

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW101618\
 Data File : VW006079.D
 Acq On : 16 Oct 2018 15:27
 Operator : VA/AP
 Sample : J5526-01
 Misc : 4.97G/5ML/MSVOA W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SUP-4B-G-101518-1

Quant Time: Oct 16 15:57:27 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

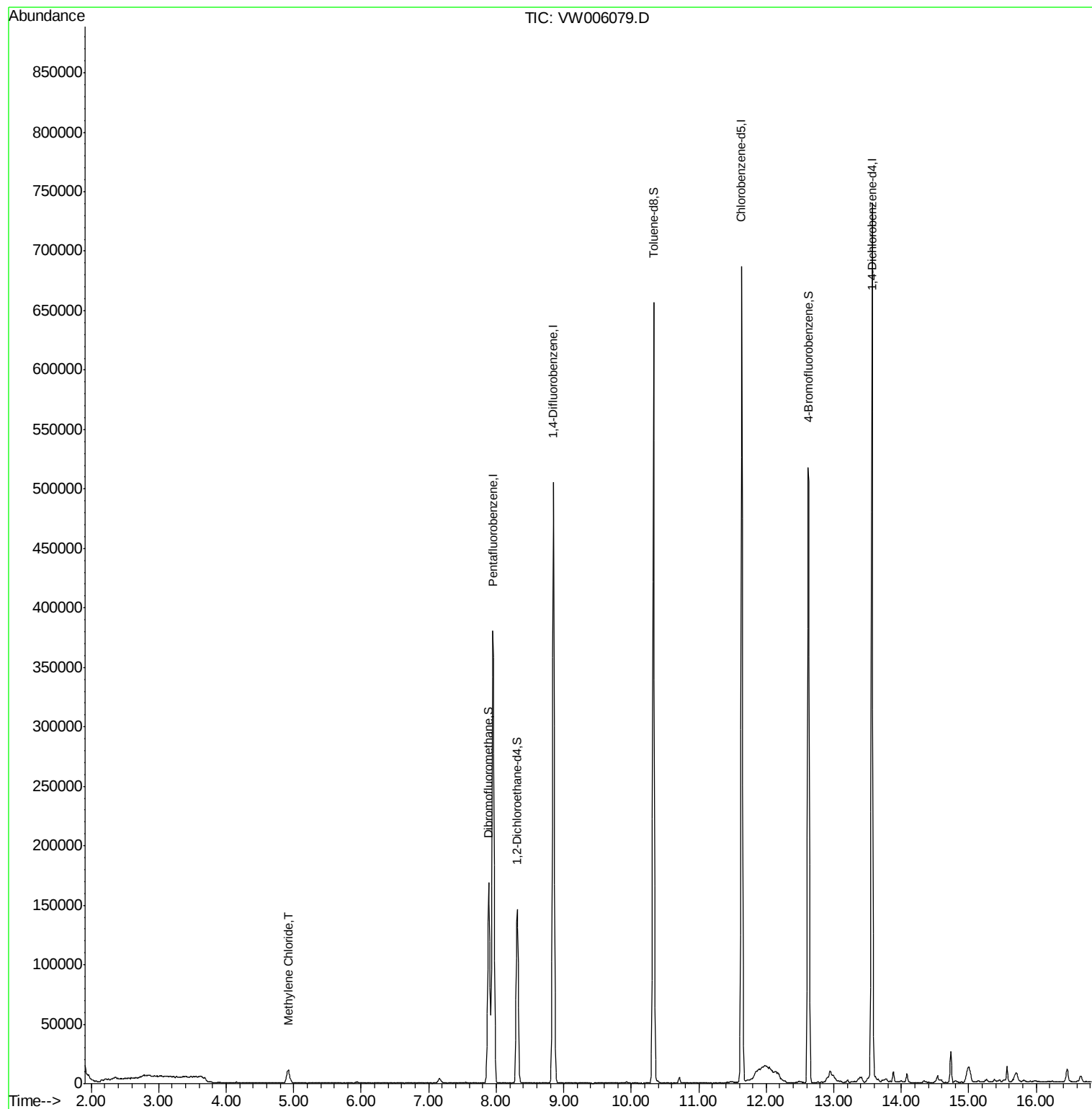
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	311129	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	446676	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	399410	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	205635	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	115879	44.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.84%	
35) Dibromofluoromethane	7.88	113	118666	44.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.92%	
50) Toluene-d8	10.33	98	445208	44.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.68%	
62) 4-Bromofluorobenzene	12.62	95	159172	42.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.40%	
Target Compounds						
20) Methylene Chloride	4.92	84	9161	1.787	ug/l	Qvalue 93

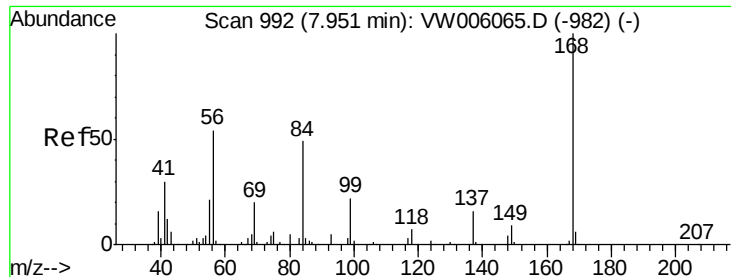
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW006079.D

Acq: 16 Oct 2018 15:27

Instrument :

MSVOA_W

ClientSampleId :

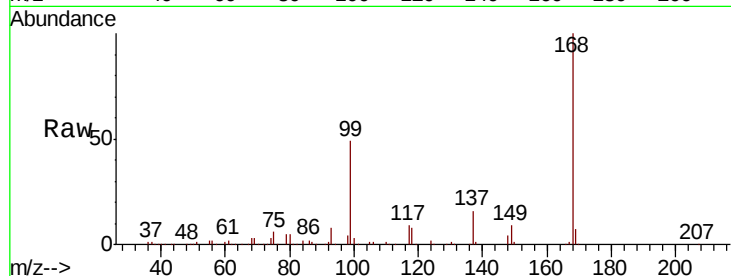
SUP-4B-G-101518-1

Tot Ion:168 Resp: 311129

Ion Ratio Lower Upper

168 100

99 48.5 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

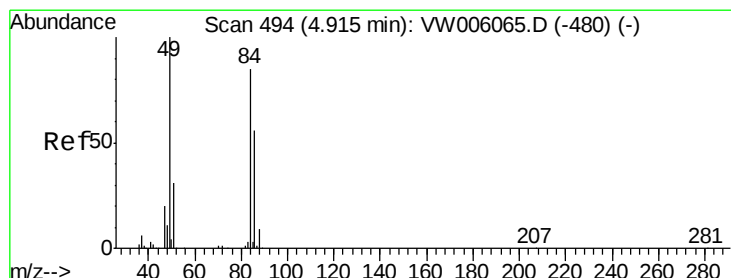
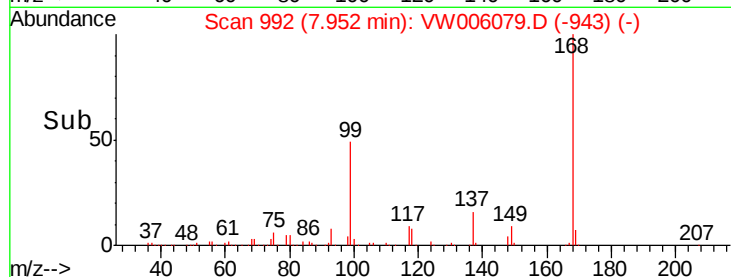
150000

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#20

Methylene Chloride

Concen: 1.787 ug/l

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

Lab File: VW006079.D

Acq: 16 Oct 2018 15:27

Tgt Ion: 84 Resp: 9161

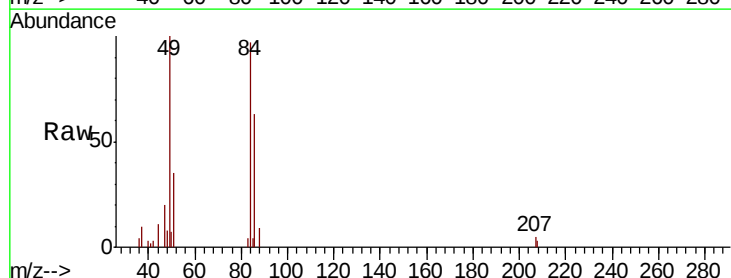
Ion Ratio Lower Upper

84 100

49 103.3 93.6 140.4

51 36.0 29.0 43.4

86 65.4 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

5000

4000

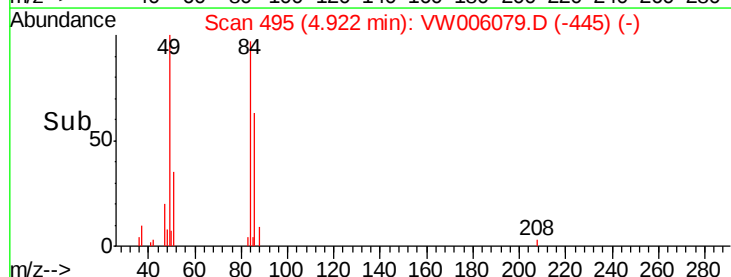
3000

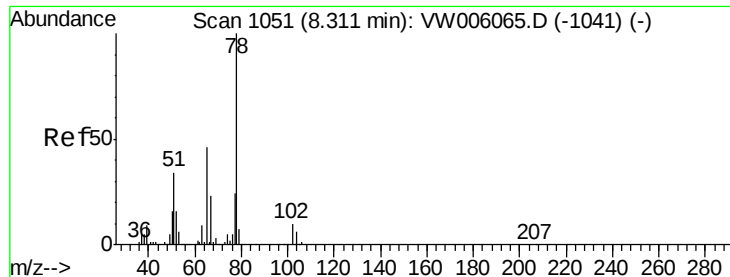
2000

1000

0

Time--> 4.80 4.90 5.00

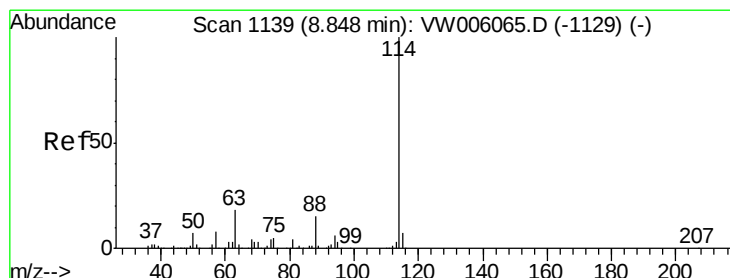
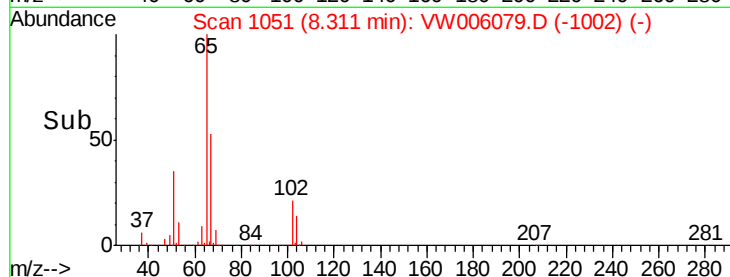
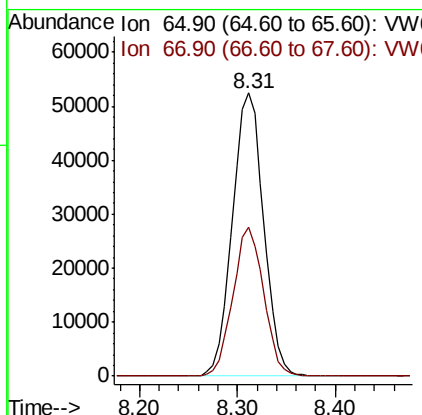
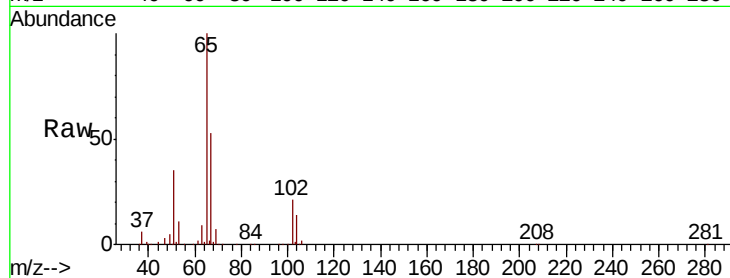




#33
 1,2-Dichloroethane-d4
 Concen: 44.924 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VW006079.D
 Acq: 16 Oct 2018 15:27

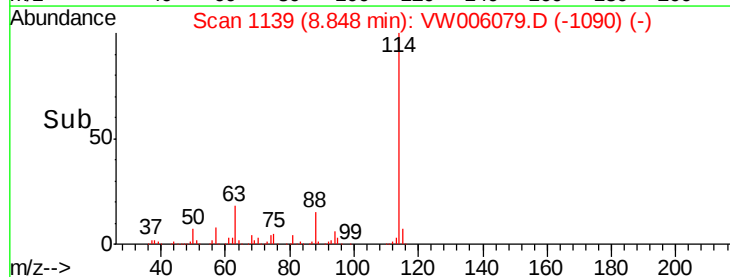
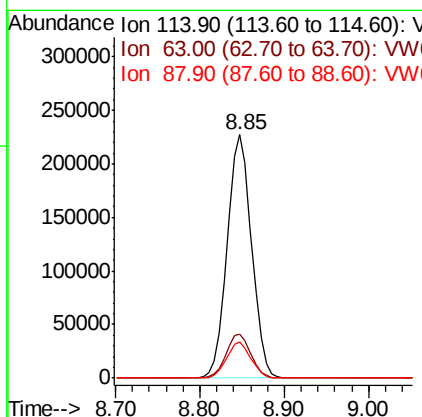
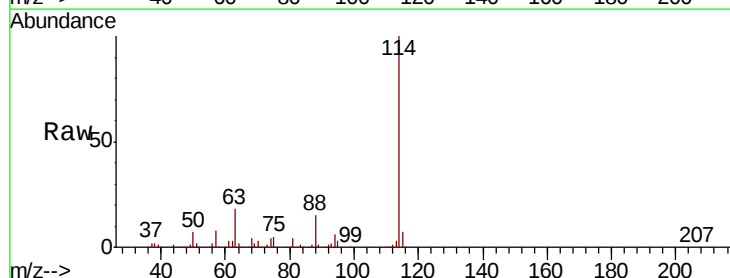
Instrument :
 MSVOA_W
 ClientSampleId :
 SUP-4B-G-101518-1

Tot Ion: 65 Resp: 115879
 Ion Ratio Lower Upper
 65 100
 67 52.0 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: VW006079.D
 Acq: 16 Oct 2018 15:27

Tgt Ion: 114 Resp: 446676
 Ion Ratio Lower Upper
 114 100
 63 18.2 0.0 36.8
 88 15.1 0.0 29.0

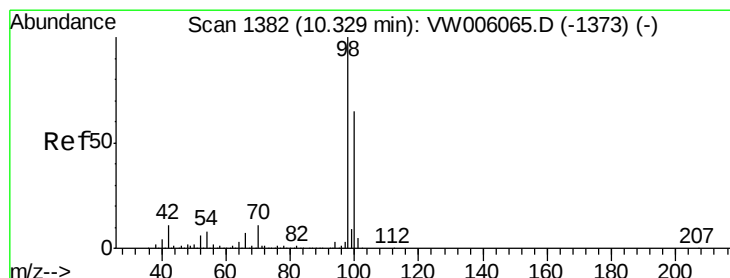
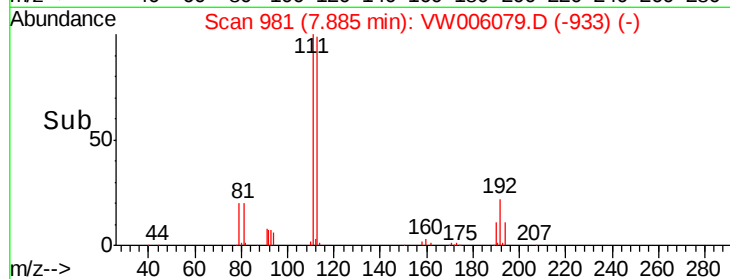
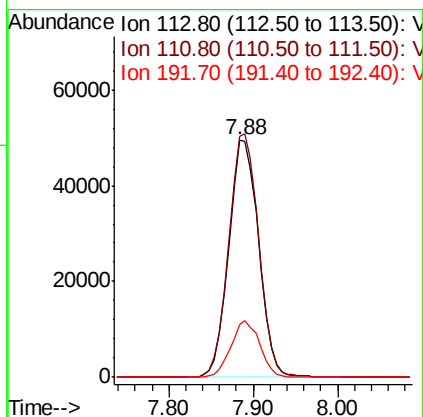
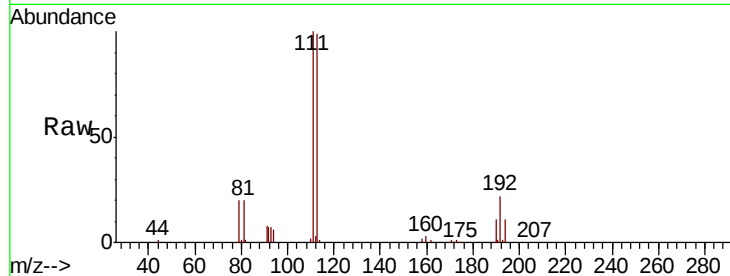




#35
 Dibromofluoromethane
 Concen: 44.960 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW006079.D
 Acq: 16 Oct 2018 15:27

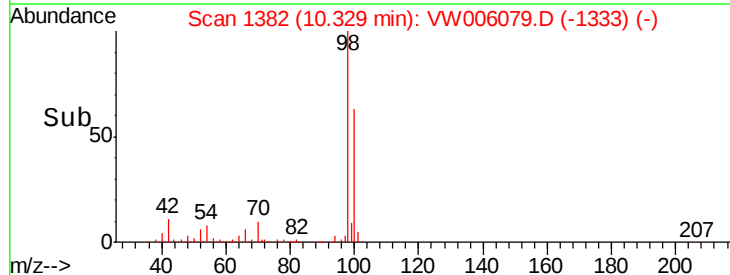
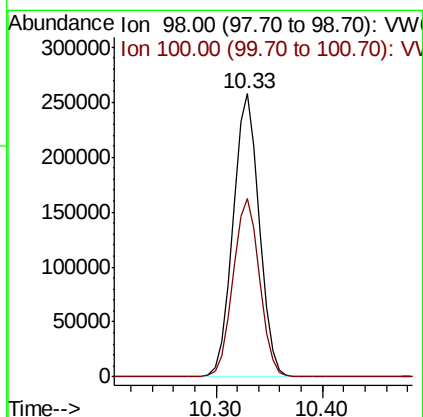
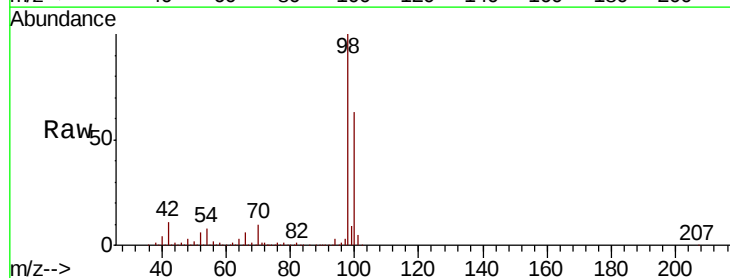
Instrument :
 MSVOA_W
 ClientSampleId :
 SUP-4B-G-101518-1

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.9	81.4	122.0
192	23.0	18.7	28.1



#50
 Toluene-d8
 Concen: 44.336 ug/l
 RT: 10.33 min Scan# 1382
 Delta R.T. 0.00 min
 Lab File: VW006079.D
 Acq: 16 Oct 2018 15:27

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.7	51.6	77.4

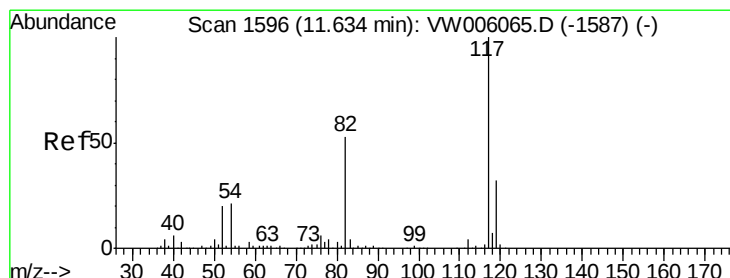
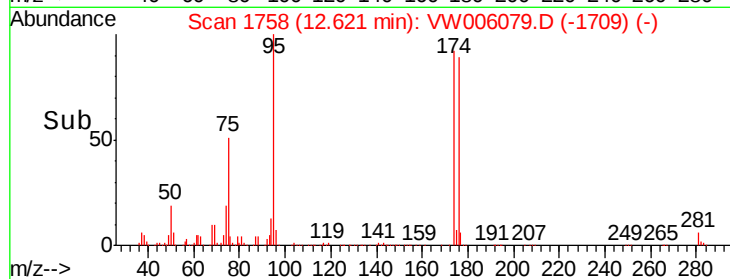
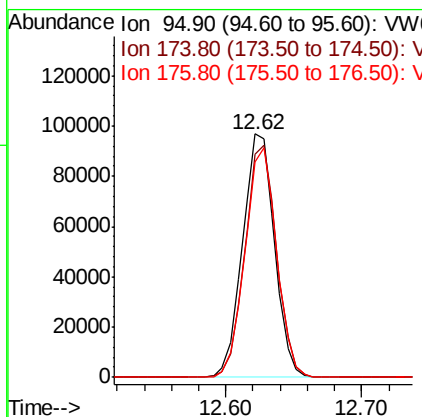
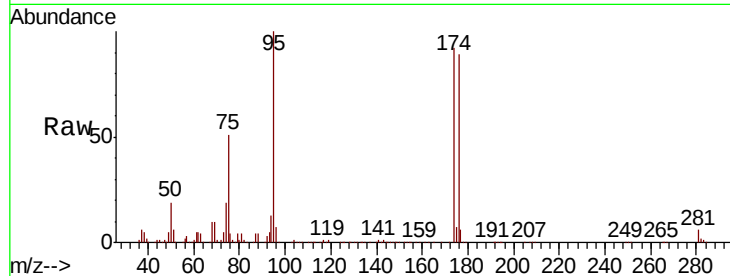




#62
4-Bromofluorobenzene
Concen: 42.204 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW006079.D
Acq: 16 Oct 2018 15:27

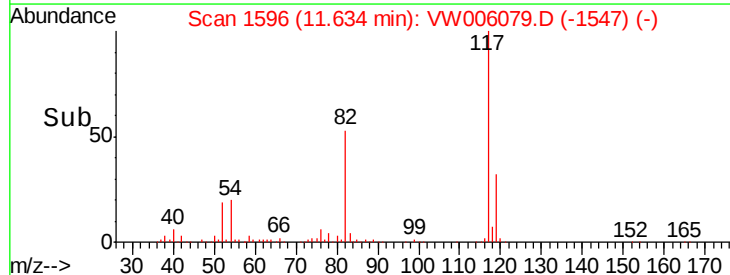
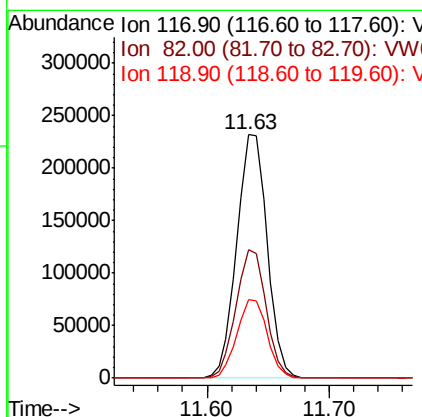
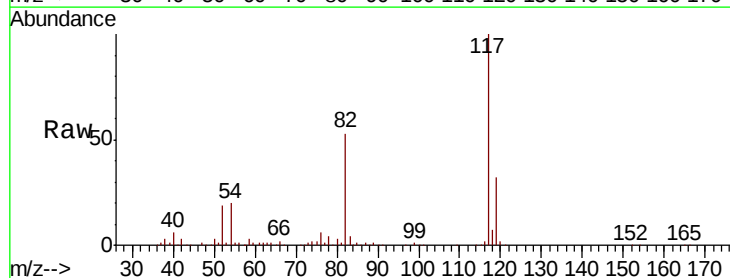
Instrument :
MSVOA_W
ClientSampleId :
SUP-4B-G-101518-1

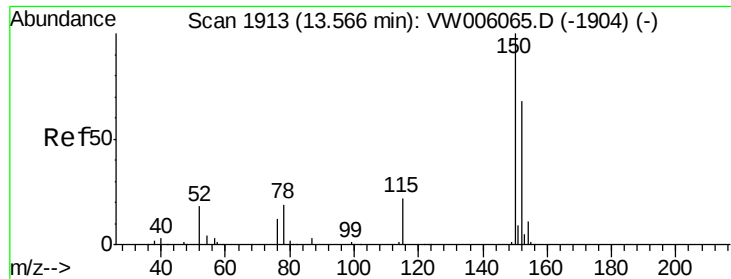
Tot Ion: 95 Resp: 159172
Ion Ratio Lower Upper
95 100
174 94.8 0.0 186.0
176 93.3 0.0 181.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006079.D
Acq: 16 Oct 2018 15:27

Tgt Ion: 117 Resp: 399410
Ion Ratio Lower Upper
117 100
82 52.6 42.1 63.1
119 32.3 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: VW006079.D

Acq: 16 Oct 2018 15:27

Instrument :

MSVOA_W

ClientSampleId :

SUP-4B-G-101518-1

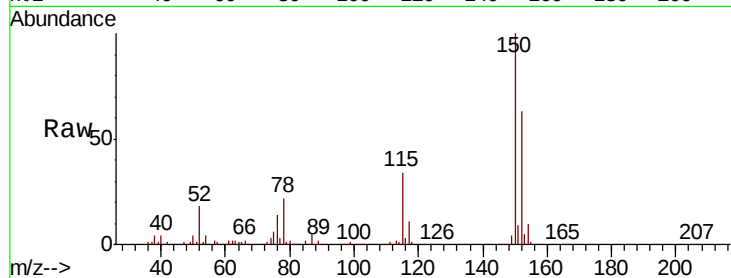
Tot Ion:152 Resp: 205635

Ion Ratio Lower Upper

152 100

115 54.8 27.8 83.3

150 155.5 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

