.32	98	287625	39.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	78.96%	
62) 4-Bromofluorobenzene	12.62	95	115070	43.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.80%	
Target Compounds						
16) Acetone	4.12	43	32155	55.269	ug/l	98
20) Methylene Chloride	4.91	84	11888	5.825	ug/l	94

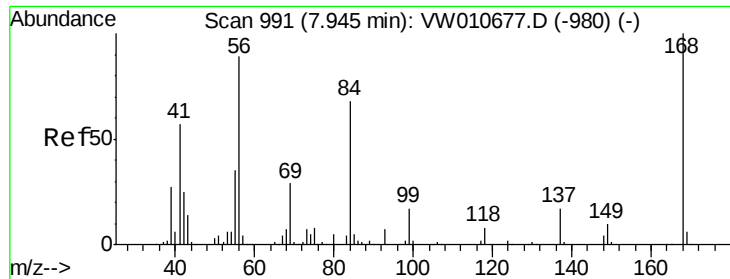
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.01 min

Lab File: VW010800.D

Acq: 13 Jun 2019 16:24

Instrument :

MSVOA_W

ClientSampleId :

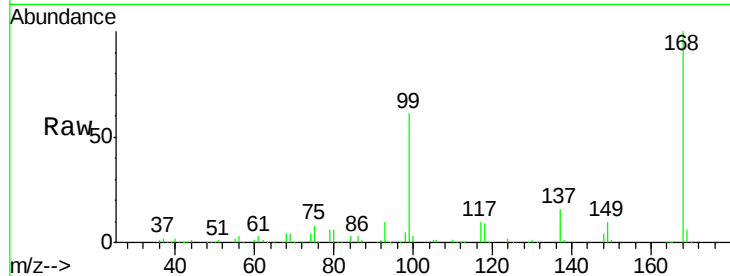
Z-3-SOIL-1

Tot Ion:168 Resp: 184214

Ion Ratio Lower Upper

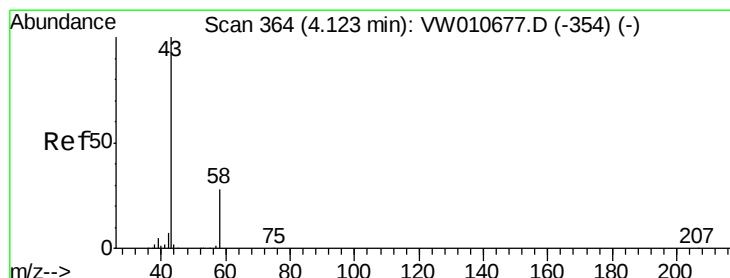
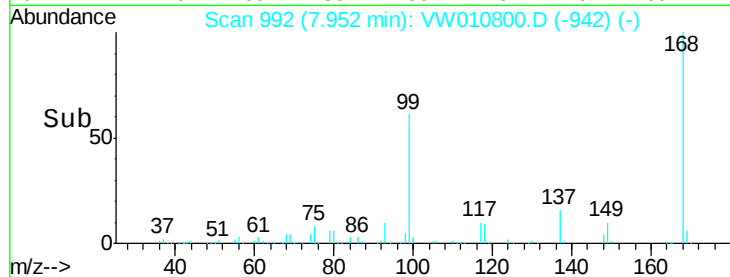
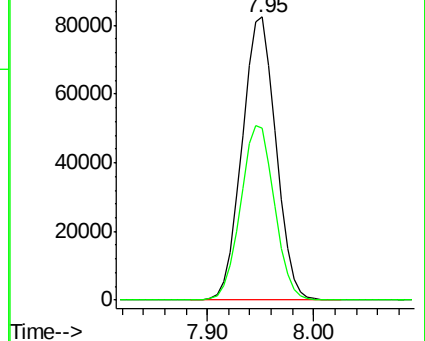
168 100

99 60.9 47.7 71.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 55.269 ug/l

RT: 4.12 min Scan# 364

Delta R.T. -0.00 min

Lab File: VW010800.D

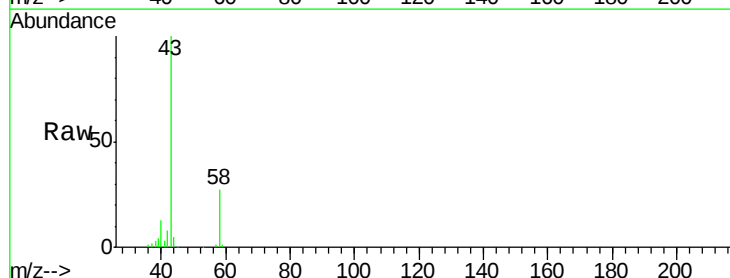
Acq: 13 Jun 2019 16:24

Tgt Ion: 43 Resp: 32155

Ion Ratio Lower Upper

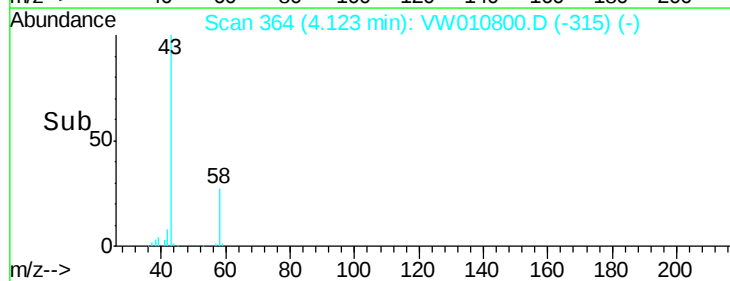
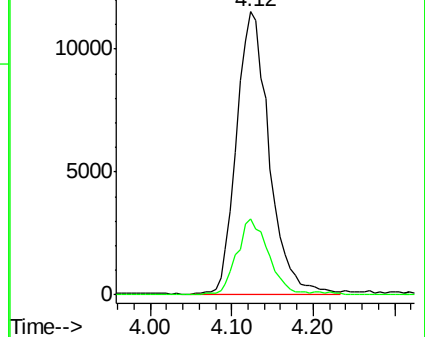
43 100

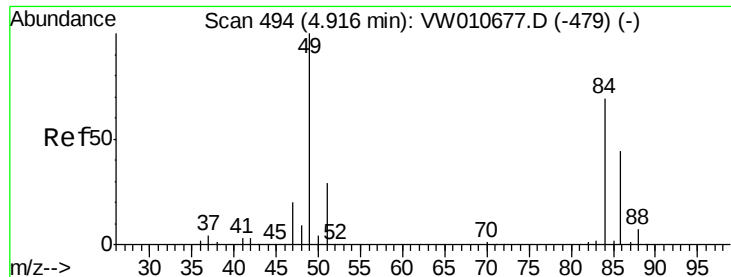
58 26.7 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

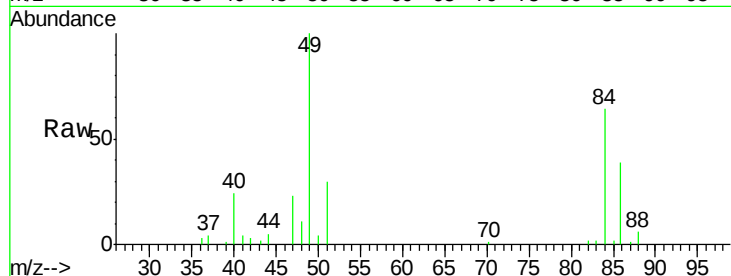




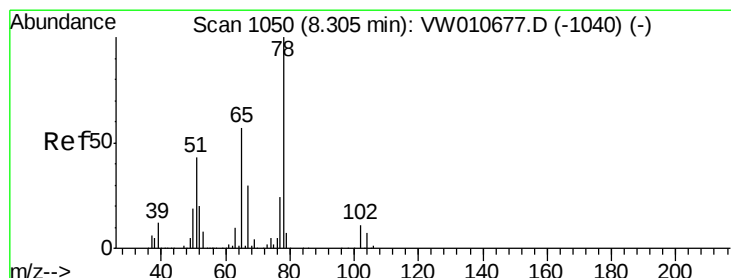
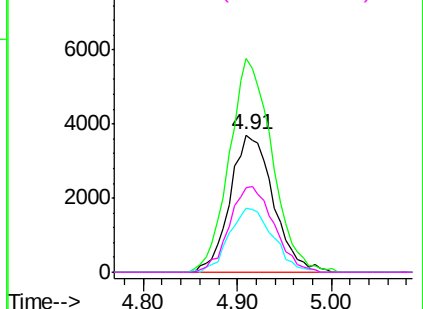
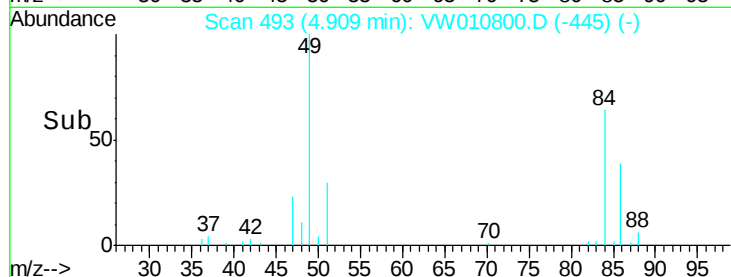
#20
Methylene Chloride
Concen: 5.825 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW010800.D
Acq: 13 Jun 2019 16:24

Instrument :
MSVOA_W
ClientSampled :
Z-3-SOIL-1

Tot Ion: 84 Resp: 11888
Ion Ratio Lower Upper
84 100
49 155.9 116.7 175.1
51 46.4 34.2 51.2
86 61.6 51.2 76.8

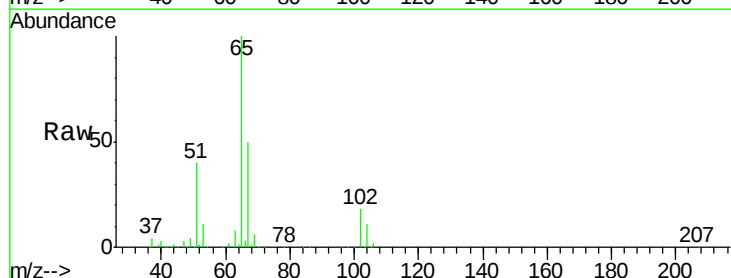


Abundance Ion 83.90 (83.60 to 84.60): VW
Ion 48.90 (48.60 to 49.60): VW
Ion 50.90 (50.60 to 51.60): VW
Ion 85.90 (85.60 to 86.60): VW

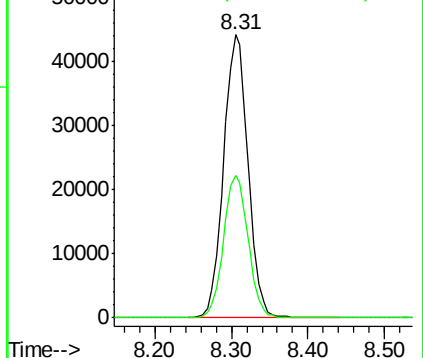
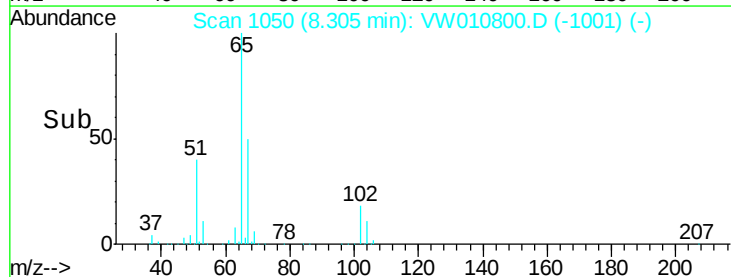


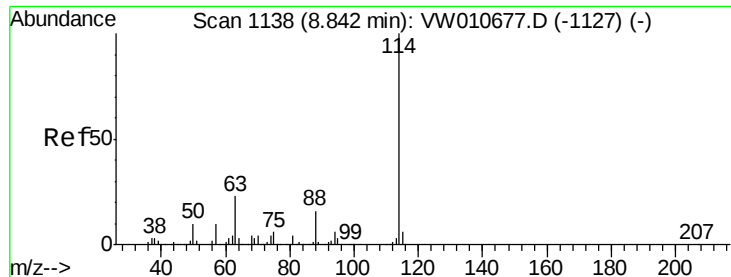
#33
1,2-Dichloroethane-d4
Concen: 44.749 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VW010800.D
Acq: 13 Jun 2019 16:24

Tgt Ion: 65 Resp: 97163
Ion Ratio Lower Upper
65 100
67 50.8 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VW
Ion 66.90 (66.60 to 67.60): VW

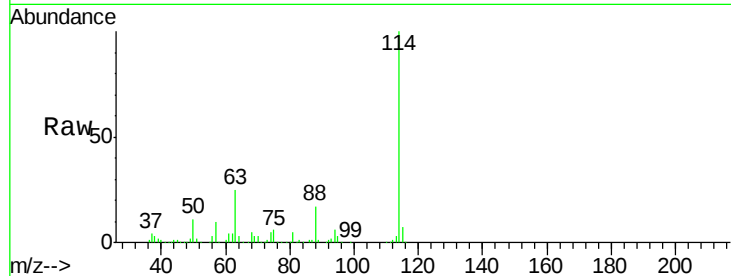




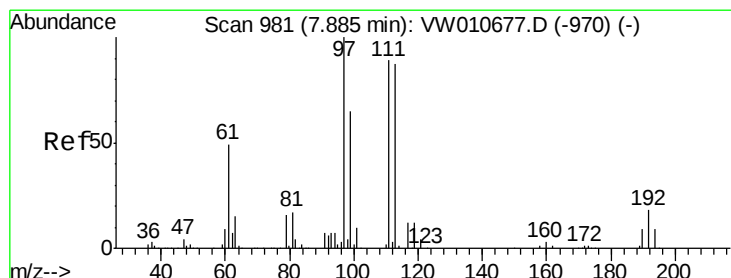
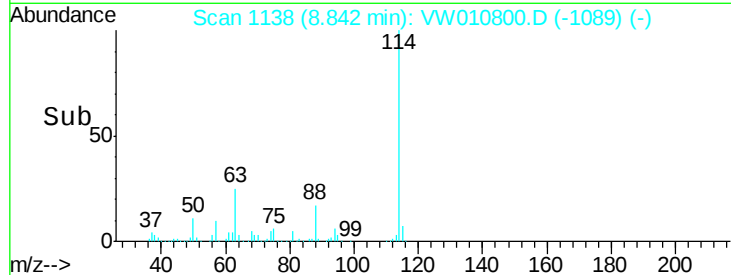
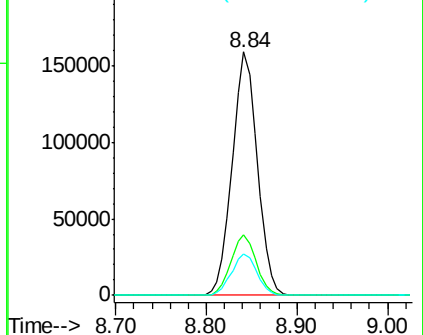
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW010800.D
 Acq: 13 Jun 2019 16:24

Instrument :
 MSVOA_W
 ClientSampleId :
 Z-3-SOIL-1

Tot Ion	Ratio	Lower	Upper
114	100		
63	25.0	0.0	46.4
88	17.1	0.0	32.2

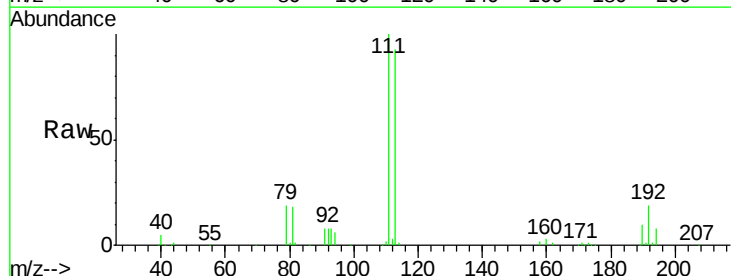


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

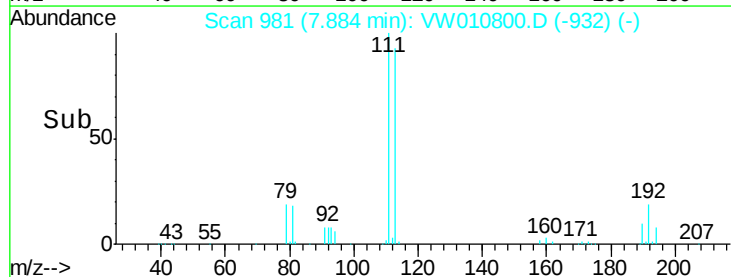
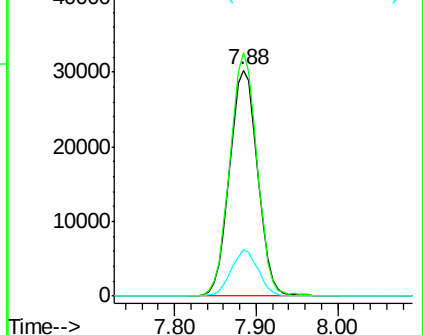


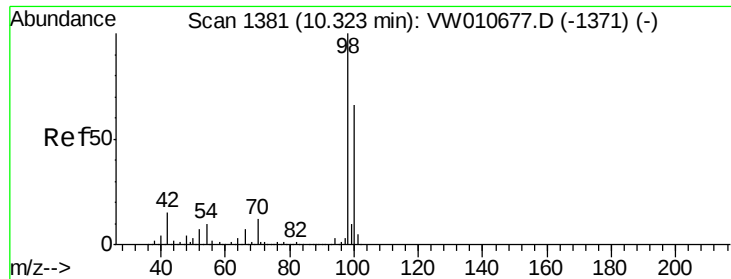
#35
 Dibromofluoromethane
 Concen: 43.117 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW010800.D
 Acq: 13 Jun 2019 16:24

Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.4	82.6	123.8
192	19.7	16.4	24.6



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: 39.478 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW010800.D

Acq: 13 Jun 2019 16:24

Instrument :

MSVOA_W

ClientSampleId :

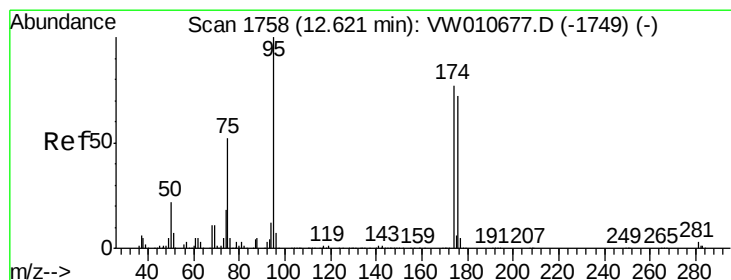
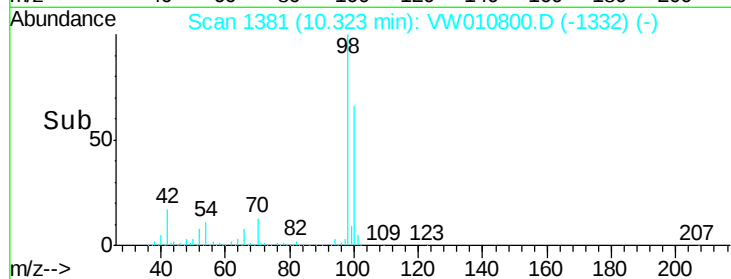
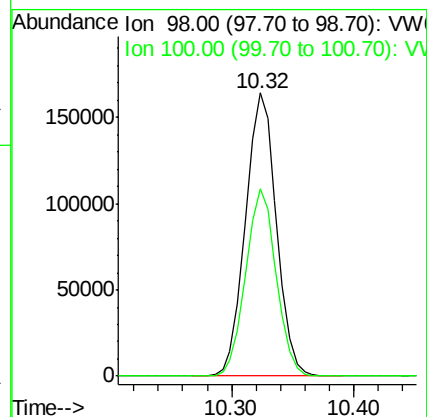
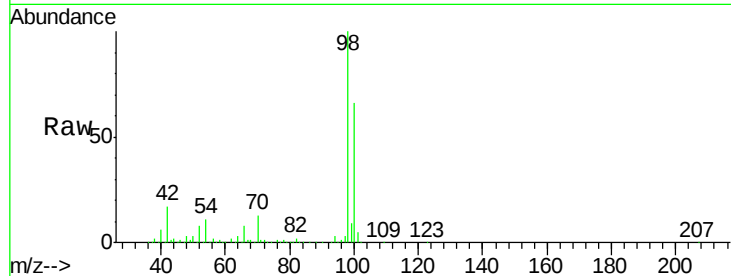
Z-3-SOIL-1

Tot Ion: 98 Resp: 287625

Ion Ratio Lower Upper

98 100

100 65.4 53.0 79.6



#62

4-Bromofluorobenzene

Concen: 43.403 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW010800.D

Acq: 13 Jun 2019 16:24

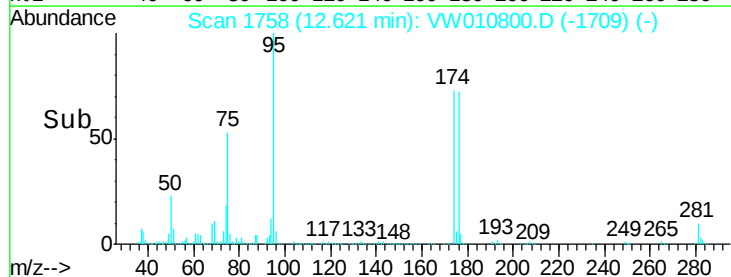
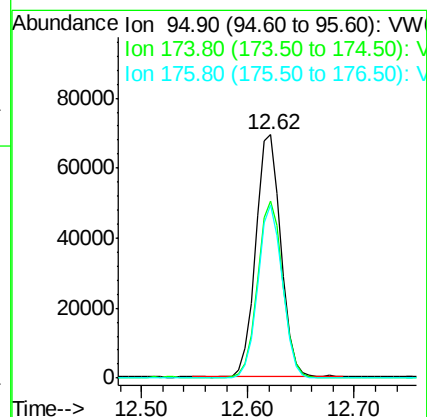
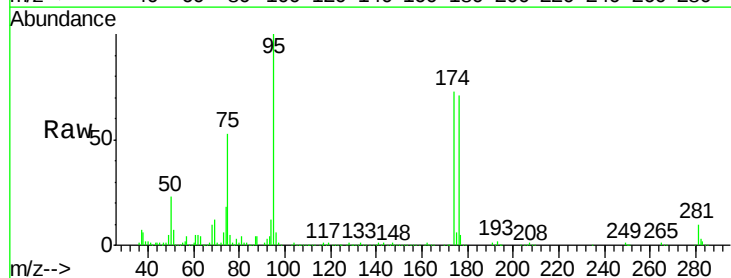
Tgt Ion: 95 Resp: 115070

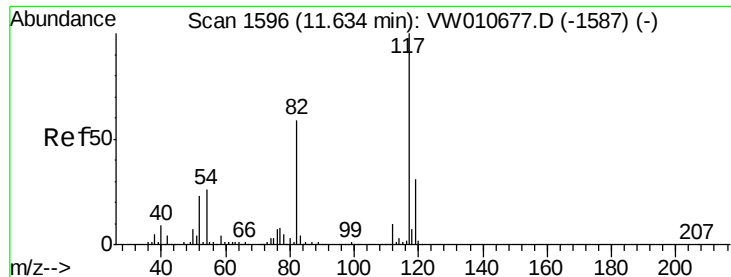
Ion Ratio Lower Upper

95 100

174 72.5 0.0 150.4

176 69.6 0.0 144.8

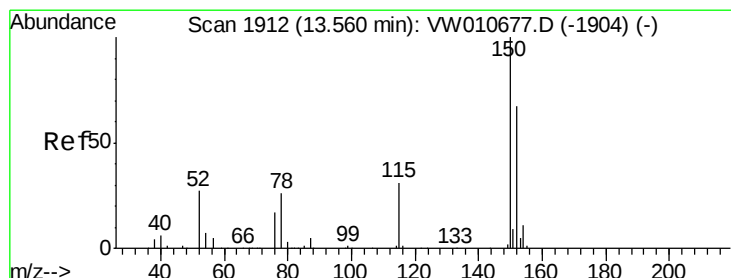
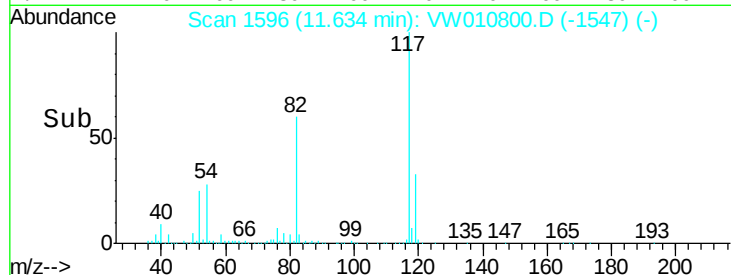
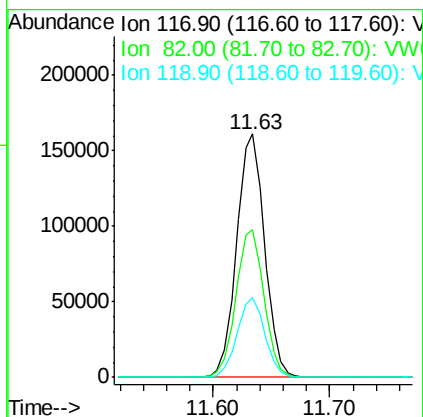
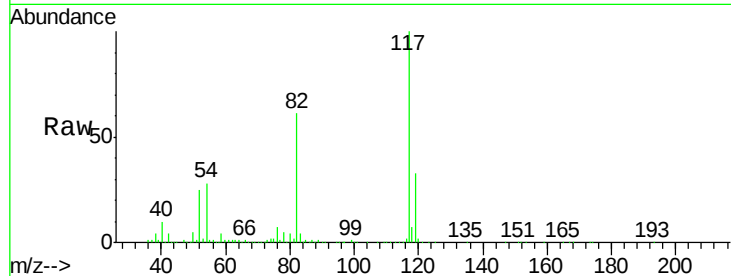




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW010800.D
Acq: 13 Jun 2019 16:24

Instrument :
MSVOA_W
ClientSampleId :
Z-3-SOIL-1

Tot Ion:117 Resp: 270285
Ion Ratio Lower Upper
117 100
82 60.5 47.0 70.4
119 32.9 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW010800.D
Acq: 13 Jun 2019 16:24

Tgt Ion:152 Resp: 124201
Ion Ratio Lower Upper
152 100
115 60.5 29.8 89.3
150 158.7 0.0 345.0

