

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092218\
 Data File : VW005558.D
 Acq On : 21 Sep 2018 14:23
 Operator : VA/AP
 Sample : J5021-17
 Misc : 6.23G/5ML/MSVOA W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 LS-SOIL-E

Quant Time: Sep 21 16:36:07 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W092118S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 21 09:05:42 2018
 Response via : Initial Calibration

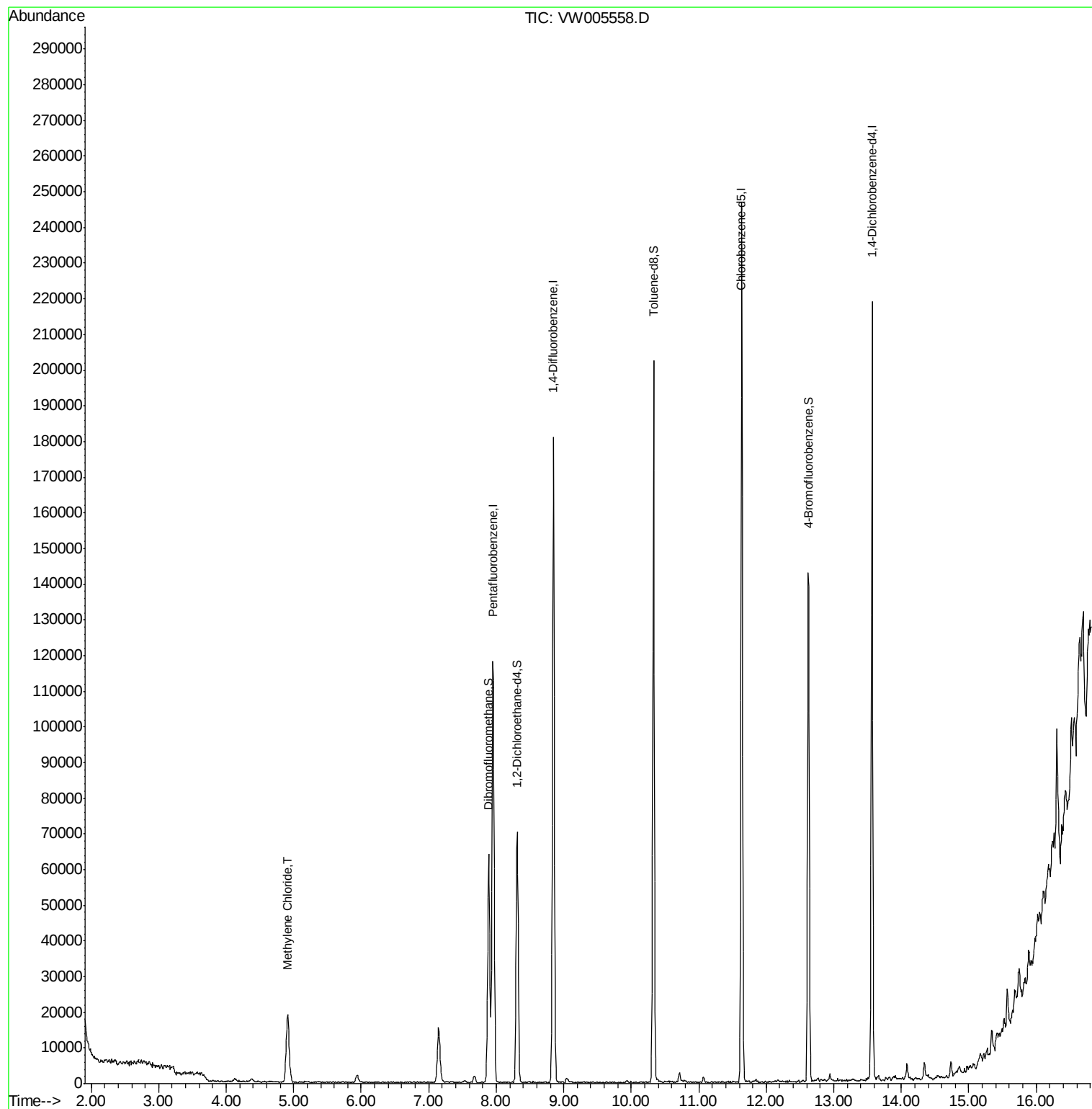
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	87956	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	144956	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	135322	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	57275	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	57736	55.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.44%	
35) Dibromofluoromethane	7.89	113	44130	48.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.82%	
50) Toluene-d8	10.33	98	131459	35.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	70.84%	
62) 4-Bromofluorobenzene	12.62	95	45728	33.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	66.58%	
Target Compounds						
20) Methylene Chloride	4.92	84	14141	13.126	ug/l	Qvalue 96

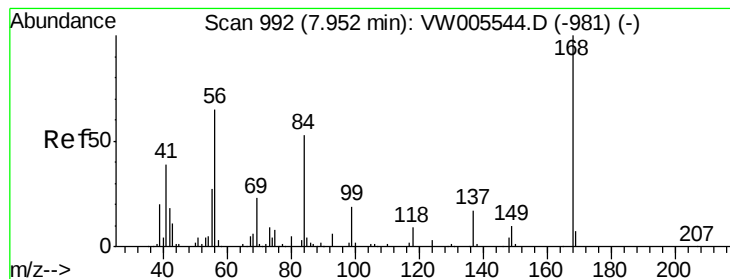
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW092218\
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Quant Title : SW846 8260
QLast Update : Fri Sep 21 09:05:42 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW005558.D

Acq: 21 Sep 2018 14:23

Instrument :

MSVOA_W

ClientSampleId :

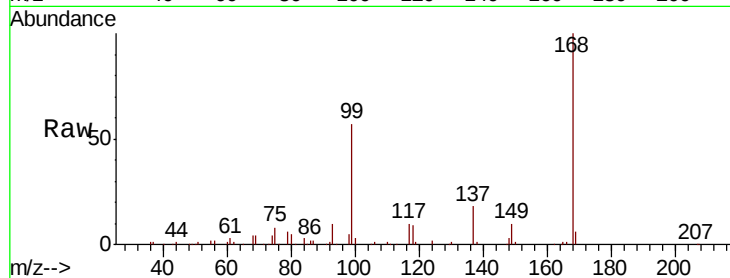
LS-SOIL-E

Tot Ion:168 Resp: 87956

Ion Ratio Lower Upper

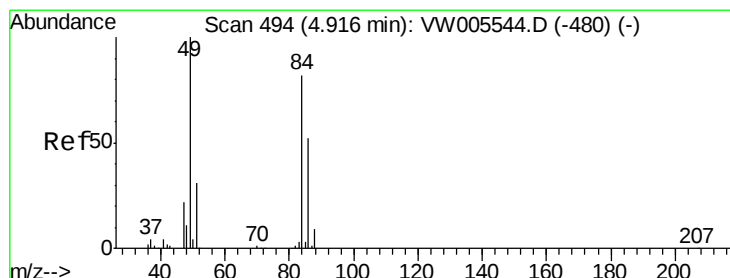
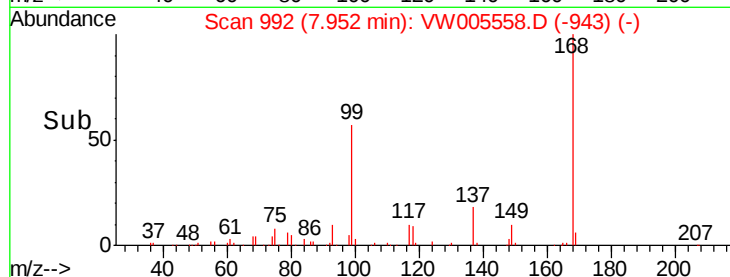
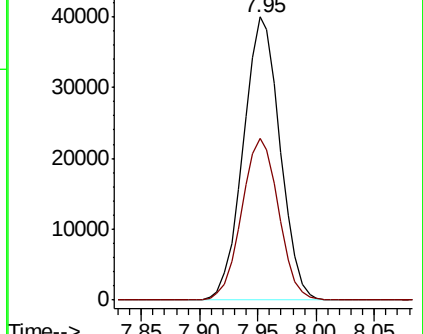
168 100

99 57.3 48.4 72.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#20

Methylene Chloride

Concen: 13.126 ug/l

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

Lab File: VW005558.D

Acq: 21 Sep 2018 14:23

Tgt Ion: 84 Resp: 14141

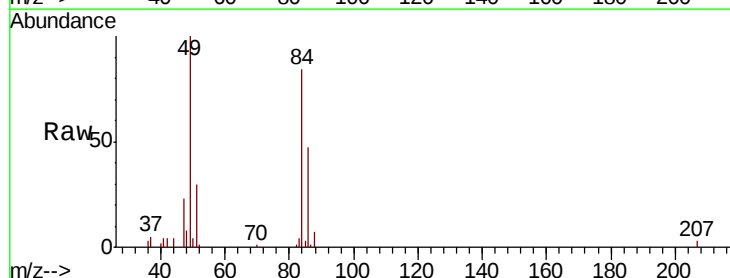
Ion Ratio Lower Upper

84 100

49 119.7 97.0 145.6

51 35.7 30.2 45.2

86 56.8 50.2 75.4

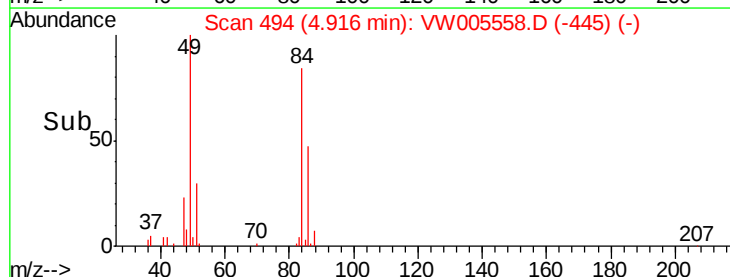
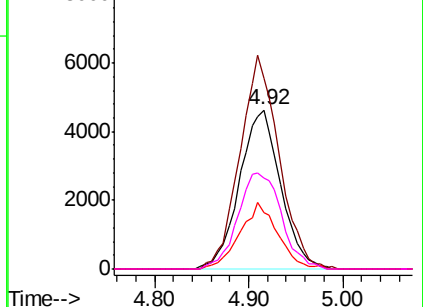


Abundance Ion 83.90 (83.60 to 84.60): VW

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

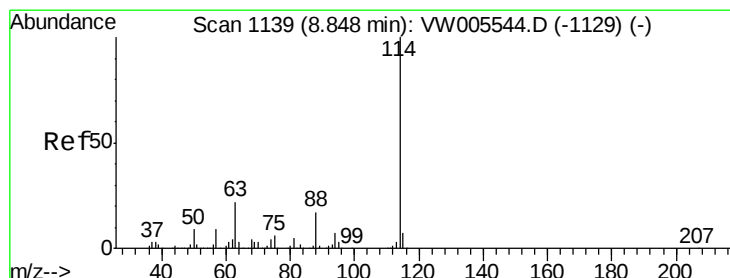
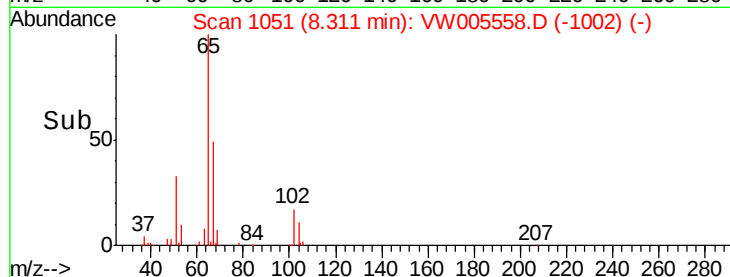
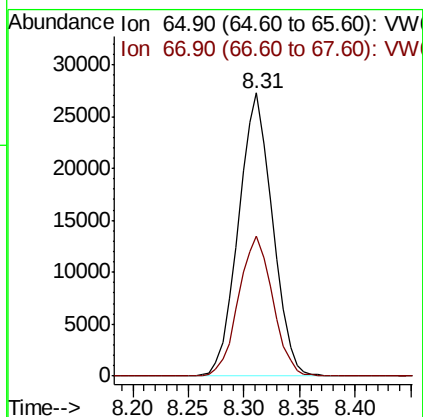
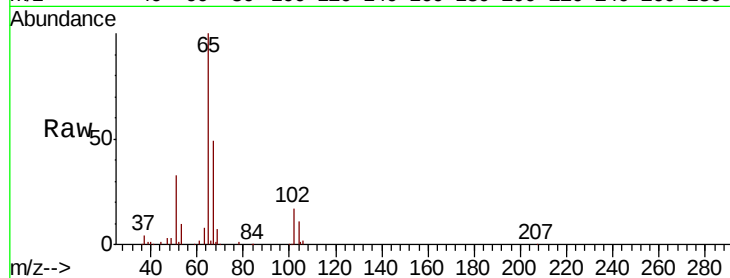




#33
 1,2-Dichloroethane-d4
 Concen: 55.720 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VW005558.D
 Acq: 21 Sep 2018 14:23

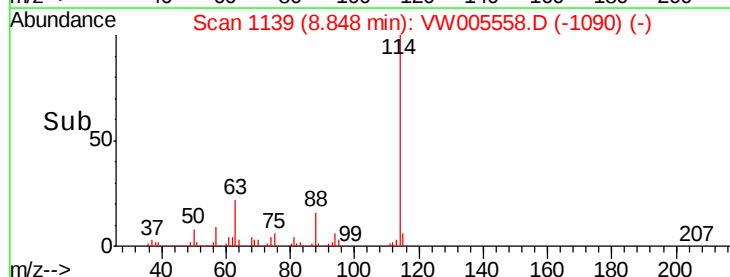
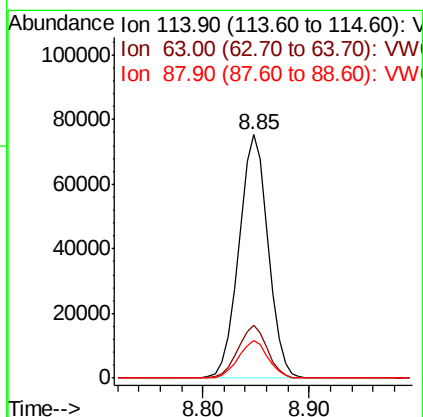
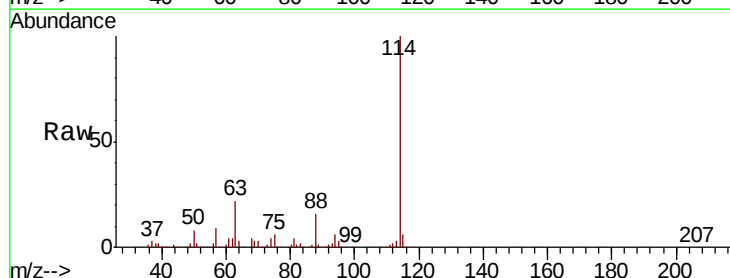
Instrument :
 MSVOA_W
 ClientSampleId :
 LS-SOIL-E

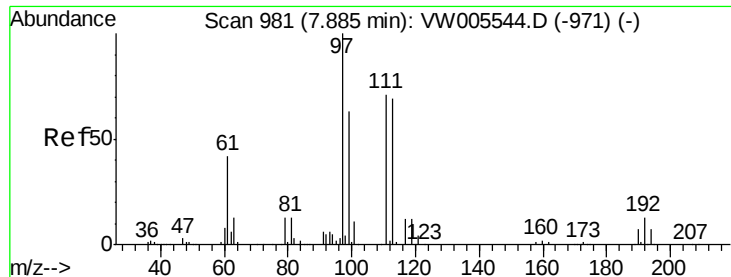
Tot Ion: 65 Resp: 57736
 Ion Ratio Lower Upper
 65 100
 67 49.7 0.0 100.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW005558.D
 Acq: 21 Sep 2018 14:23

Tgt Ion: 114 Resp: 144956
 Ion Ratio Lower Upper
 114 100
 63 21.7 0.0 43.0
 88 15.6 0.0 33.0





#35

Dibromofluoromethane

Concen: 48.411 ug/l

RT: 7.89 min Scan# 982

Delta R.T. 0.01 min

Lab File: VW005558.D

Acq: 21 Sep 2018 14:23

Instrument :

MSVOA_W

ClientSampleId :

LS-SOIL-E

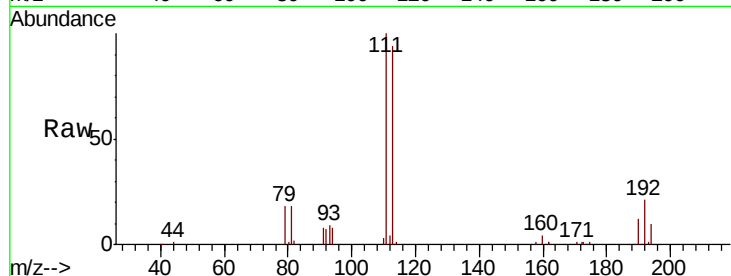
Tot Ion:113 Resp: 44130

Ion Ratio Lower Upper

113 100

111 103.1 82.6 123.8

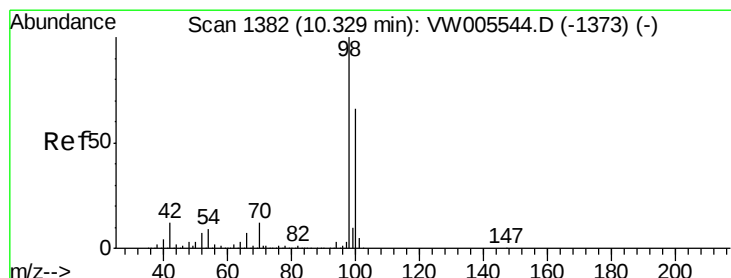
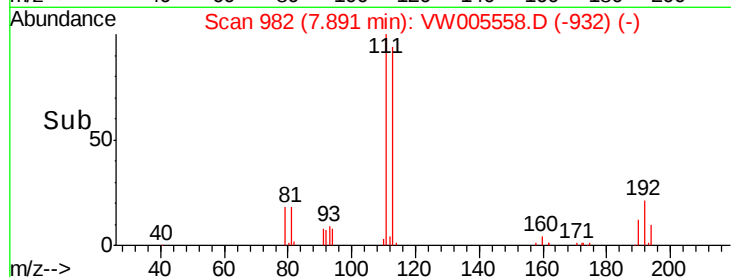
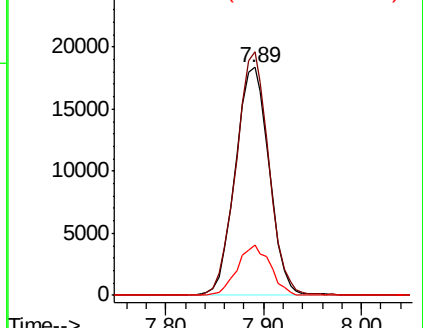
192 21.3 17.0 25.4



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: 35.417 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW005558.D

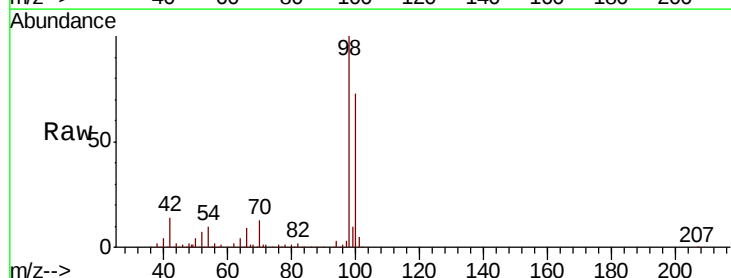
Acq: 21 Sep 2018 14:23

Tgt Ion: 98 Resp: 131459

Ion Ratio Lower Upper

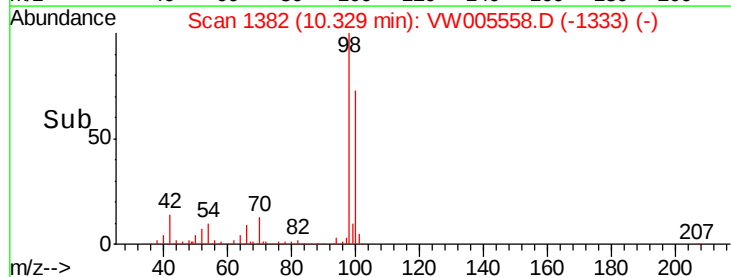
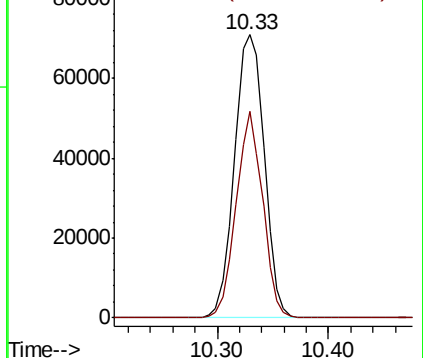
98 100

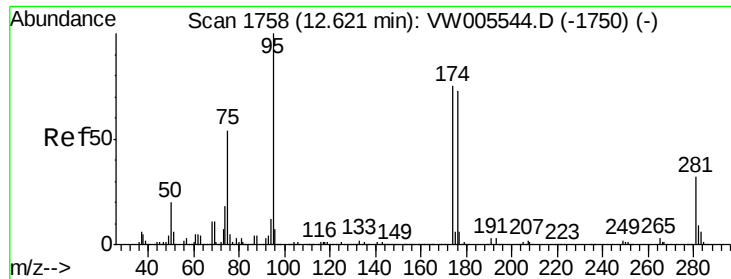
100 65.0 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#62

4-Bromofluorobenzene

Concen: 33.295 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW005558.D

Acq: 21 Sep 2018 14:23

Instrument :

MSVOA_W

ClientSampleId :

LS-SOIL-E

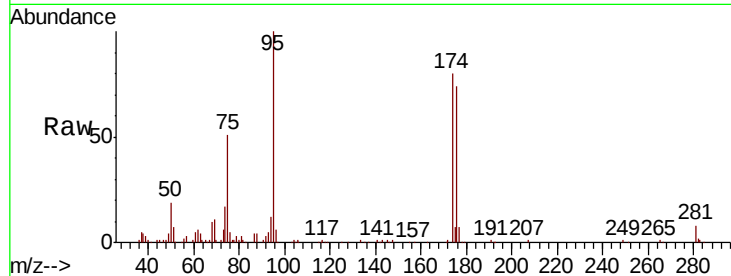
Tot Ion: 95 Resp: 45728

Ion Ratio Lower Upper

95 100

174 84.1 0.0 163.8

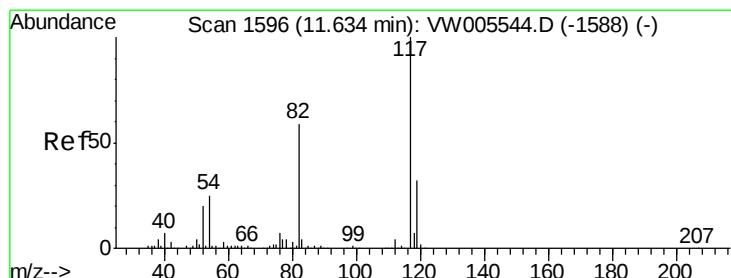
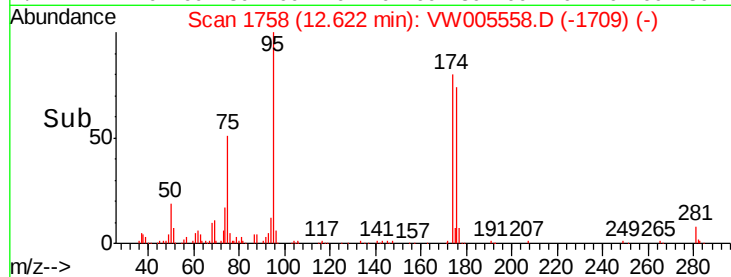
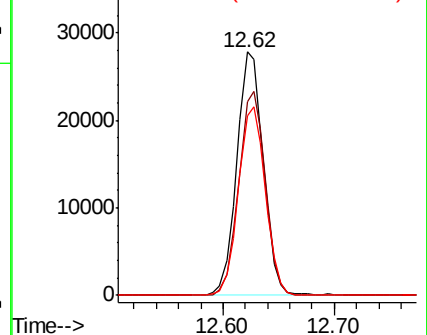
176 78.6 0.0 158.0



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. 0.00 min

Lab File: VW005558.D

Acq: 21 Sep 2018 14:23

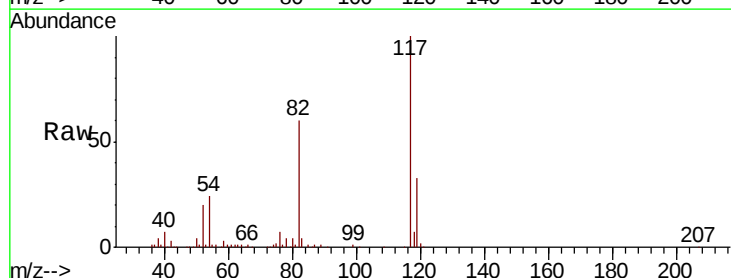
Tgt Ion: 117 Resp: 135322

Ion Ratio Lower Upper

117 100

82 60.5 46.9 70.3

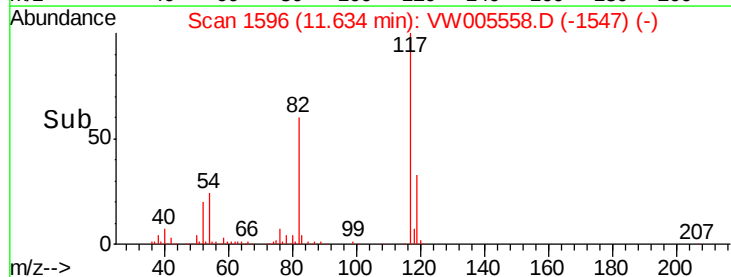
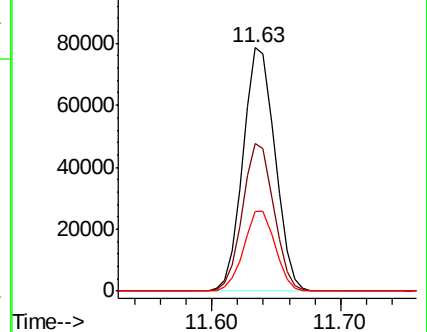
119 32.5 25.7 38.5

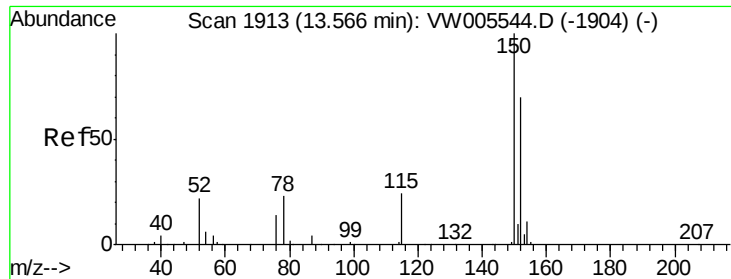


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. 0.00 min

Lab File: VW005558.D

Acq: 21 Sep 2018 14:23

Instrument :

MSVOA_W

ClientSampleId :

LS-SOIL-E

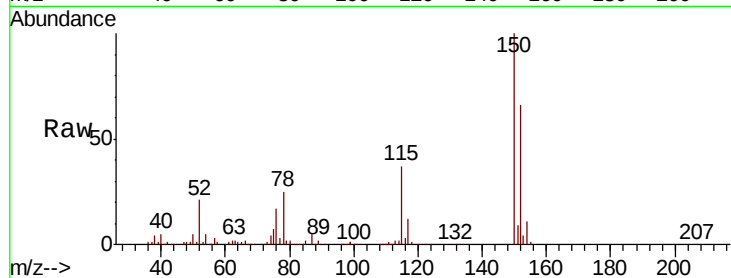
Tot Ion:152 Resp: 57275

Ion Ratio Lower Upper

152 100

115 59.8 30.0 90.0

150 154.6 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

