

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110518\
 Data File : VW006670.D
 Acq On : 06 Nov 2018 07:38
 Operator : SY/AP
 Sample : J5778-03
 Misc : 5.03G/5ML/MSVOA W/SOIL
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 OILY-GRAVEL

Quant Time: Nov 06 08:44:32 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W110218S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 01 03:48:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	238309	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	371203	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	353461	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	174789	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	111124	54.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.50%	
35) Dibromofluoromethane	7.88	113	110333	47.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.72%	
50) Toluene-d8	10.33	98	390945	44.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.16%	
62) 4-Bromofluorobenzene	12.62	95	136796	42.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.10%	

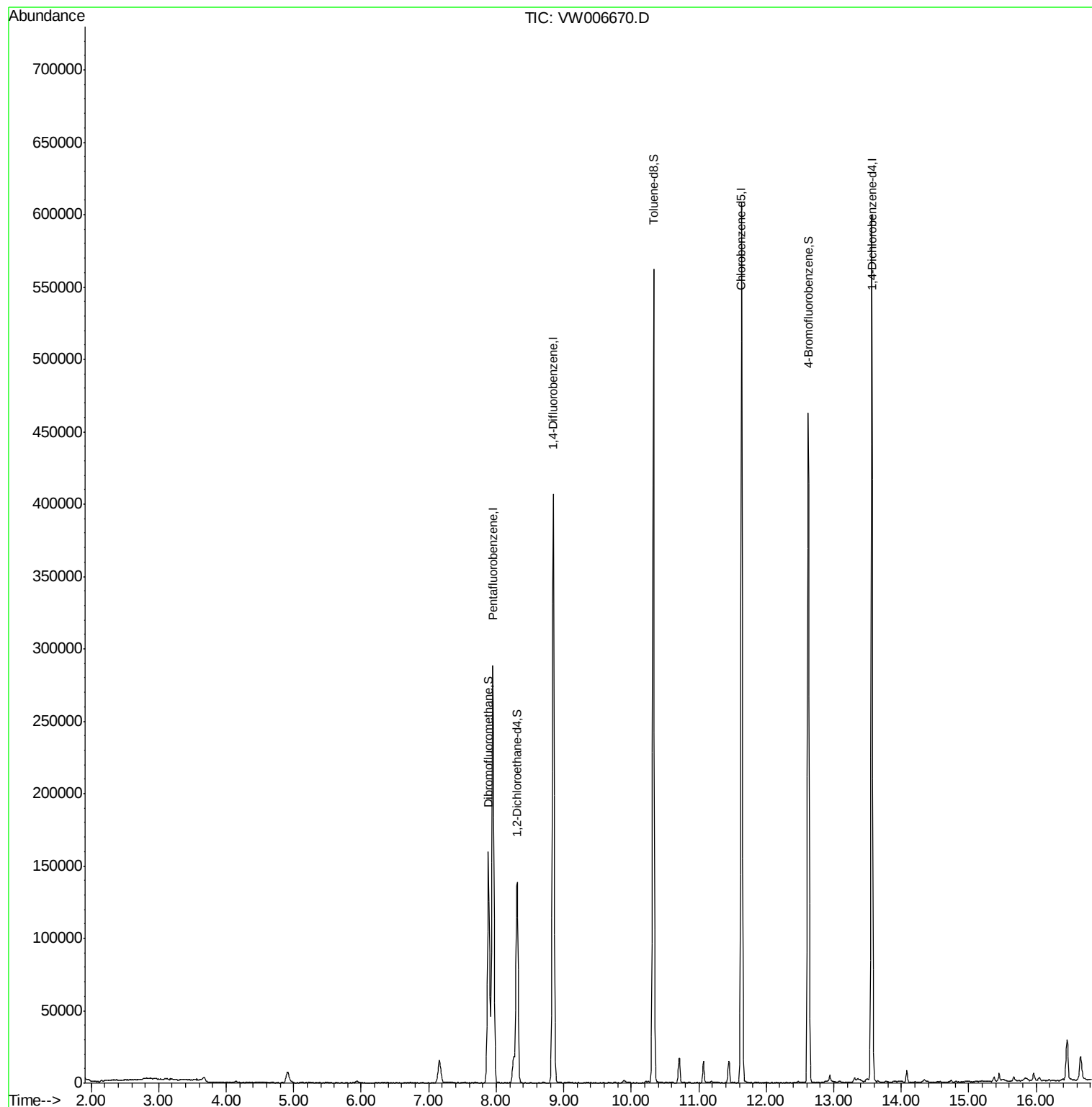
Target Compounds	Qvalue

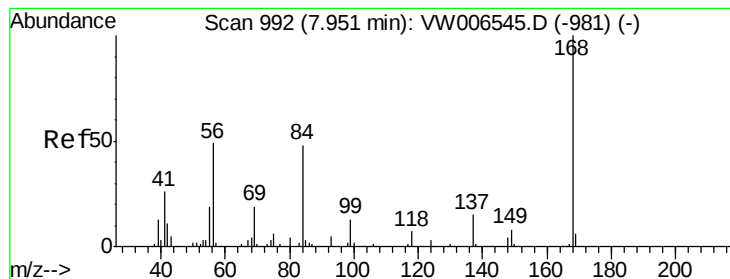
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Nov 01 03:48:08 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: VW006670.D

Acq: 06 Nov 2018 07:38

Instrument :

MSVOA_W

ClientSampleId :

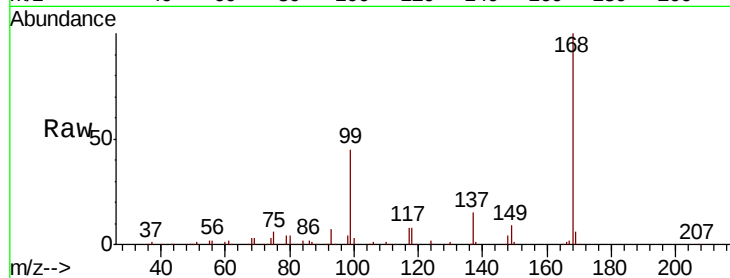
OILY-GRAVEL

Tot Ion:168 Resp: 238309

Ion Ratio Lower Upper

168 100

99 45.5 37.4 56.0



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

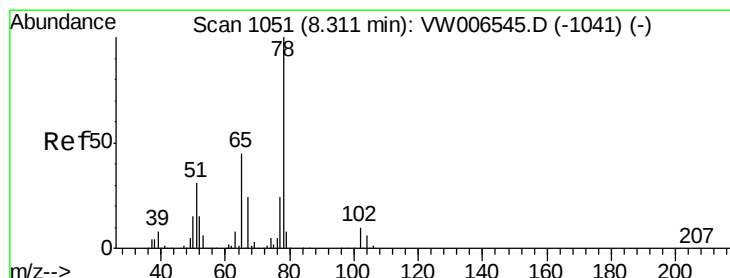
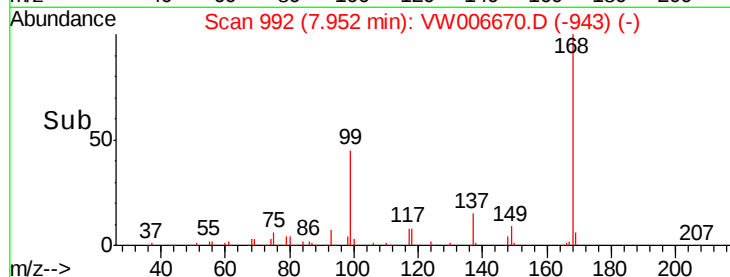
60000

40000

20000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 54.247 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VW006670.D

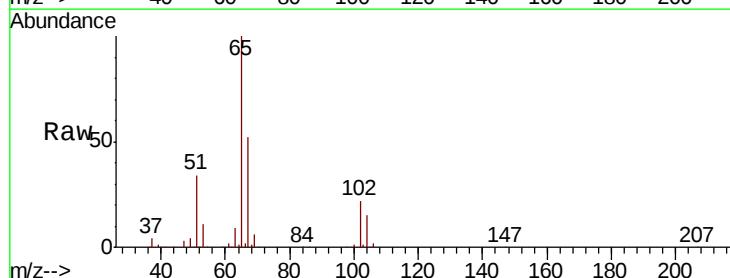
Acq: 06 Nov 2018 07:38

Tgt Ion: 65 Resp: 111124

Ion Ratio Lower Upper

65 100

67 52.4 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.31

60000

50000

40000

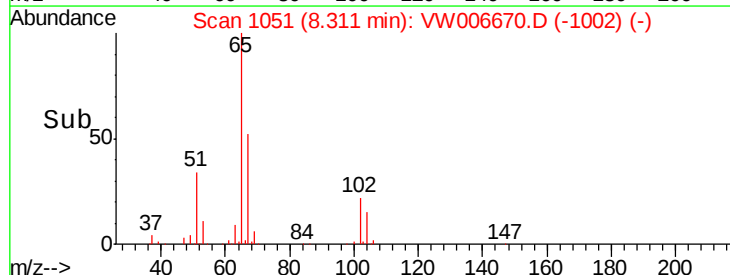
30000

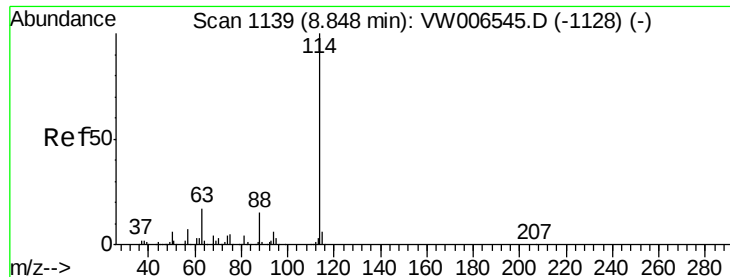
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10000

0

Time-->

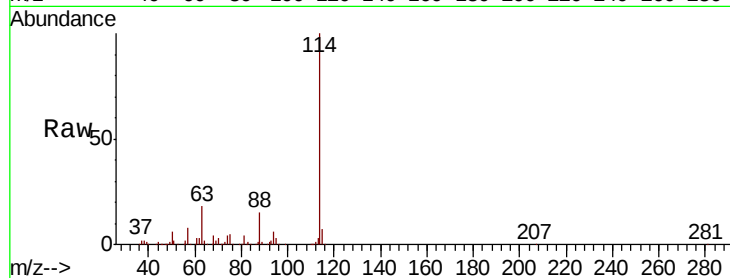




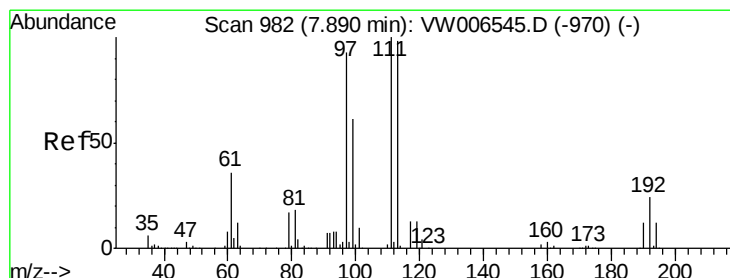
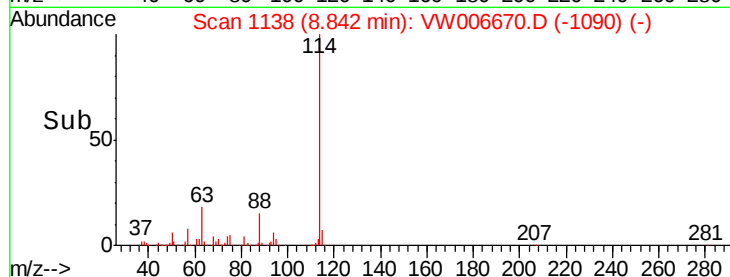
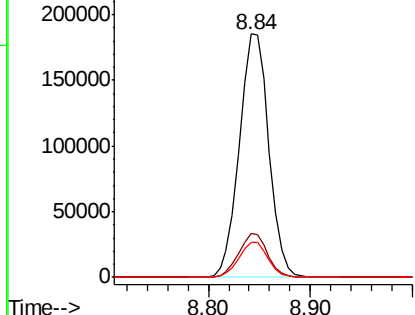
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.01 min
 Lab File: VW006670.D
 Acq: 06 Nov 2018 07:38

Instrument :
 MSVOA_W
 ClientSampleId :
 OILY-GRAVEL

Tot Ion:114 Resp: 371203
 Ion Ratio Lower Upper
 114 100
 63 17.9 0.0 34.4
 88 14.6 0.0 29.0

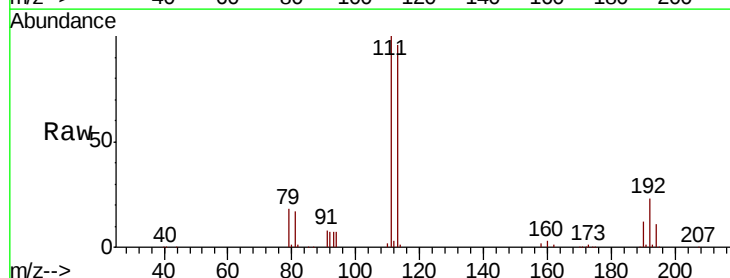


Abundance Ion 113.90 (113.60 to 114.60): V
 250000 Ion 63.00 (62.70 to 63.70): VW
 200000 Ion 87.90 (87.60 to 88.60): VW
 150000
 100000
 50000
 0

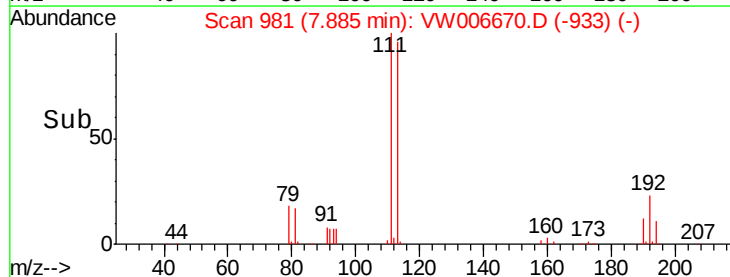
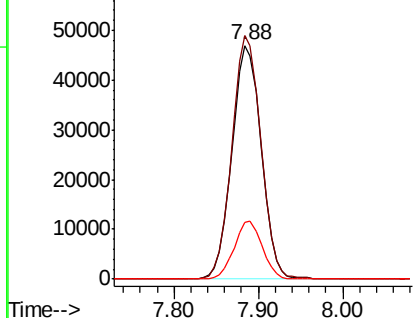


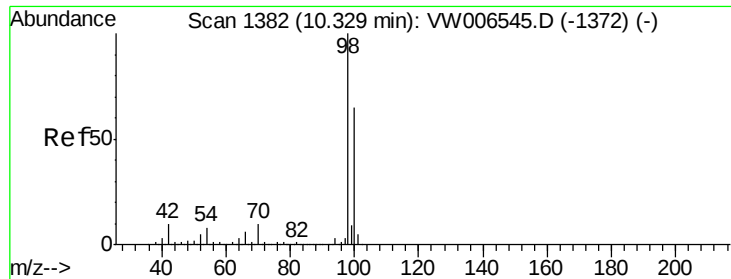
#35
 Dibromofluoromethane
 Concen: 47.361 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW006670.D
 Acq: 06 Nov 2018 07:38

Tgt Ion:113 Resp: 110333
 Ion Ratio Lower Upper
 113 100
 111 103.0 82.2 123.2
 192 23.8 19.0 28.6



Abundance Ion 112.80 (112.50 to 113.50): V
 60000 Ion 110.80 (110.50 to 111.50): V
 50000 Ion 191.70 (191.40 to 192.40): V
 40000
 30000
 20000
 10000
 0





#50

Toluene-d8

Concen: 44.083 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW006670.D

Acq: 06 Nov 2018 07:38

Instrument :

MSVOA_W

ClientSampleId :

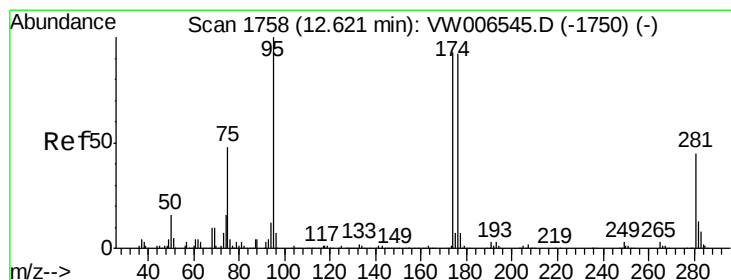
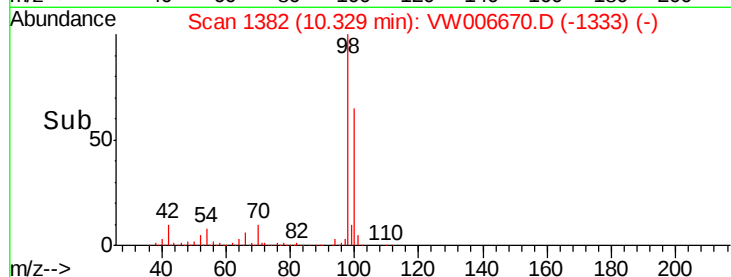
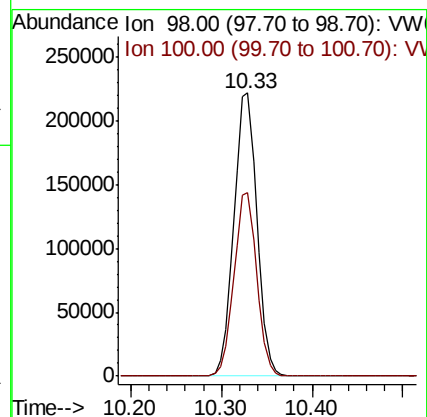
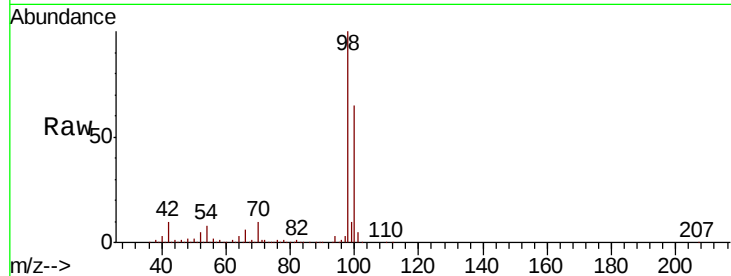
OILY-GRAVEL

Tot Ion: 98 Resp: 390945

Ion Ratio Lower Upper

98 100

100 64.0 51.6 77.4



#62

4-Bromofluorobenzene

Concen: 42.548 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW006670.D

Acq: 06 Nov 2018 07:38

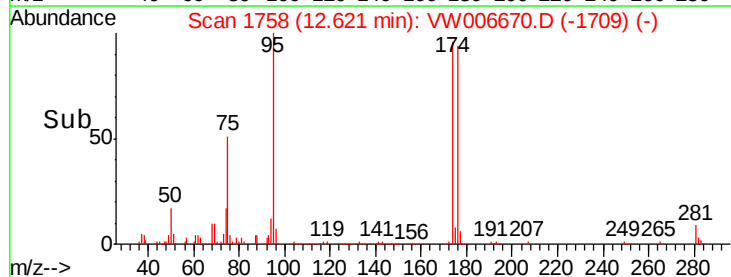
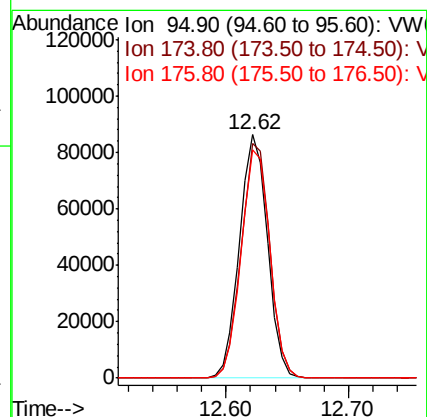
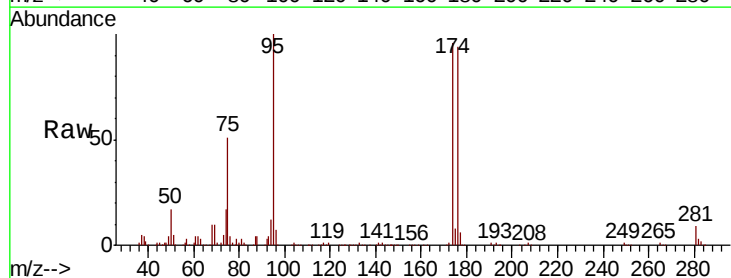
Tgt Ion: 95 Resp: 136796

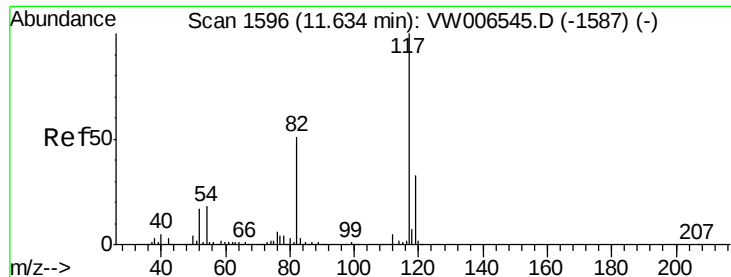
Ion Ratio Lower Upper

95 100

174 98.0 0.0 192.4

176 96.3 0.0 187.4

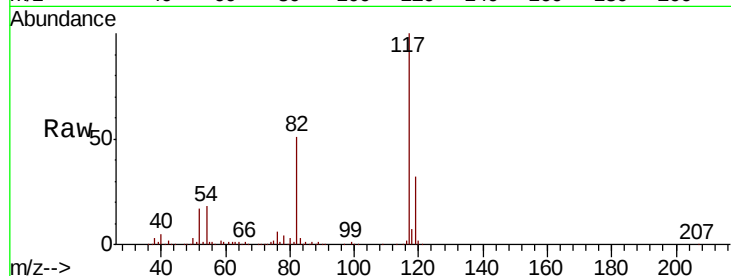




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006670.D
Acq: 06 Nov 2018 07:38

Instrument :
MSVOA_W
ClientSampleId :
OILY-GRAVEL

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.1	40.8	61.2
119	31.6	26.1	39.1

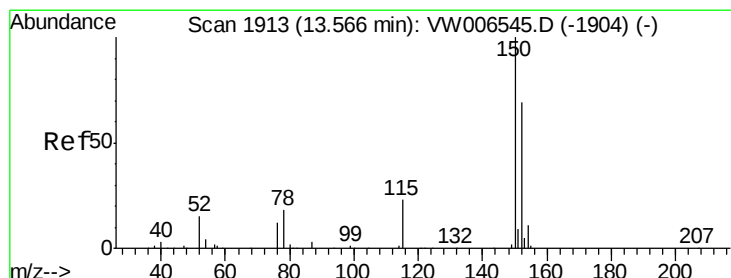
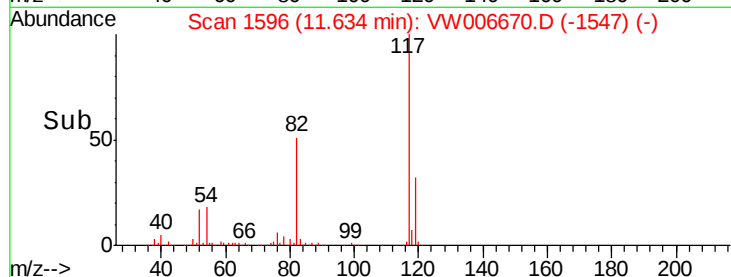
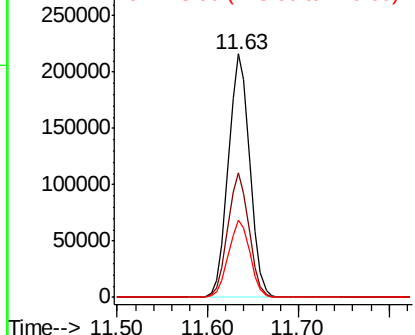


Abundance

Ion 116.90 (116.60 to 117.60): V

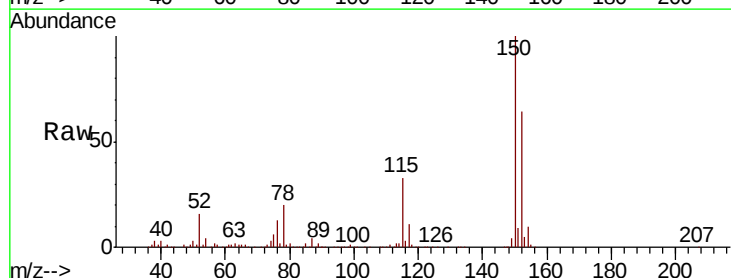
Ion 82.00 (81.70 to 82.70): V

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: VW006670.D
Acq: 06 Nov 2018 07:38

Tgt Ion	Ratio	Lower	Upper
152	100		
115	53.7	26.6	79.8
150	155.6	0.0	344.6



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

