

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW101618\
 Data File : VW006087.D
 Acq On : 16 Oct 2018 18:53
 Operator : VA/AP
 Sample : J5526-09
 Misc : 6.91G/5ML/MSVOA W/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SUP-4B-G-101518-9

Quant Time: Oct 17 01:28:32 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

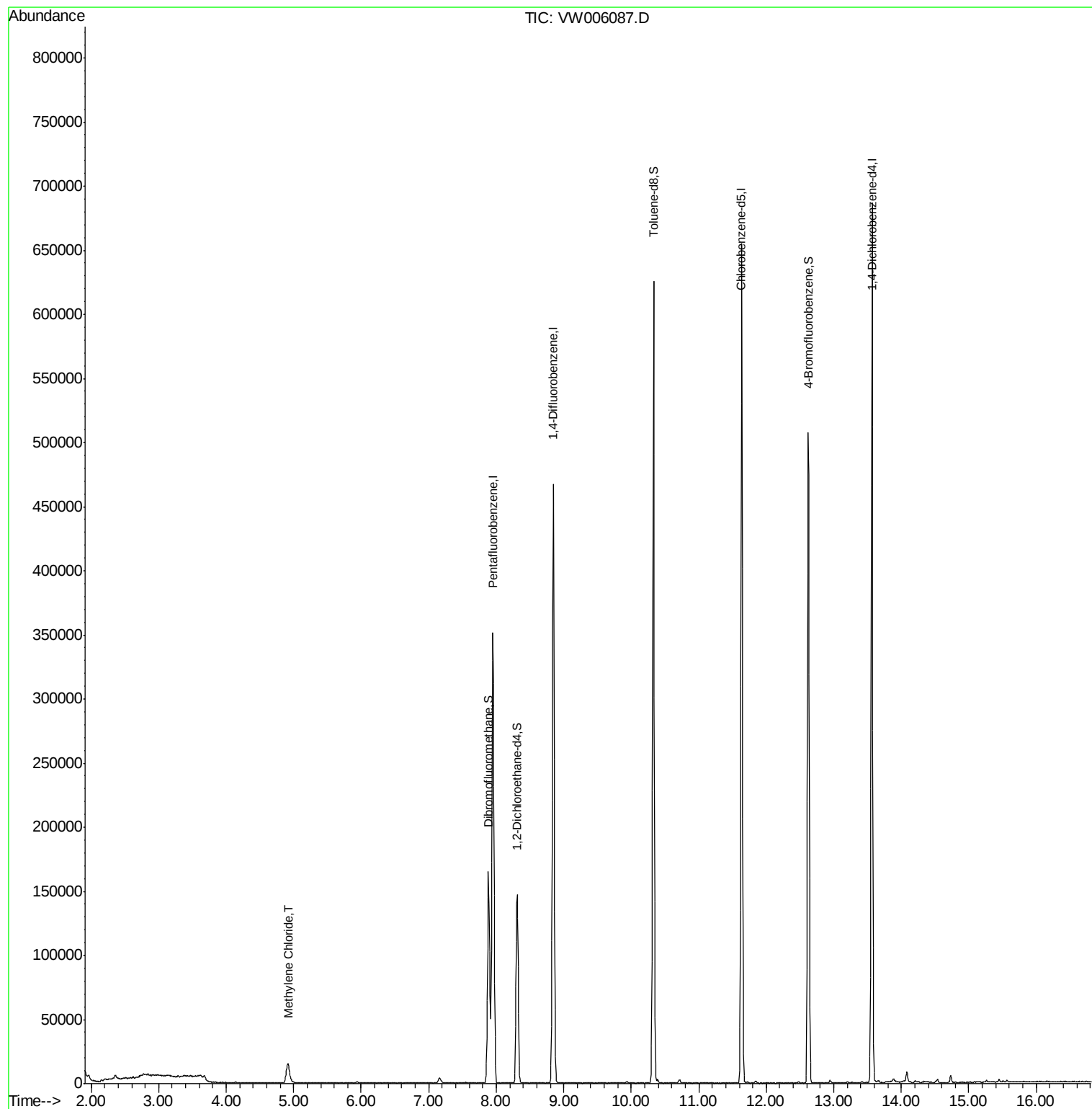
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	283198	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	414596	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	373299	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	193480	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	115896	49.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.72%	
35) Dibromofluoromethane	7.89	113	115312	47.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.14%	
50) Toluene-d8	10.33	98	425904	45.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.40%	
62) 4-Bromofluorobenzene	12.62	95	154206	44.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.10%	
Target Compounds						
20) Methylene Chloride	4.91	84	13617	3.983	ug/l	Qvalue 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: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW006087.D

Acq: 16 Oct 2018 18:53

Instrument :

MSVOA_W

ClientSampleId :

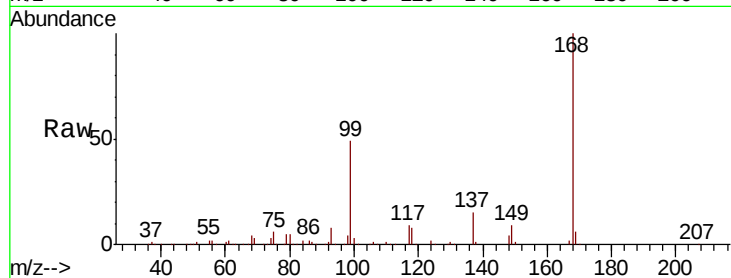
SUP-4B-G-101518-9

Tot Ion:168 Resp: 283198

Ion Ratio Lower Upper

168 100

99 49.1 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

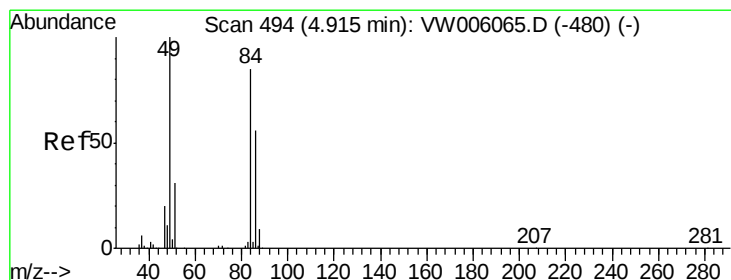
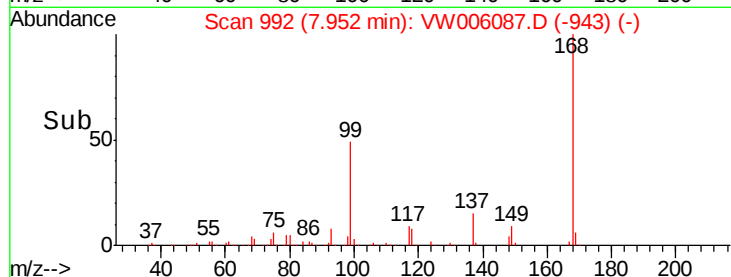
100000

50000

0

7.90 8.00 8.10

Time-->



#20

Methylene Chloride

Concen: 3.983 ug/l

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW006087.D

Acq: 16 Oct 2018 18:53

Tgt Ion: 84 Resp: 13617

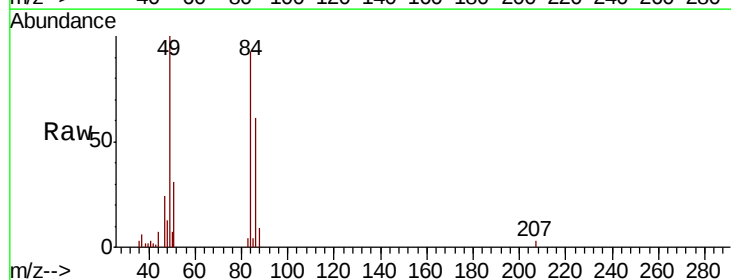
Ion Ratio Lower Upper

84 100

49 107.5 93.6 140.4

51 33.4 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

4.91

6000

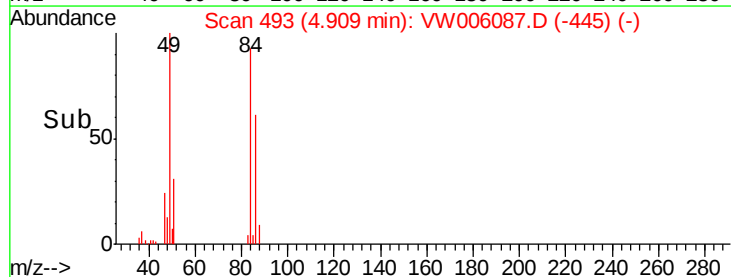
4000

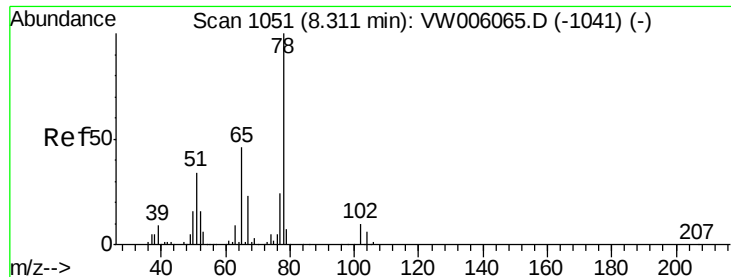
2000

0

4.80 4.90 5.00

Time-->





#33

1,2-Dichloroethane-d4

Concen: 49.362 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VW006087.D

Acq: 16 Oct 2018 18:53

Instrument :

MSVOA_W

ClientSampleId :

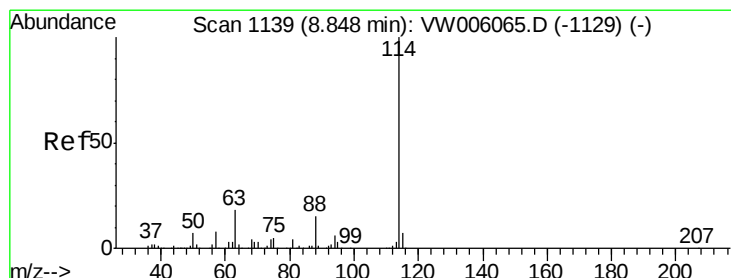
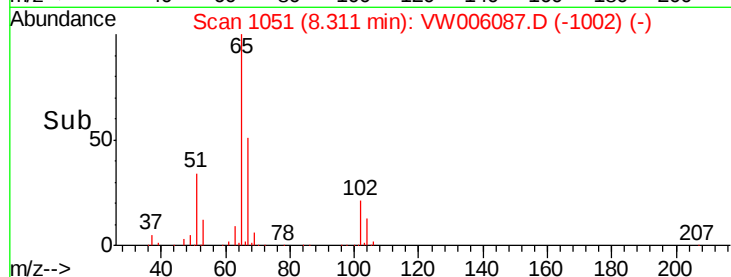
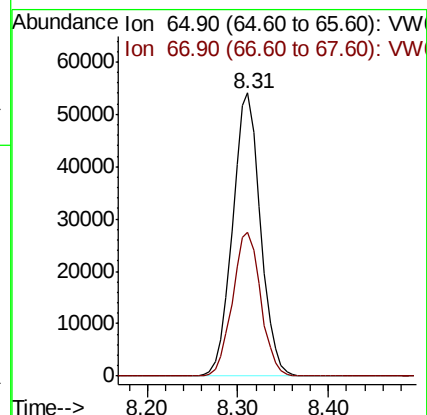
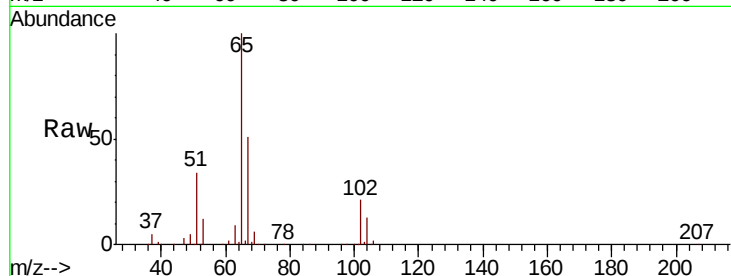
SUP-4B-G-101518-9

Tot Ion: 65 Resp: 115896

Ion Ratio Lower Upper

65 100

67 51.7 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: VW006087.D

Acq: 16 Oct 2018 18:53

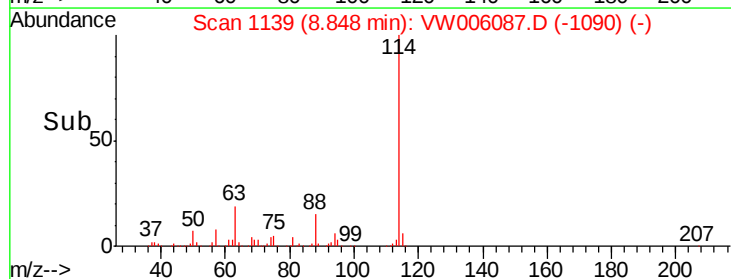
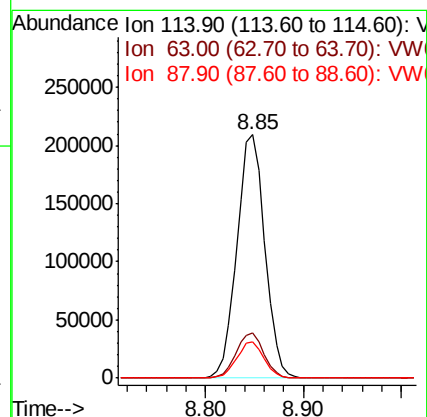
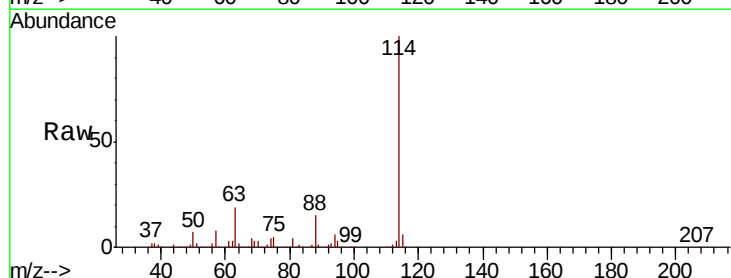
Tgt Ion: 114 Resp: 414596

Ion Ratio Lower Upper

114 100

63 18.5 0.0 36.8

88 14.9 0.0 29.0

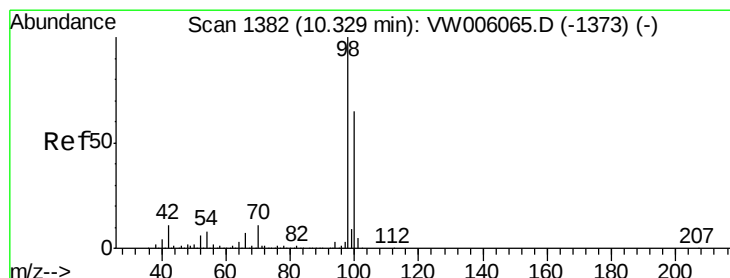
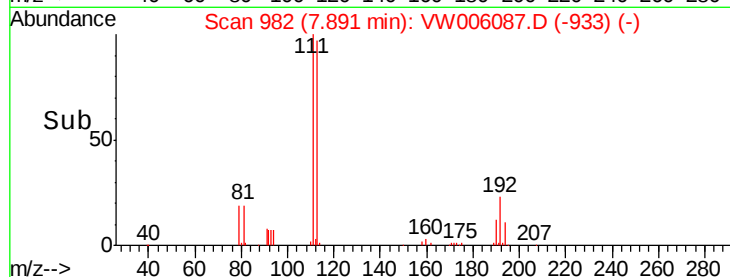
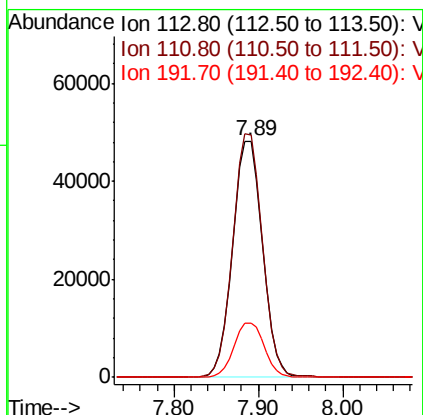
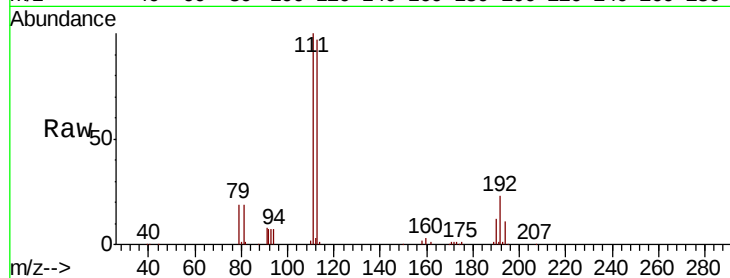




#35
 Dibromofluoromethane
 Concen: 47.069 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VW006087.D
 Acq: 16 Oct 2018 18:53

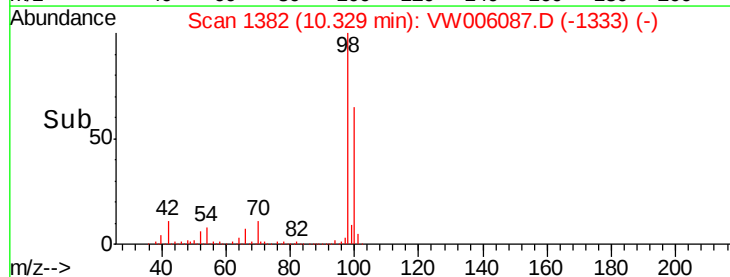
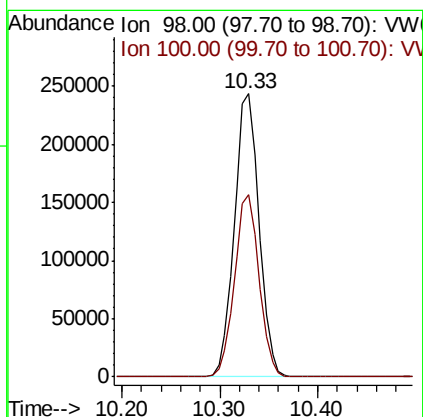
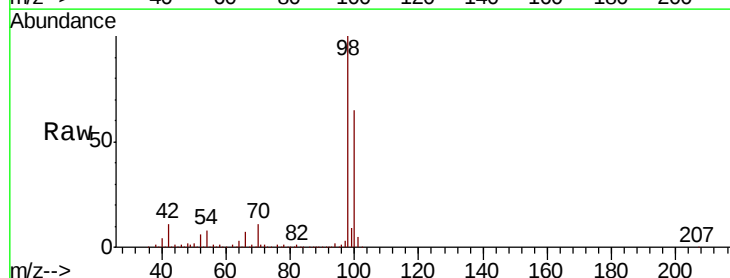
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 SUP-4B-G-101518-9

Tot Ion:113 Resp: 115312
 Ion Ratio Lower Upper
 113 100
 111 102.0 81.4 122.0
 192 23.2 18.7 28.1



#50
 Toluene-d8
 Concen: 45.696 ug/l
 RT: 10.33 min Scan# 1382
 Delta R.T. 0.00 min
 Lab File: VW006087.D
 Acq: 16 Oct 2018 18:53

Tgt Ion: 98 Resp: 425904
 Ion Ratio Lower Upper
 98 100
 100 64.0 51.6 77.4

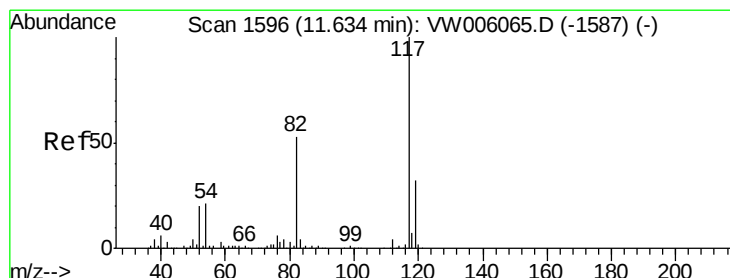
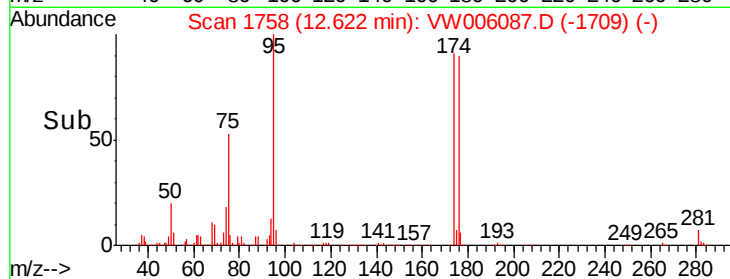
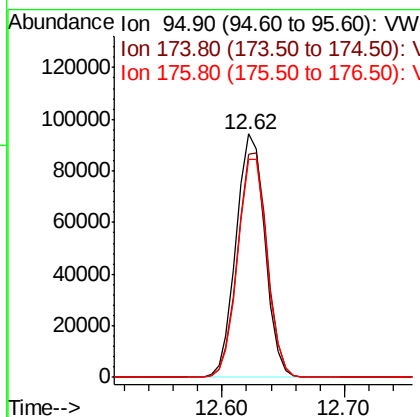
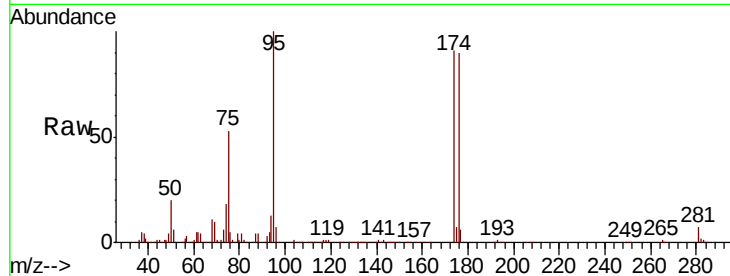




#62
4-Bromofluorobenzene
Concen: 44.051 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW006087.D
Acq: 16 Oct 2018 18:53

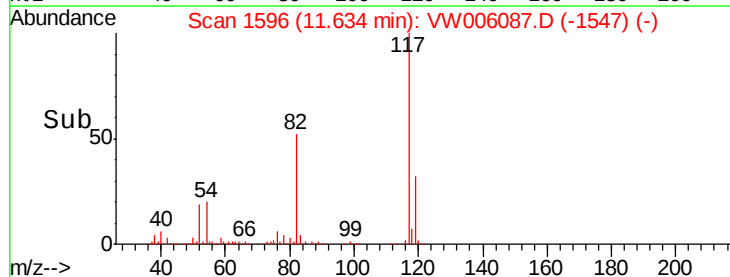
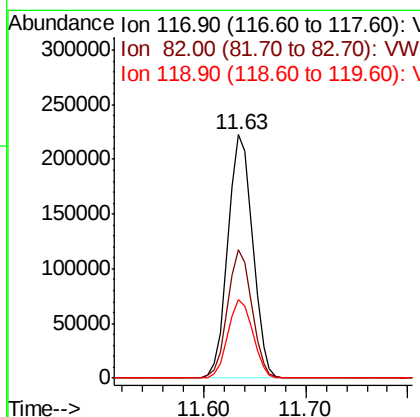
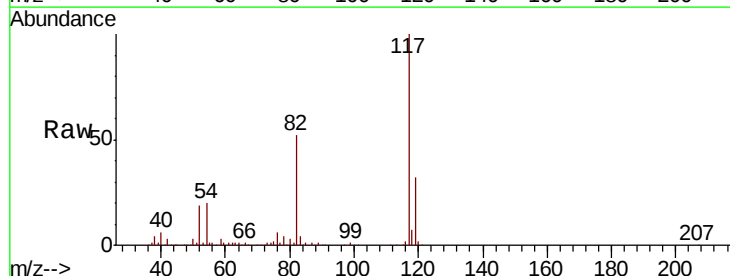
Instrument :
MSVOA_W
ClientSampleId :
SUP-4B-G-101518-9

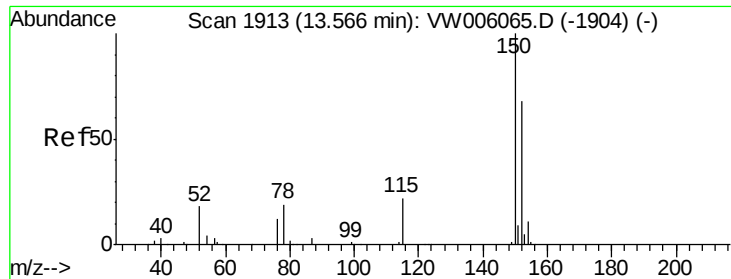
Tot Ion: 95 Resp: 154206
Ion Ratio Lower Upper
95 100
174 94.2 0.0 186.0
176 91.3 0.0 181.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006087.D
Acq: 16 Oct 2018 18:53

Tgt Ion: 117 Resp: 373299
Ion Ratio Lower Upper
117 100
82 52.5 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: VW006087.D

Acq: 16 Oct 2018 18:53

Instrument :

MSVOA_W

ClientSampleId :

SUP-4B-G-101518-9

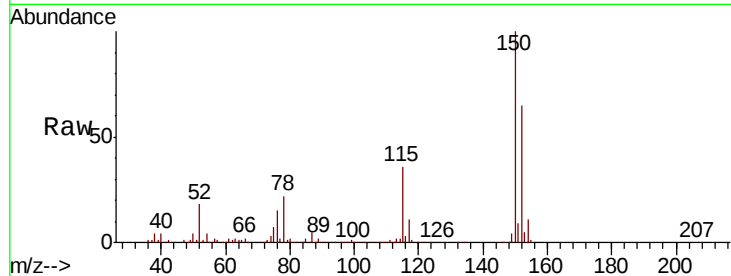
Tot Ion:152 Resp: 193480

Ion Ratio Lower Upper

152 100

115 54.0 27.8 83.3

150 155.3 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

