

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW101818\
 Data File : VW006202.D
 Acq On : 19 Oct 2018 04:46
 Operator : VA/AP
 Sample : J5590-01
 Misc : 6.81G/5ML/MSVOA_W/SOIL
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 LS-SOIL-1

Quant Time: Oct 19 08:17:12 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

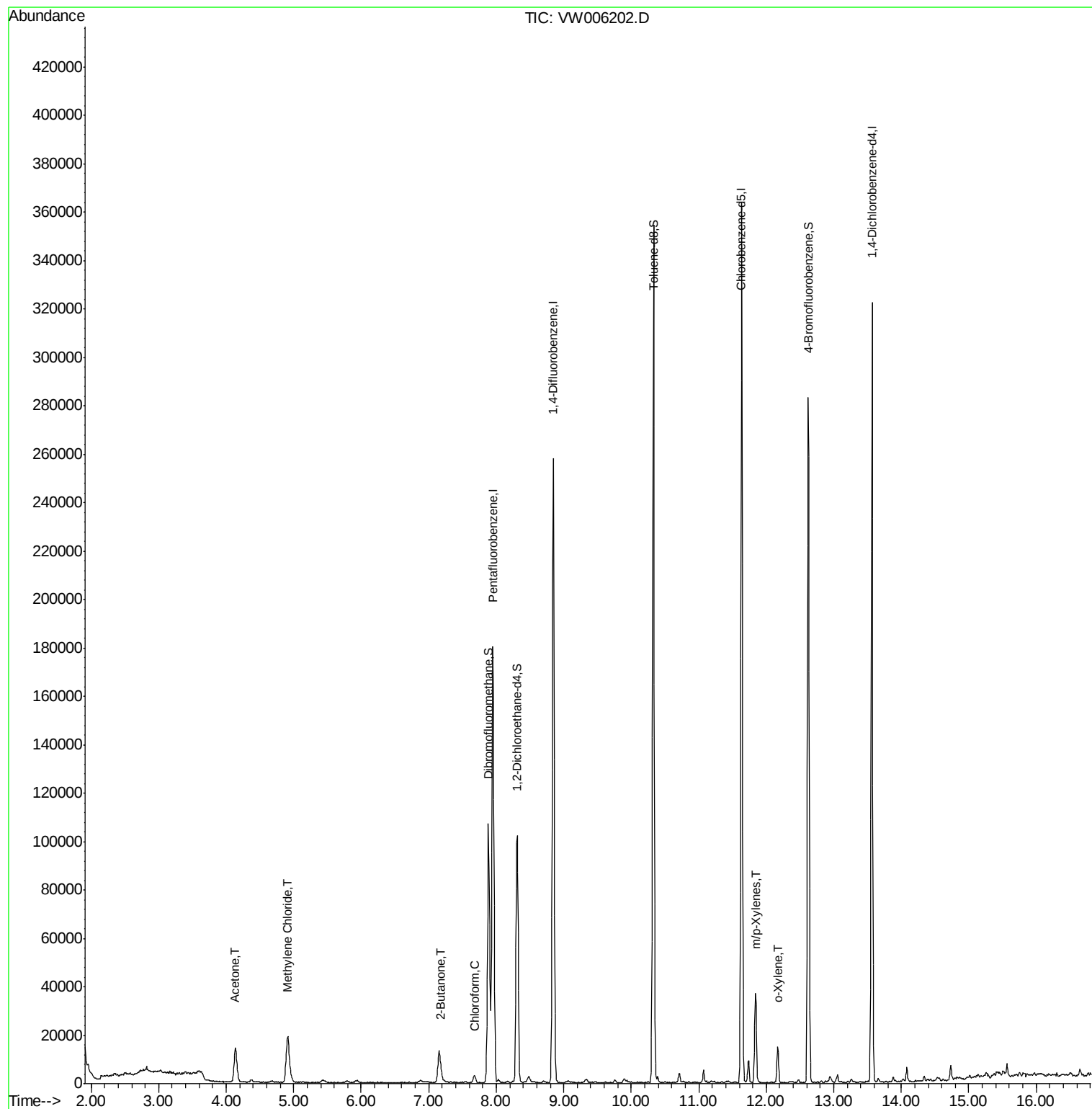
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	145507	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	229273	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	204905	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	89345	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	81292	67.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	134.78%	
35) Dibromofluoromethane	7.88	113	73934	54.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.14%	
50) Toluene-d8	10.33	98	242931	47.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.26%	
62) 4-Bromofluorobenzene	12.62	95	84676	43.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.48%	
Target Compounds						
16) Acetone	4.14	43	27262	112.31	ug/l	Qvalue 100
20) Methylene Chloride	4.92	84	16064	11.33	ug/l	95
25) 2-Butanone	7.18	43	3998	12.27	ug/l	90
30) Chloroform	7.68	83	2955	1.22	ug/l	97
68) m/p-Xylenes	11.84	106	11832	3.94	ug/l	99
69) o-Xylene	12.17	106	4124	1.44	ug/l	94

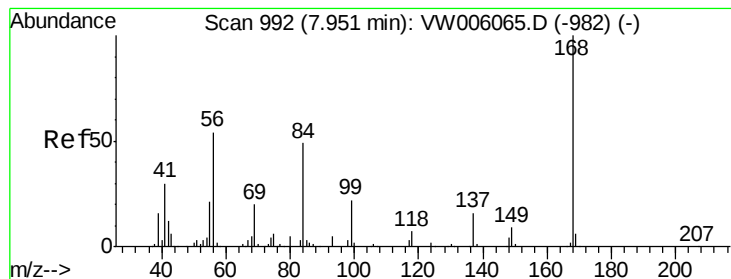
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Oct 19 08:17:12 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 18 17:01:24 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW006202.D

Acq: 19 Oct 2018 04:46

Instrument :

MSVOA_W

ClientSampleId :

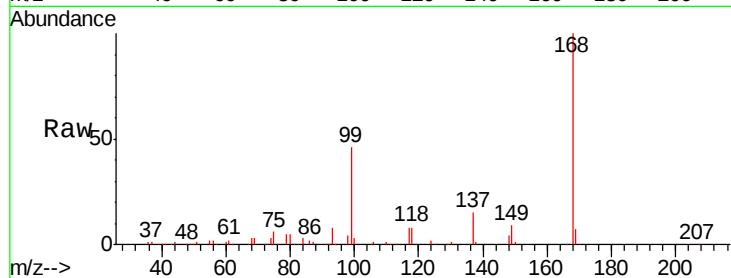
LS-SOIL-1

Tgt Ion:168 Resp: 145507

Ion Ratio Lower Upper

168 100

99 46.4 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

60000

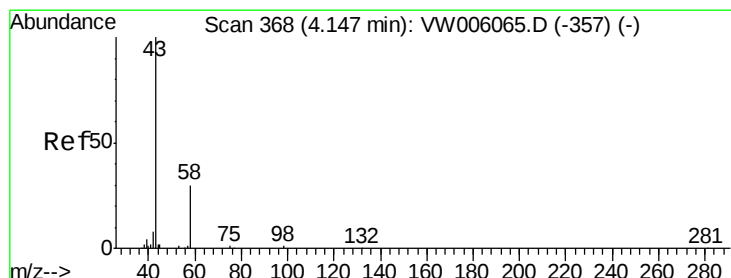
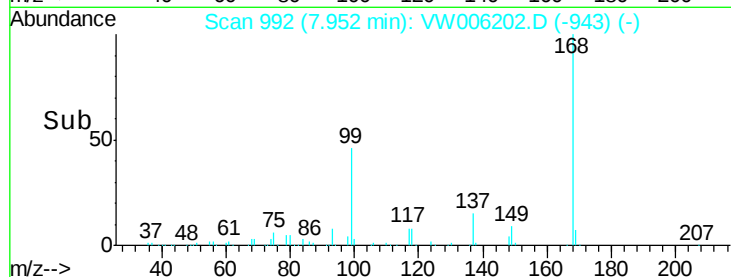
40000

20000

0

7.90 8.00 8.10

Time-->



#16

Acetone

Concen: 112.31 ug/l

RT: 4.14 min Scan# 366

Delta R.T. -0.01 min

Lab File: VW006202.D

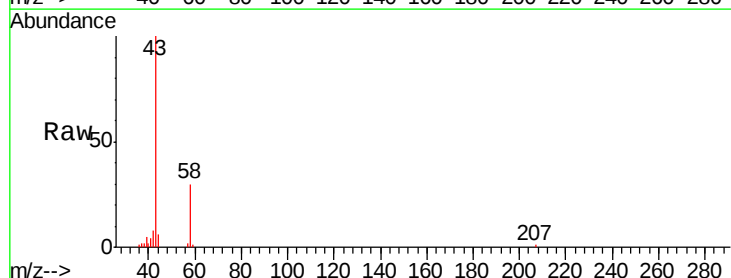
Acq: 19 Oct 2018 04:46

Tgt Ion: 43 Resp: 27262

Ion Ratio Lower Upper

43 100

58 29.8 24.0 36.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

10000

8000

6000

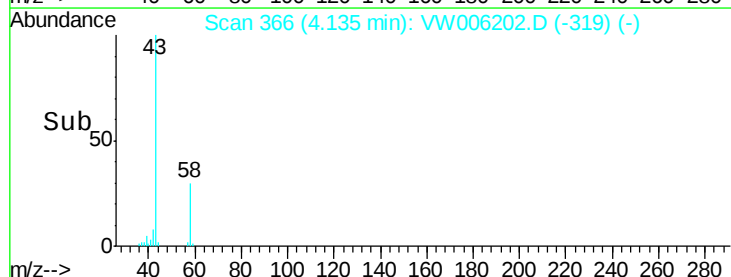
4000

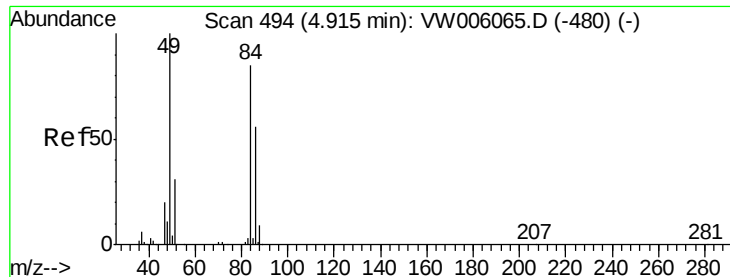
2000

0

4.00 4.10 4.20 4.30

Time-->





#20

Methylene Chloride

Concen: 11.33 ug/l

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

Lab File: VW006202.D

Acq: 19 Oct 2018 04:46

Instrument :

MSVOA_W

ClientSampleId :

LS-SOIL-1

Tgt Ion: 84 Resp: 16064

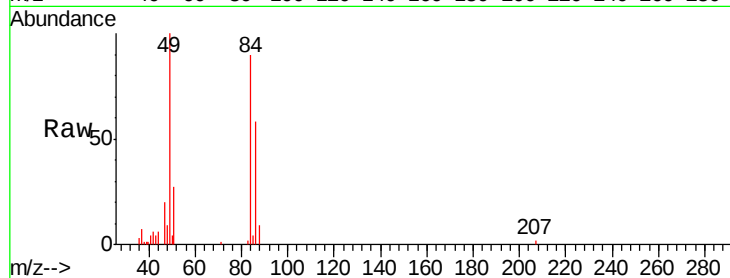
Ion Ratio Lower Upper

84 100

49 110.9 93.6 140.4

51 30.2 29.0 43.4

86 64.7 52.6 79.0



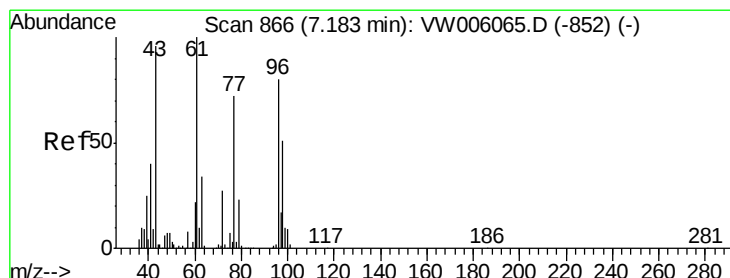
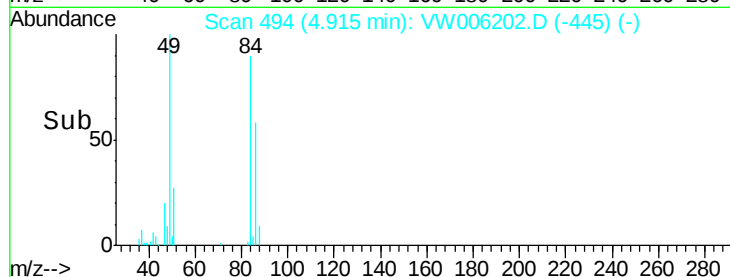
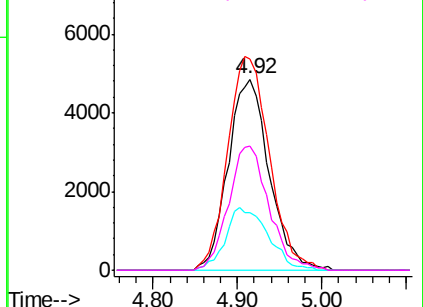
Abundance

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



#25

2-Butanone

Concen: 12.27 ug/l

RT: 7.18 min Scan# 866

Delta R.T. 0.00 min

Lab File: VW006202.D

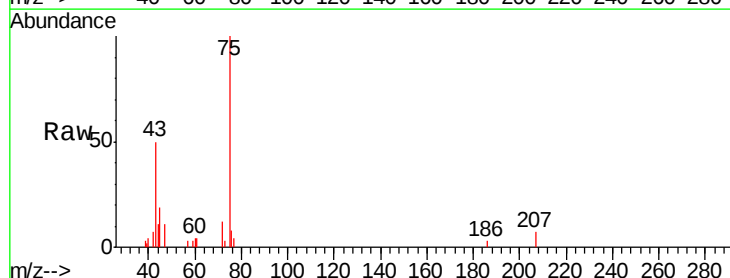
Acq: 19 Oct 2018 04:46

Tgt Ion: 43 Resp: 3998

Ion Ratio Lower Upper

43 100

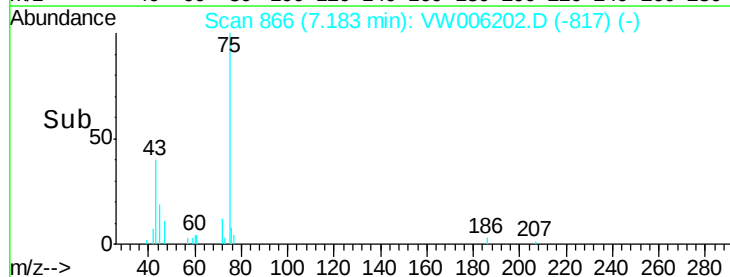
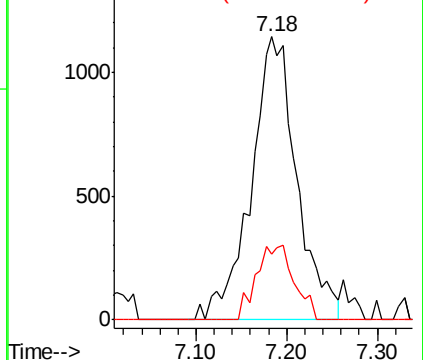
72 23.4 22.8 34.2

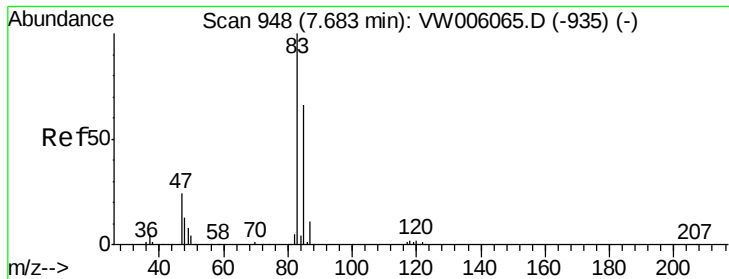


Abundance

Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW

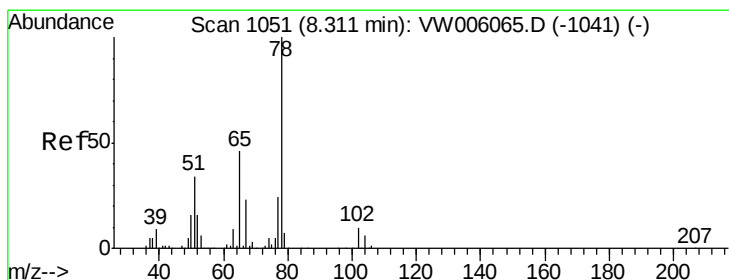
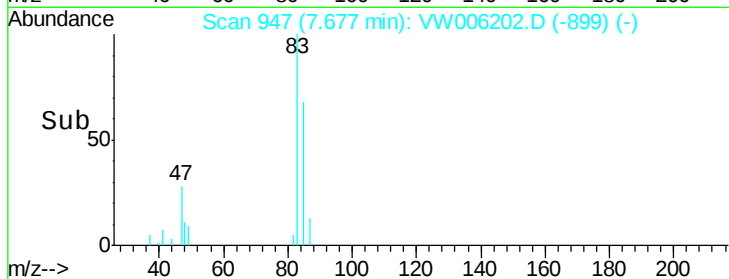
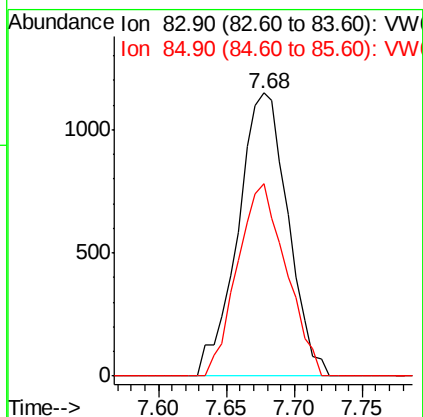
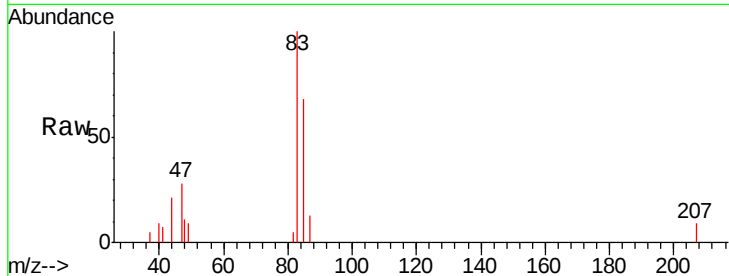




#30
Chloroform
Concen: 1.22 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.01 min
Lab File: VW006202.D
Acq: 19 Oct 2018 04:46

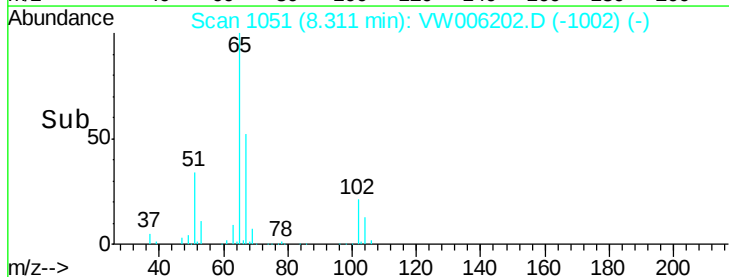
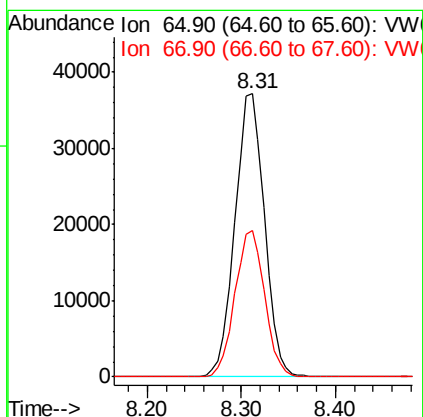
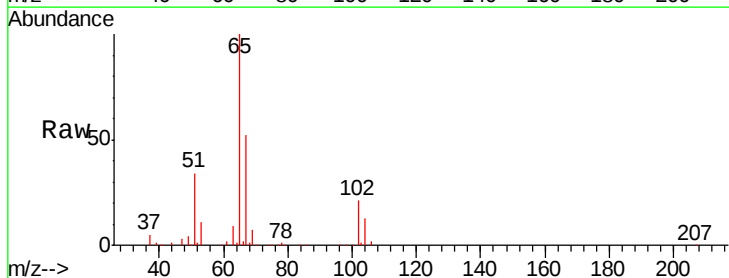
Instrument :
MSVOA_W
ClientSampleId :
LS-SOIL-1

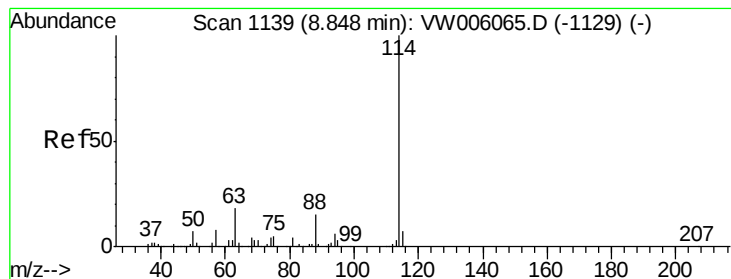
Tgt Ion: 83 Resp: 2955
Ion Ratio Lower Upper
83 100
85 67.9 52.6 79.0



#33
1,2-Dichloroethane-d4
Concen: 67.39 ug/l
RT: 8.31 min Scan# 1051
Delta R.T. 0.00 min
Lab File: VW006202.D
Acq: 19 Oct 2018 04:46

Tgt Ion: 65 Resp: 81292
Ion Ratio Lower Upper
65 100
67 51.9 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: VW006202.D

Acq: 19 Oct 2018 04:46

Instrument :

MSVOA_W

ClientSampleId :

LS-SOIL-1

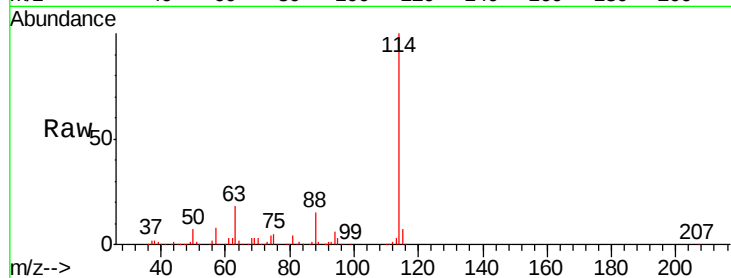
Tgt Ion:114 Resp: 229273

Ion Ratio Lower Upper

114 100

63 18.0 0.0 36.8

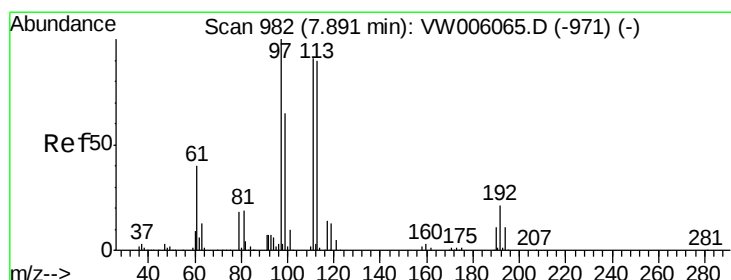
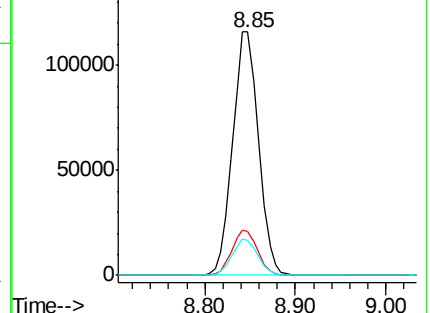
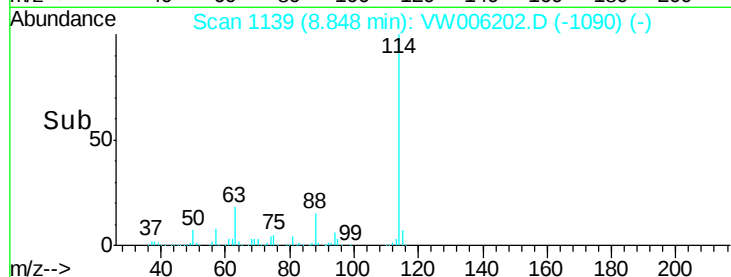
88 14.5 0.0 29.0



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: 54.57 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.01 min

Lab File: VW006202.D

Acq: 19 Oct 2018 04:46

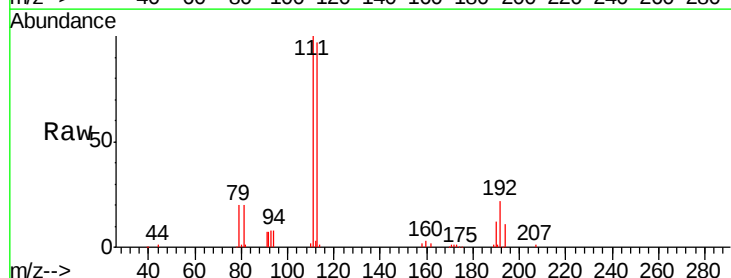
Tgt Ion:113 Resp: 73934

Ion Ratio Lower Upper

113 100

111 102.5 81.4 122.0

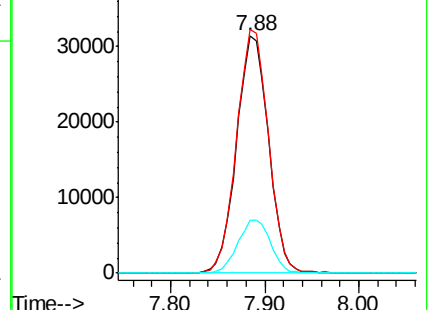
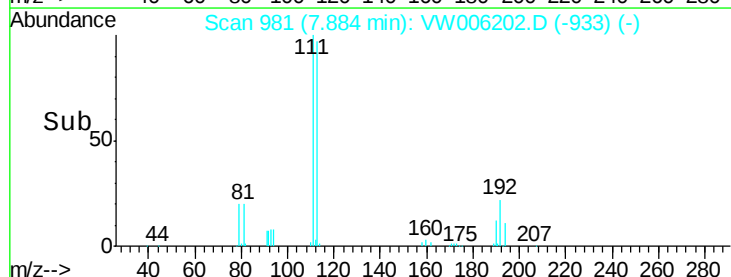
192 22.9 18.7 28.1

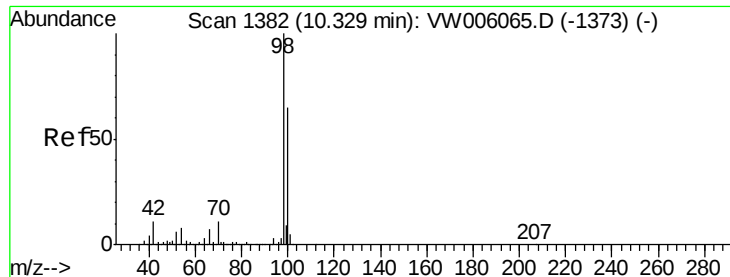


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 47.13 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW006202.D

Acq: 19 Oct 2018 04:46

Instrument :

MSVOA_W

ClientSampled :

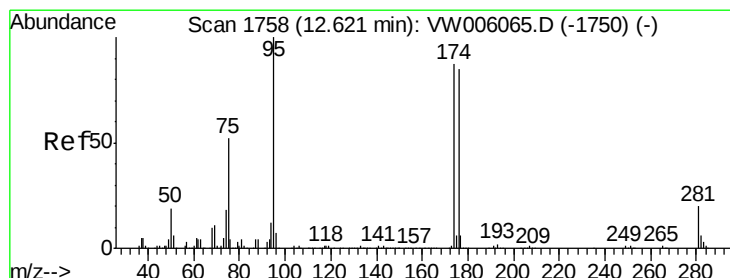
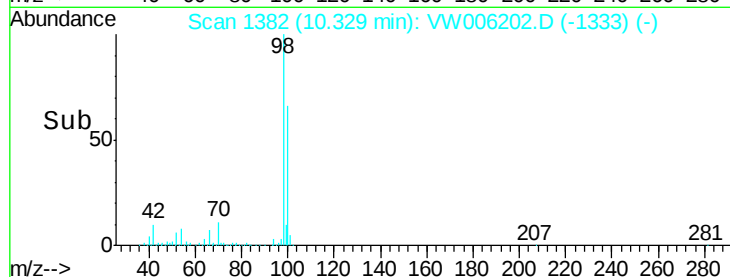
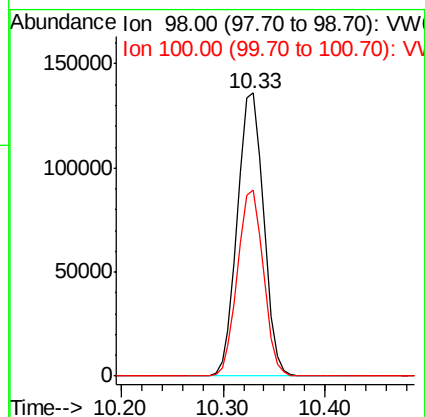
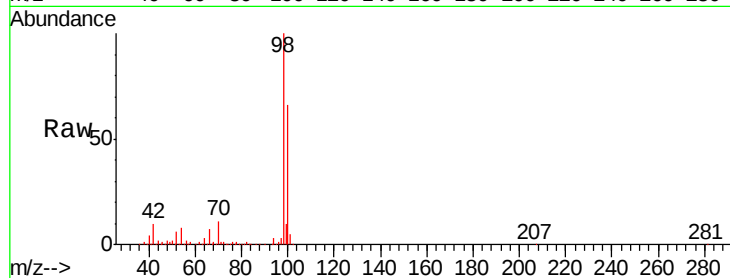
LS-SOIL-1

Tgt Ion: 98 Resp: 242931

Ion Ratio Lower Upper

98 100

100 64.7 51.6 77.4



#62

4-Bromofluorobenzene

Concen: 43.74 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW006202.D

Acq: 19 Oct 2018 04:46

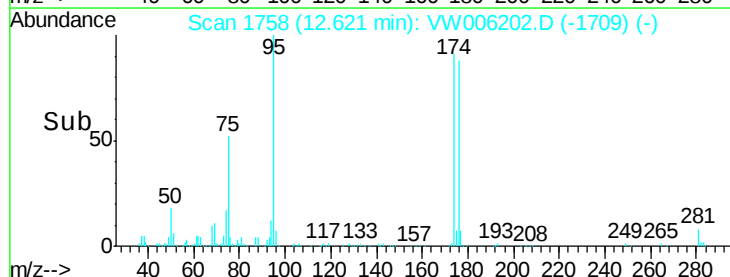
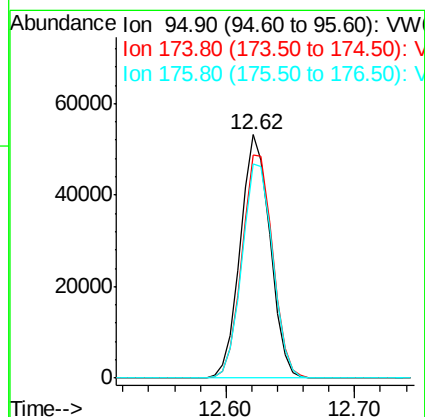
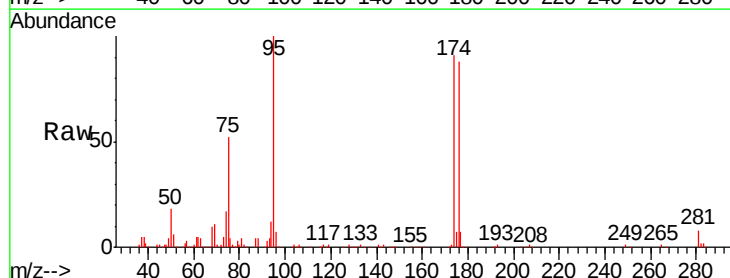
Tgt Ion: 95 Resp: 84676

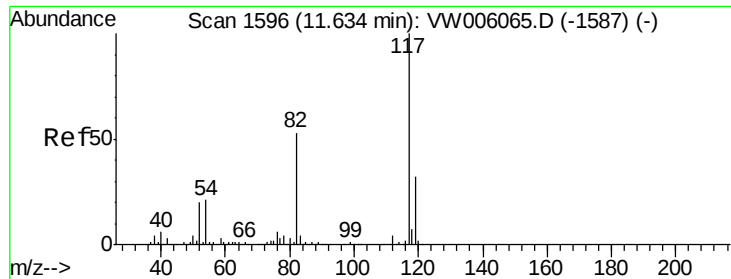
Ion Ratio Lower Upper

95 100

174 94.3 0.0 186.0

176 90.8 0.0 181.6

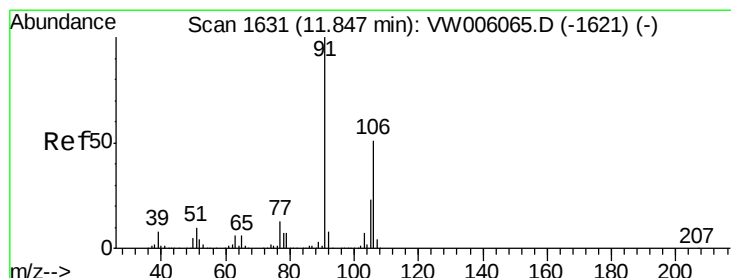
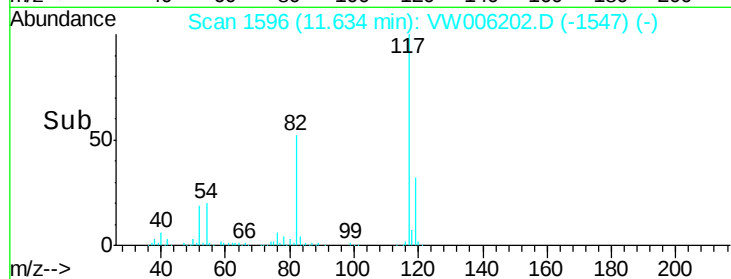
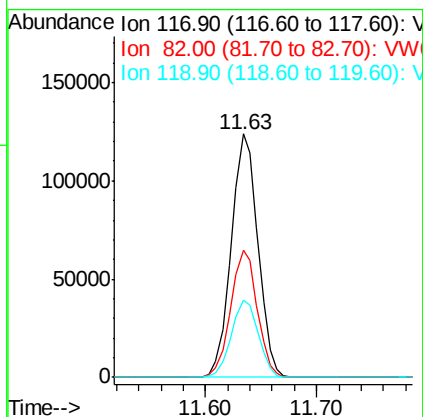
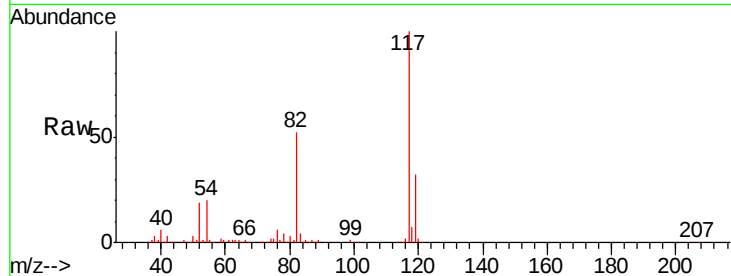




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006202.D
Acq: 19 Oct 2018 04:46

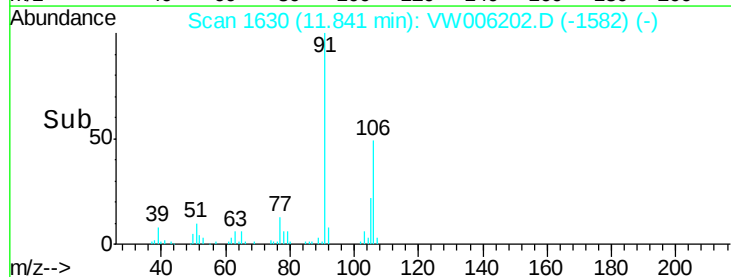
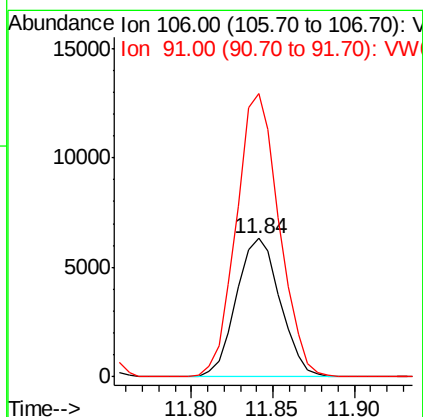
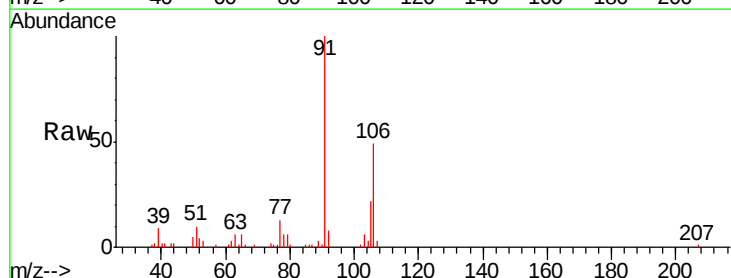
Instrument :
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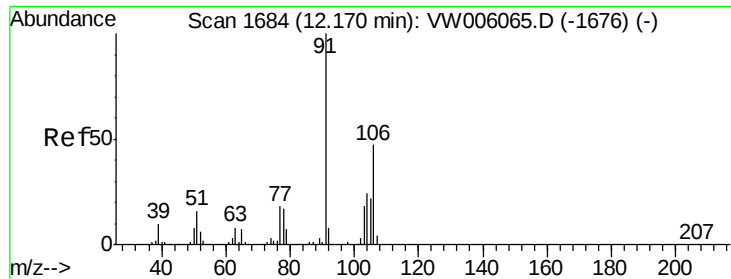
Tgt Ion:117 Resp: 204905
Ion Ratio Lower Upper
117 100
82 52.2 42.1 63.1
119 31.9 25.8 38.6



#68
m/p-Xylenes
Concen: 3.94 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.01 min
Lab File: VW006202.D
Acq: 19 Oct 2018 04:46

Tgt Ion:106 Resp: 11832
Ion Ratio Lower Upper
106 100
91 200.0 159.1 238.7

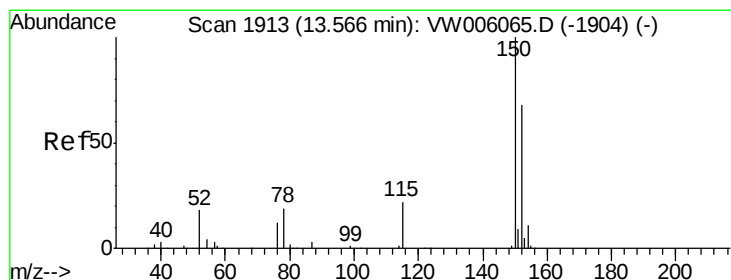
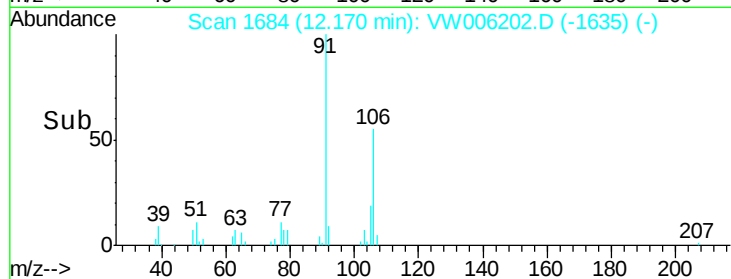
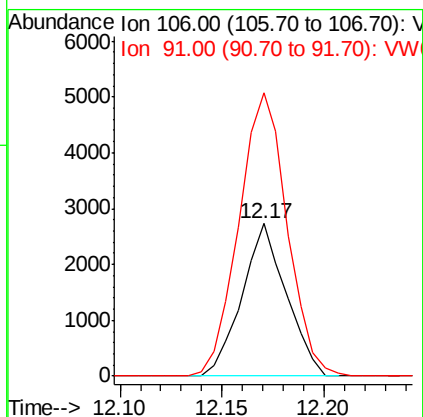
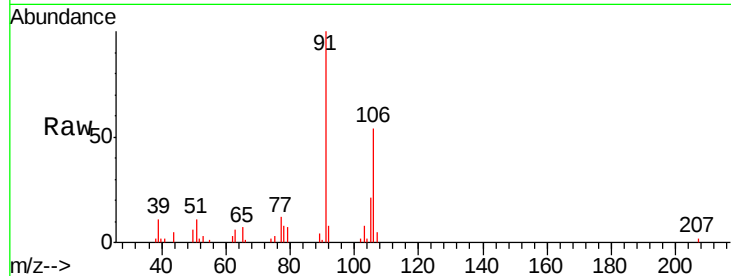




#69
o-Xylene
Concen: 1.44 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW006202.D
Acq: 19 Oct 2018 04:46

Instrument :
MSVOA_W
ClientSampleId :
LS-SOIL-1

Tgt Ion:106 Resp: 4124
Ion Ratio Lower Upper
106 100
91 201.7 105.4 316.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.00 min
Lab File: VW006202.D
Acq: 19 Oct 2018 04:46

Tgt Ion:152 Resp: 89345
Ion Ratio Lower Upper
152 100
115 54.1 27.8 83.3
150 156.8 0.0 349.2

