

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW121718\
 Data File : VW007533.D
 Acq On : 14 Dec 2018 14:16
 Operator : SY/AP
 Sample : J6371-03
 Misc : 4.69G/5ML/MSVOA_W/SOIL
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EB07-11-12

Quant Time: Dec 15 00:48:50 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 11 02:58:16 2018
 Response via : Initial Calibration

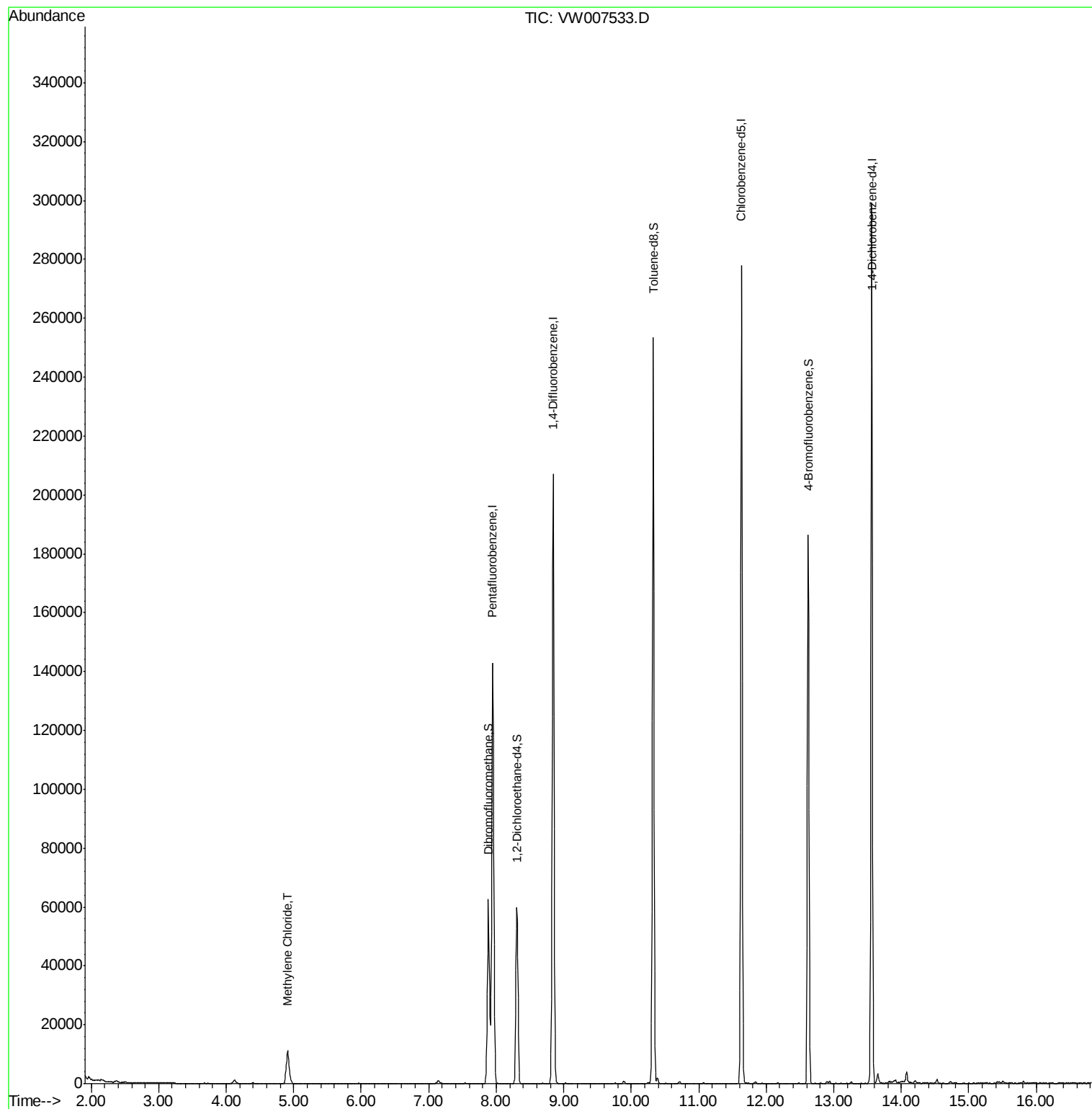
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	104017	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	174311	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	159245	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	77353	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	49880	43.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.44%	
35) Dibromofluoromethane	7.88	113	44355	42.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.08%	
50) Toluene-d8	10.32	98	169708	42.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.80%	
62) 4-Bromofluorobenzene	12.62	95	63817	43.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.74%	
Target Compounds						
20) Methylene Chloride	4.92	84	8802	4.413	ug/l	Qvalue 98

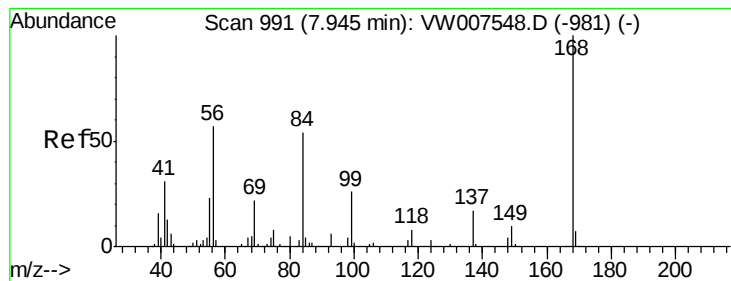
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW007533.D

Acq: 14 Dec 2018 14:16

Instrument :

MSVOA_W

ClientSampleId :

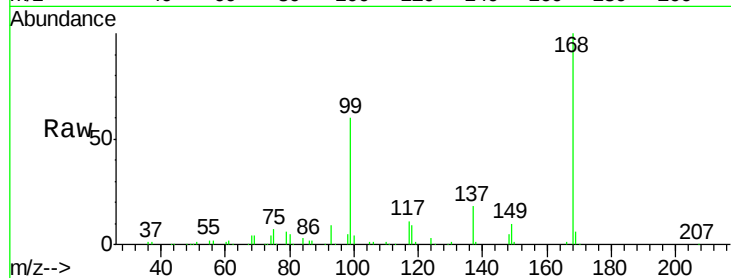
EB07-11-12

Tgt Ion:168 Resp: 104017

Ion Ratio Lower Upper

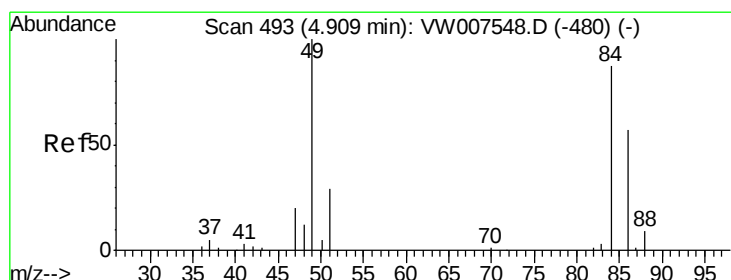
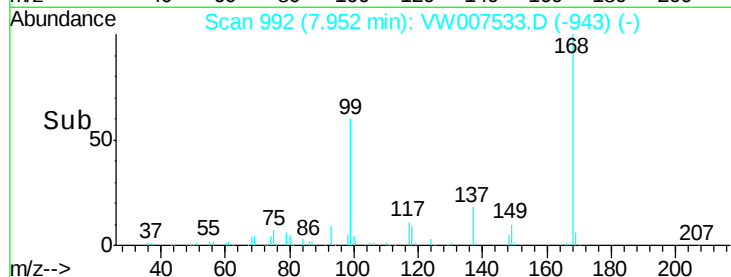
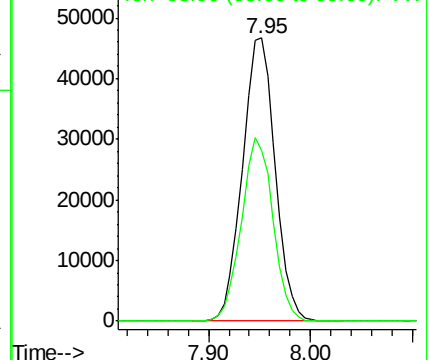
168 100

99 60.5 48.3 72.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#20

Methylene Chloride

Concen: 4.413 ug/l

RT: 4.92 min Scan# 494

Delta R.T. 0.01 min

Lab File: VW007533.D

Acq: 14 Dec 2018 14:16

Tgt Ion: 84 Resp: 8802

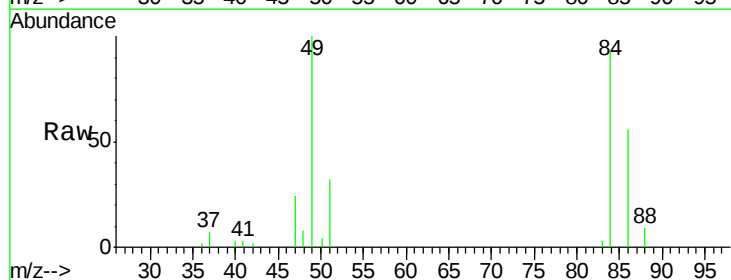
Ion Ratio Lower Upper

84 100

49 107.5 87.1 130.7

51 34.8 28.2 42.2

86 59.9 50.8 76.2

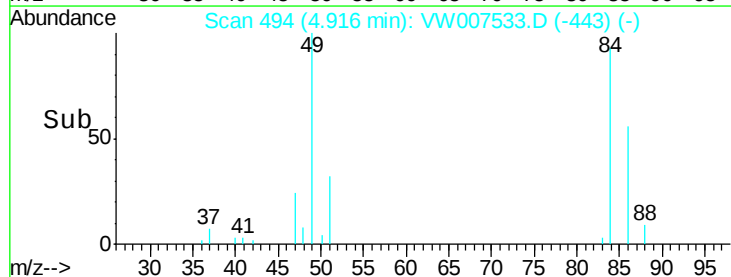
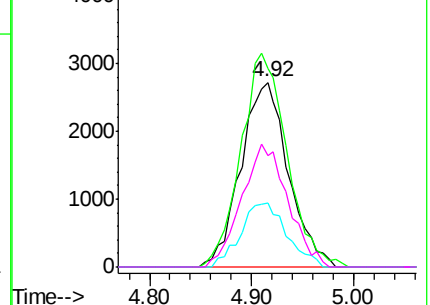


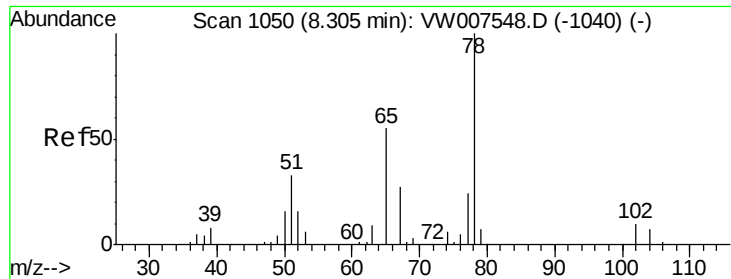
Abundance Ion 83.90 (83.60 to 84.60): VW

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

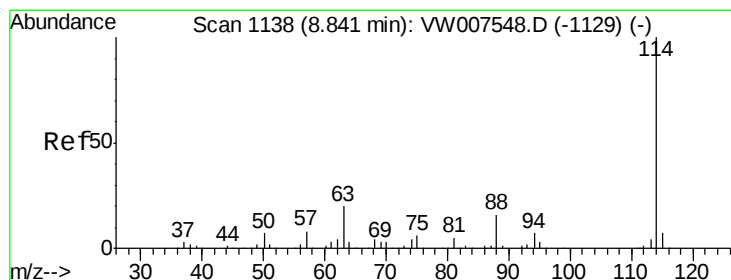
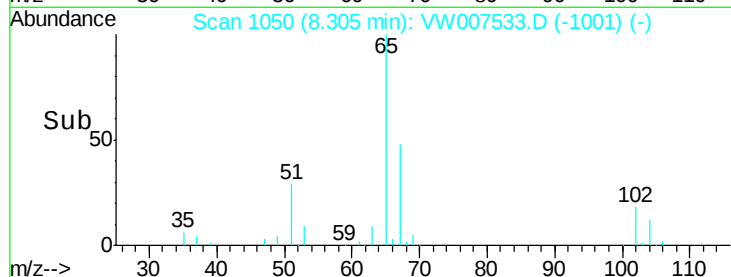
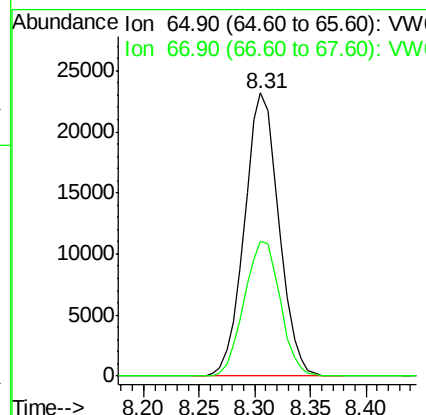
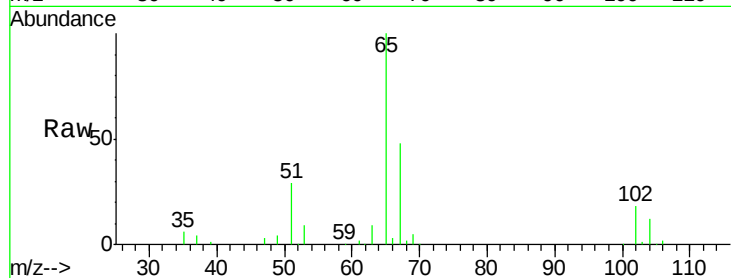




#33
 1,2-Dichloroethane-d4
 Concen: 43.224 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW007533.D
 Acq: 14 Dec 2018 14:16

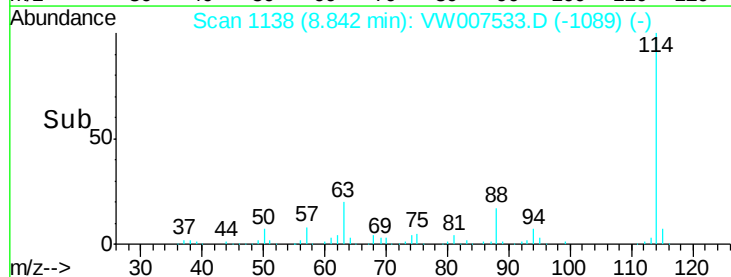
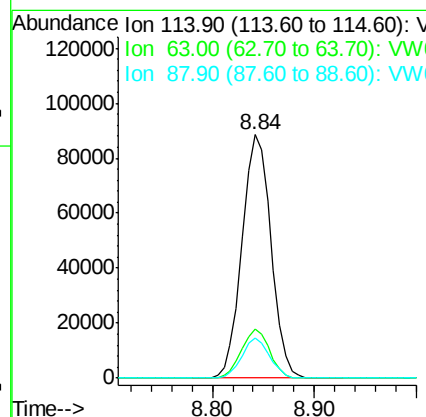
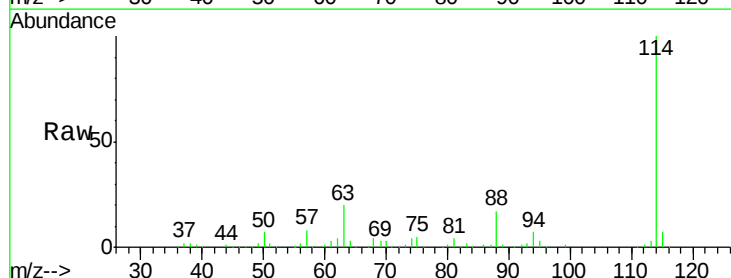
Instrument :
 MSVOA_W
 ClientSampled :
 EB07-11-12

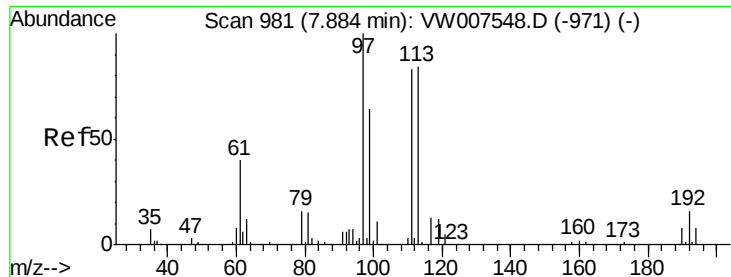
Tgt Ion: 65 Resp: 49880
 Ion Ratio Lower Upper
 65 100
 67 49.6 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW007533.D
 Acq: 14 Dec 2018 14:16

Tgt Ion: 114 Resp: 174311
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 39.6
 88 16.7 0.0 31.4

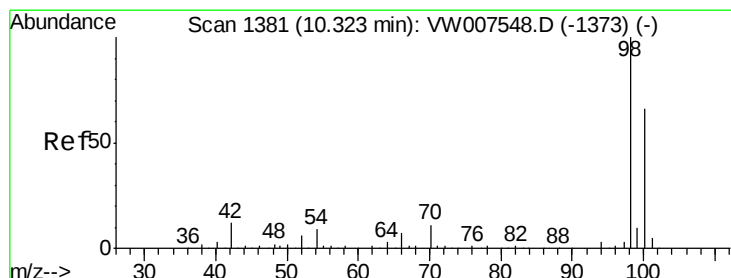
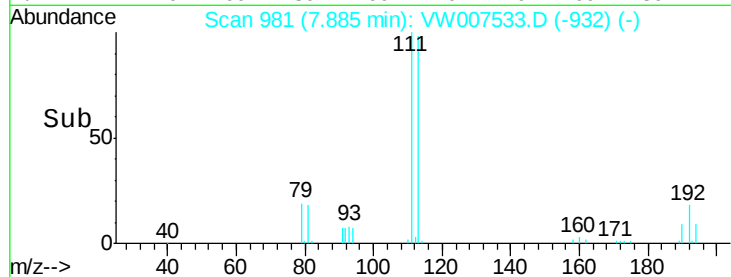
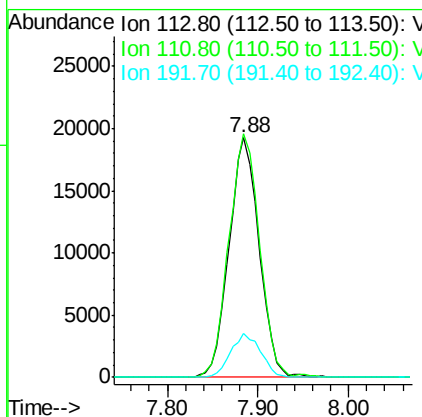
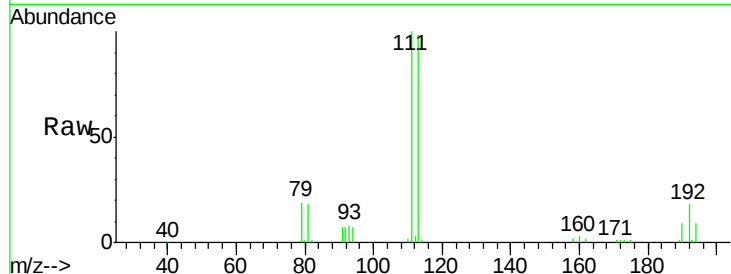




#35
 Dibromofluoromethane
 Concen: 42.036 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW007533.D
 Acq: 14 Dec 2018 14:16

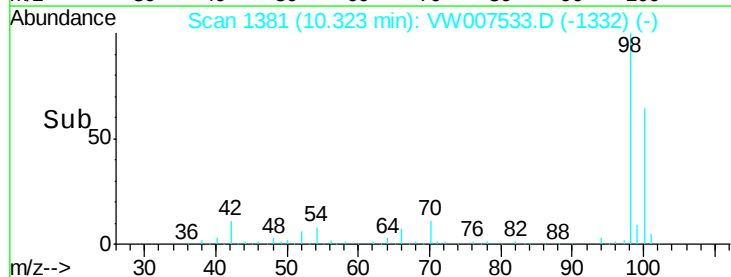
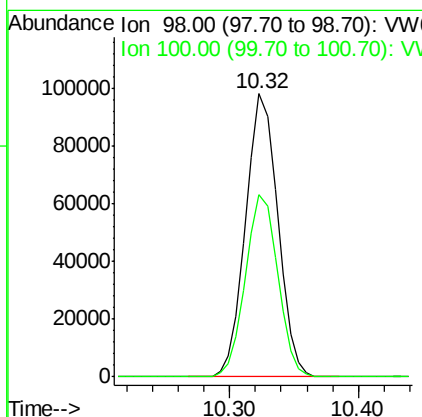
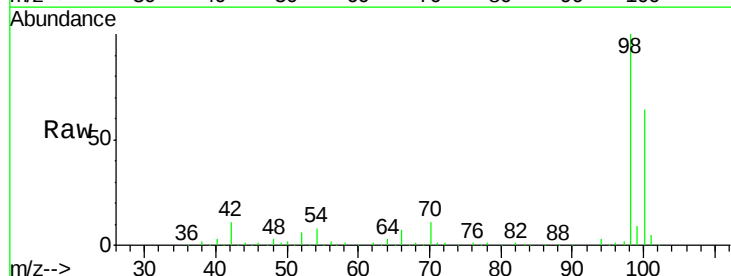
Instrument :
 MSVOA_W
 ClientSampleId :
 EB07-11-12

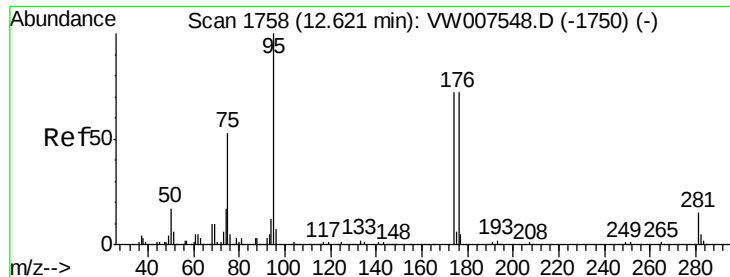
Tgt Ion:113 Resp: 44355
 Ion Ratio Lower Upper
 113 100
 111 103.7 81.1 121.7
 192 18.0 14.6 21.8



#50
 Toluene-d8
 Concen: 42.895 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. 0.00 min
 Lab File: VW007533.D
 Acq: 14 Dec 2018 14:16

Tgt Ion: 98 Resp: 169708
 Ion Ratio Lower Upper
 98 100
 100 64.8 51.8 77.8





#62

4-Bromofluorobenzene

Concen: 43.871 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW007533.D

Acq: 14 Dec 2018 14:16

Instrument :

MSVOA_W

ClientSampleId :

EB07-11-12

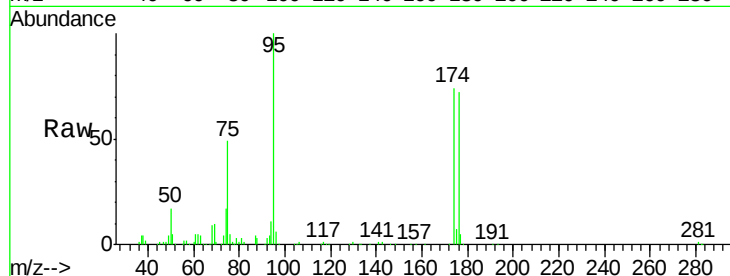
Tgt Ion: 95 Resp: 63817

Ion Ratio Lower Upper

95 100

174 74.8 0.0 147.2

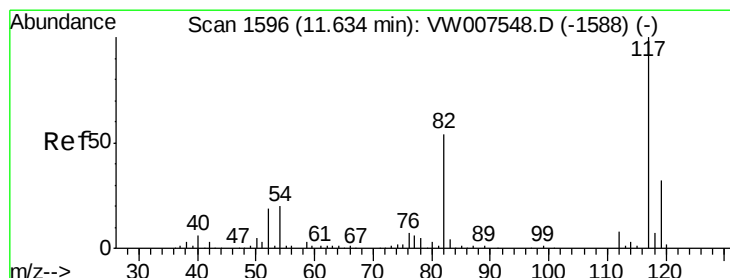
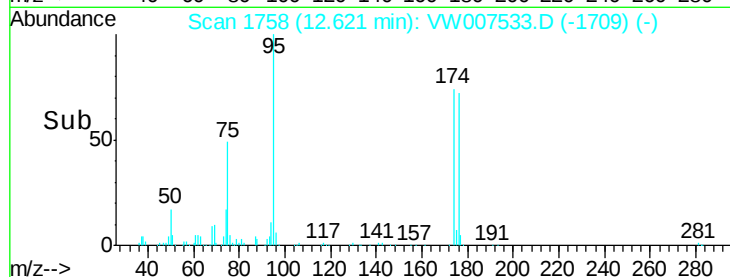
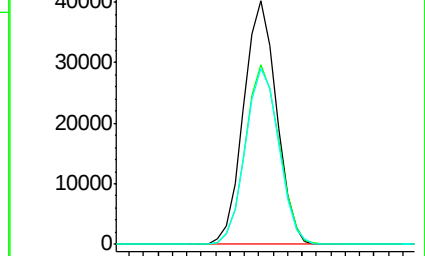
176 73.2 0.0 138.8



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: VW007533.D

Acq: 14 Dec 2018 14:16

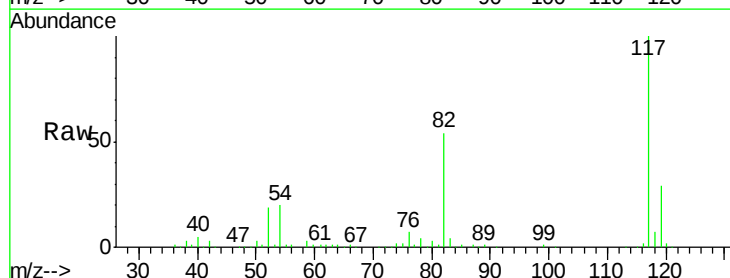
Tgt Ion: 117 Resp: 159245

Ion Ratio Lower Upper

117 100

82 54.3 42.3 63.5

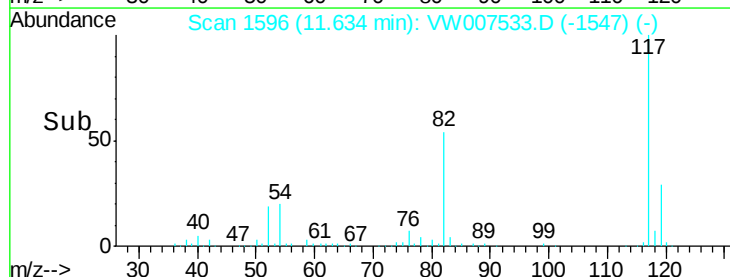
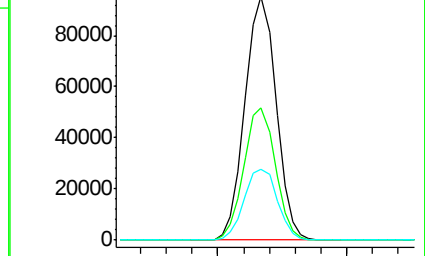
119 29.3 23.0 34.6

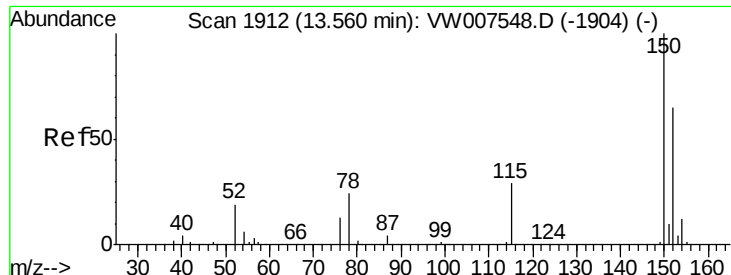


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW

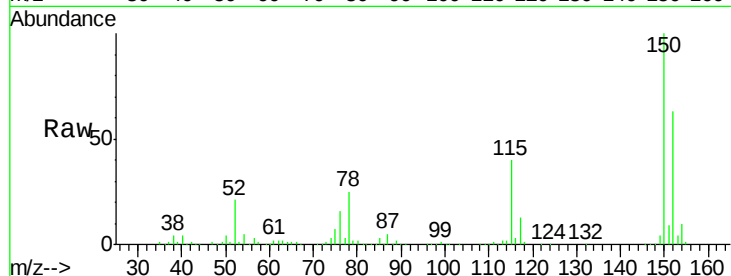




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.56 min Scan# 1912
 Delta R.T. 0.00 min
 Lab File: VW007533.D
 Acq: 14 Dec 2018 14:16

Instrument :
 MSVOA_W
 ClientSampleId :
 EB07-11-12

Tgt Ion:152 Resp: 77353
 Ion Ratio Lower Upper
 152 100
 115 62.3 31.4 94.2
 150 160.0 0.0 358.4



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

