

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW101818\
 Data File : VW006203.D
 Acq On : 19 Oct 2018 05:12
 Operator : VA/AP
 Sample : J5590-05
 Misc : 7.45G/5ML/MSVOA_W/SOIL
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 LS-SOIL-2

Quant Time: Oct 19 08:18:49 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 18 17:01:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	26407	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	37808	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	29557	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	10738	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	11620	53.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.16%	
35) Dibromofluoromethane	7.89	113	10566	47.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.60%	
50) Toluene-d8	10.33	98	37760	44.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.86%	
62) 4-Bromofluorobenzene	12.62	95	10668	33.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	66.84%	

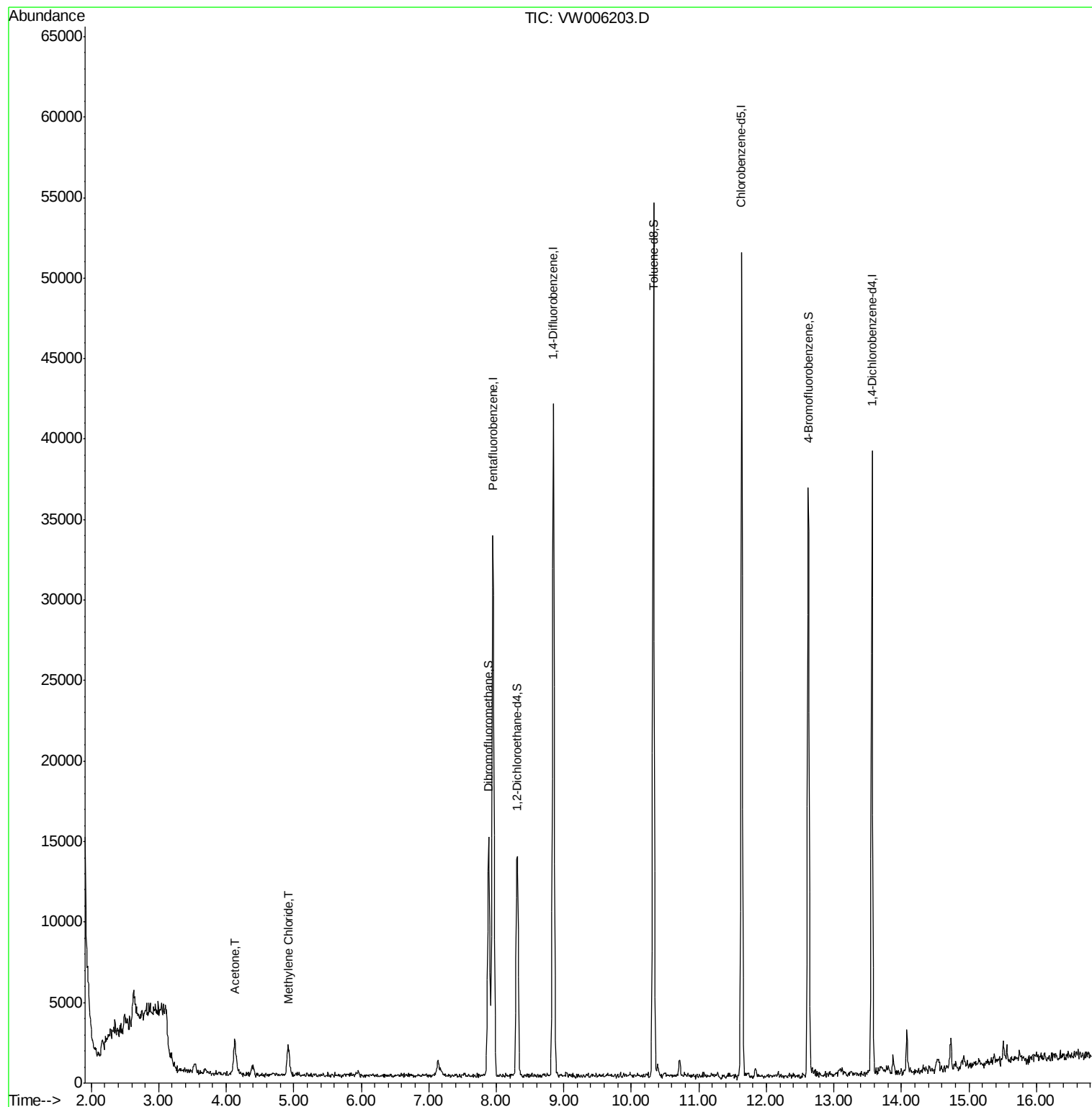
Target Compounds						Qvalue
16) Acetone	4.13	43	3791	82.37	ug/l	98
20) Methylene Chloride	4.93	84	1495	4.99	ug/l	# 67

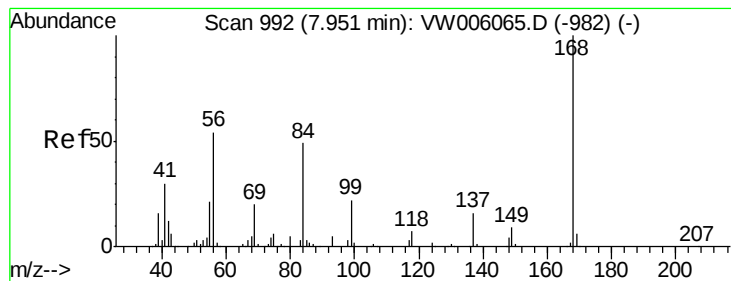
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW006203.D

Acq: 19 Oct 2018 05:12

Instrument :

MSVOA_W

ClientSampled :

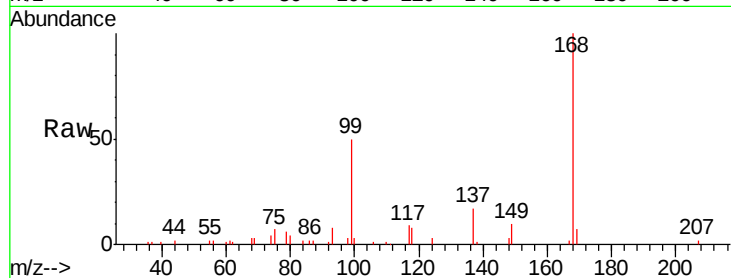
LS-SOIL-2

Tgt Ion:168 Resp: 26407

Ion Ratio Lower Upper

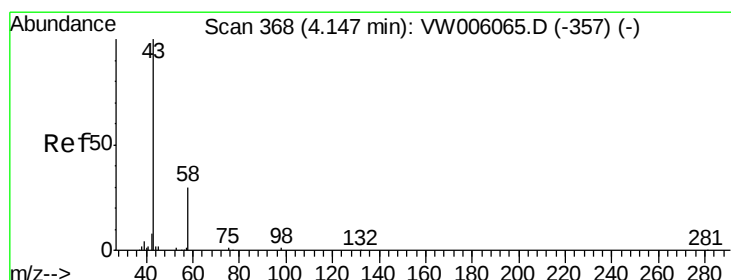
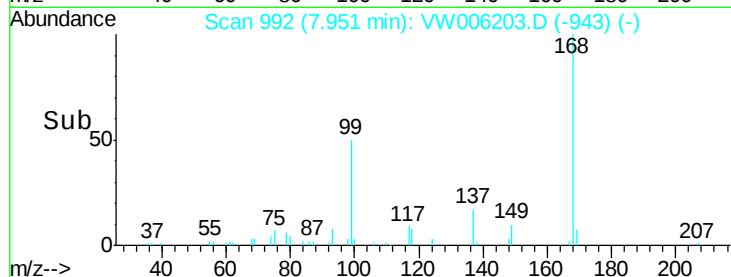
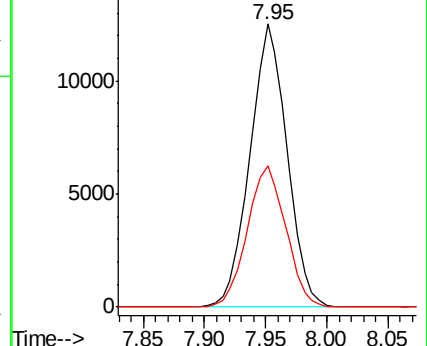
168 100

99 50.1 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 82.37 ug/l

RT: 4.13 min Scan# 365

Delta R.T. -0.02 min

Lab File: VW006203.D

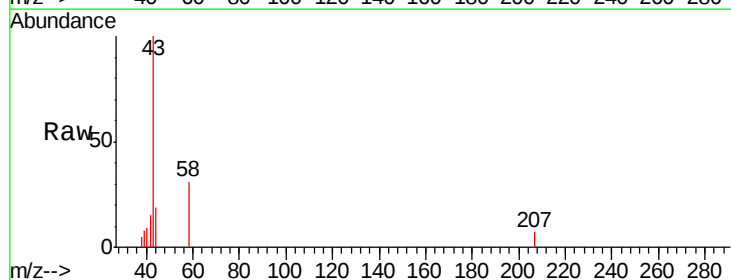
Acq: 19 Oct 2018 05:12

Tgt Ion: 43 Resp: 3791

Ion Ratio Lower Upper

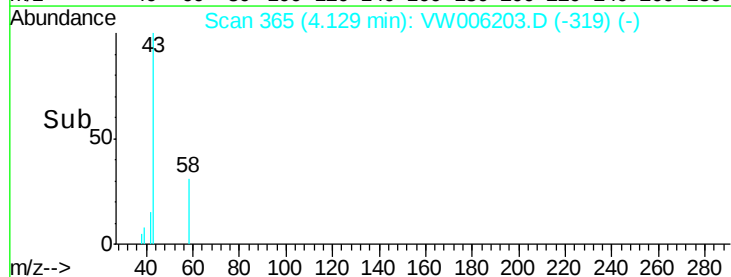
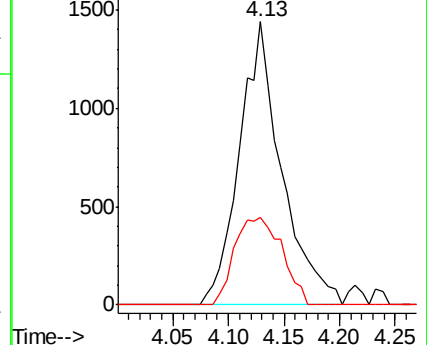
43 100

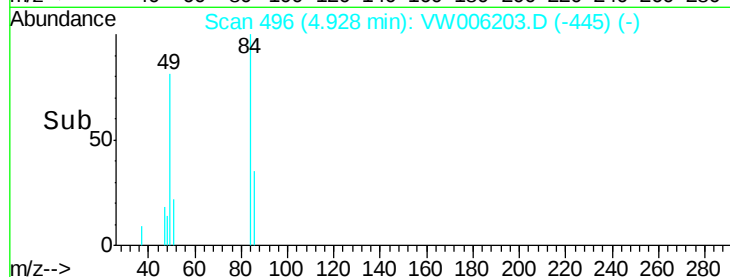
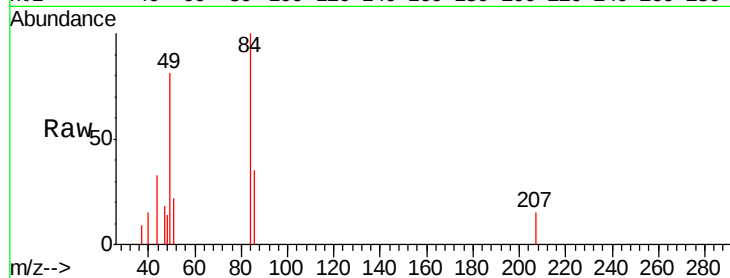
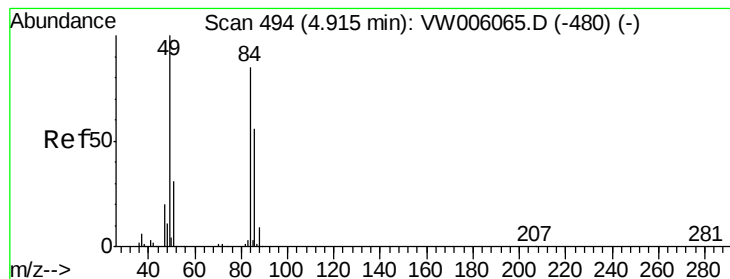
58 30.9 24.0 36.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#20

Methylene Chloride

Concen: 4.99 ug/l

RT: 4.93 min Scan# 496

Delta R.T. 0.01 min

Lab File: VW006203.D

Acq: 19 Oct 2018 05:12

Instrument :

MSVOA_W

ClientSampleId :

LS-SOIL-2

Tgt Ion: 84 Resp: 1495

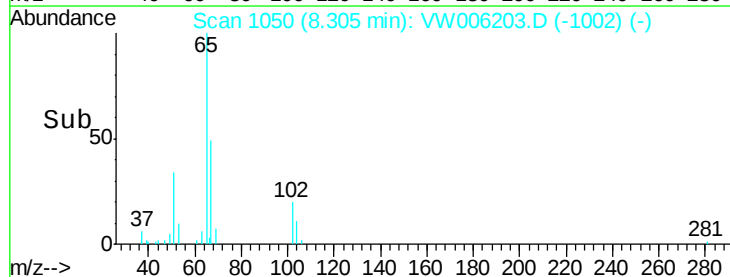
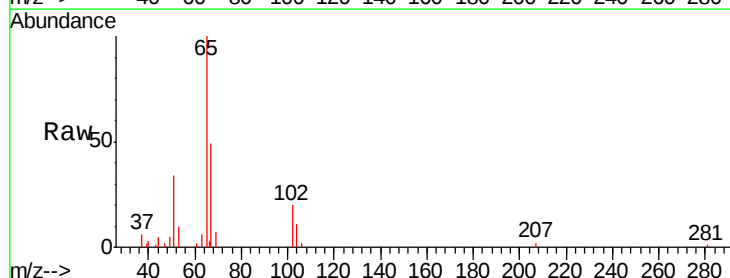
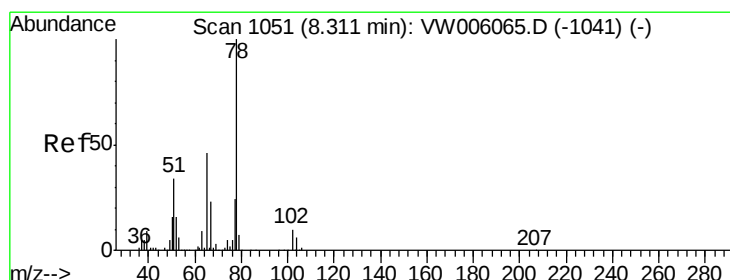
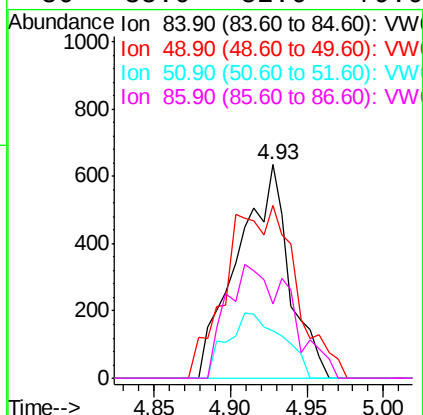
Ion Ratio Lower Upper

84 100

49 80.8 93.6 140.4#

51 22.0 29.0 43.4#

86 35.0 52.6 79.0#



#33

1,2-Dichloroethane-d4

Concen: 53.08 ug/l

RT: 8.30 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VW006203.D

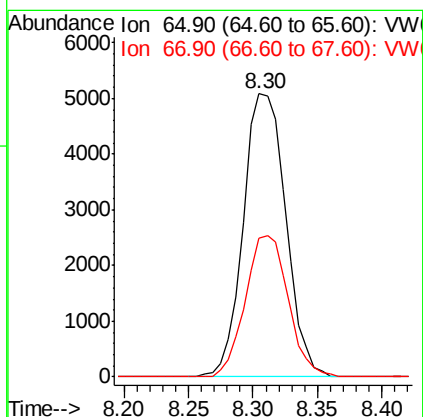
Acq: 19 Oct 2018 05:12

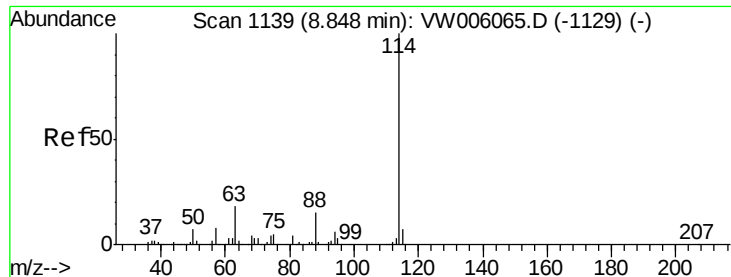
Tgt Ion: 65 Resp: 11620

Ion Ratio Lower Upper

65 100

67 50.3 0.0 101.0

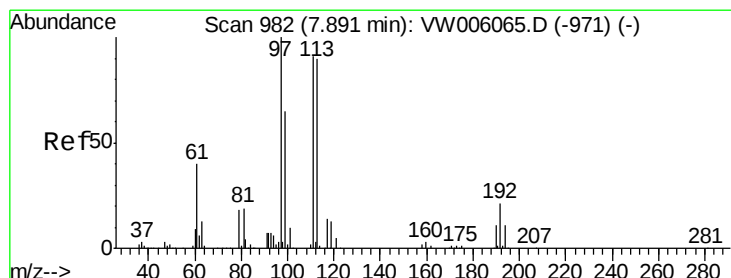
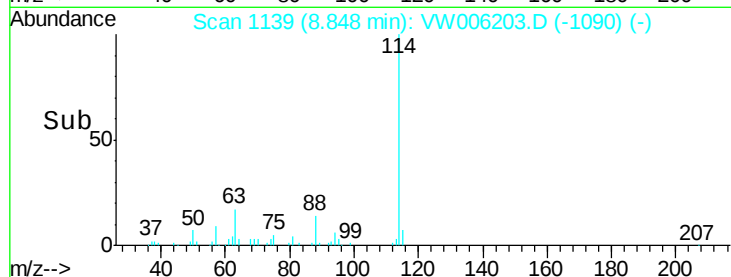
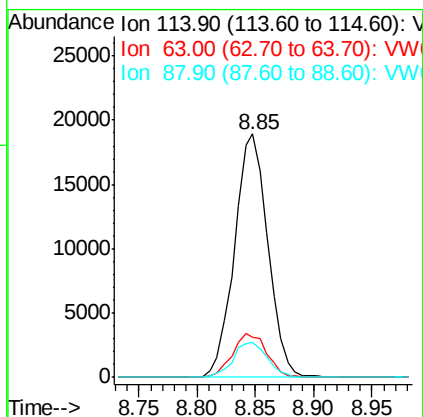
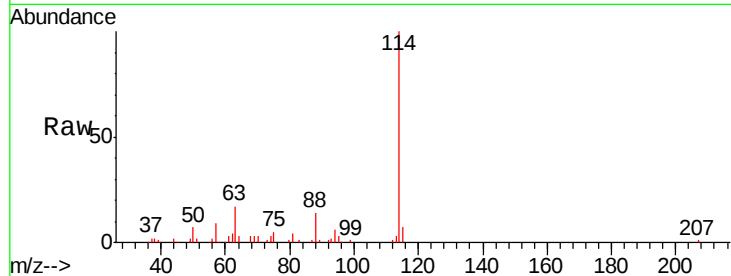




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW006203.D
 Acq: 19 Oct 2018 05:12

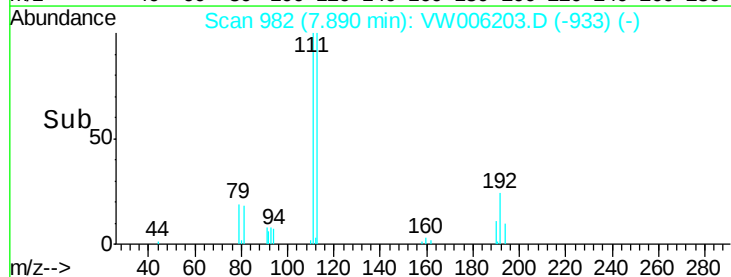
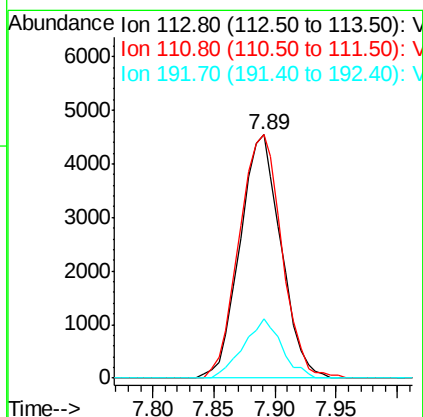
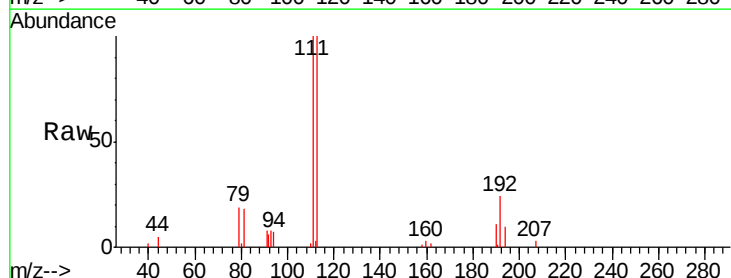
Instrument :
 MSVOA_W
 ClientSampleId :
 LS-SOIL-2

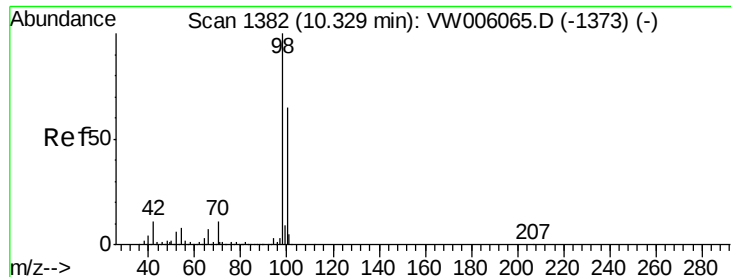
Tgt Ion:114 Resp: 37808
 Ion Ratio Lower Upper
 114 100
 63 16.6 0.0 36.8
 88 14.4 0.0 29.0



#35
 Dibromofluoromethane
 Concen: 47.30 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VW006203.D
 Acq: 19 Oct 2018 05:12

Tgt Ion:113 Resp: 10566
 Ion Ratio Lower Upper
 113 100
 111 104.1 81.4 122.0
 192 22.7 18.7 28.1





#50

Toluene-d8

Concen: 44.43 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW006203.D

Acq: 19 Oct 2018 05:12

Instrument :

MSVOA_W

ClientSampleId :

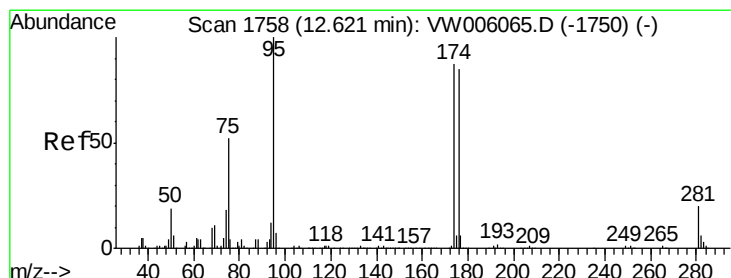
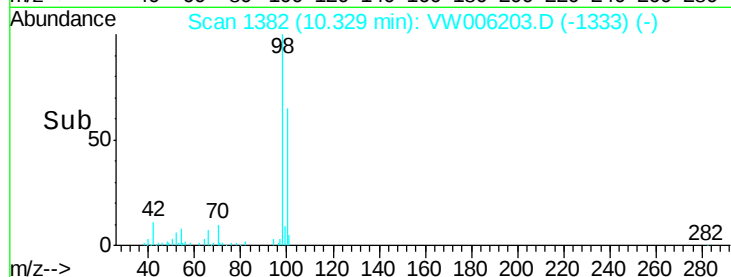
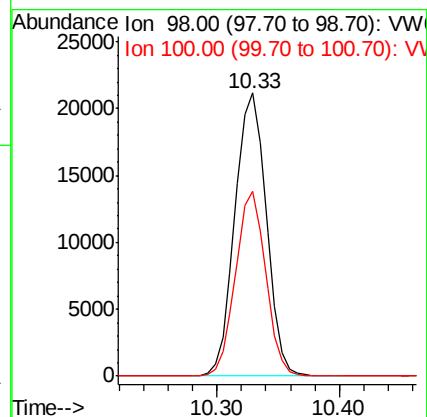
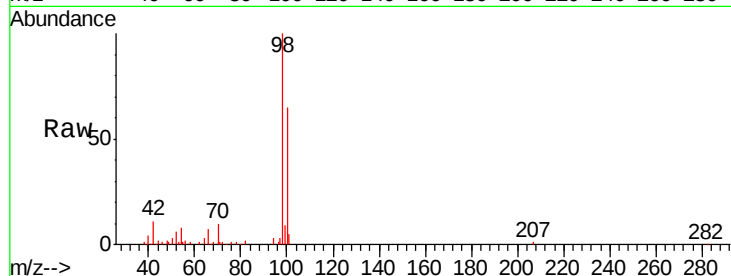
LS-SOIL-2

Tgt Ion: 98 Resp: 37760

Ion Ratio Lower Upper

98 100

100 62.4 51.6 77.4



#62

4-Bromofluorobenzene

Concen: 33.42 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW006203.D

Acq: 19 Oct 2018 05:12

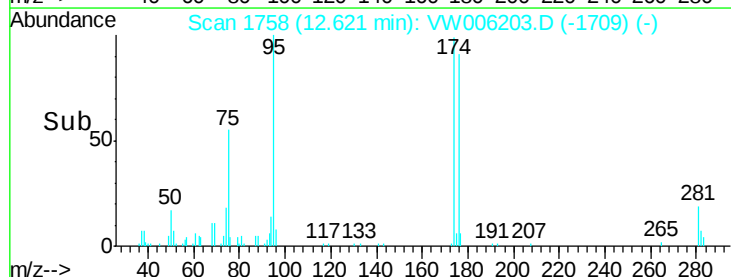
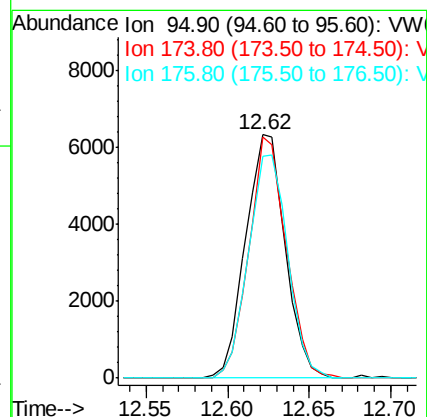
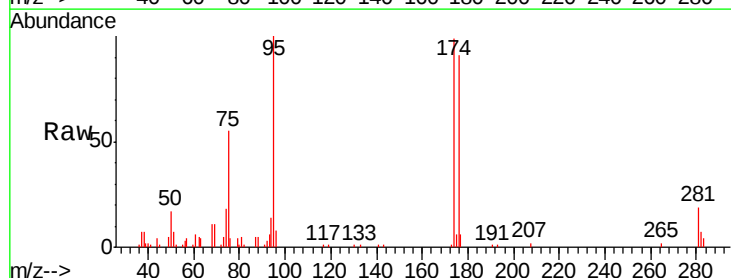
Tgt Ion: 95 Resp: 10668

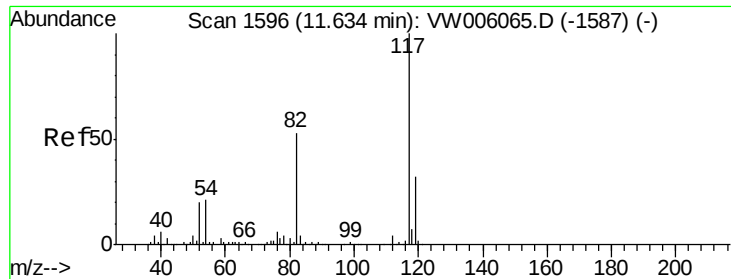
Ion Ratio Lower Upper

95 100

174 93.8 0.0 186.0

176 91.5 0.0 181.6

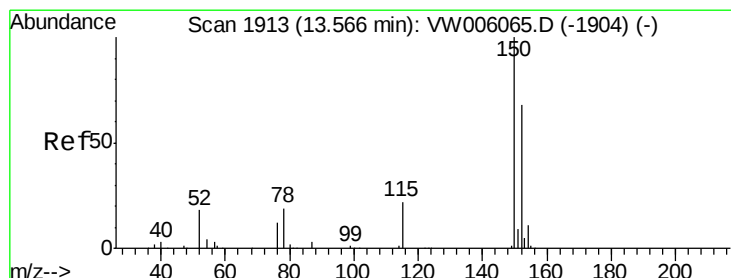
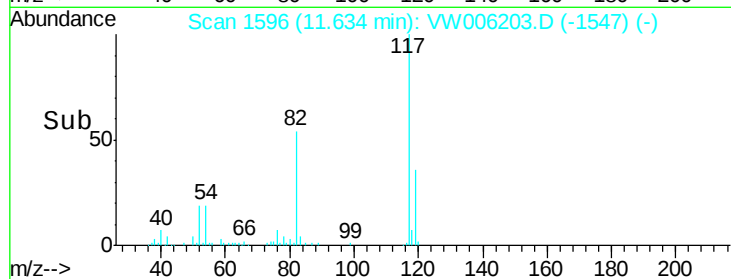
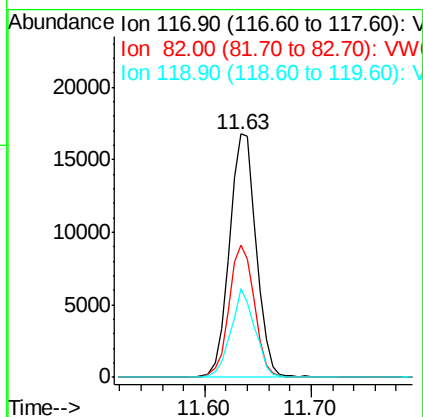
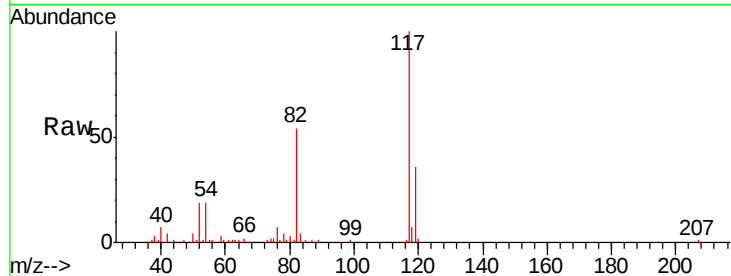




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW006203.D
Acq: 19 Oct 2018 05:12

Instrument :
MSVOA_W
ClientSampleId :
LS-SOIL-2

Tgt Ion:117 Resp: 29557
Ion Ratio Lower Upper
117 100
82 54.4 42.1 63.1
119 36.2 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. -0.00 min
Lab File: VW006203.D
Acq: 19 Oct 2018 05:12

Tgt Ion:152 Resp: 10738
Ion Ratio Lower Upper
152 100
115 57.6 27.8 83.3
150 159.1 0.0 349.2

