

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW121518\
 Data File : VW007466.D
 Acq On : 13 Dec 2018 03:57
 Operator : SY/AP
 Sample : J6340-09
 Misc : 4.60G/5ML/MSVOA W/SOIL
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-05B

Quant Time: Dec 13 05:46:09 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	62265	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	101412	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	75249	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	25777	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	28679	41.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.04%	
35) Dibromofluoromethane	7.88	113	26833	43.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.42%	
50) Toluene-d8	10.32	98	80654	35.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	70.08%	
62) 4-Bromofluorobenzene	12.62	95	23134	27.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	54.68%	

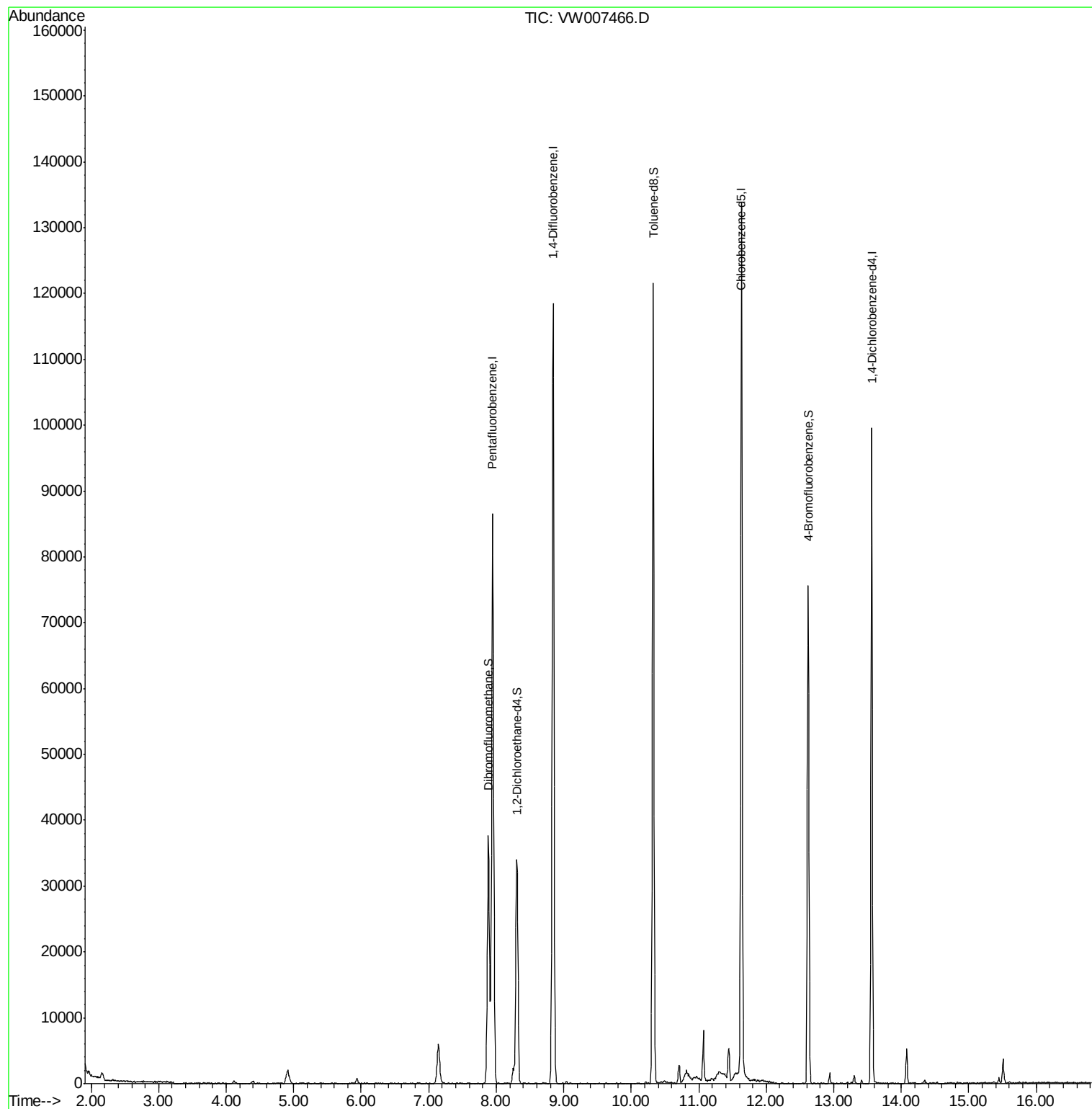
Target Compounds	Qvalue

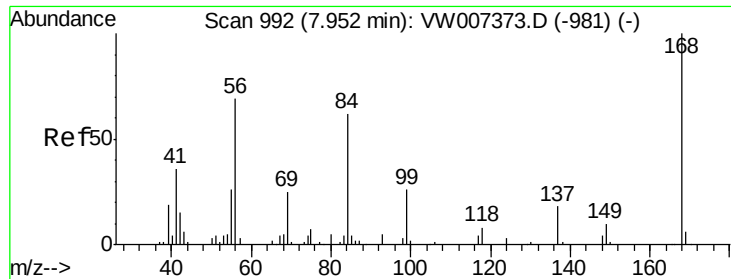
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW007466.D

Acq: 13 Dec 2018 03:57

Instrument :

MSVOA_W

ClientSampled :

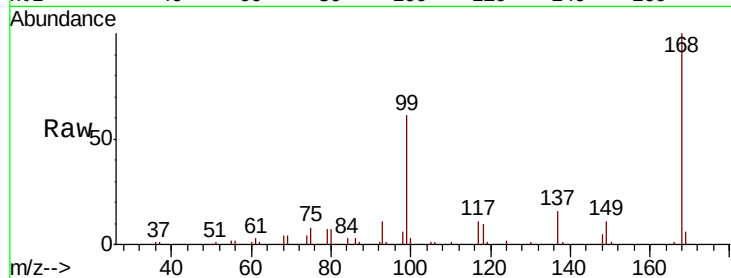
SB-05B

Tot Ion:168 Resp: 62265

Ion Ratio Lower Upper

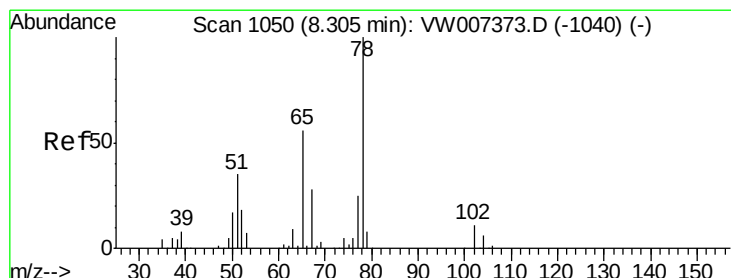
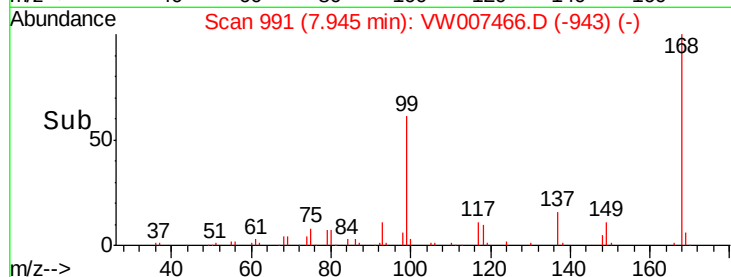
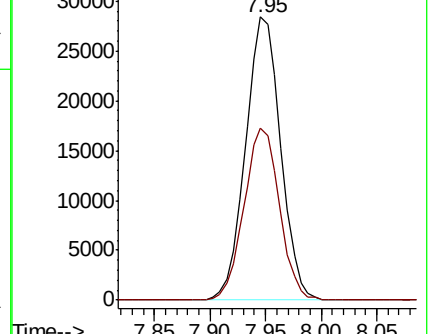
168 100

99 60.8 48.3 72.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#33

1,2-Dichloroethane-d4

Concen: 41.517 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW007466.D

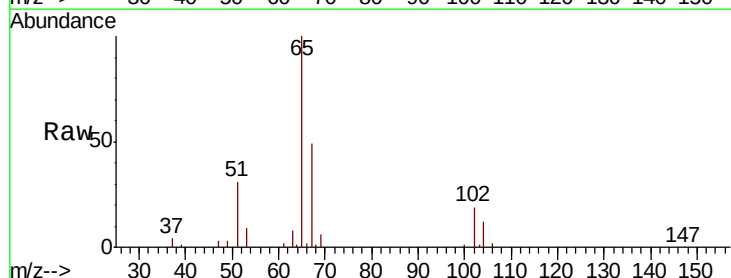
Acq: 13 Dec 2018 03:57

Tgt Ion: 65 Resp: 28679

Ion Ratio Lower Upper

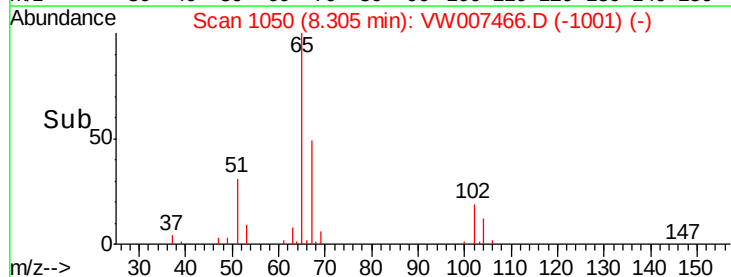
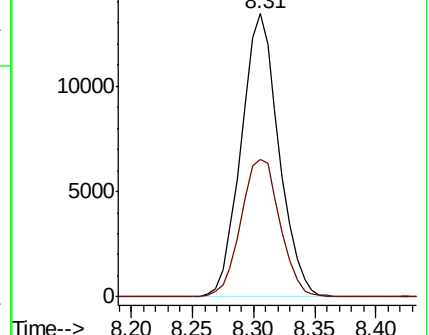
65 100

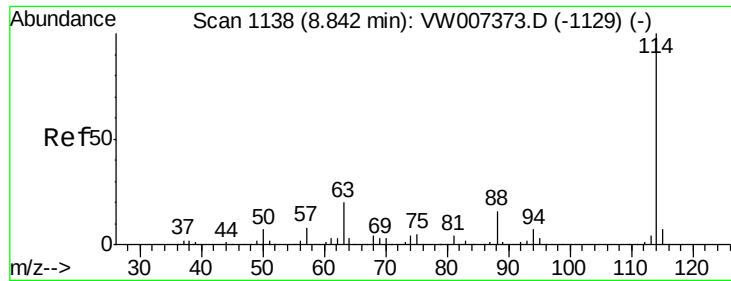
67 50.4 0.0 101.6



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

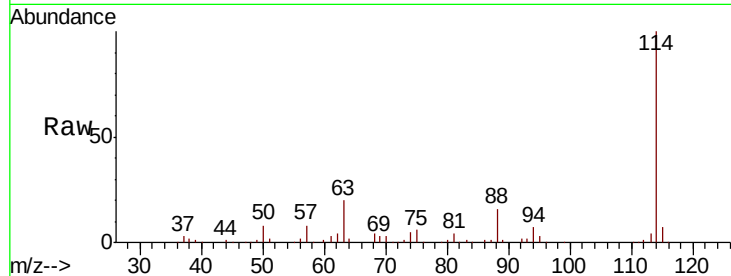




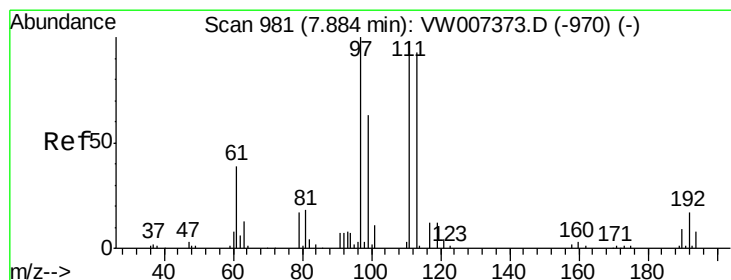
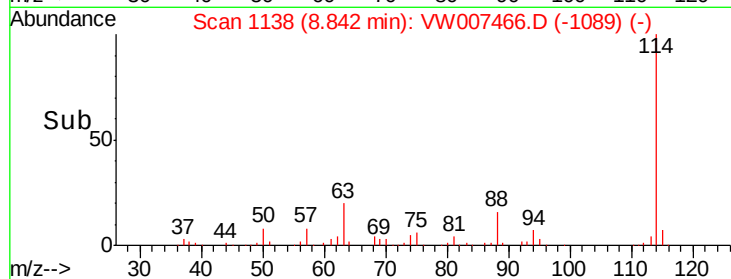
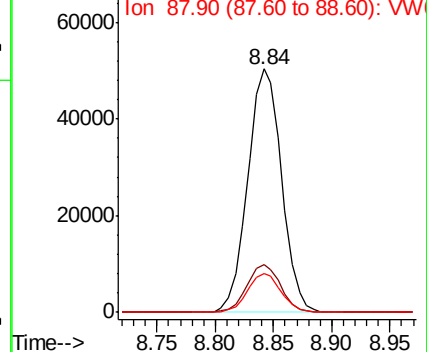
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. 0.00 min
Lab File: VW007466.D
Acq: 13 Dec 2018 03:57

Instrument :
MSVOA_W
ClientSampleId :
SB-05B

Tot Ion:114 Resp: 101412
Ion Ratio Lower Upper
114 100
63 19.9 0.0 39.6
88 16.1 0.0 31.4

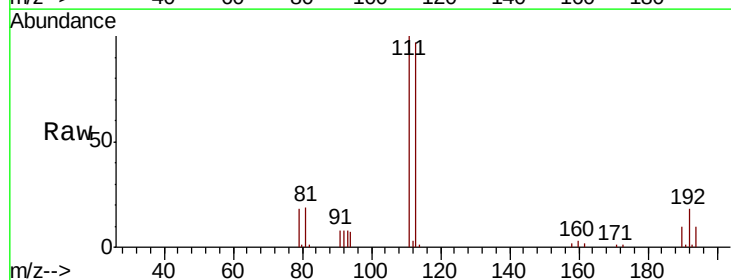


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VW
Ion 87.90 (87.60 to 88.60): VW

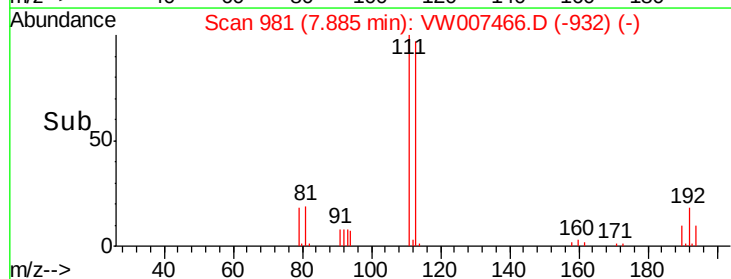
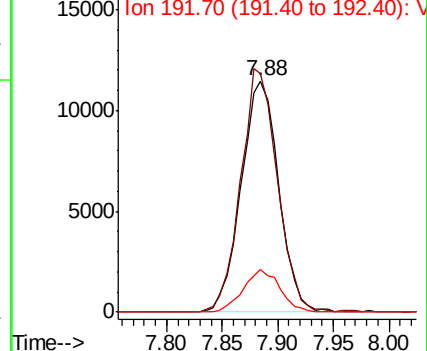


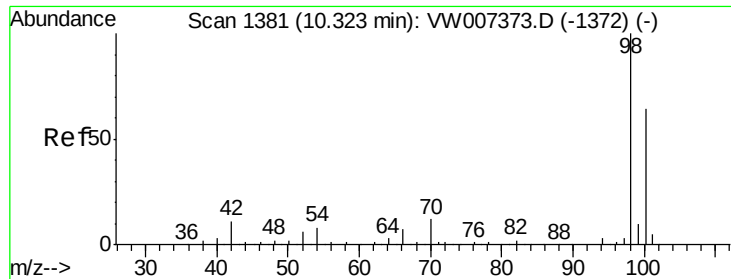
#35
Dibromofluoromethane
Concen: 43.710 ug/l
RT: 7.88 min Scan# 981
Delta R.T. 0.00 min
Lab File: VW007466.D
Acq: 13 Dec 2018 03:57

Tgt Ion:113 Resp: 26833
Ion Ratio Lower Upper
113 100
111 102.6 81.1 121.7
192 17.9 14.6 21.8



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: 35.040 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW007466.D

Acq: 13 Dec 2018 03:57

Instrument :

MSVOA_W

ClientSampled :

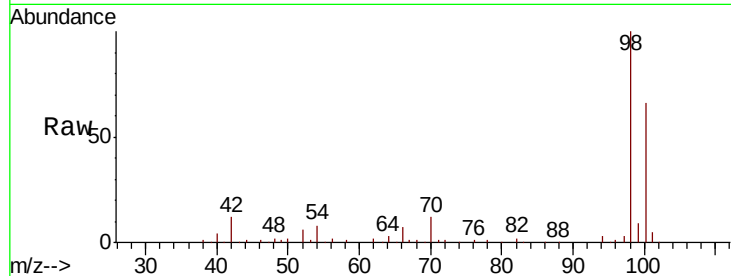
SB-05B

Tot Ion: 98 Resp: 80654

Ion Ratio Lower Upper

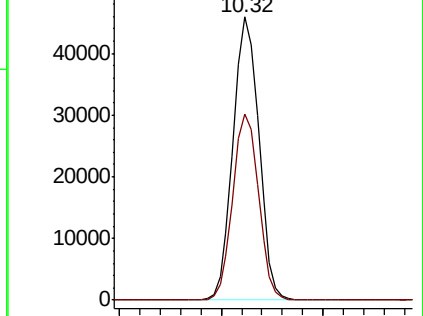
98 100

100 65.5 51.8 77.8

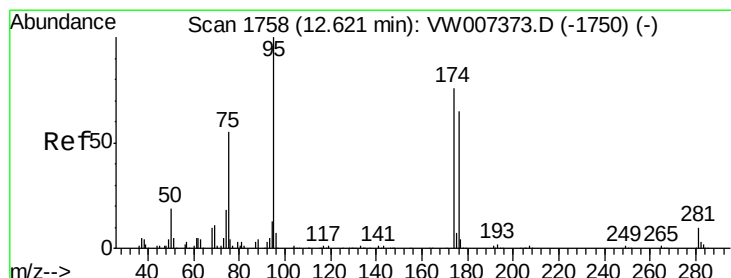
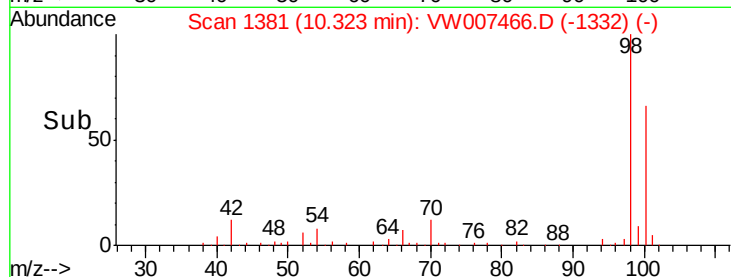


Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



Time--> 10.20 10.30 10.40



#62

4-Bromofluorobenzene

Concen: 27.336 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW007466.D

Acq: 13 Dec 2018 03:57

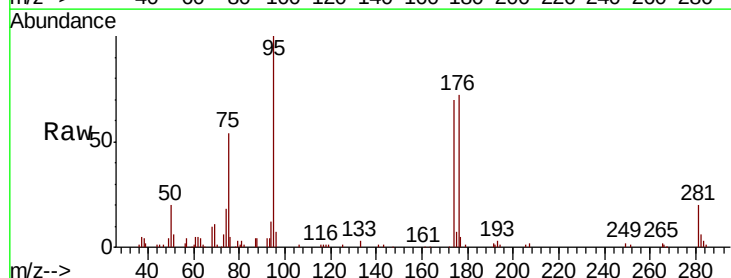
Tgt Ion: 95 Resp: 23134

Ion Ratio Lower Upper

95 100

174 75.0 0.0 147.2

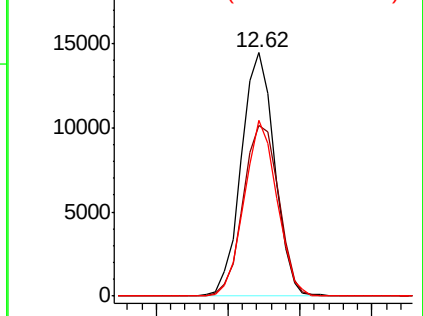
176 70.9 0.0 138.8



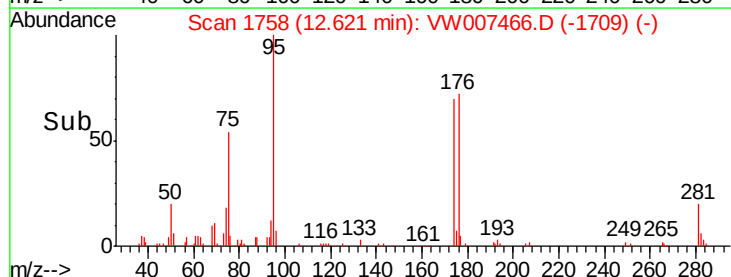
Abundance Ion 94.90 (94.60 to 95.60): VW

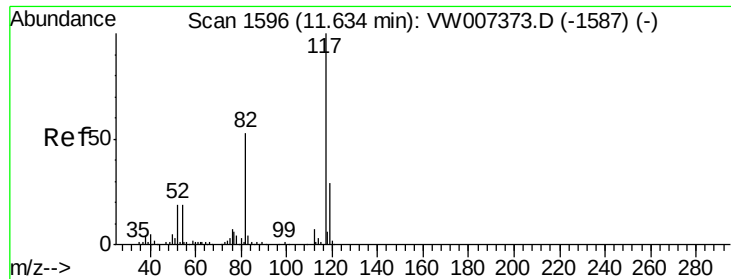
Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW



Time--> 12.55 12.60 12.65 12.70

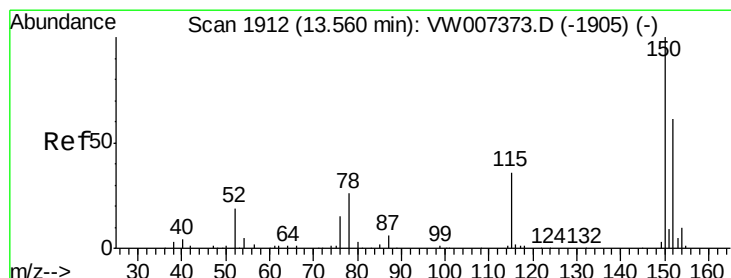
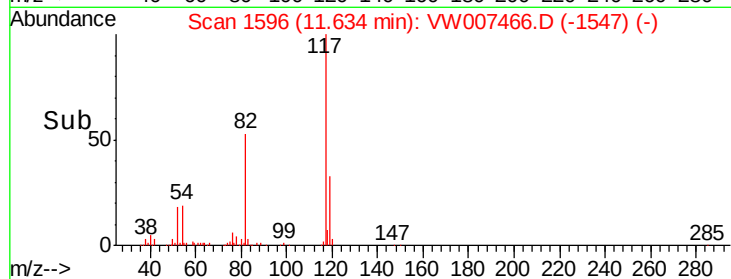
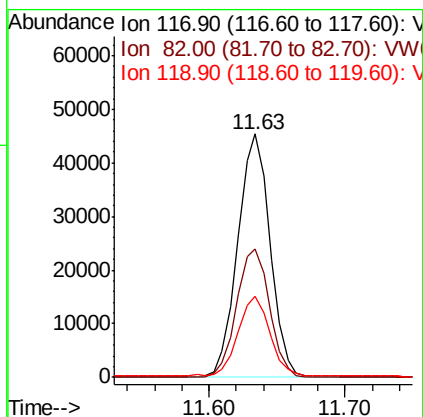
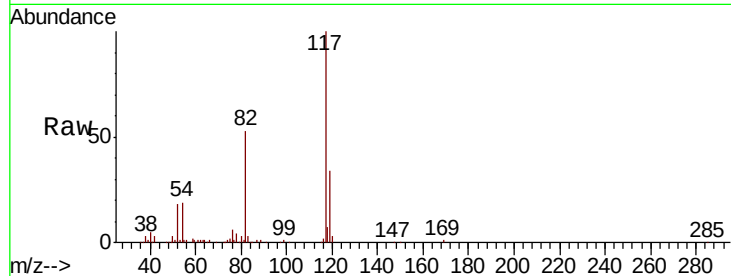




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW007466.D
Acq: 13 Dec 2018 03:57

Instrument :
MSVOA_W
ClientSampled :
SB-05B

Tot Ion:117 Resp: 75249
Ion Ratio Lower Upper
117 100
82 52.9 42.3 63.5
119 32.9 23.0 34.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW007466.D
Acq: 13 Dec 2018 03:57

Tgt Ion:152 Resp: 25777
Ion Ratio Lower Upper
152 100
115 61.2 31.4 94.2
150 158.3 0.0 358.4

