

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW092218\
 Data File : VW005557.D
 Acq On : 21 Sep 2018 13:57
 Operator : VA/AP
 Sample : J5021-13RE
 Misc : 7.32G/5ML/MSVOA W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 LS-SOIL-DRE

Quant Time: Sep 21 16:32:20 2018
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W092118S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 21 09:05:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	10336	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	16720	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	17977	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	7291	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.32	65	6314	51.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.70%	
35) Dibromofluoromethane	7.89	113	4566	43.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.86%	
50) Toluene-d8	10.33	98	17241	40.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	80.54%	
62) 4-Bromofluorobenzene	12.63	95	6200	39.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	78.28%	

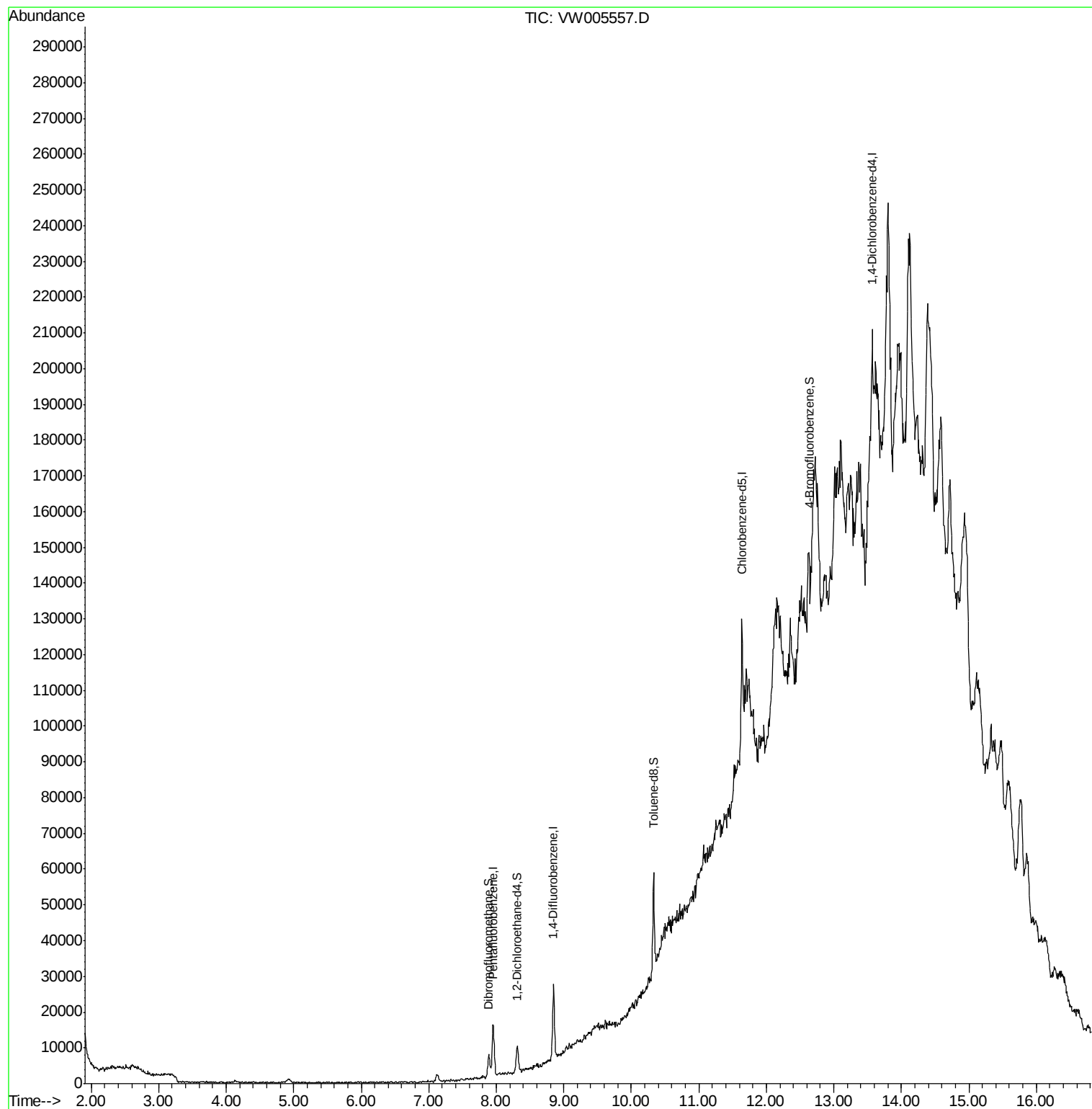
Target Compounds	Qvalue

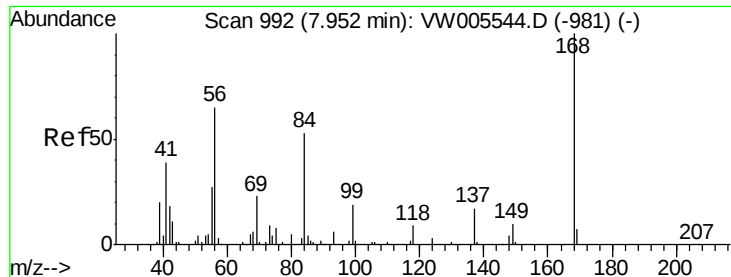
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW005557.D

Acq: 21 Sep 2018 13:57

Instrument :

MSVOA_W

ClientSampleId :

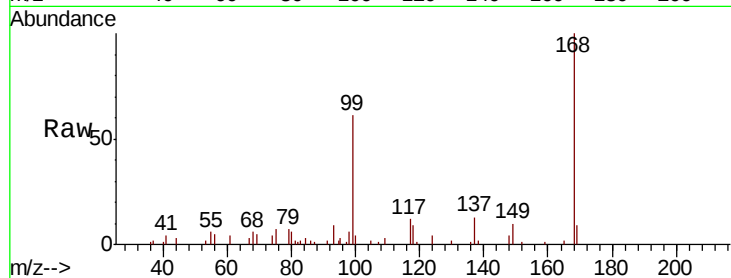
LS-SOIL-DRE

Tot Ion:168 Resp: 10336

Ion Ratio Lower Upper

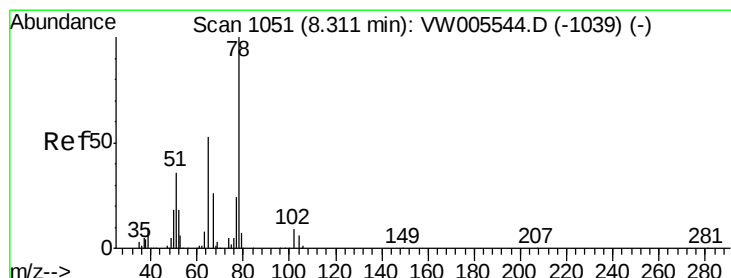
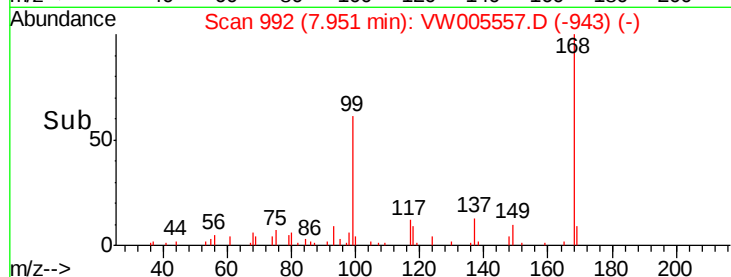
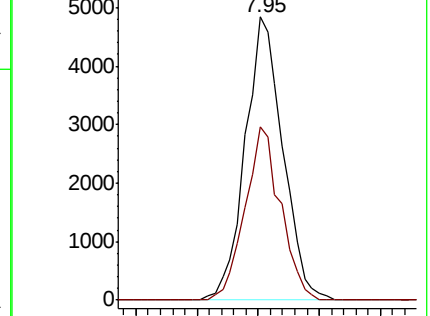
168 100

99 61.2 48.4 72.6



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW



#33

1,2-Dichloroethane-d4

Concen: 51.854 ug/l

RT: 8.32 min Scan# 1052

Delta R.T. 0.01 min

Lab File: VW005557.D

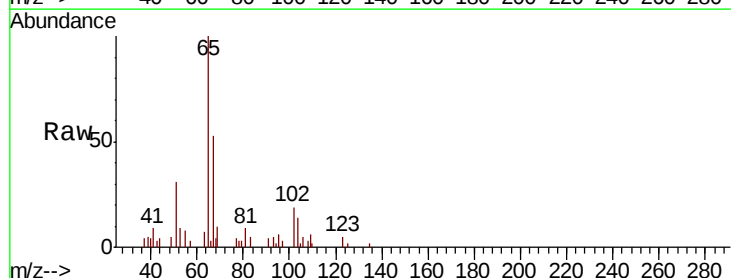
Acq: 21 Sep 2018 13:57

Tgt Ion: 65 Resp: 6314

Ion Ratio Lower Upper

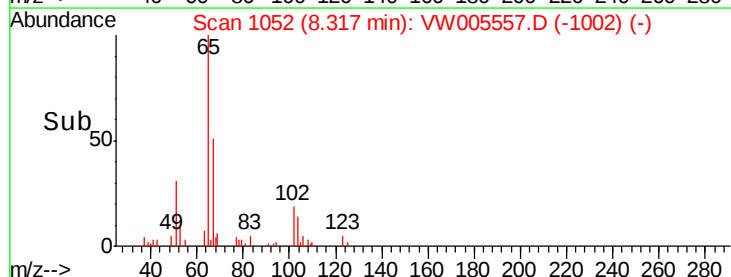
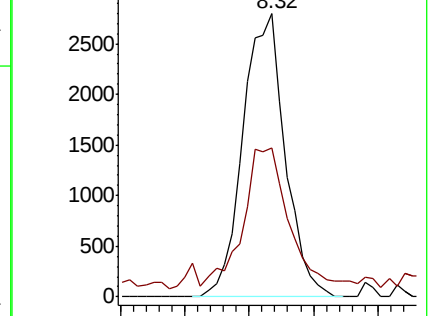
65 100

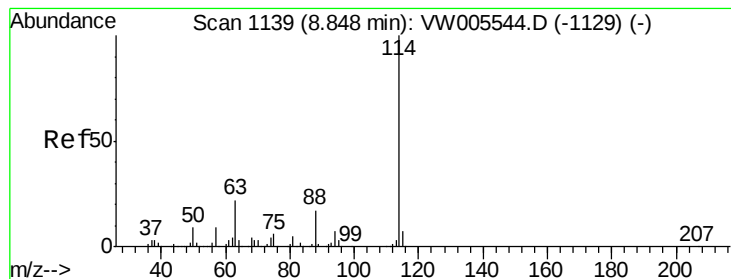
67 51.9 0.0 100.6



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: 8.85 min Scan# 1139

Delta R.T. -0.00 min

Lab File: VW005557.D

Acq: 21 Sep 2018 13:57

Instrument :

MSVOA_W

ClientSampled :

LS-SOIL-DRE

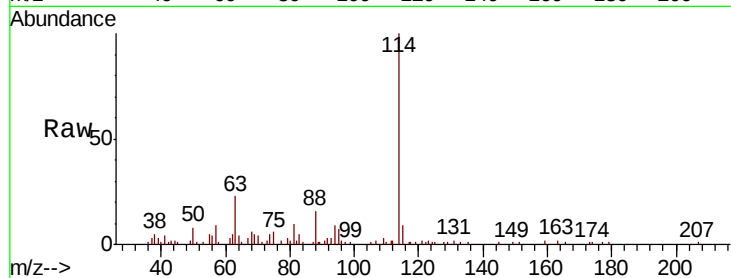
Tot Ion:114 Resp: 16720

Ion Ratio Lower Upper

114 100

63 22.6 0.0 43.0

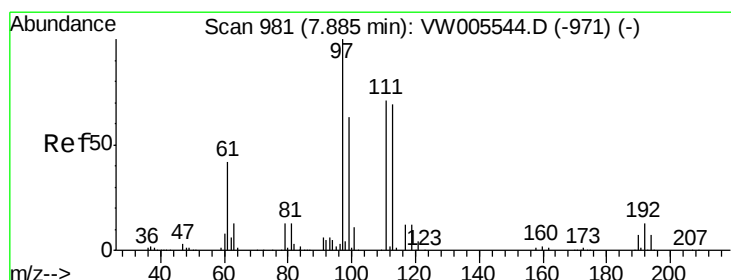
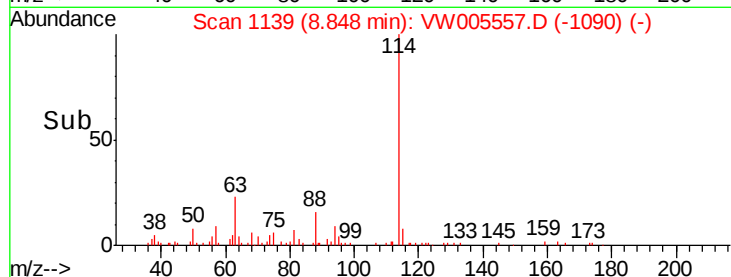
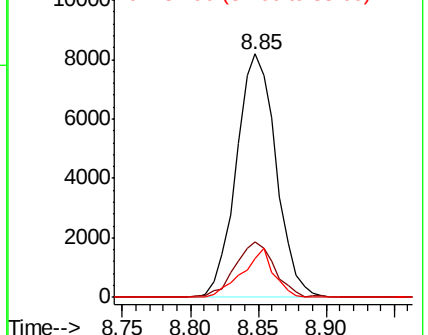
88 16.0 0.0 33.0



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: 43.426 ug/l

RT: 7.89 min Scan# 982

Delta R.T. 0.01 min

Lab File: VW005557.D

Acq: 21 Sep 2018 13:57

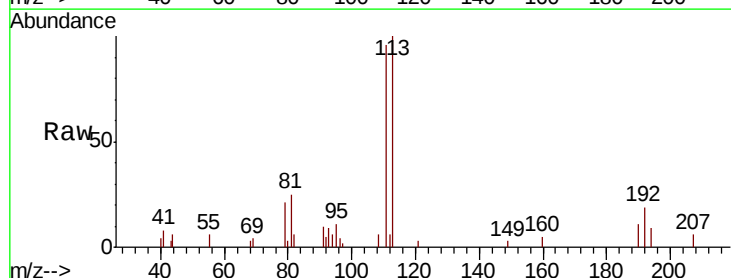
Tgt Ion:113 Resp: 4566

Ion Ratio Lower Upper

113 100

111 102.2 82.6 123.8

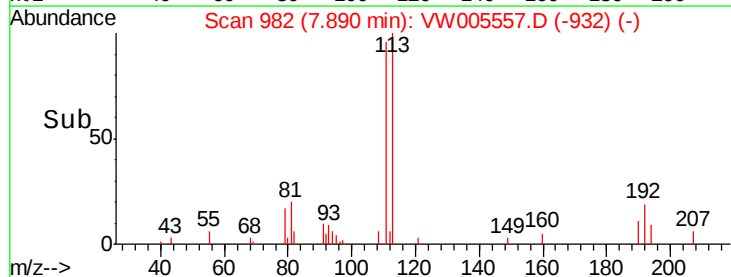
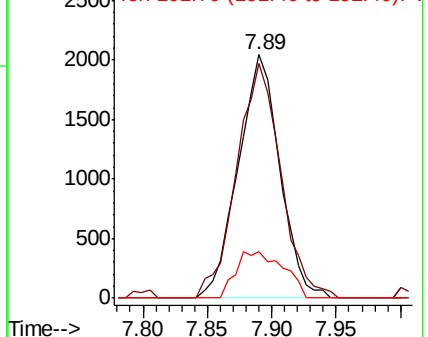
192 21.8 17.0 25.4

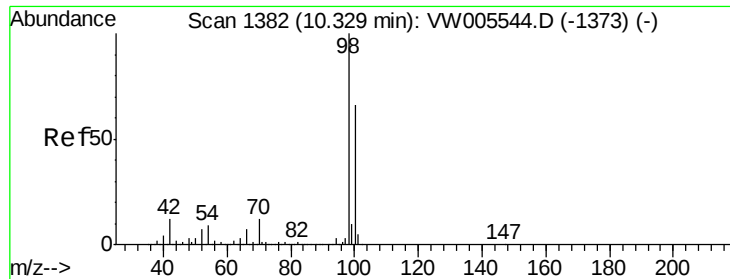


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

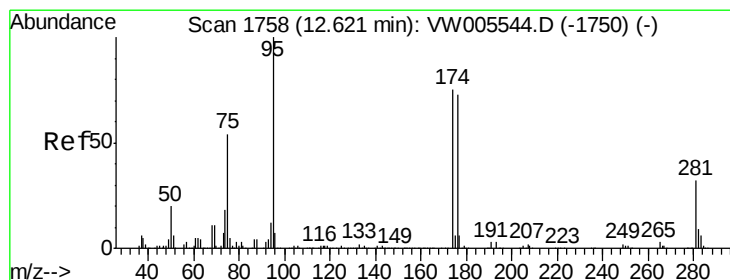
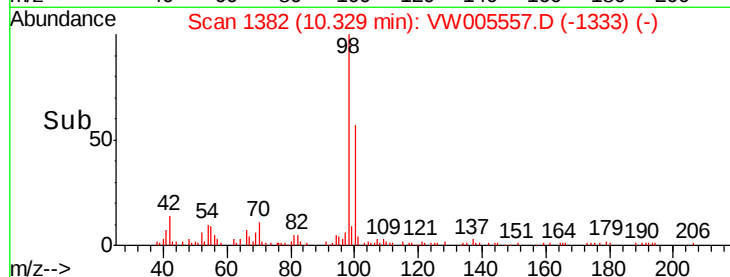
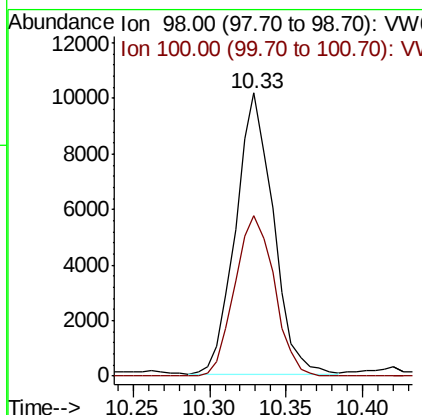
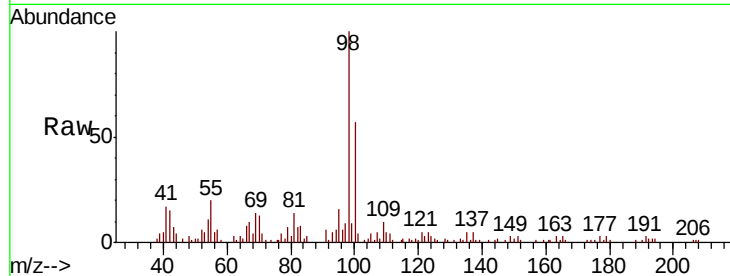




#50
Toluene-d8
Concen: 40.270 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VW005557.D
Acq: 21 Sep 2018 13:57

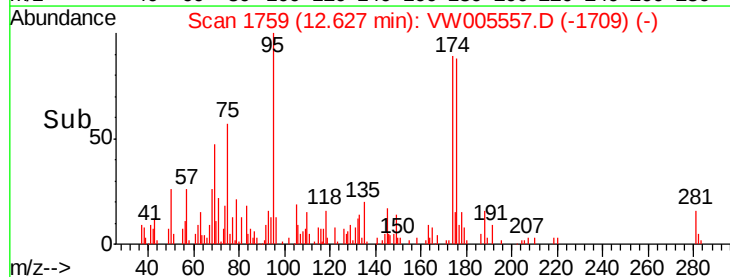
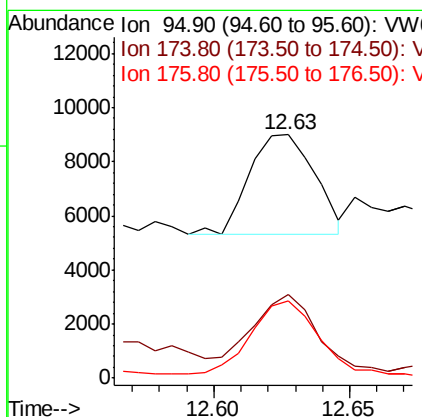
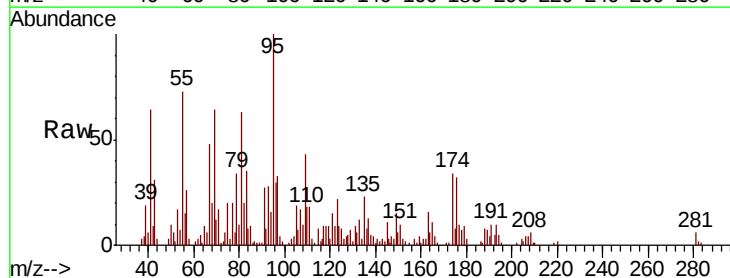
Instrument :
MSVOA_W
ClientSampleId :
LS-SOIL-DRE

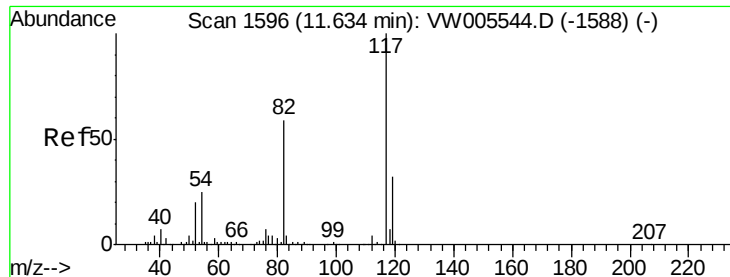
Tot Ion: 98 Resp: 17241
Ion Ratio Lower Upper
98 100
100 60.0 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 39.137 ug/l
RT: 12.63 min Scan# 1759
Delta R.T. 0.01 min
Lab File: VW005557.D
Acq: 21 Sep 2018 13:57

Tgt Ion: 95 Resp: 6200
Ion Ratio Lower Upper
95 100
174 76.7 0.0 163.8
176 75.5 0.0 158.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.64 min Scan# 1597

Delta R.T. 0.01 min

Lab File: VW005557.D

Acq: 21 Sep 2018 13:57

Instrument :

MSVOA_W

ClientSampled :

LS-SOIL-DRE

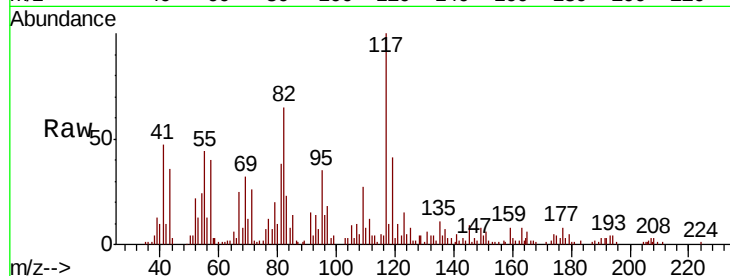
Tot Ion:117 Resp: 17977

Ion Ratio Lower Upper

117 100

82 59.6 46.9 70.3

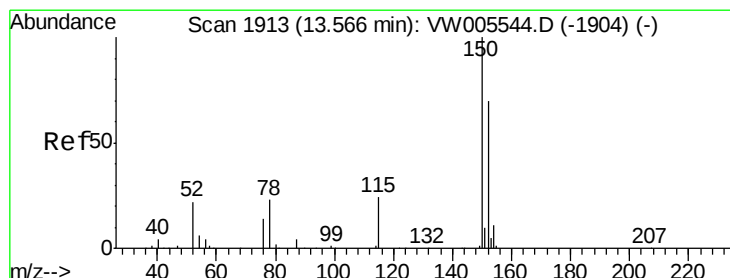
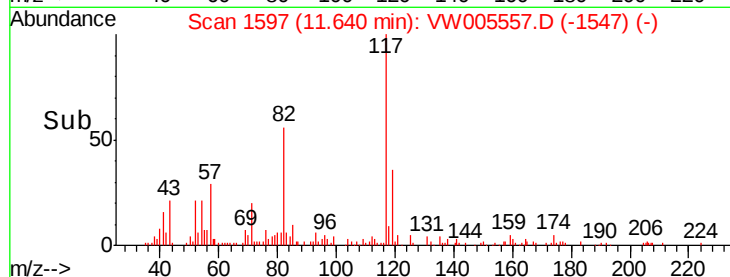
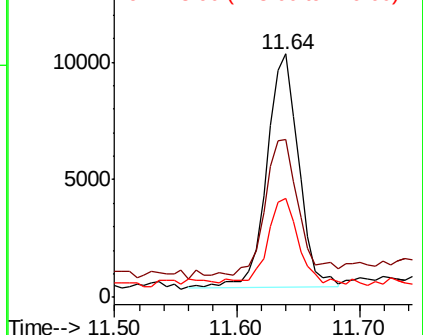
119 35.8 25.7 38.5



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. -0.00 min

Lab File: VW005557.D

Acq: 21 Sep 2018 13:57

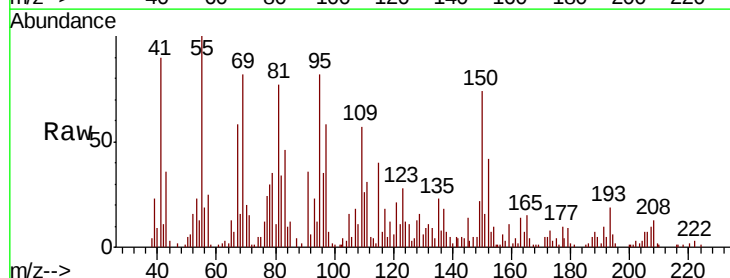
Tgt Ion:152 Resp: 7291

Ion Ratio Lower Upper

152 100

115 98.3 30.0 90.0#

150 144.9 0.0 348.6



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

