

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW101618\
 Data File : VW006083.D
 Acq On : 16 Oct 2018 17:10
 Operator : VA/AP
 Sample : J5526-05
 Misc : 7.06G/5ML/MSVOA W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SUP-4B-G-101518-5

Quant Time: Oct 16 18:13:10 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 16 05:36:33 2018
 Response via : Initial Calibration

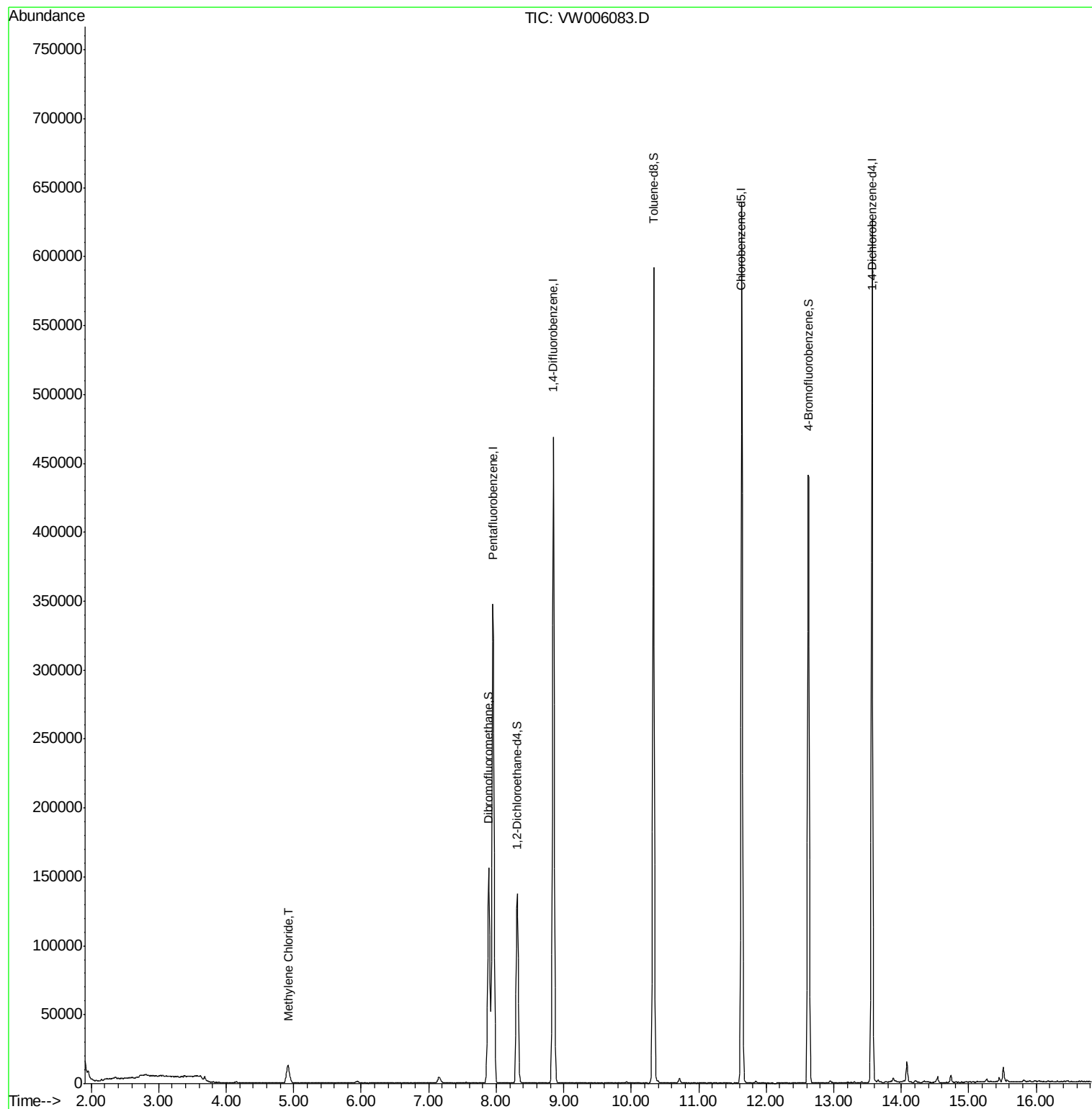
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	284302	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	411279	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	360871	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	172684	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	107926	45.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.58%	
35) Dibromofluoromethane	7.89	113	109503	45.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.12%	
50) Toluene-d8	10.33	98	395644	42.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.58%	
62) 4-Bromofluorobenzene	12.62	95	137099	39.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	78.96%	
Target Compounds						
20) Methylene Chloride	4.92	84	10437	2.643	ug/l	Qvalue 96

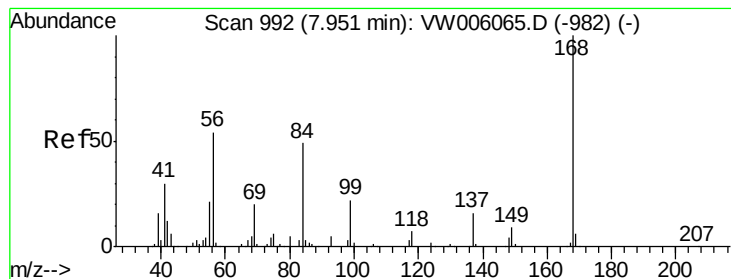
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW006083.D

Acq: 16 Oct 2018 17:10

Instrument :

MSVOA_W

ClientSampleId :

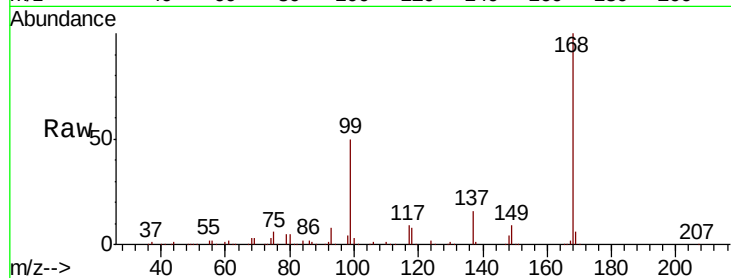
SUP-4B-G-101518-5

Tot Ion:168 Resp: 284302

Ion Ratio Lower Upper

168 100

99 50.0 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

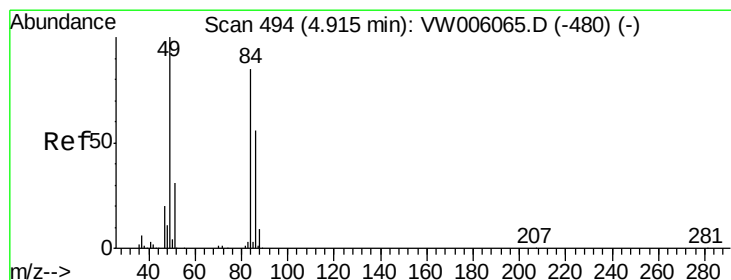
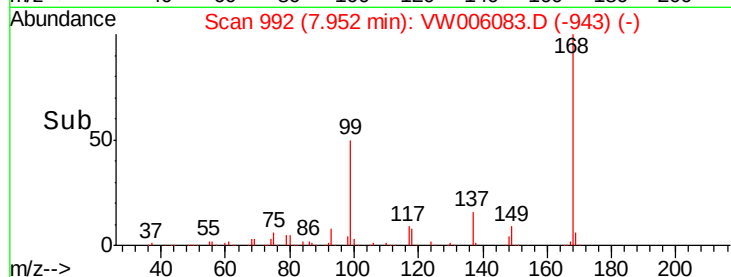
150000

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#20

Methylene Chloride

Concen: 2.643 ug/l

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

Lab File: VW006083.D

Acq: 16 Oct 2018 17:10

Tgt Ion: 84 Resp: 10437

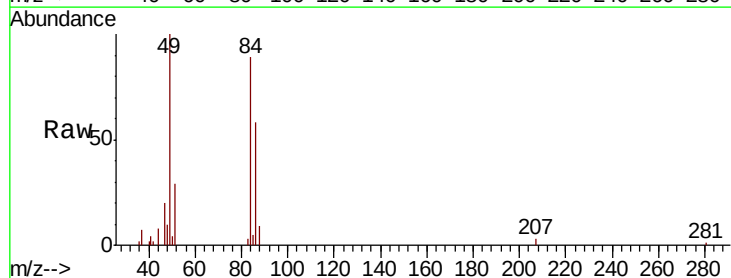
Ion Ratio Lower Upper

84 100

49 112.6 93.6 140.4

51 32.2 29.0 43.4

86 65.0 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

4.92

6000

5000

4000

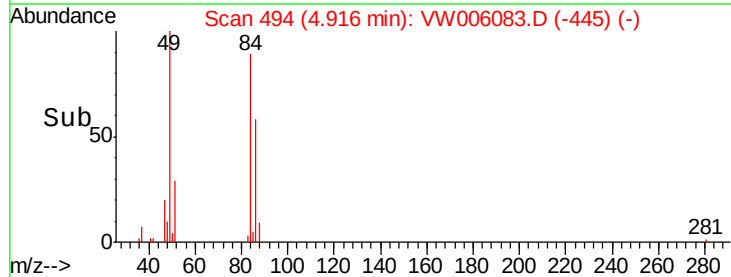
3000

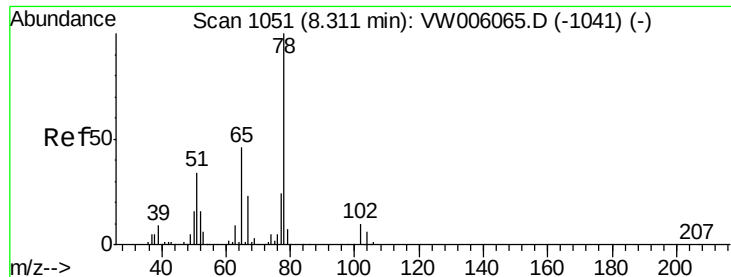
2000

1000

0

Time--> 4.80 4.90 5.00

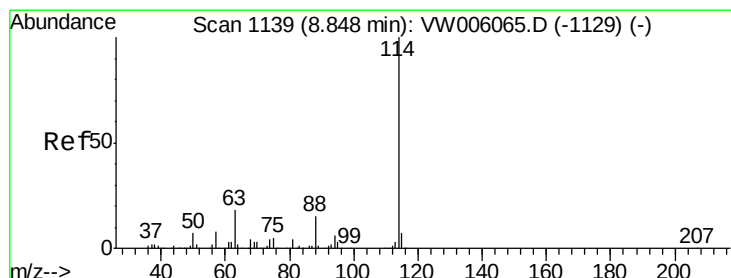
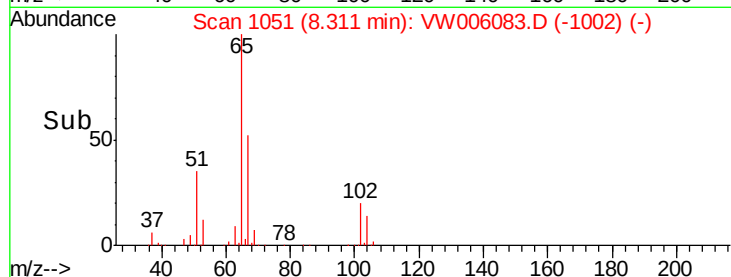
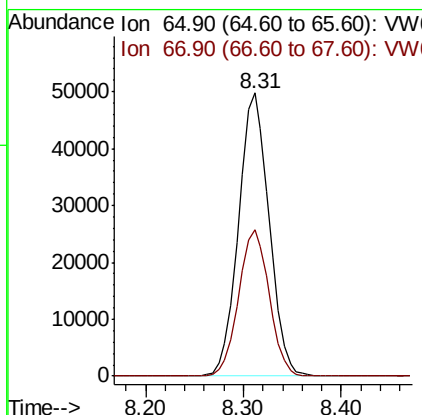
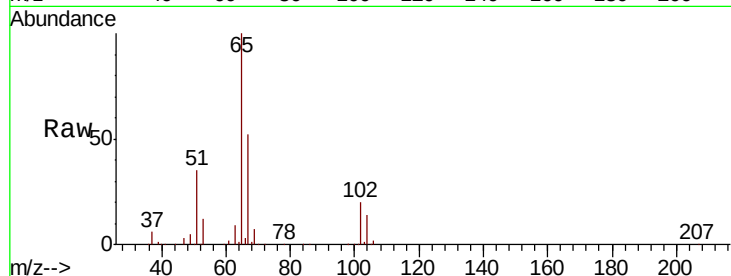




#33
 1,2-Dichloroethane-d4
 Concen: 45.789 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VW006083.D
 Acq: 16 Oct 2018 17:10

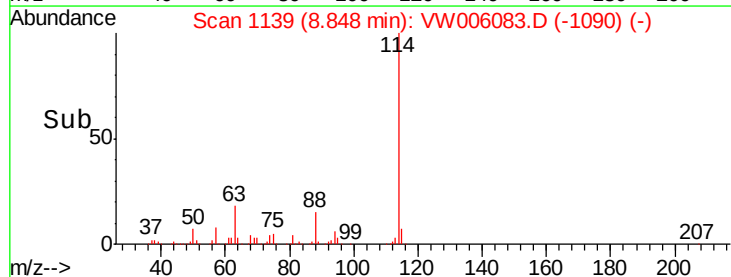
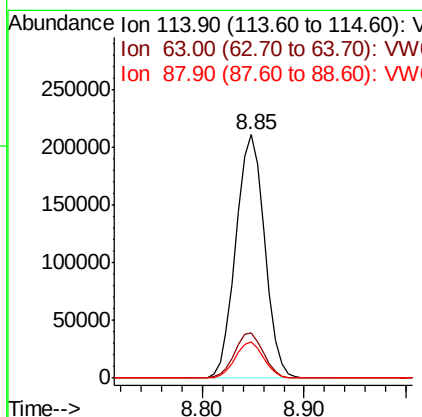
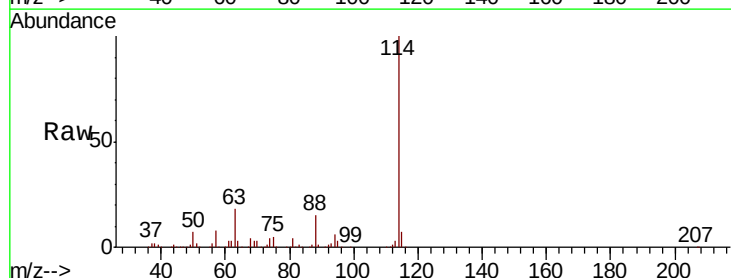
Instrument :
 MSVOA_W
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 SUP-4B-G-101518-5

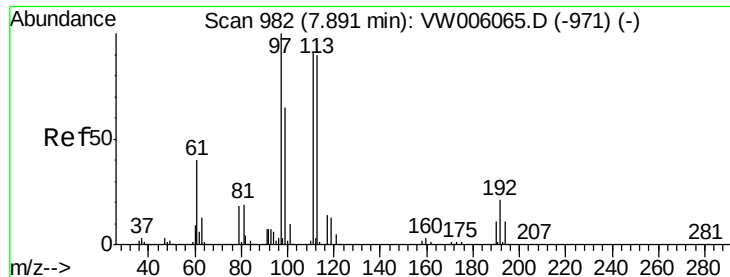
Tot Ion: 65 Resp: 107926
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 101.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW006083.D
 Acq: 16 Oct 2018 17:10

Tgt Ion: 114 Resp: 411279
 Ion Ratio Lower Upper
 114 100
 63 18.3 0.0 36.8
 88 15.0 0.0 29.0

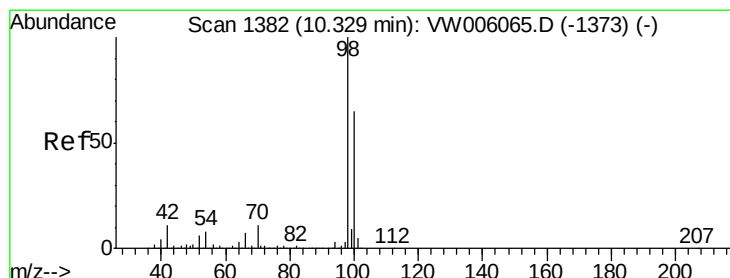
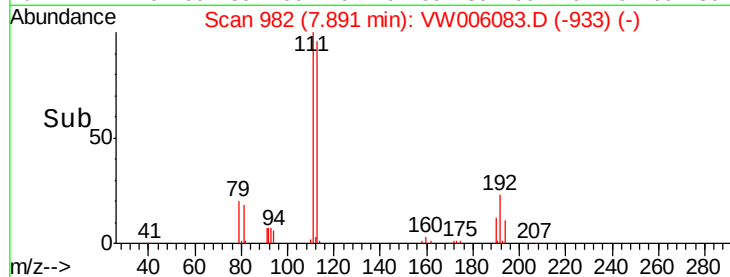
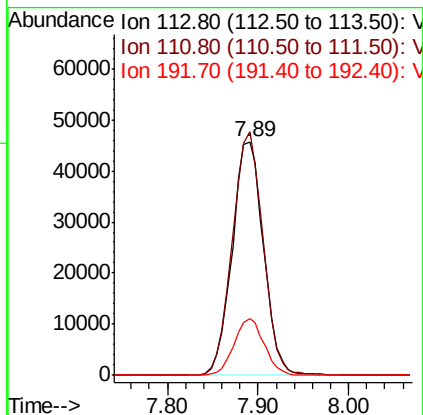
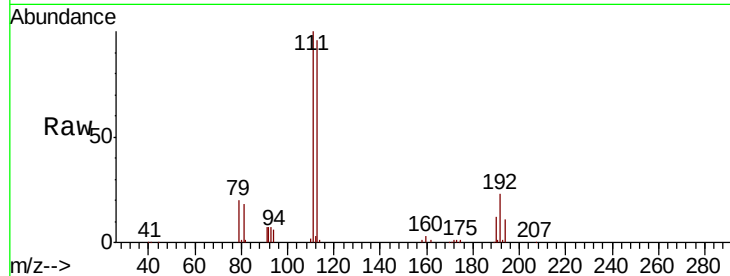




#35
 Dibromofluoromethane
 Concen: 45.059 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VW006083.D
 Acq: 16 Oct 2018 17:10

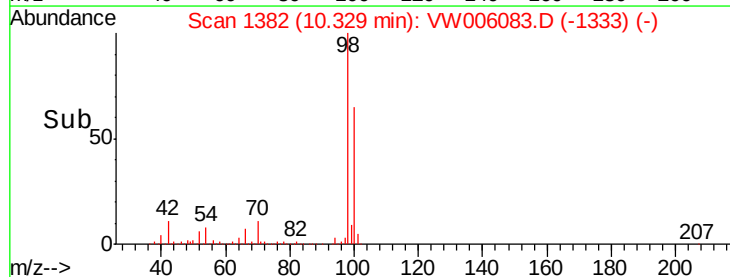
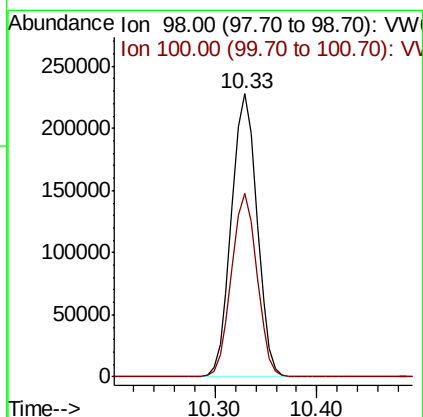
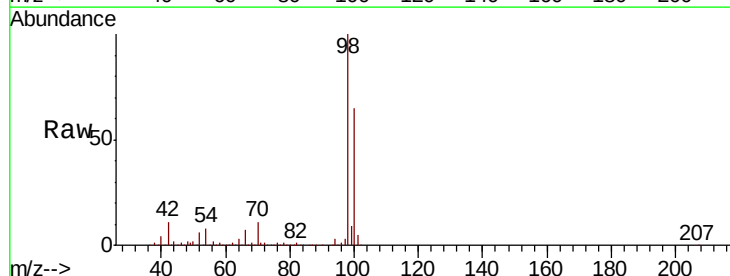
Instrument :
 MSVOA_W
 ClientSampleId :
 SUP-4B-G-101518-5

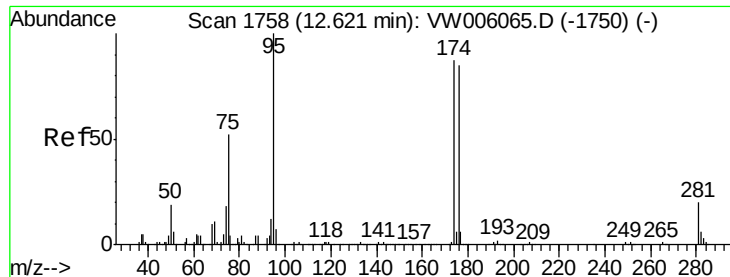
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.5	81.4	122.0
192	23.2	18.7	28.1



#50
 Toluene-d8
 Concen: 42.792 ug/l
 RT: 10.33 min Scan# 1382
 Delta R.T. 0.00 min
 Lab File: VW006083.D
 Acq: 16 Oct 2018 17:10

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.4	51.6	77.4





#62

4-Bromofluorobenzene

Concen: 39.480 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW006083.D

Acq: 16 Oct 2018 17:10

Instrument :

MSVOA_W

ClientSampleId :

SUP-4B-G-101518-5

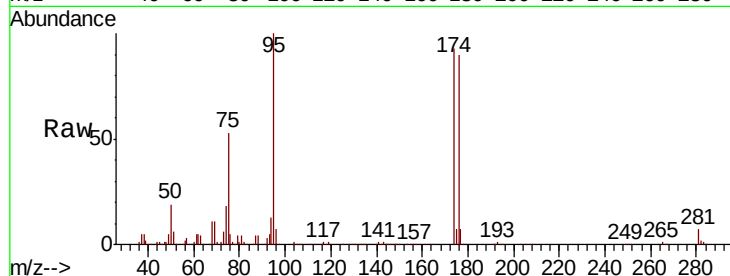
Tot Ion: 95 Resp: 137099

Ion Ratio Lower Upper

95 100

174 96.2 0.0 186.0

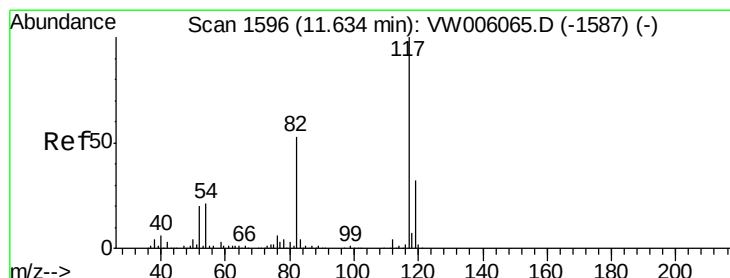
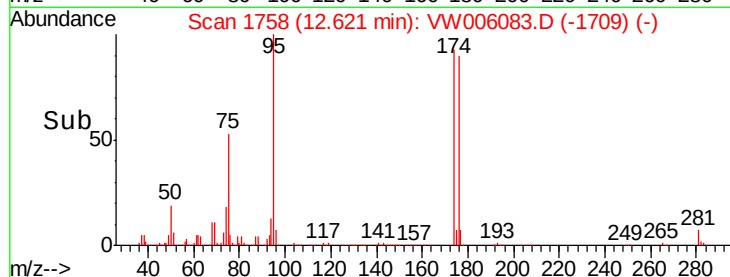
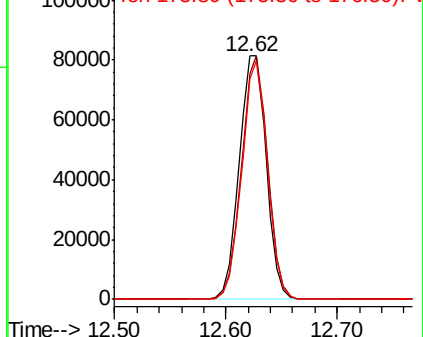
176 93.0 0.0 181.6



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: VW006083.D

Acq: 16 Oct 2018 17:10

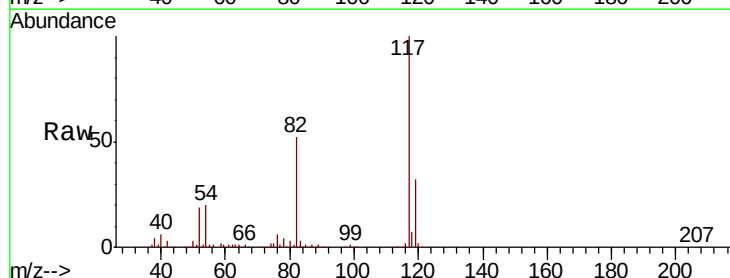
Tgt Ion: 117 Resp: 360871

Ion Ratio Lower Upper

117 100

82 52.1 42.1 63.1

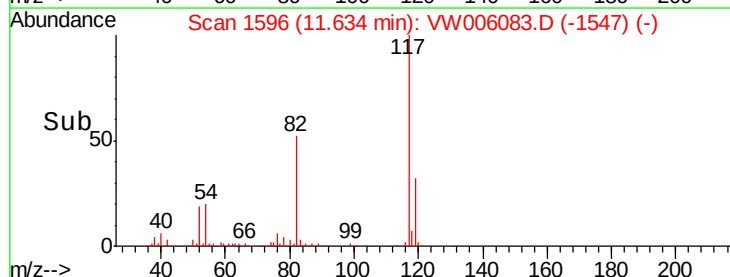
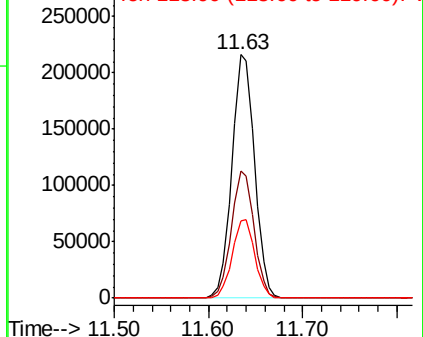
119 31.6 25.8 38.6

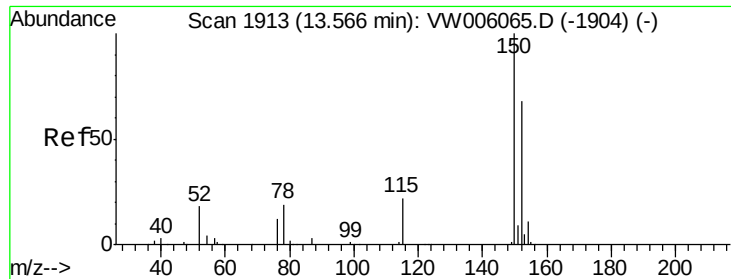


Abundance Ion 116.90 (116.60 to 117.60): VW

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: VW006083.D

Acq: 16 Oct 2018 17:10

Instrument :

MSVOA_W

ClientSampleId :

SUP-4B-G-101518-5

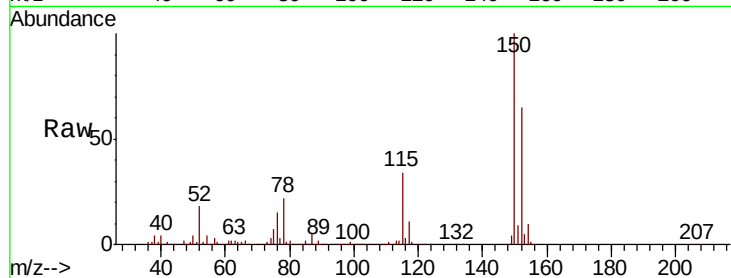
Tot Ion:152 Resp: 172684

Ion Ratio Lower Upper

152 100

115 54.3 27.8 83.3

150 154.9 0.0 349.2



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

