

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110118\
 Data File : VW006538.D
 Acq On : 31 Oct 2018 20:29
 Operator : SY/AP
 Sample : J5649-13
 Misc : 3.72G/5ML/MSVOA W/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DL-05B

Quant Time: Oct 31 23:24:26 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 18 17:01:24 2018
 Response via : Initial Calibration

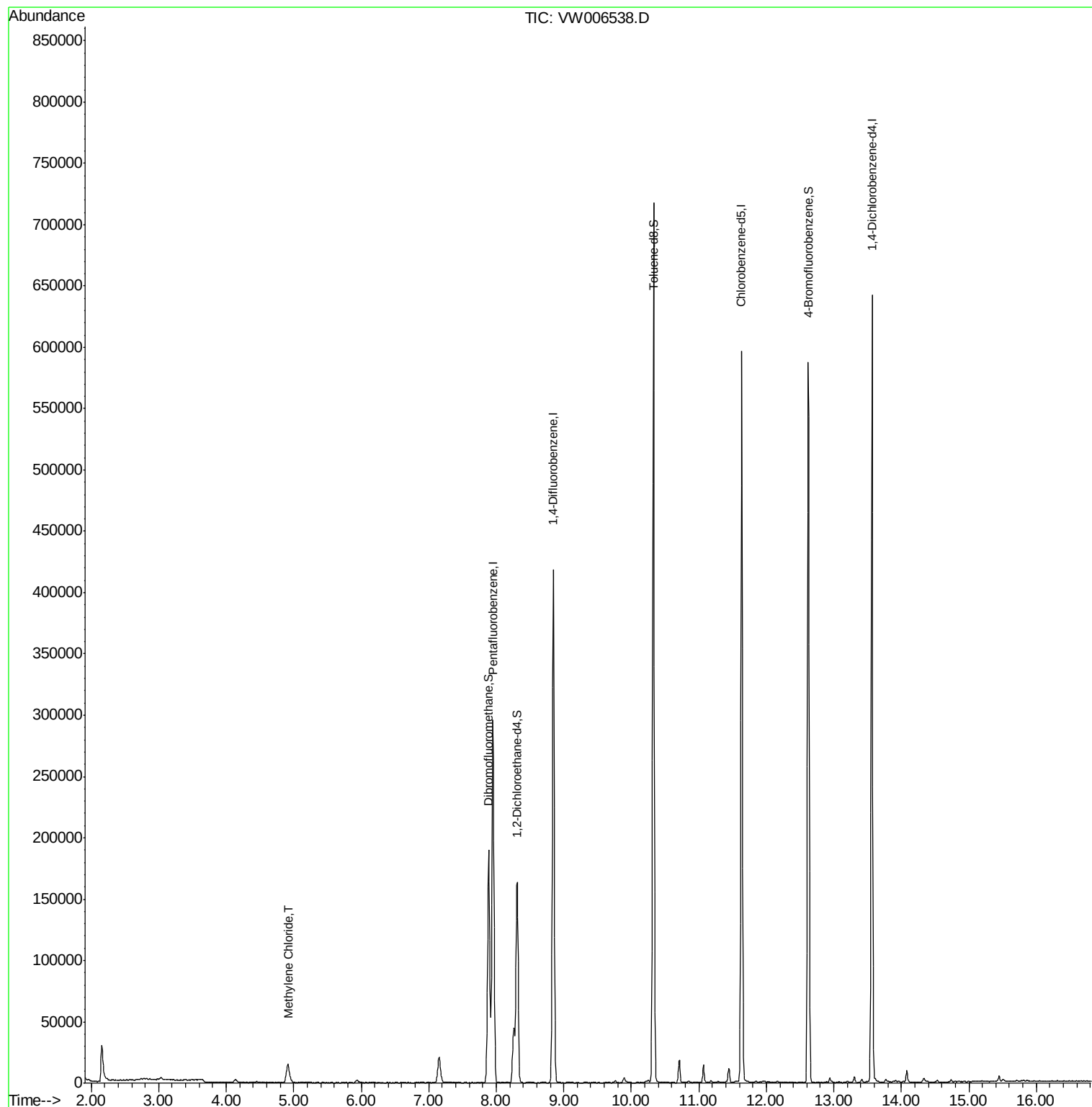
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	243691	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	381339	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	349908	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	185580	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	131329	65.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	130.00%	
35) Dibromofluoromethane	7.88	113	133014	59.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	118.06%	
50) Toluene-d8	10.33	98	495267	57.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.54%	
62) 4-Bromofluorobenzene	12.62	95	176500	54.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.64%	
Target Compounds						
20) Methylene Chloride	4.92	84	13230	4.715	ug/l	Qvalue 94

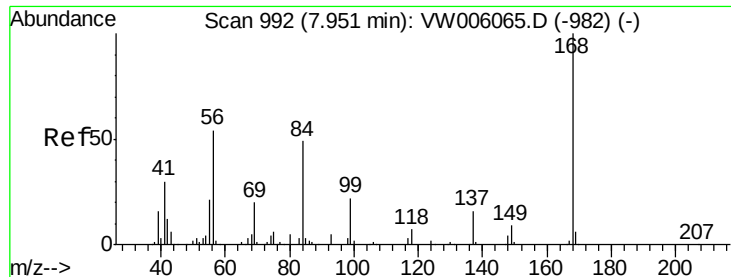
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Oct 18 17:01:24 2018
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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: VW006538.D

Acq: 31 Oct 2018 20:29

Instrument :

MSVOA_W

ClientSampleId :

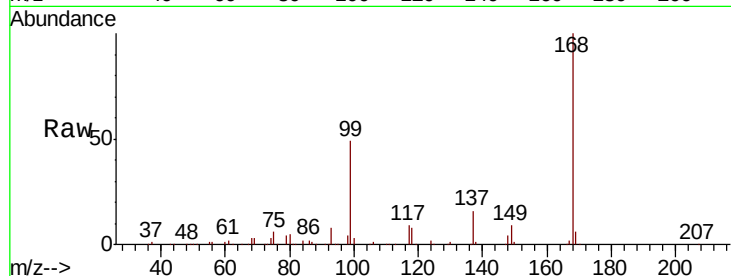
DL-05B

Tot Ion:168 Resp: 243691

Ion Ratio Lower Upper

168 100

99 48.7 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

120000

100000

80000

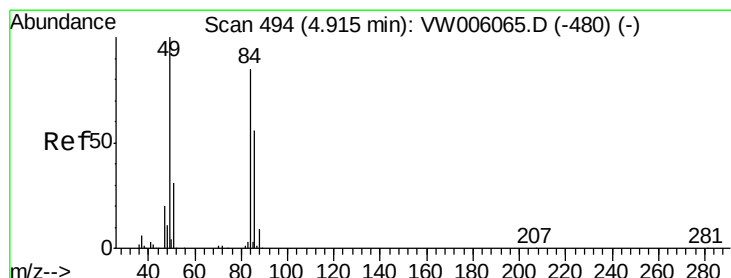
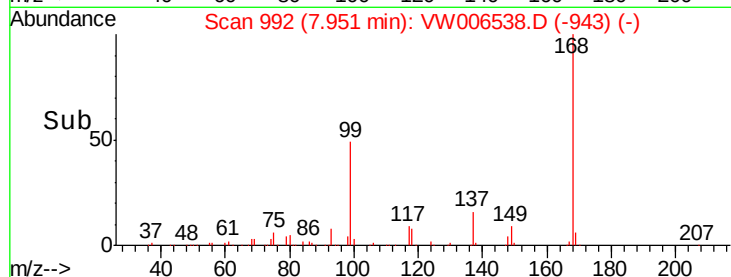
60000

40000

20000

0

Time-->



#20

Methylene Chloride

Concen: 4.715 ug/l

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

Lab File: VW006538.D

Acq: 31 Oct 2018 20:29

Tgt Ion: 84 Resp: 13230

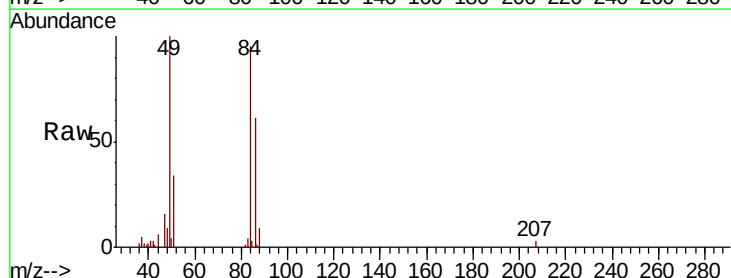
Ion Ratio Lower Upper

84 100

49 105.8 93.6 140.4

51 36.2 29.0 43.4

86 64.7 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

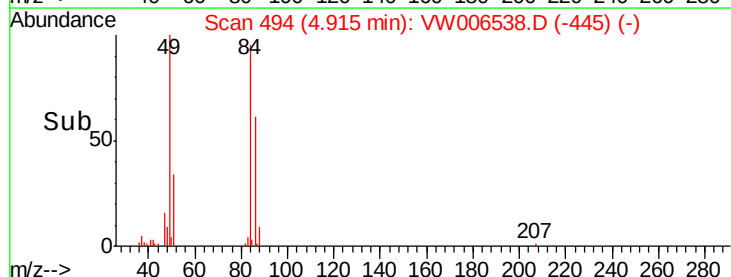
6000

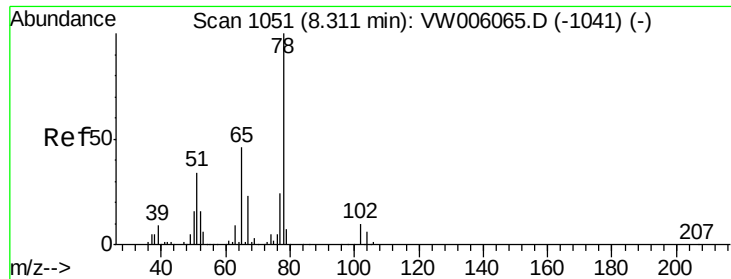
4000

2000

0

Time-->

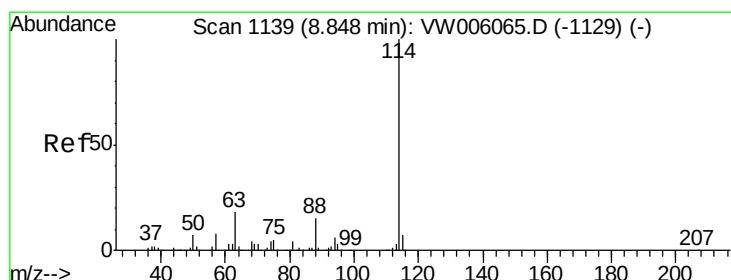
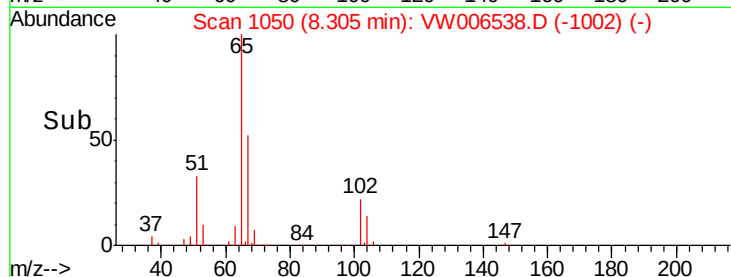
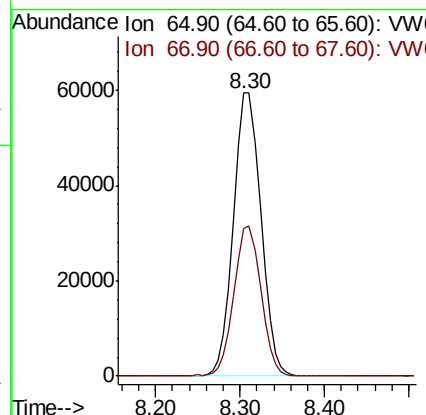
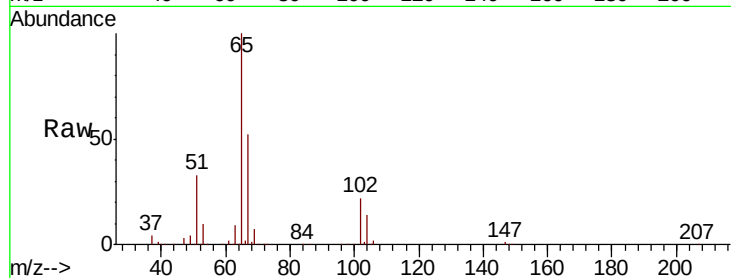




#33
 1,2-Dichloroethane-d4
 Concen: 65.004 ug/l
 RT: 8.30 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: VW006538.D
 Acq: 31 Oct 2018 20:29

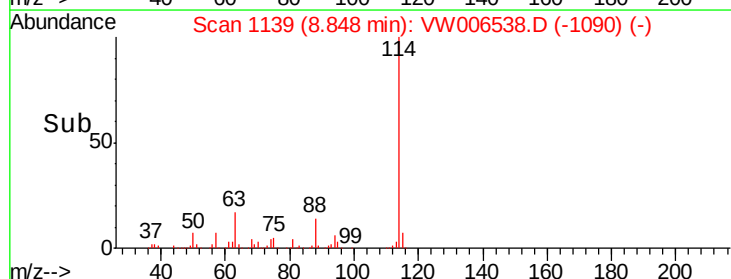
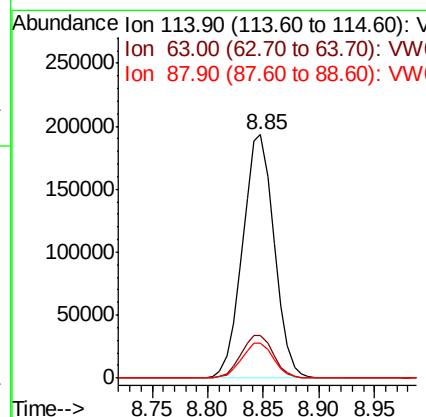
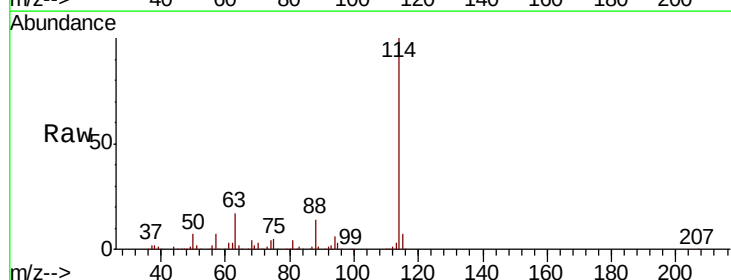
Instrument :
 MSVOA_W
 ClientSampleId :
 DL-05B

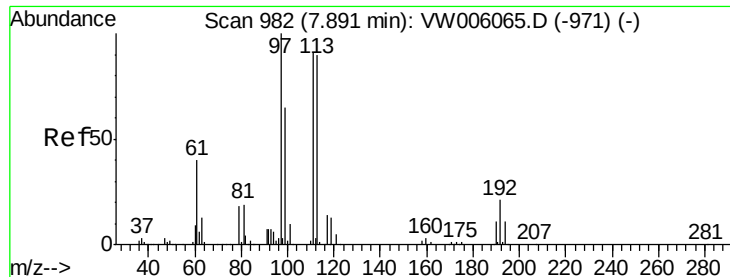
Tot Ion: 65 Resp: 131329
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 101.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW006538.D
 Acq: 31 Oct 2018 20:29

Tgt Ion: 114 Resp: 381339
 Ion Ratio Lower Upper
 114 100
 63 17.4 0.0 36.8
 88 14.1 0.0 29.0





#35

Dibromofluoromethane

Concen: 59.030 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.01 min

Lab File: VW006538.D

Acq: 31 Oct 2018 20:29

Instrument :

MSVOA_W

ClientSampleId :

DL-05B

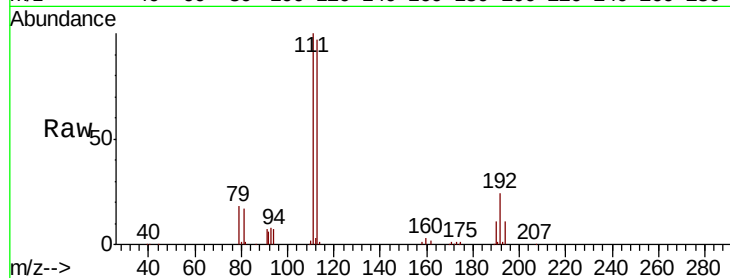
Tot Ion:113 Resp: 133014

Ion Ratio Lower Upper

113 100

111 102.2 81.4 122.0

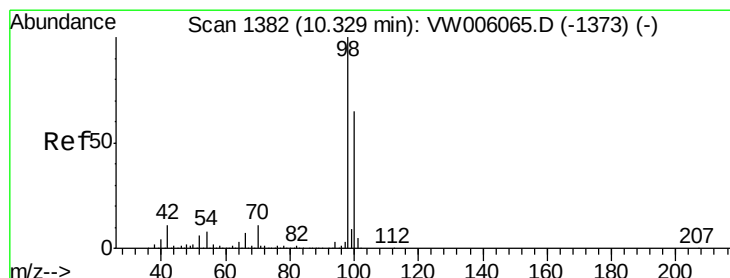
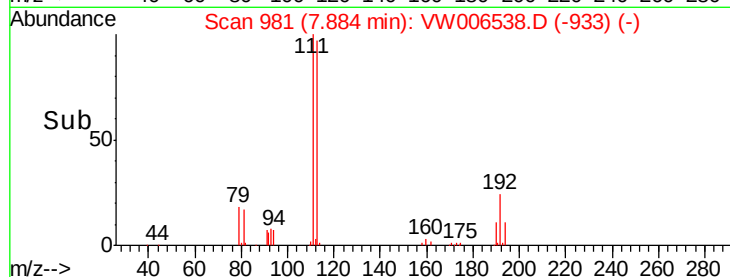
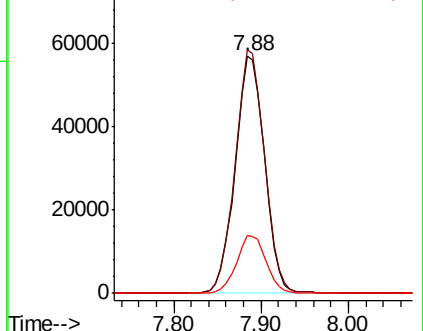
192 24.3 18.7 28.1



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



#50

Toluene-d8

Concen: 57.772 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW006538.D

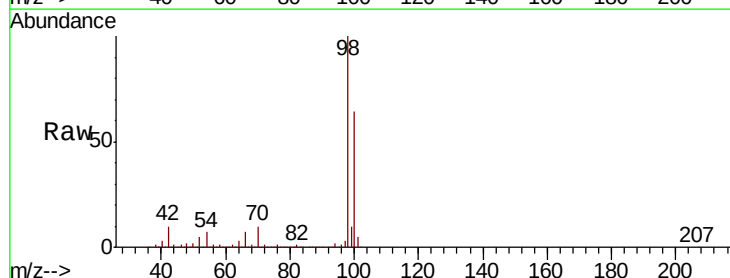
Acq: 31 Oct 2018 20:29

Tgt Ion: 98 Resp: 495267

Ion Ratio Lower Upper

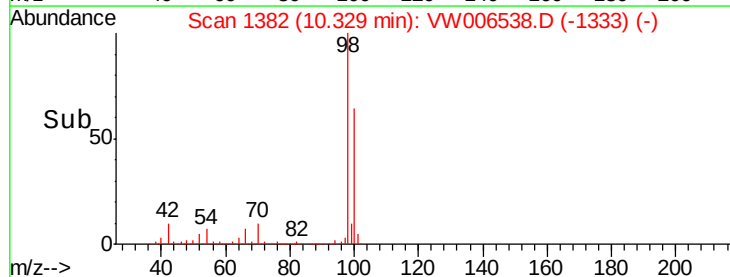
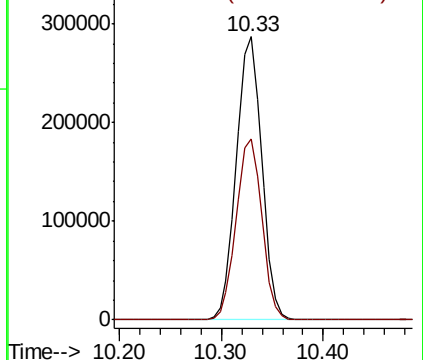
98 100

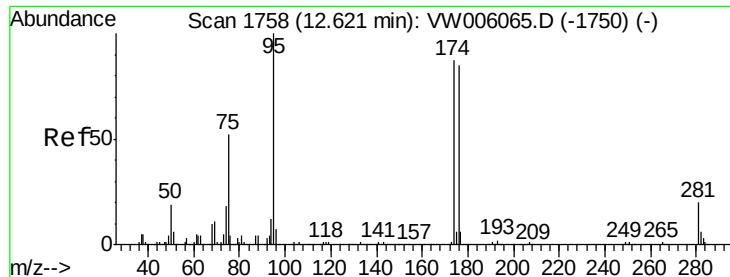
100 64.4 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

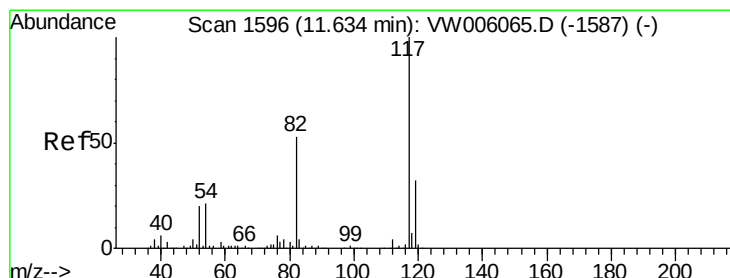
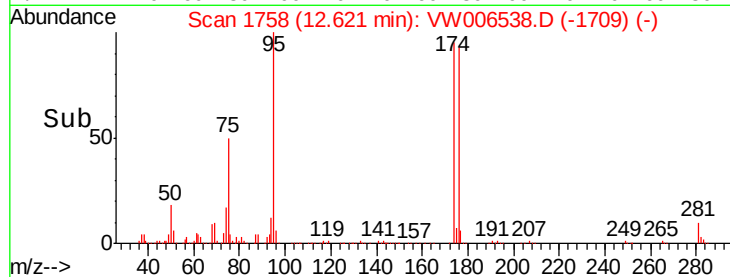
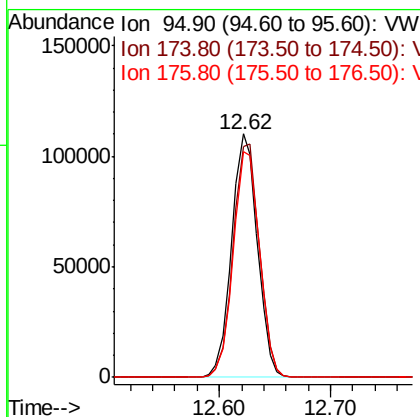
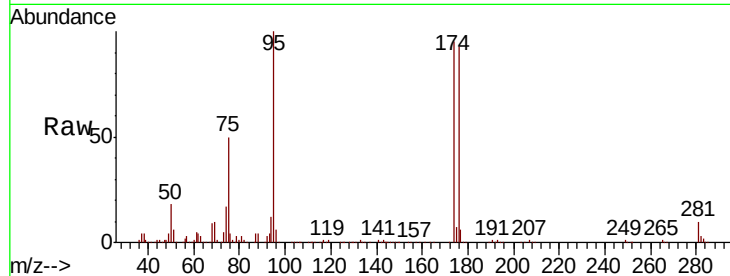




#62
4-Bromofluorobenzene
Concen: 54.817 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW006538.D
Acq: 31 Oct 2018 20:29

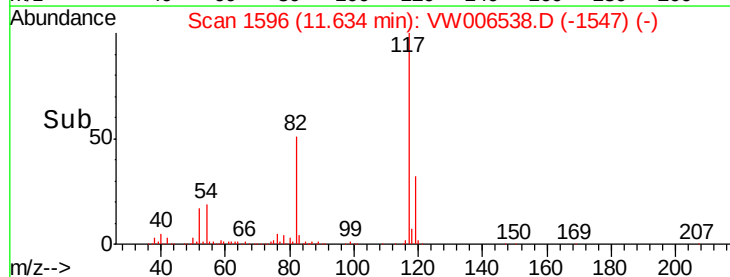
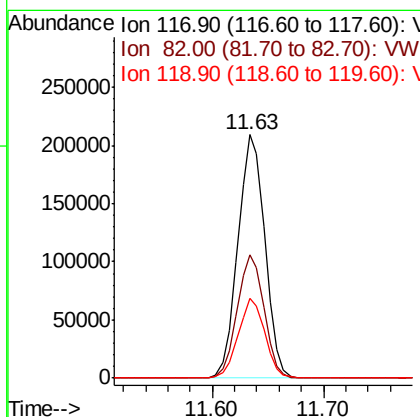
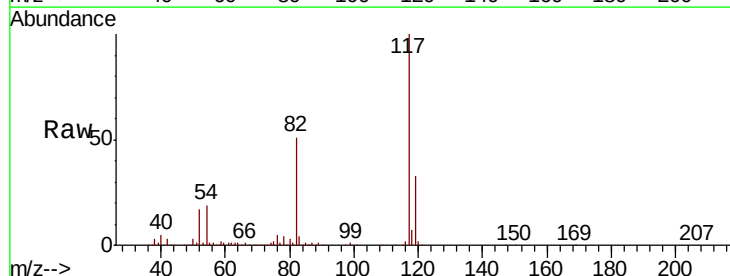
Instrument :
MSVOA_W
ClientSampled :
DL-05B

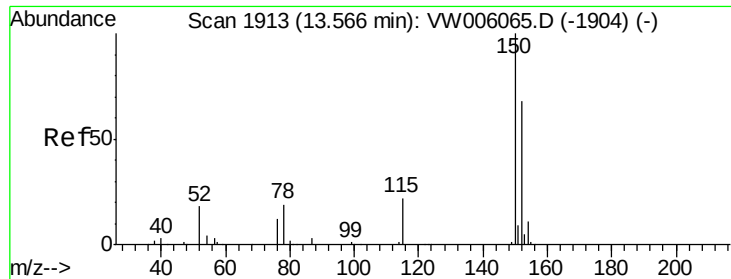
Tot Ion: 95 Resp: 176500
Ion Ratio Lower Upper
95 100
174 97.9 0.0 186.0
176 94.6 0.0 181.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW006538.D
Acq: 31 Oct 2018 20:29

Tgt Ion: 117 Resp: 349908
Ion Ratio Lower Upper
117 100
82 50.9 42.1 63.1
119 32.4 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: VW006538.D

Acq: 31 Oct 2018 20:29

Instrument :

MSVOA_W

ClientSampleId :

DL-05B

Tot Ion:152 Resp: 185580

Ion Ratio Lower Upper

152 100

115 53.7 27.8 83.3

150 156.5 0.0 349.2

