

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW121518\
 Data File : VW007454.D
 Acq On : 12 Dec 2018 22:47
 Operator : SY/AP
 Sample : J6275-02RE
 Misc : 5.05G/5ML/MSVOA W/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF-02-120418RE

Quant Time: Dec 13 05:58:17 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	59566	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	108795	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	105871	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	51628	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	35972	54.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.86%	
35) Dibromofluoromethane	7.88	113	31714	48.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.32%	
50) Toluene-d8	10.32	98	102619	41.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.12%	
62) 4-Bromofluorobenzene	12.62	95	43432	47.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.68%	

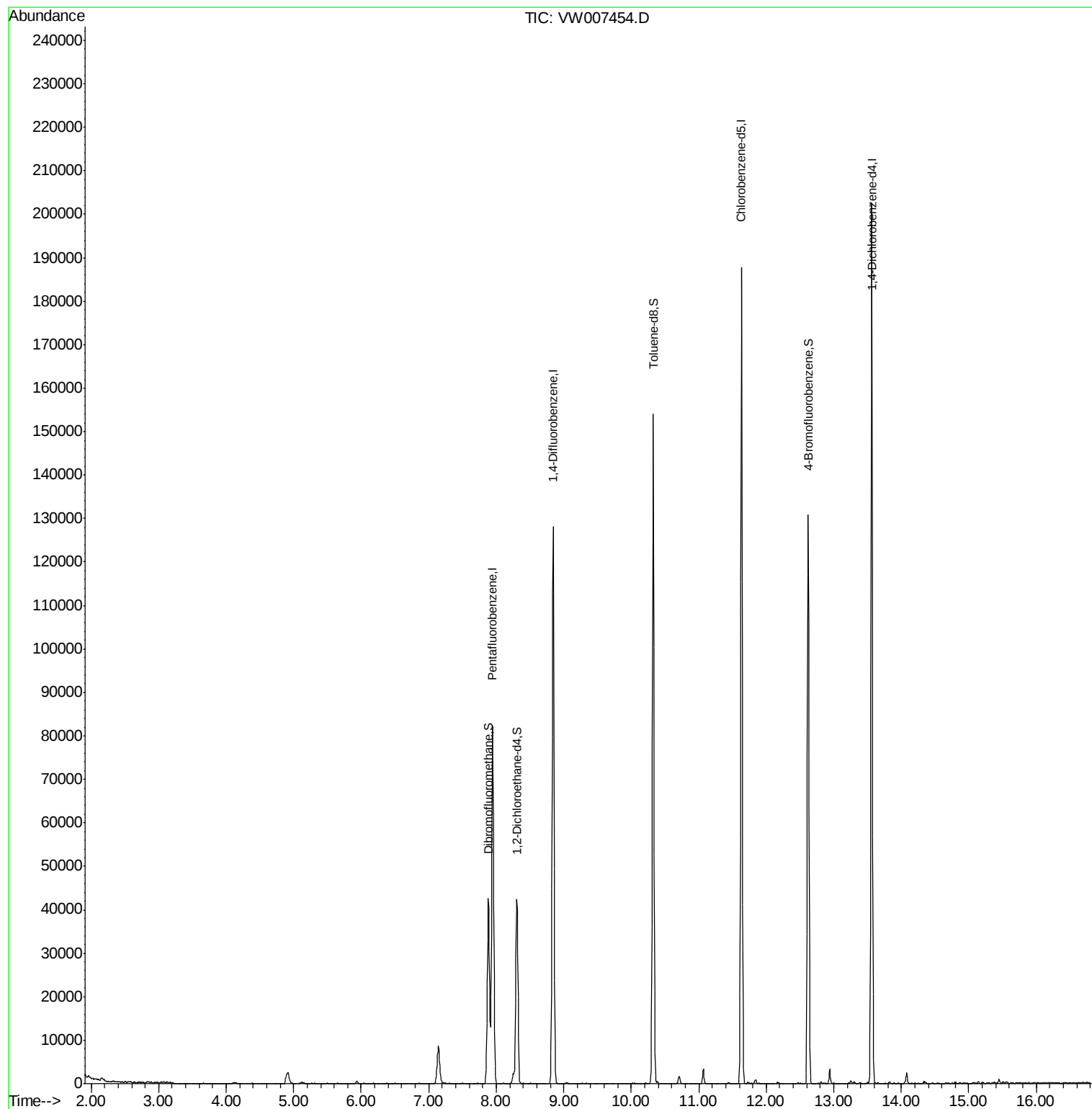
Target Compounds	Qvalue

(#) = 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# 991

Delta R.T. -0.01 min

Lab File: VW007454.D

Acq: 12 Dec 2018 22:47

Instrument :

MSVOA_W

ClientSampleId :

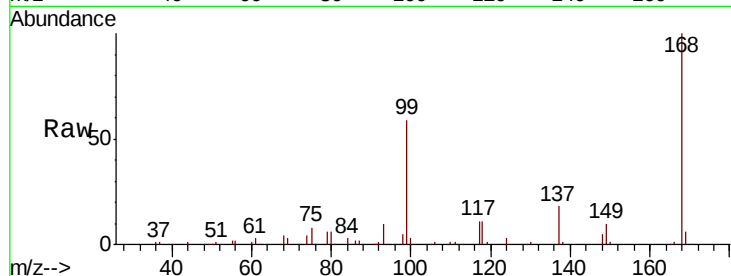
BF-02-120418RE

Tot Ion:168 Resp: 59566

Ion Ratio Lower Upper

168 100

99 59.5 48.3 72.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

30000

25000

20000

15000

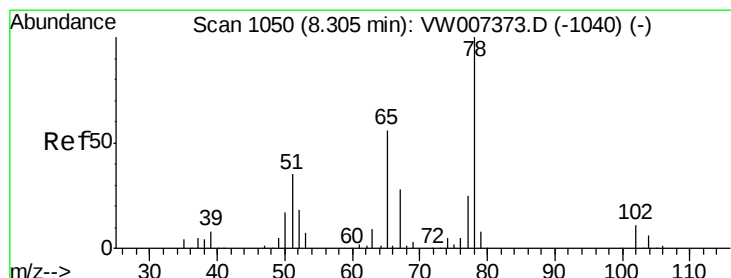
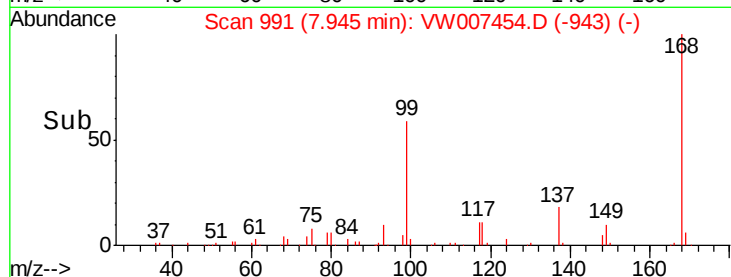
10000

5000

0

7.85 7.90 7.95 8.00 8.05

Time-->



#33

1,2-Dichloroethane-d4

Concen: 54.434 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW007454.D

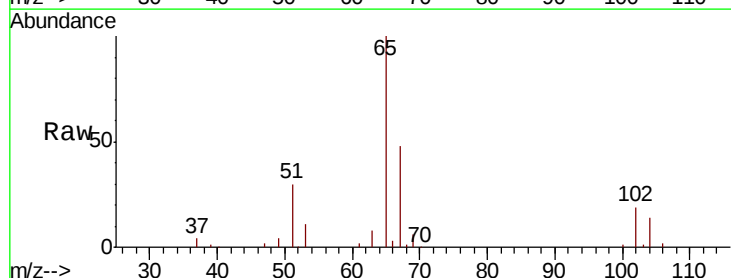
Acq: 12 Dec 2018 22:47

Tgt Ion: 65 Resp: 35972

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

8.31

15000

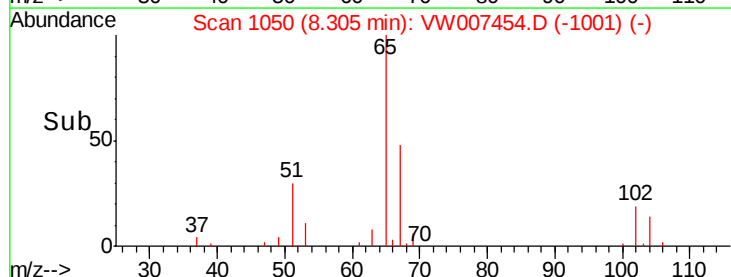
10000

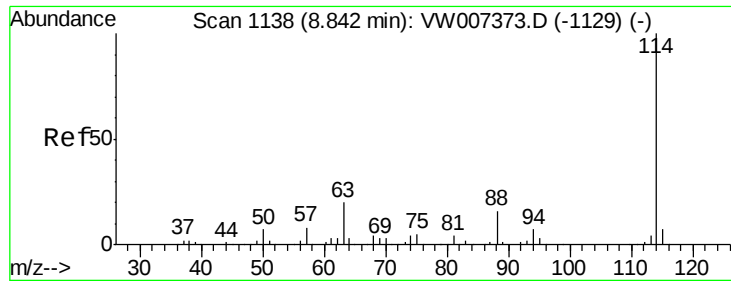
5000

0

8.20 8.25 8.30 8.35 8.40

Time-->

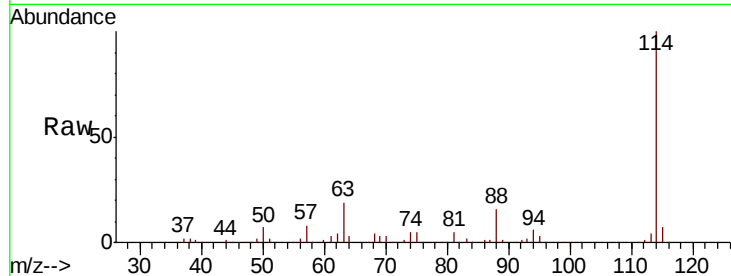




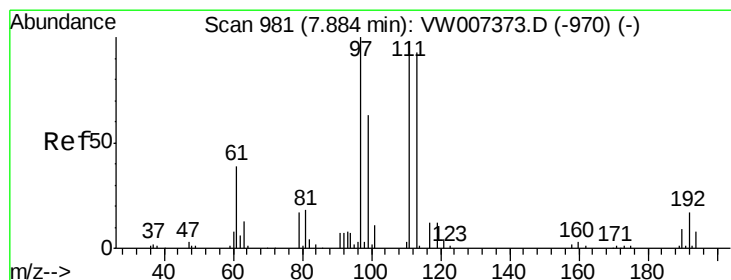
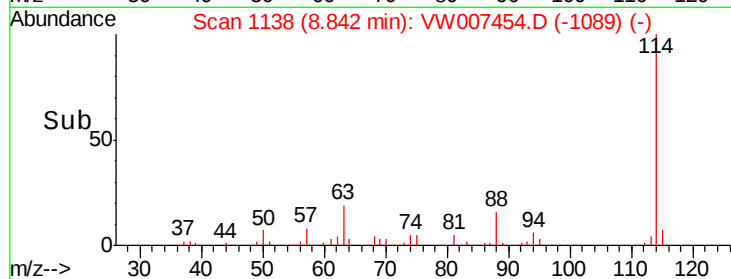
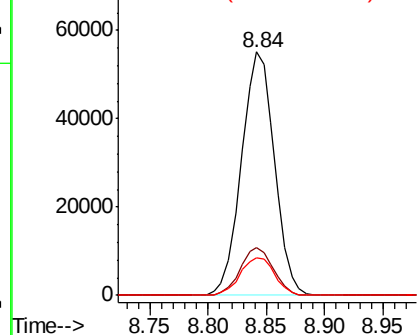
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW007454.D
 Acq: 12 Dec 2018 22:47

Instrument :
 MSVOA_W
 ClientSampleId :
 BF-02-120418RE

Tot Ion:114	Resp:	108795
Ion Ratio	Lower	Upper
114	100	
63	19.5	0.0 39.6
88	15.6	0.0 31.4

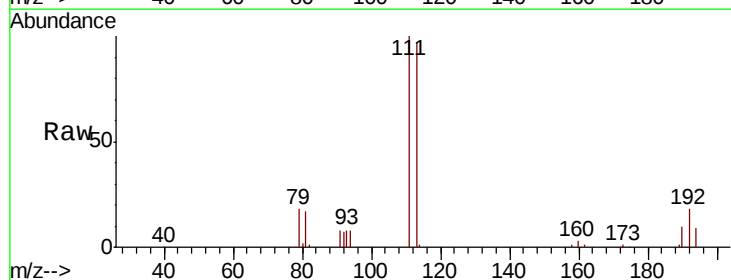


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

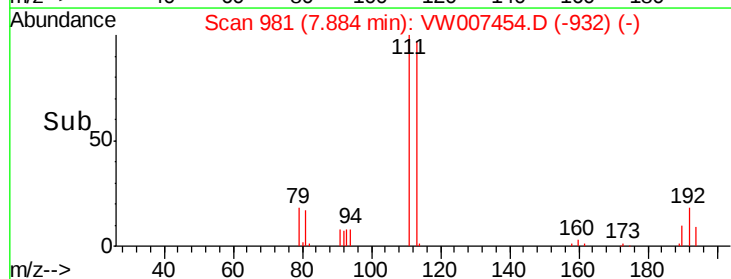
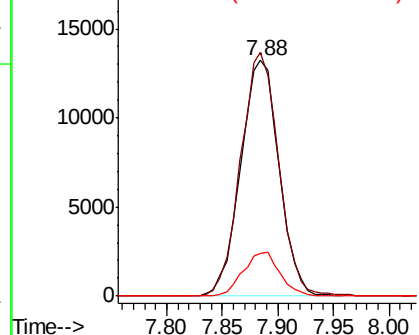


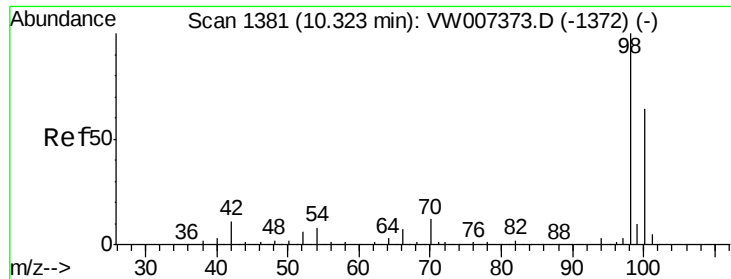
#35
 Dibromofluoromethane
 Concen: 48.155 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW007454.D
 Acq: 12 Dec 2018 22:47

Tgt Ion:113	Resp:	31714
Ion Ratio	Lower	Upper
113	100	
111	102.0	81.1 121.7
192	17.8	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: 41.558 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW007454.D

Acq: 12 Dec 2018 22:47

Instrument :

MSVOA_W

ClientSampleId :

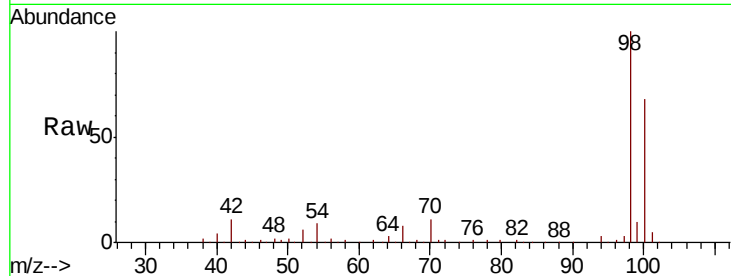
BF-02-120418RE

Tot Ion: 98 Resp: 102619

Ion Ratio Lower Upper

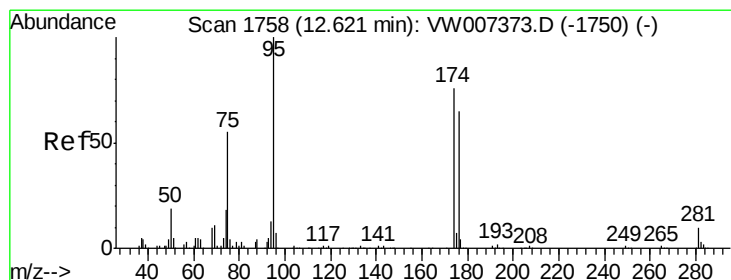
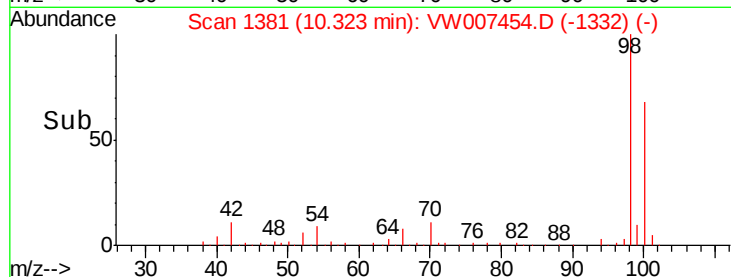
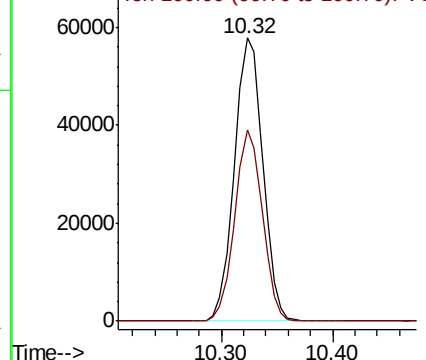
98 100

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



#62

4-Bromofluorobenzene

Concen: 47.838 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW007454.D

Acq: 12 Dec 2018 22:47

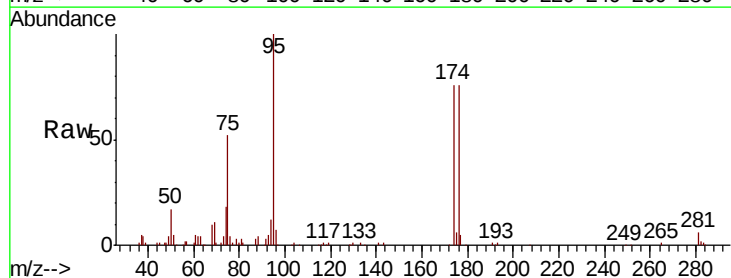
Tgt Ion: 95 Resp: 43432

Ion Ratio Lower Upper

95 100

174 76.3 0.0 147.2

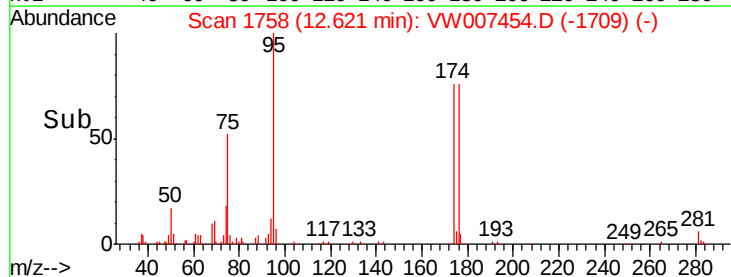
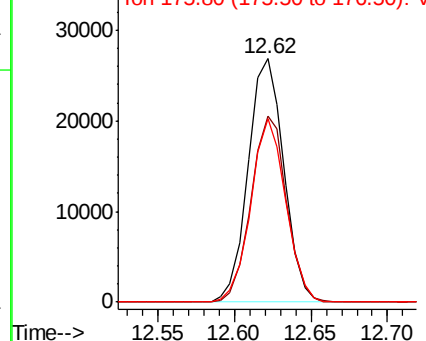
176 73.6 0.0 138.8

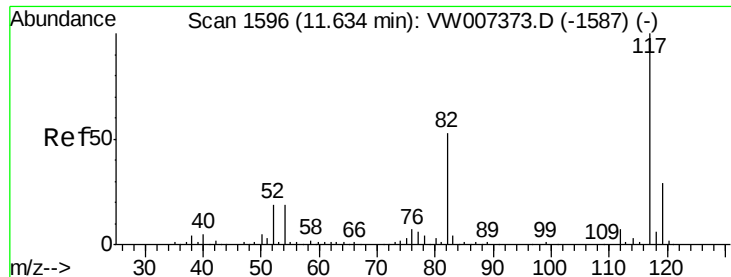


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. -0.00 min

Lab File: VW007454.D

Acq: 12 Dec 2018 22:47

Instrument :

MSVOA_W

ClientSampleId :

BF-02-120418RE

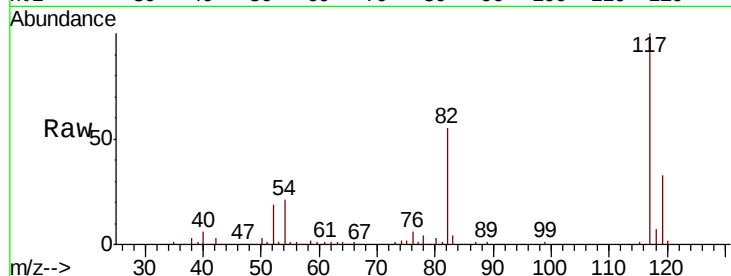
Tot Ion:117 Resp: 105871

Ion Ratio Lower Upper

117 100

82 54.6 42.3 63.5

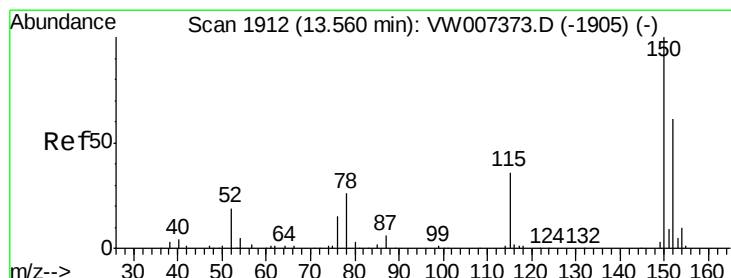
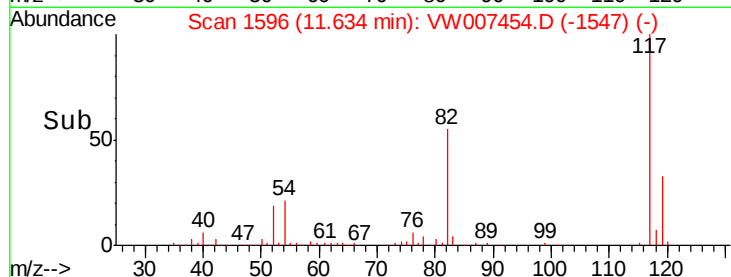
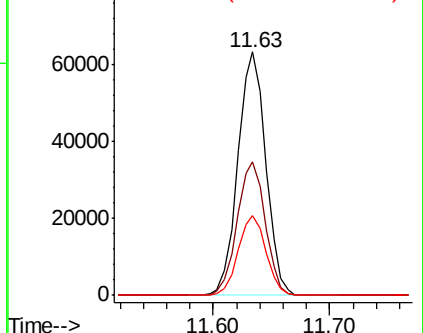
119 32.8 23.0 34.6



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW007454.D

Acq: 12 Dec 2018 22:47

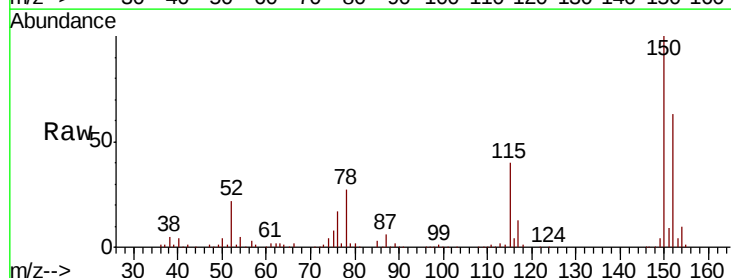
Tgt Ion:152 Resp: 51628

Ion Ratio Lower Upper

152 100

115 63.0 31.4 94.2

150 161.5 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

