

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW101618\
 Data File : VW006082.D
 Acq On : 16 Oct 2018 16:44
 Operator : VA/AP
 Sample : J5526-04
 Misc : 5.61G/5ML/MSVOA W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

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

Quant Time: Oct 16 18:10:08 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

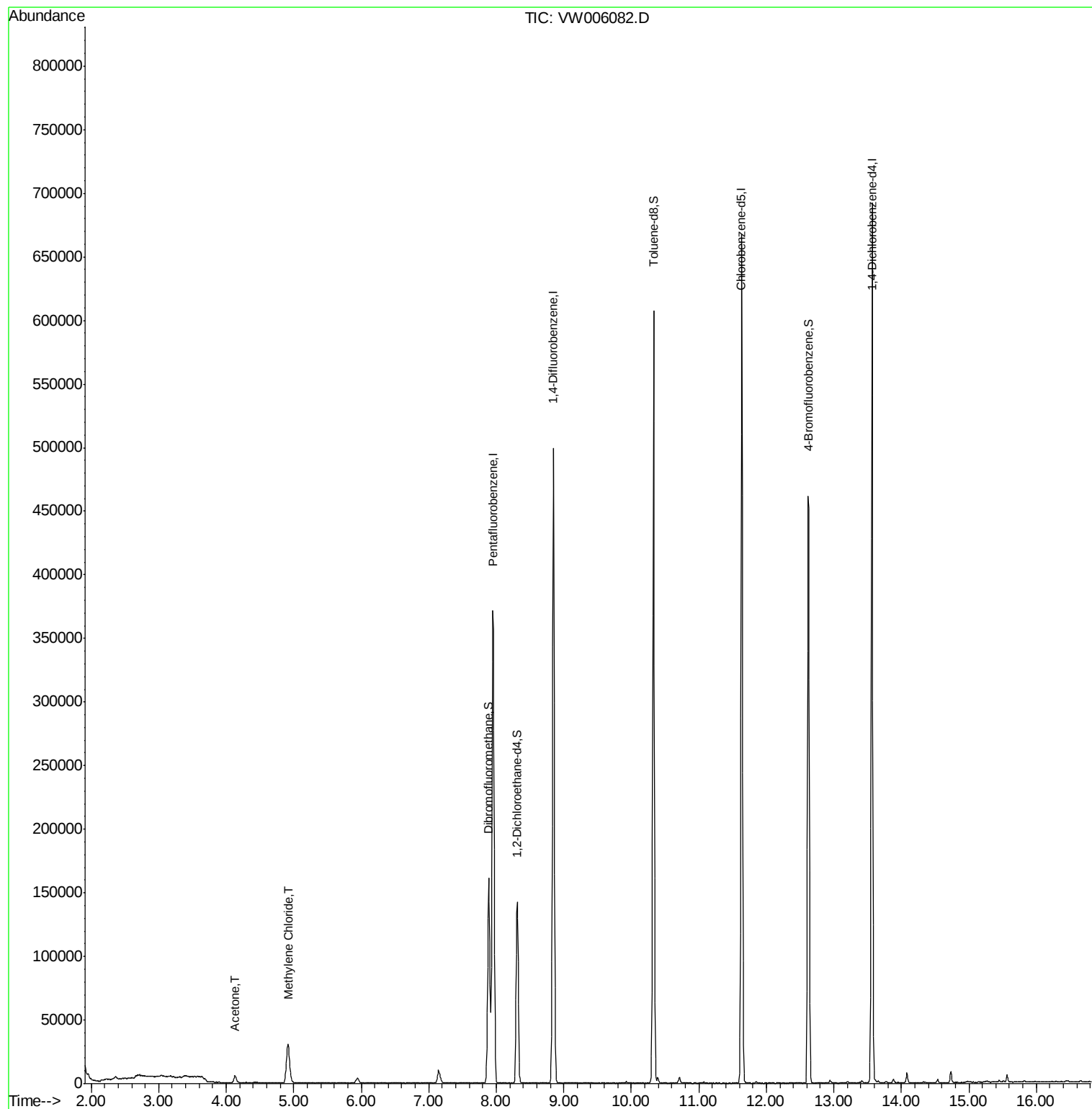
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	300492	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	438642	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	390832	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	190578	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	113144	45.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.84%	
35) Dibromofluoromethane	7.89	113	111752	43.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.24%	
50) Toluene-d8	10.33	98	406515	41.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.44%	
62) 4-Bromofluorobenzene	12.62	95	143138	38.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	77.30%	
Target Compounds						
16) Acetone	4.13	43	10027	7.068	ug/l	94
20) Methylene Chloride	4.92	84	26510	8.713	ug/l	96

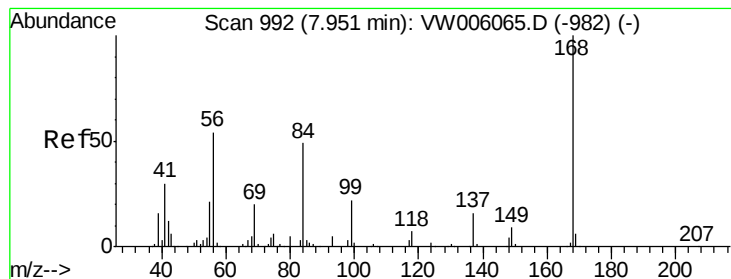
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW006082.D

Acq: 16 Oct 2018 16:44

Instrument :

MSVOA_W

ClientSampleId :

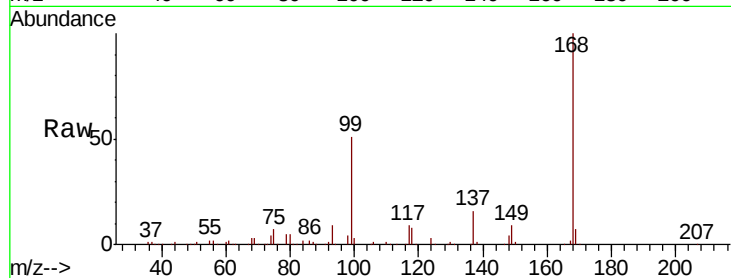
SUP-4B-G-101518-4

Tot Ion:168 Resp: 300492

Ion Ratio Lower Upper

168 100

99 50.9 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

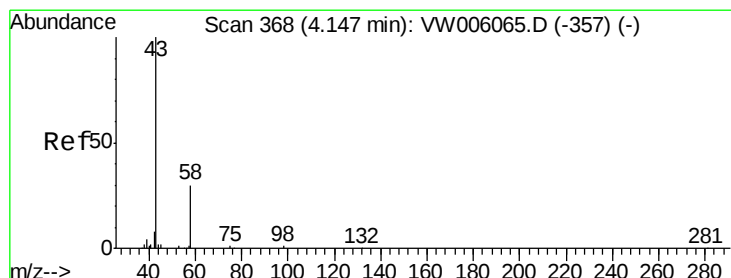
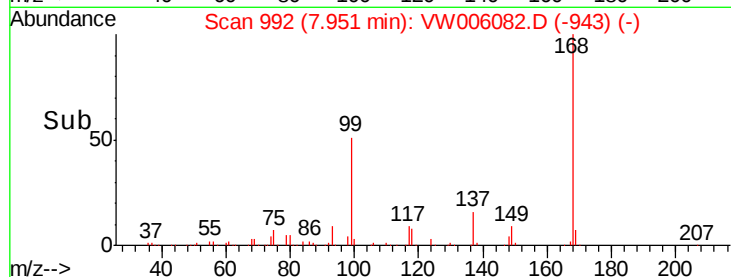
150000

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#16

Acetone

Concen: 7.068 ug/l

RT: 4.13 min Scan# 365

Delta R.T. -0.02 min

Lab File: VW006082.D

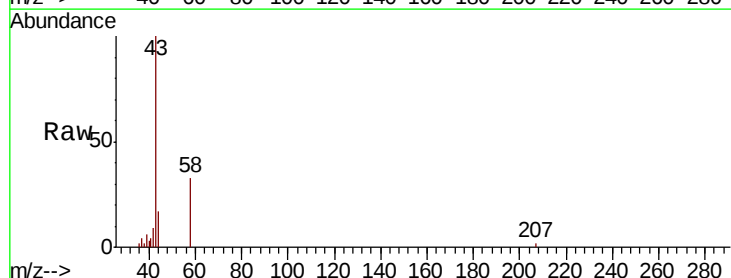
Acq: 16 Oct 2018 16:44

Tgt Ion: 43 Resp: 10027

Ion Ratio Lower Upper

43 100

58 33.4 24.0 36.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.13

4000

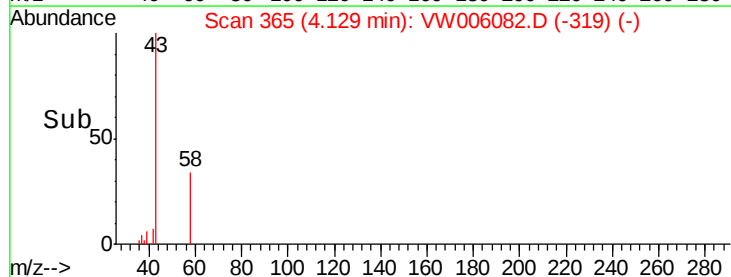
3000

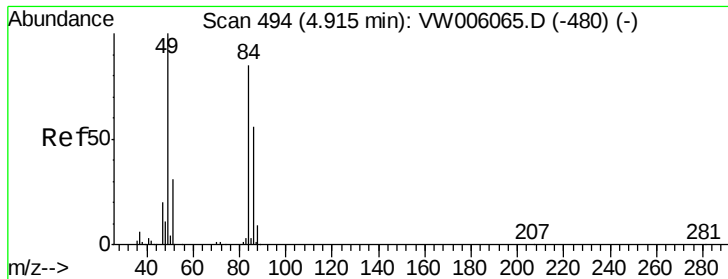
2000

1000

0

Time--> 4.00 4.10 4.20

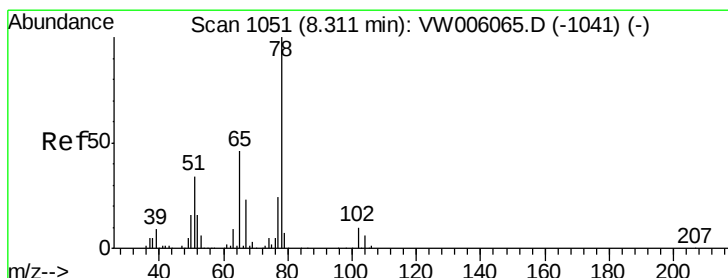
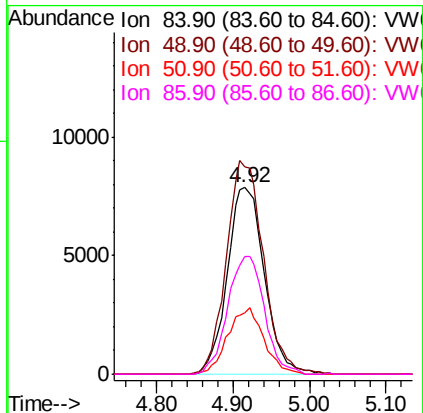
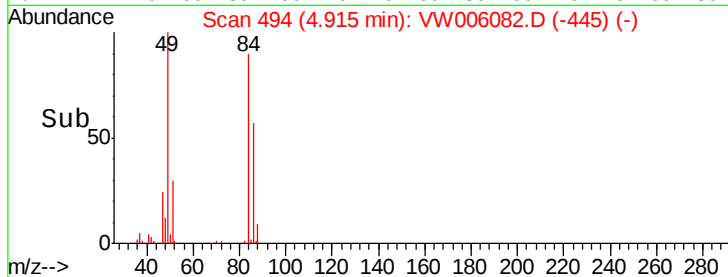
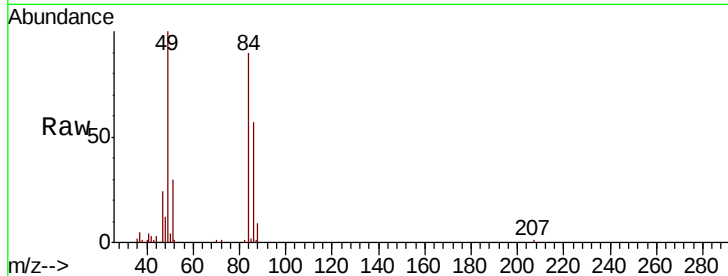




#20
Methvlene Chloride
Concen: 8.713 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW006082.D
Acq: 16 Oct 2018 16:44

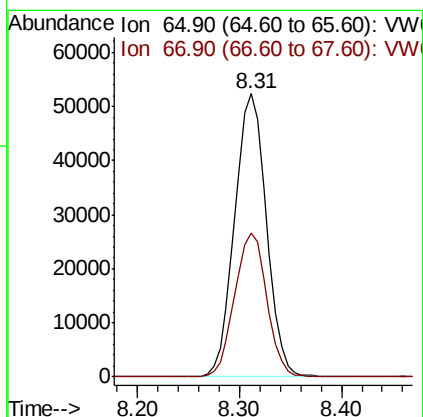
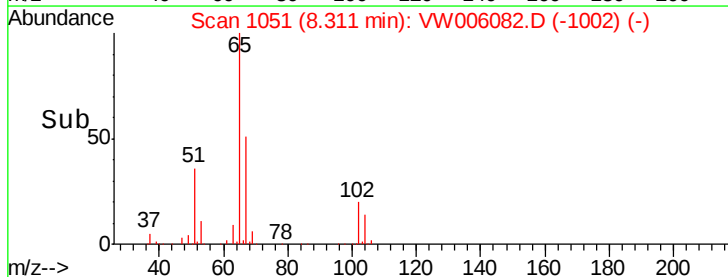
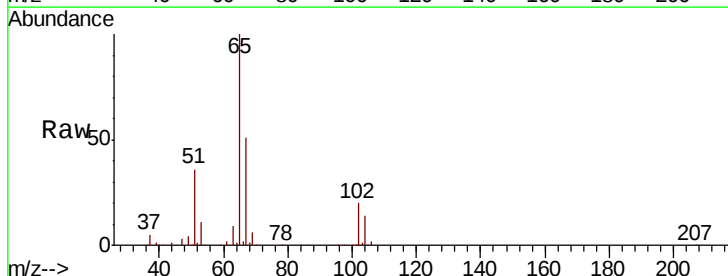
Instrument :
MSVOA_W
ClientSampleId :
SUP-4B-G-101518-4

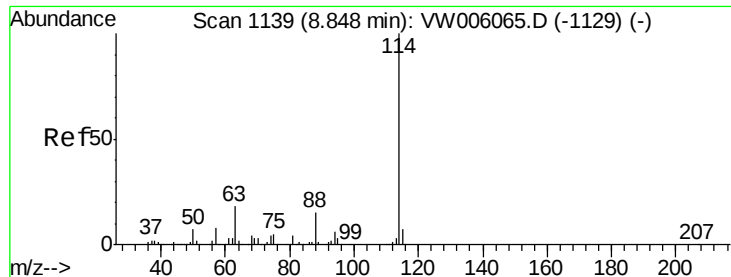
Tot Ion:	84	Resp:	26510
Ion	Ratio	Lower	Upper
84	100		
49	111.4	93.6	140.4
51	33.3	29.0	43.4
86	63.3	52.6	79.0



#33
1,2-Dichloroethane-d4
Concen: 45.417 ug/l
RT: 8.31 min Scan# 1051
Delta R.T. -0.00 min
Lab File: VW006082.D
Acq: 16 Oct 2018 16:44

Tgt Ion:	65	Resp:	113144
Ion	Ratio	Lower	Upper
65	100		
67	51.2	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: VW006082.D

Acq: 16 Oct 2018 16:44

Instrument :

MSVOA_W

ClientSampleId :

SUP-4B-G-101518-4

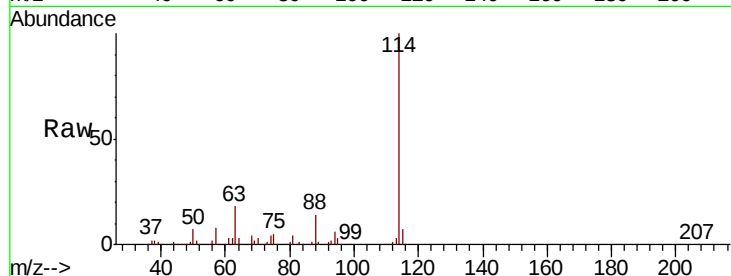
Tot Ion:114 Resp: 438642

Ion Ratio Lower Upper

114 100

63 18.4 0.0 36.8

88 14.3 0.0 29.0



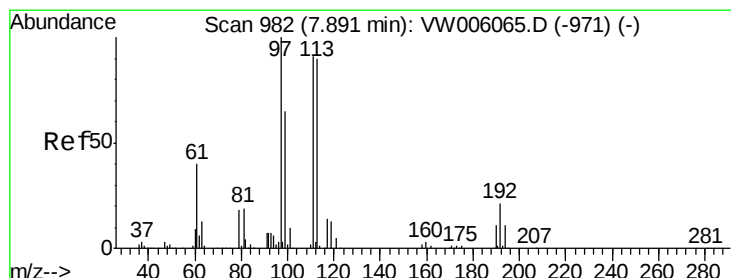
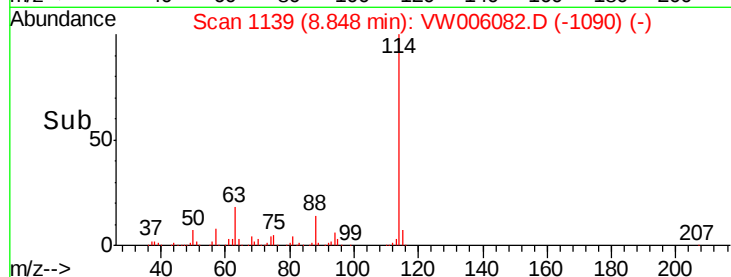
Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW

8.85

Time--> 8.70 8.80 8.90 9.00



#35

Dibromofluoromethane

Concen: 43.116 ug/l

RT: 7.89 min Scan# 982

Delta R.T. -0.00 min

Lab File: VW006082.D

Acq: 16 Oct 2018 16:44

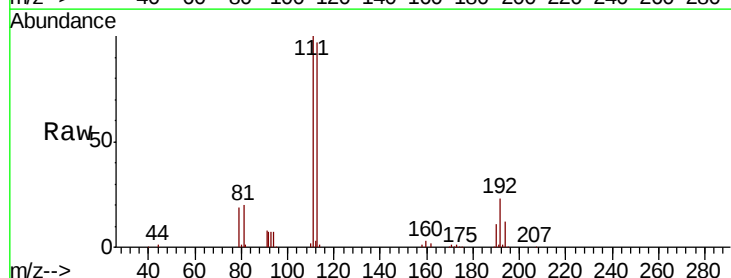
Tgt Ion:113 Resp: 111752

Ion Ratio Lower Upper

113 100

111 103.0 81.4 122.0

192 23.4 18.7 28.1



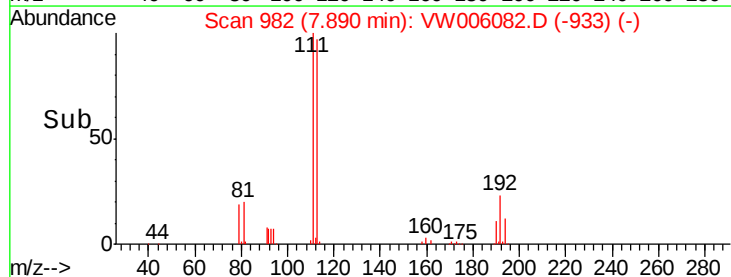
Abundance Ion 112.80 (112.50 to 113.50): V

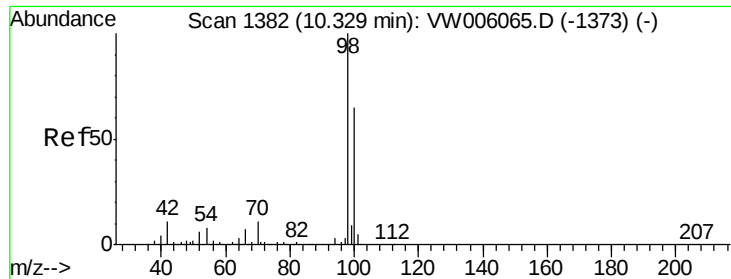
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

7.89

Time--> 7.80 7.90 8.00





#50

Toluene-d8

Concen: 41.225 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW006082.D

Acq: 16 Oct 2018 16:44

Instrument :

MSVOA_W

ClientSampleId :

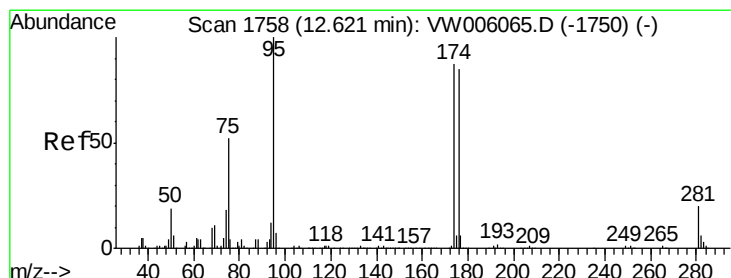
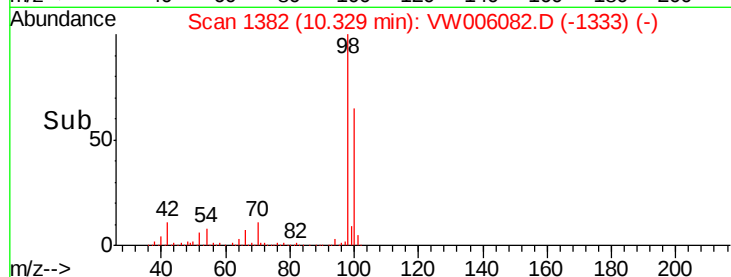
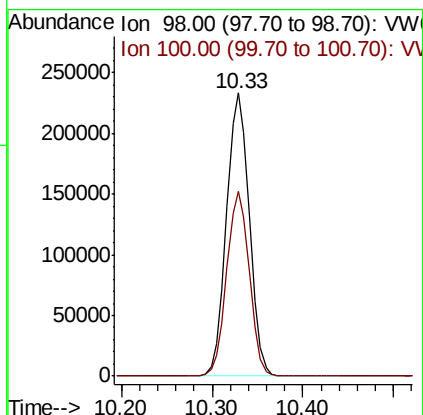
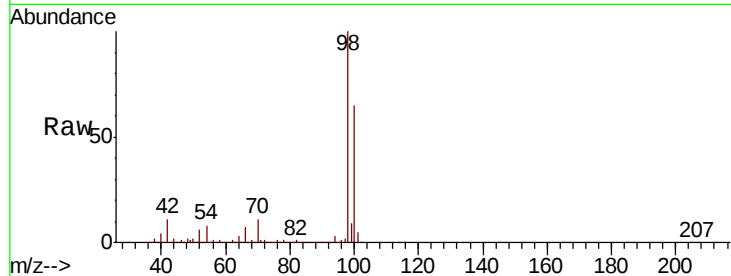
SUP-4B-G-101518-4

Tot Ion: 98 Resp: 406515

Ion Ratio Lower Upper

98 100

100 64.6 51.6 77.4



#62

4-Bromofluorobenzene

Concen: 38.648 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW006082.D

Acq: 16 Oct 2018 16:44

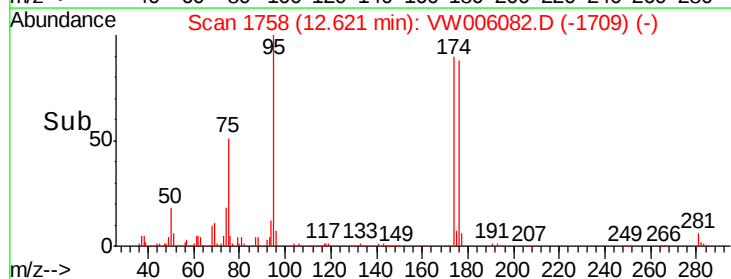
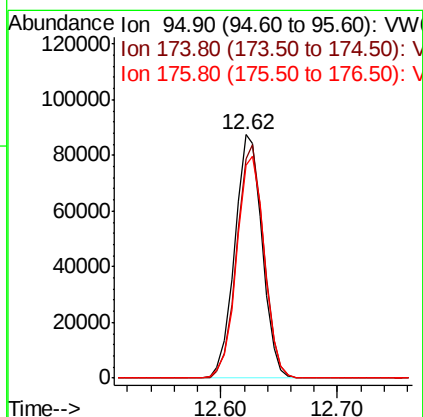
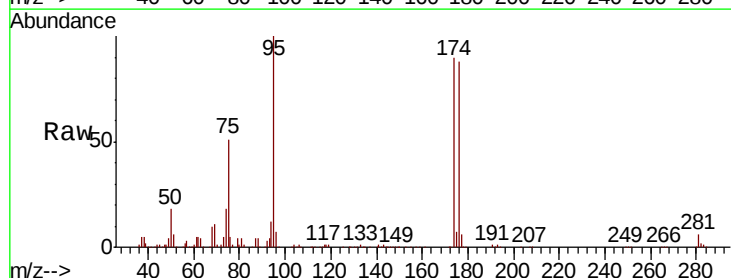
Tgt Ion: 95 Resp: 143138

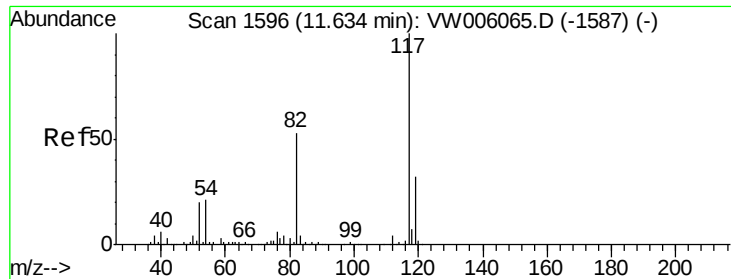
Ion Ratio Lower Upper

95 100

174 95.0 0.0 186.0

176 92.2 0.0 181.6

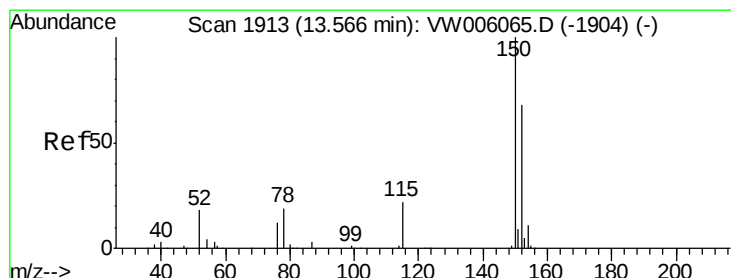
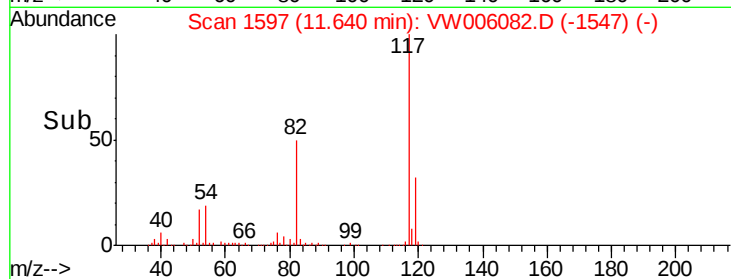
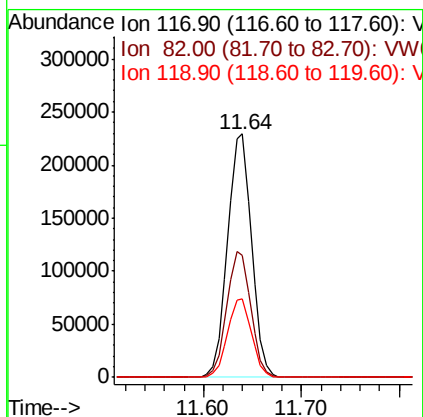
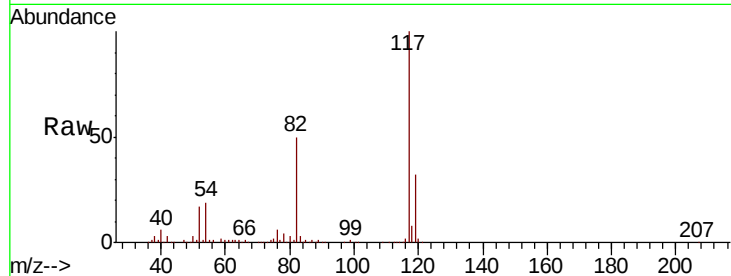




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1597
Delta R.T. 0.01 min
Lab File: VW006082.D
Acq: 16 Oct 2018 16:44

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

Tot Ion	Ratio	Lower	Upper
117	100		
82	50.0	42.1	63.1
119	32.1	25.8	38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. -0.00 min
Lab File: VW006082.D
Acq: 16 Oct 2018 16:44

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.7	27.8	83.3
150	156.2	0.0	349.2

