

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092218\
 Data File : VW005555.D
 Acq On : 21 Sep 2018 13:06
 Operator : VA/AP
 Sample : J5021-01
 Misc : 6.37G/5ML/MSVOA W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 LS-SOIL-A

Quant Time: Sep 21 16:19:11 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

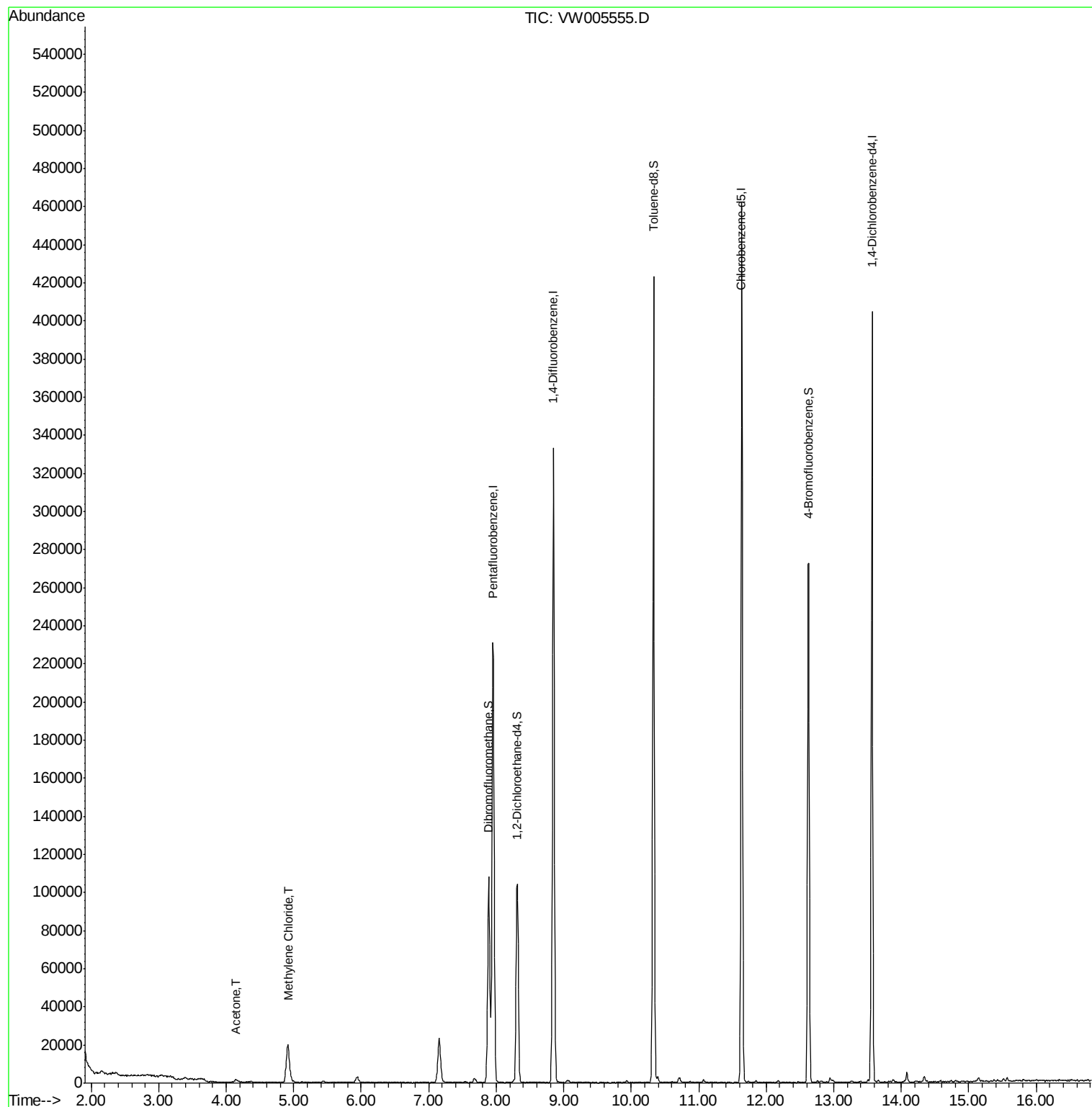
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	171332	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	271707	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	251827	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	104600	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	89815	44.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.00%	
35) Dibromofluoromethane	7.89	113	75516	44.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.40%	
50) Toluene-d8	10.33	98	272794	39.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	78.42%	
62) 4-Bromofluorobenzene	12.62	95	85695	33.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	66.58%	
Target Compounds						
16) Acetone	4.15	43	3330	1.099	ug/l	93
20) Methylene Chloride	4.91	84	15341	5.232	ug/l	94

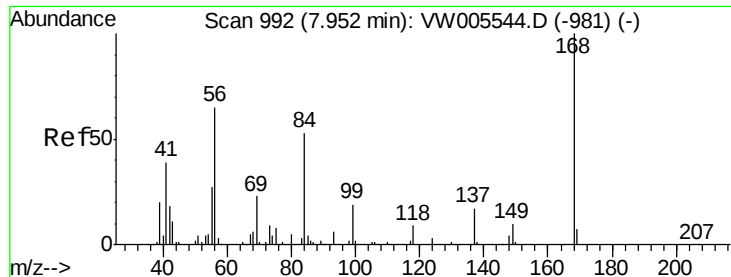
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.01 min

Lab File: VW005555.D

Acq: 21 Sep 2018 13:06

Instrument :

MSVOA_W

ClientSampled :

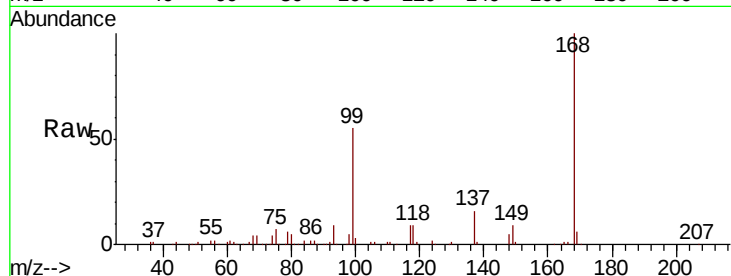
LS-SOIL-A

Tot Ion:168 Resp: 171332

Ion Ratio Lower Upper

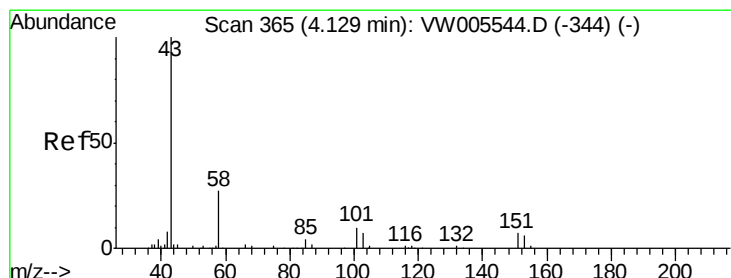
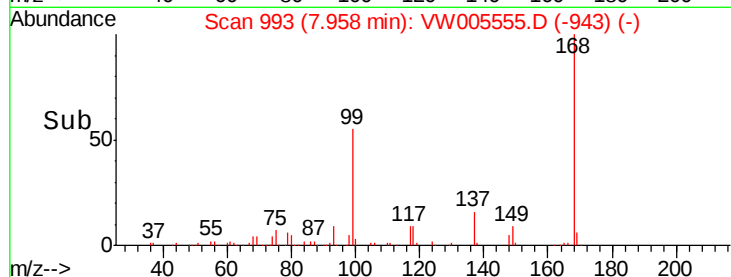
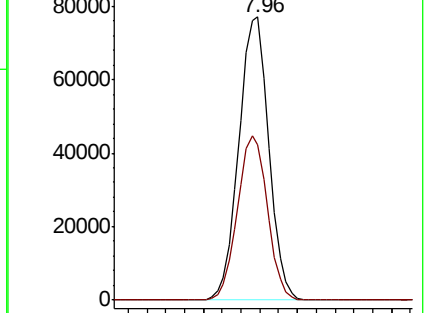
168 100

99 54.9 48.4 72.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 1.099 ug/l

RT: 4.15 min Scan# 368

Delta R.T. 0.02 min

Lab File: VW005555.D

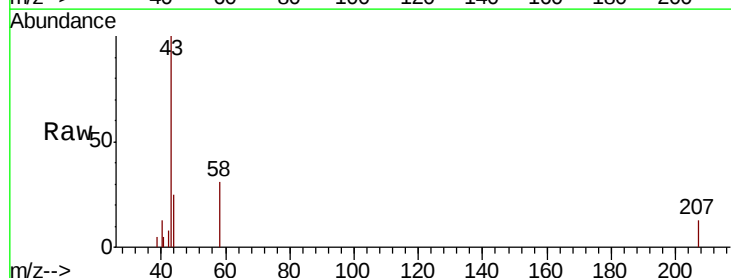
Acq: 21 Sep 2018 13:06

Tgt Ion: 43 Resp: 3330

Ion Ratio Lower Upper

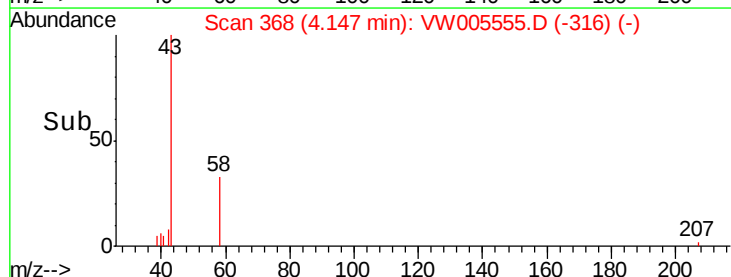
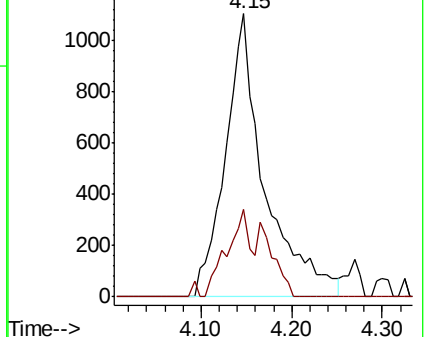
43 100

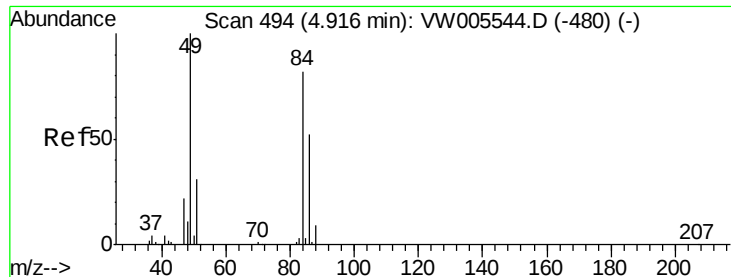
58 31.1 21.8 32.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

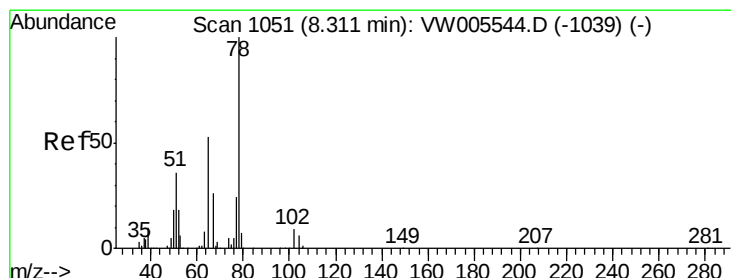
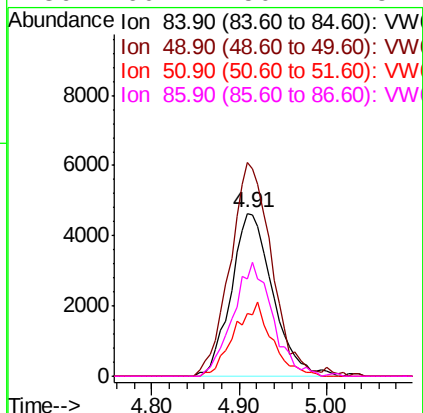
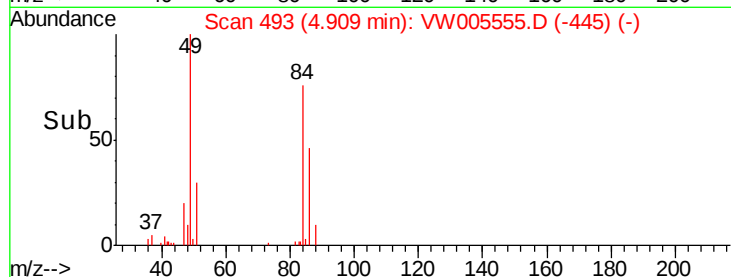
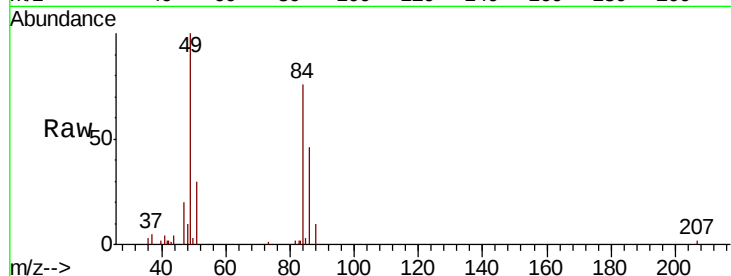




#20
Methvlene Chloride
Concen: 5.232 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW005555.D
Acq: 21 Sep 2018 13:06

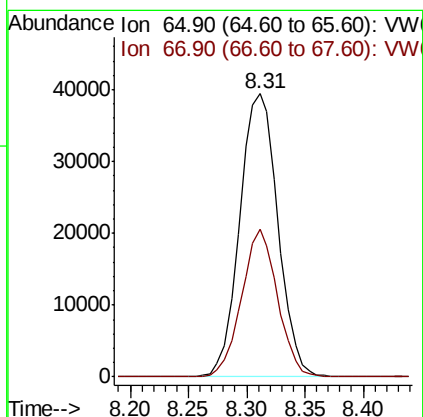
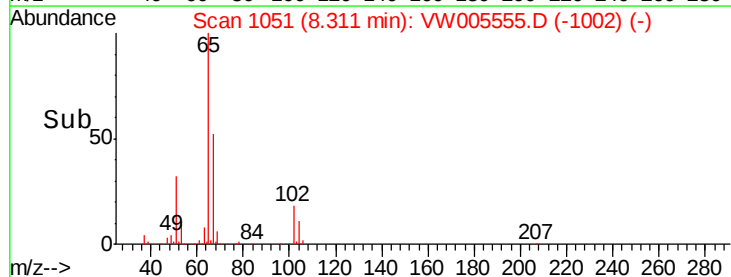
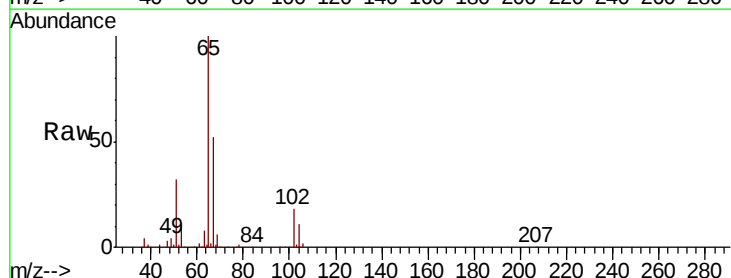
Instrument :
MSVOA_W
ClientSampleId :
LS-SOIL-A

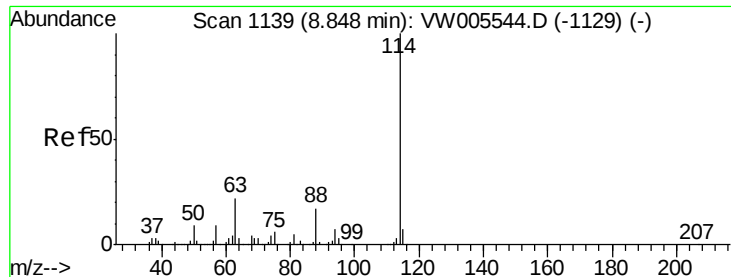
Tot Ion	84	Resp	15341
Ion	Ratio	Lower	Upper
84	100		
49	131.3	97.0	145.6
51	38.9	30.2	45.2
86	60.1	50.2	75.4



#33
1,2-Dichloroethane-d4
Concen: 44.498 ug/l
RT: 8.31 min Scan# 1051
Delta R.T. -0.00 min
Lab File: VW005555.D
Acq: 21 Sep 2018 13:06

Tgt Ion	65	Resp	89815
Ion	Ratio	Lower	Upper
65	100		
67	49.0	0.0	100.6

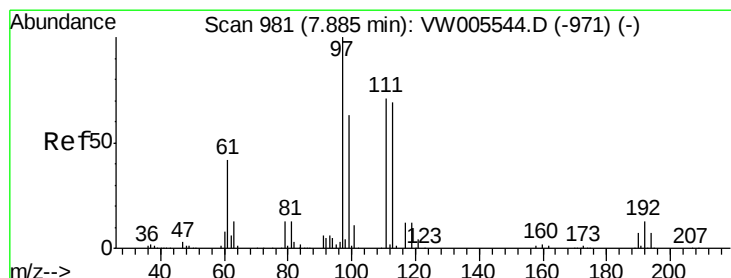
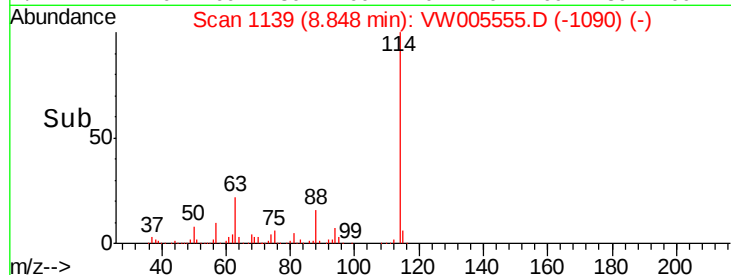
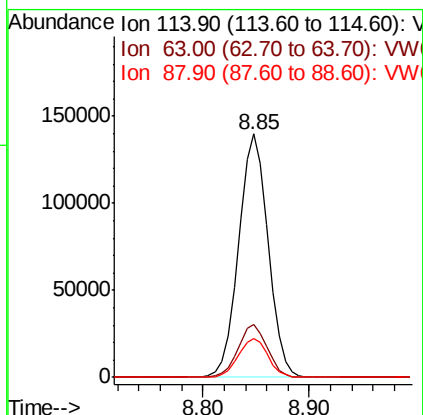
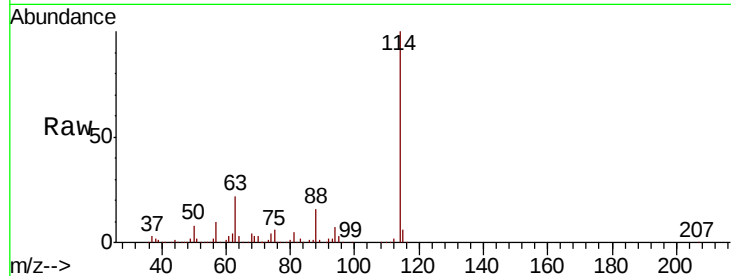




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW005555.D
 Acq: 21 Sep 2018 13:06

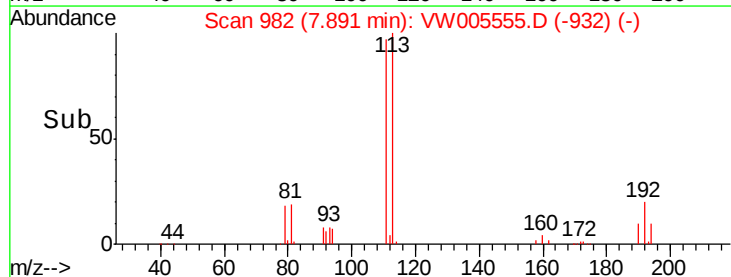
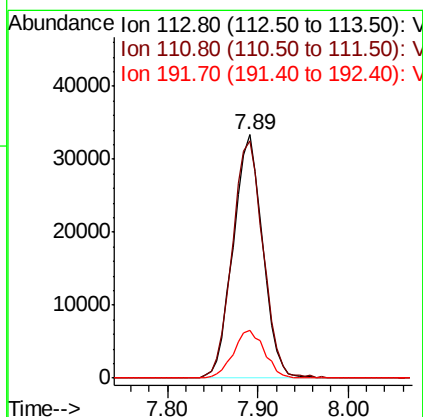
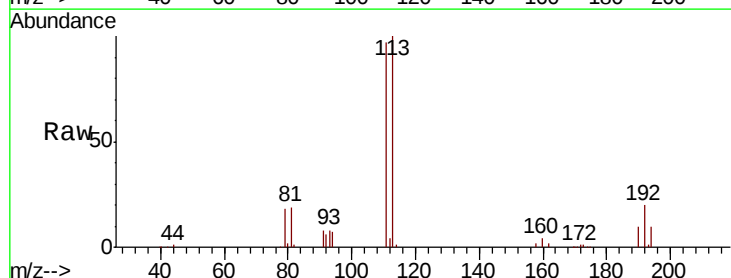
Instrument :
 MSVOA_W
 ClientSampleId :
 LS-SOIL-A

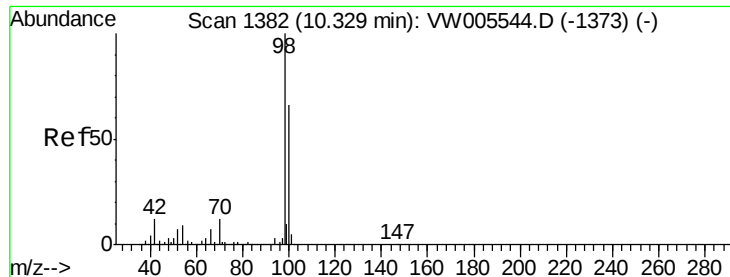
Tot Ion	Ratio	Lower	Upper
114	100		
63	21.5	0.0	43.0
88	15.7	0.0	33.0



#35
 Dibromofluoromethane
 Concen: 44.196 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.01 min
 Lab File: VW005555.D
 Acq: 21 Sep 2018 13:06

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.7	82.6	123.8
192	20.7	17.0	25.4





#50

Toluene-d8

Concen: 39.210 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW005555.D

Acq: 21 Sep 2018 13:06

Instrument :

MSVOA_W

ClientSampleId :

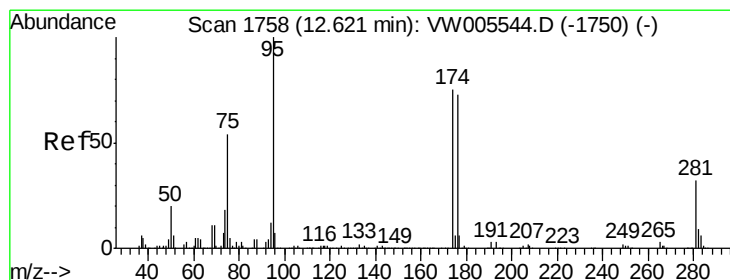
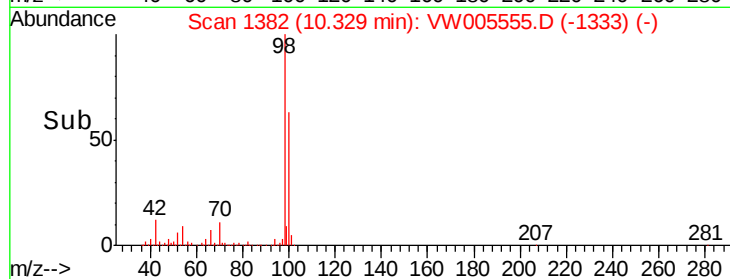
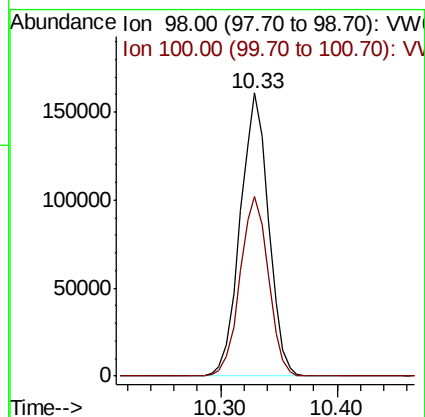
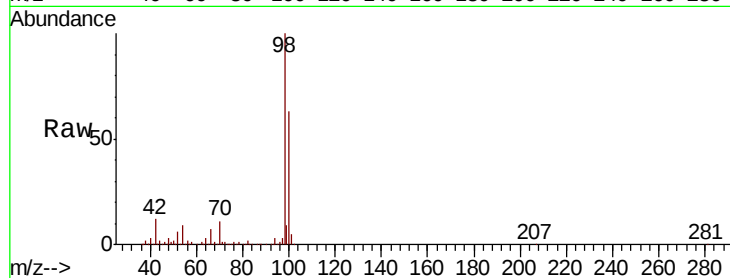
LS-SOIL-A

Tot Ion: 98 Resp: 272794

Ion Ratio Lower Upper

98 100

100 63.8 51.6 77.4



#62

4-Bromofluorobenzene

Concen: 33.288 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW005555.D

Acq: 21 Sep 2018 13:06

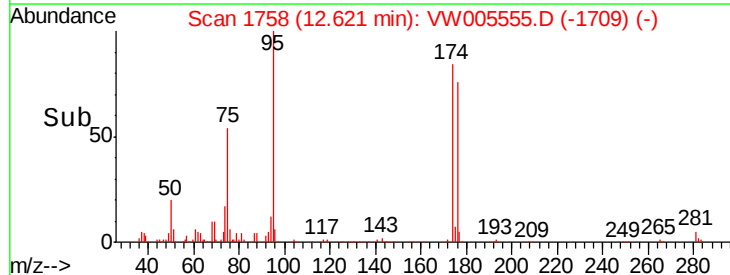
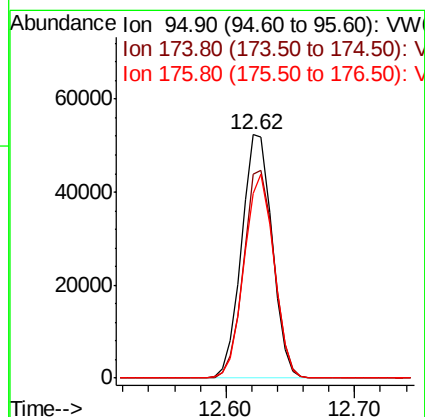
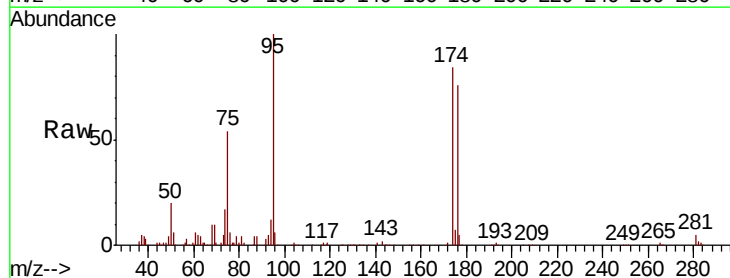
Tgt Ion: 95 Resp: 85695

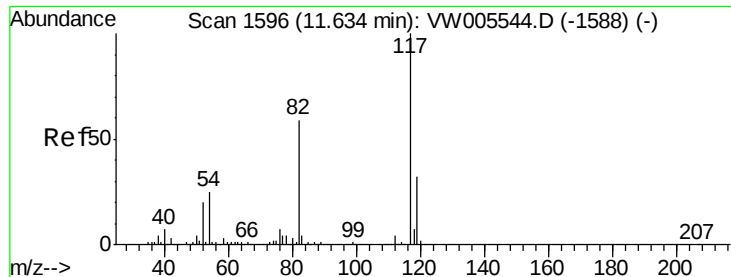
Ion Ratio Lower Upper

95 100

174 85.1 0.0 163.8

176 81.7 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: VW005555.D

Acq: 21 Sep 2018 13:06

Instrument :

MSVOA_W

ClientSampleId :

LS-SOIL-A

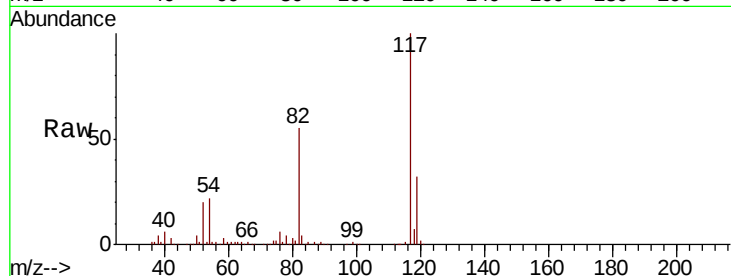
Tot Ion:117 Resp: 251827

Ion Ratio Lower Upper

117 100

82 55.4 46.9 70.3

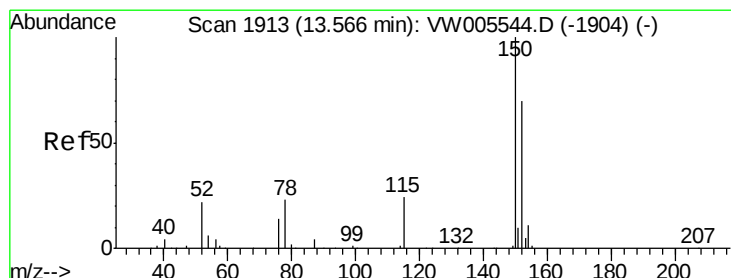
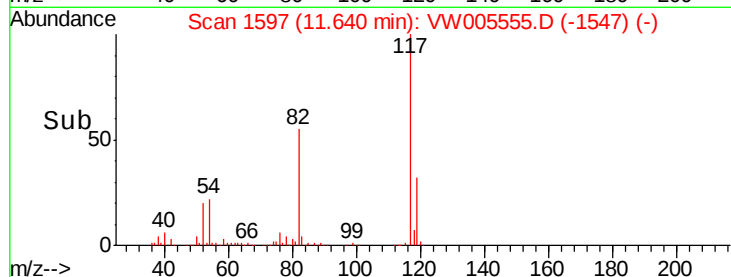
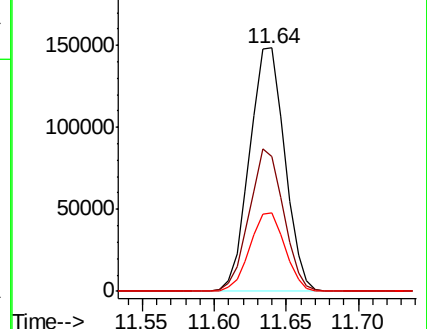
119 32.0 25.7 38.5



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

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: VW005555.D

Acq: 21 Sep 2018 13:06

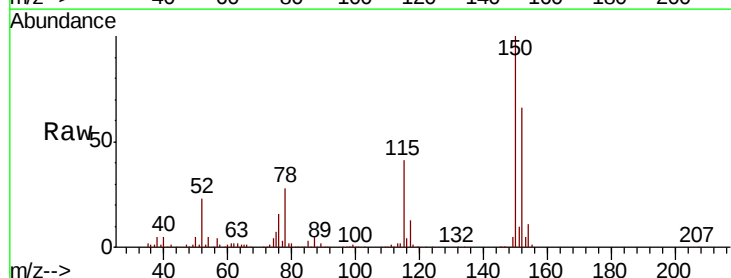
Tgt Ion:152 Resp: 104600

Ion Ratio Lower Upper

152 100

115 59.5 30.0 90.0

150 155.9 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

