

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW121518\
 Data File : VW007455.D
 Acq On : 12 Dec 2018 23:13
 Operator : SY/AP
 Sample : J6275-03RE
 Misc : 5.10G/5ML/MSVOA W/SOIL
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF-03-120418RE

Quant Time: Dec 13 05:59:00 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	68987	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	123057	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	119574	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	59262	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	36045	47.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.20%	
35) Dibromofluoromethane	7.88	113	32884	44.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.28%	
50) Toluene-d8	10.32	98	108741	38.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	77.86%	
62) 4-Bromofluorobenzene	12.62	95	45070	43.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.78%	

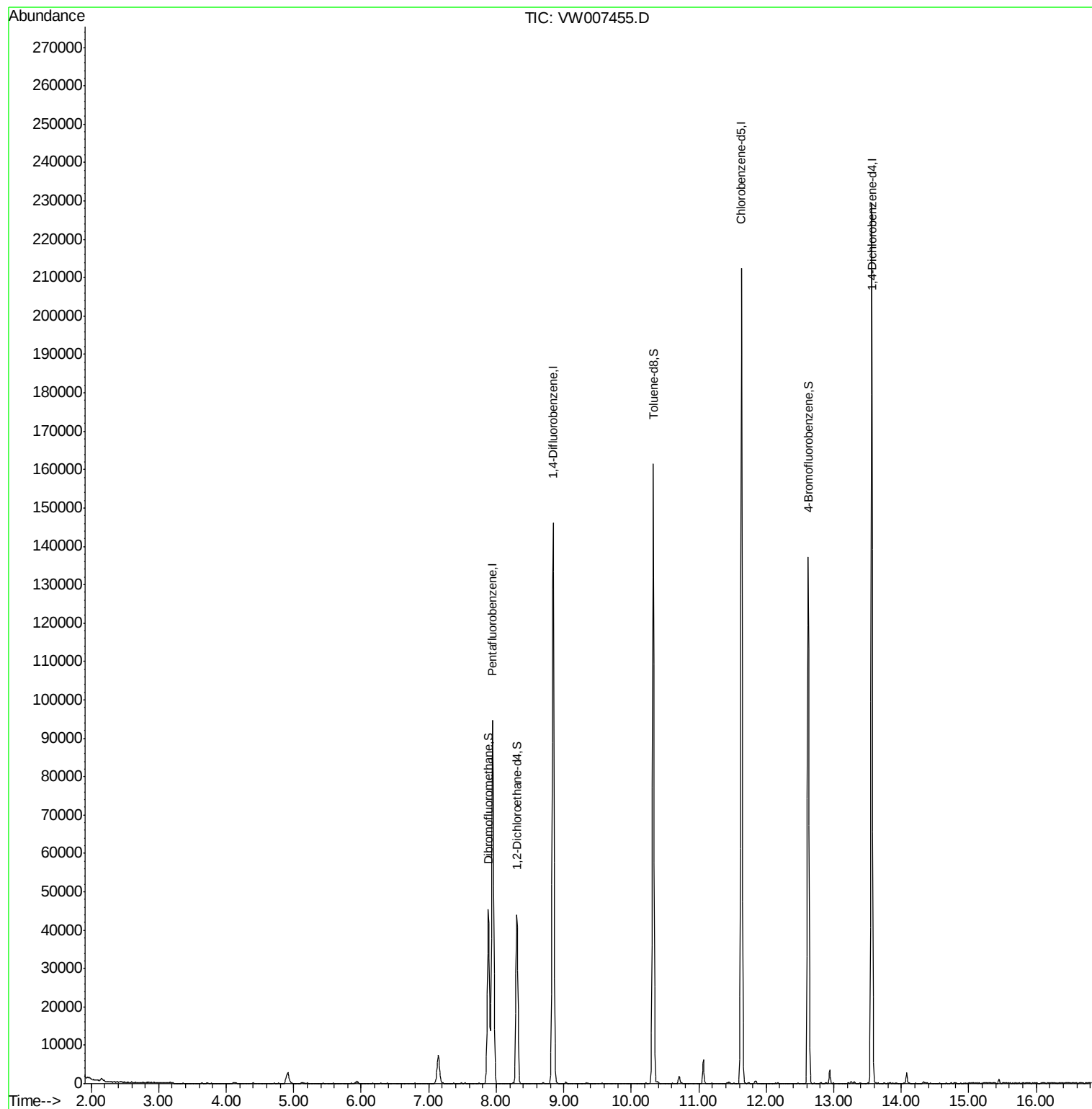
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW007455.D

Acq: 12 Dec 2018 23:13

Instrument :

MSVOA_W

ClientSampleId :

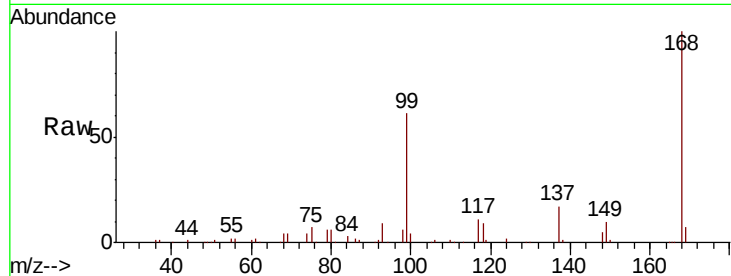
BF-03-120418RE

Tot Ion:168 Resp: 68987

Ion Ratio Lower Upper

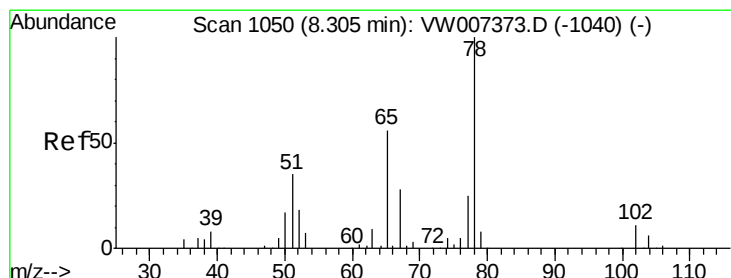
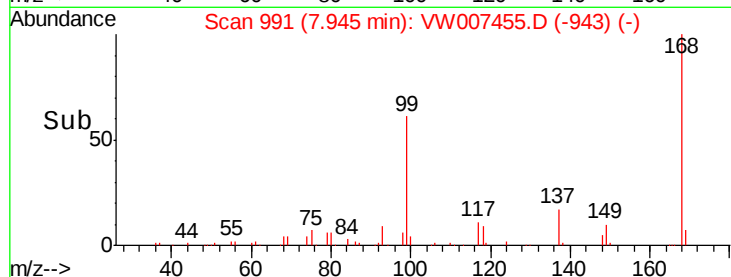
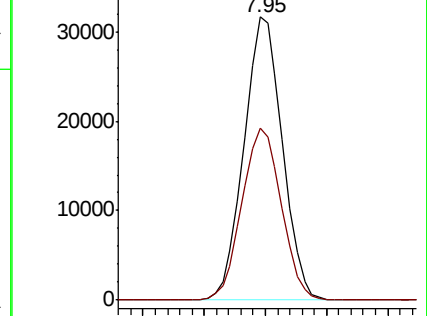
168 100

99 60.7 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: 47.096 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW007455.D

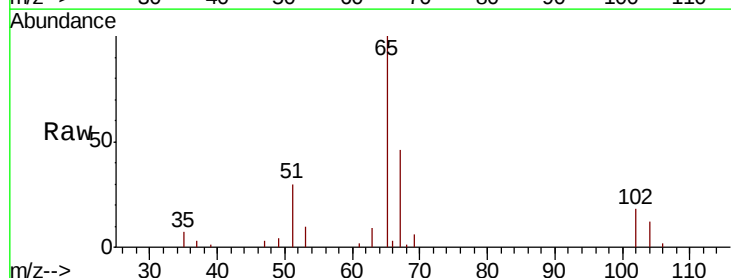
Acq: 12 Dec 2018 23:13

Tgt Ion: 65 Resp: 36045

Ion Ratio Lower Upper

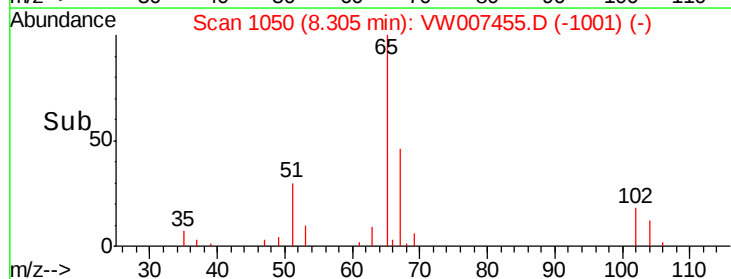
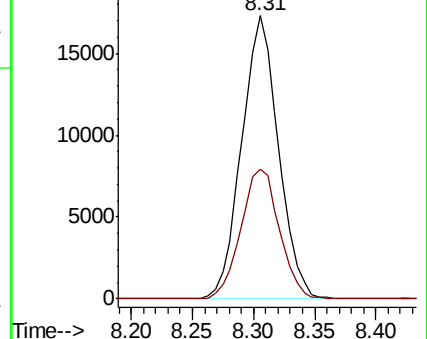
65 100

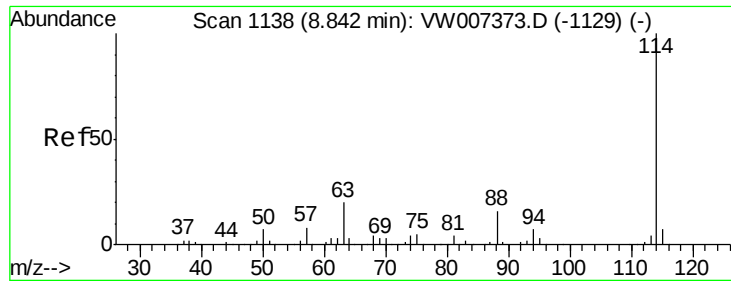
67 47.9 0.0 101.6



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

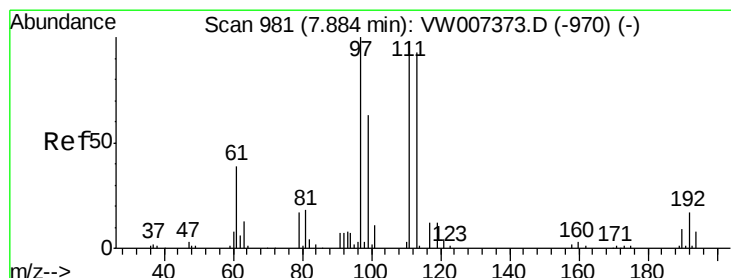
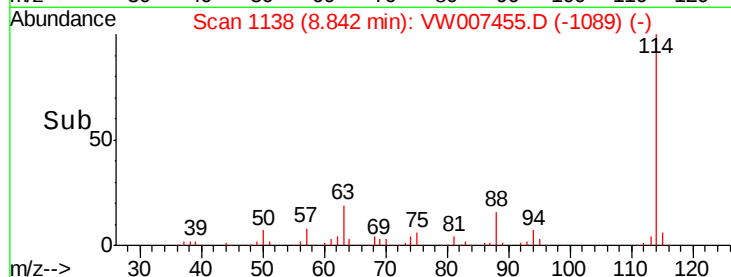
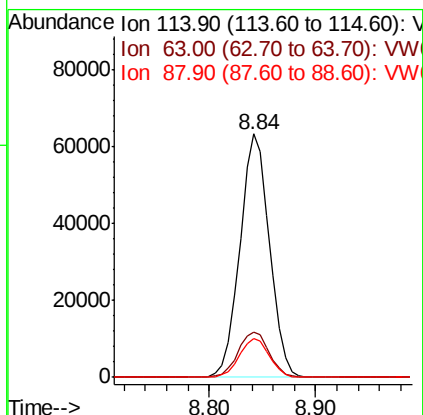
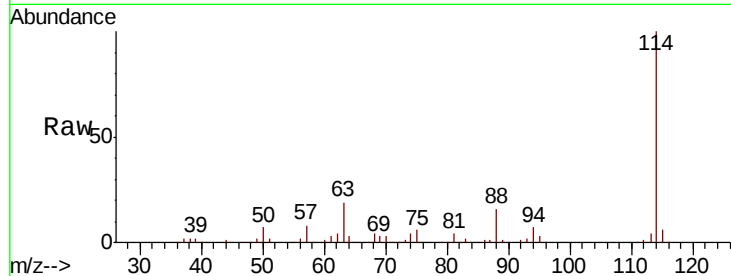




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW007455.D
 Acq: 12 Dec 2018 23:13

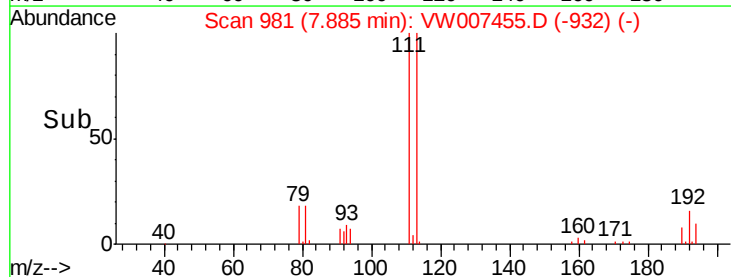
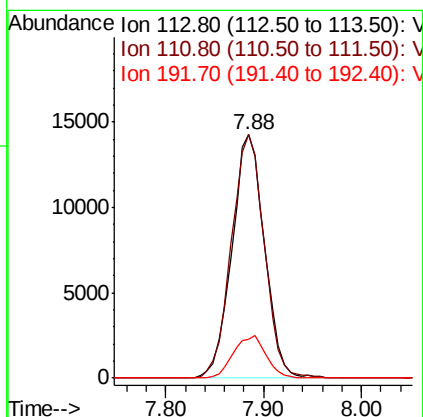
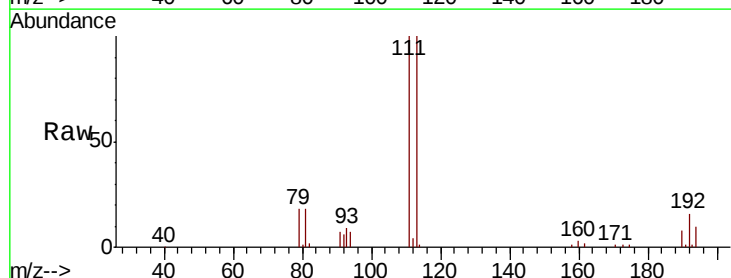
Instrument :
 MSVOA_W
 ClientSampleId :
 BF-03-120418RE

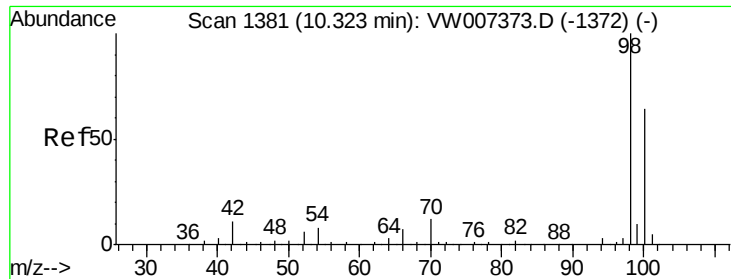
Tot Ion	Ratio	Lower	Upper
114	100		
63	18.6	0.0	39.6
88	16.1	0.0	31.4



#35
 Dibromofluoromethane
 Concen: 44.145 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW007455.D
 Acq: 12 Dec 2018 23:13

Tgt Ion	Ratio	Lower	Upper
113	100		
111	100.9	81.1	121.7
192	17.5	14.6	21.8





#50

Toluene-d8

Concen: 38.933 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW007455.D

Acq: 12 Dec 2018 23:13

Instrument :

MSVOA_W

ClientSampleId :

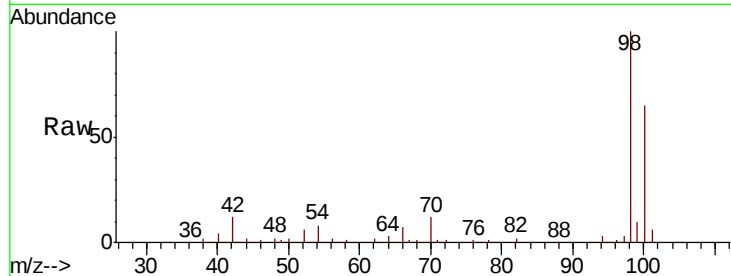
BF-03-120418RE

Tot Ion: 98 Resp: 108741

Ion Ratio Lower Upper

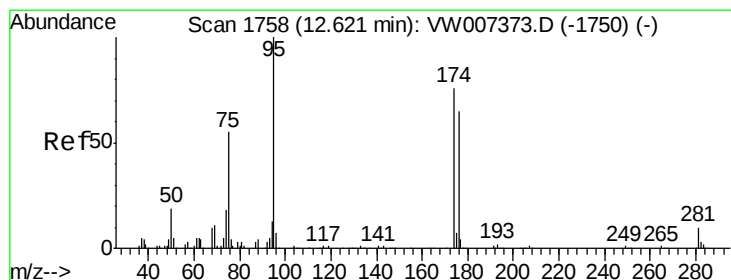
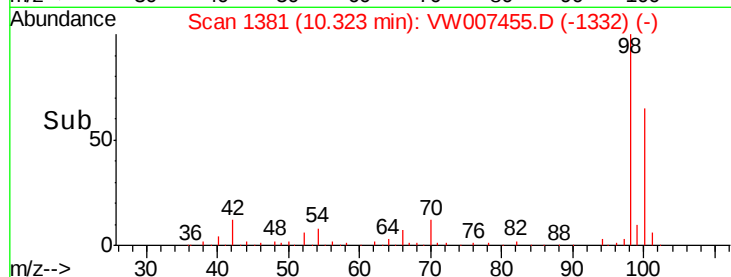
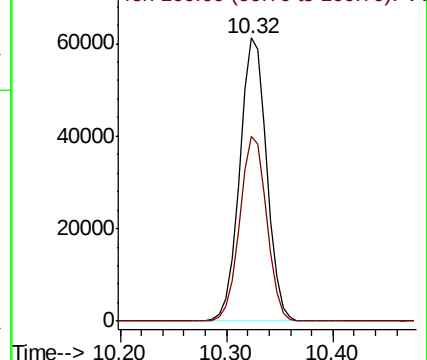
98 100

100 65.4 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: 43.889 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW007455.D

Acq: 12 Dec 2018 23:13

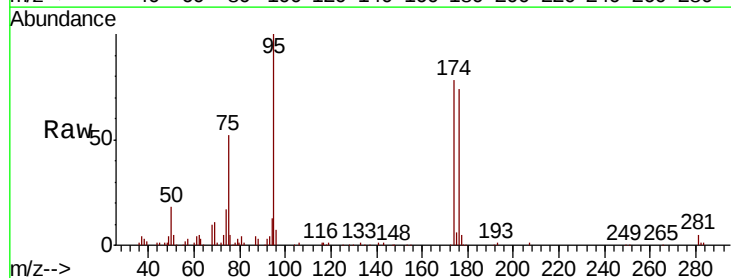
Tgt Ion: 95 Resp: 45070

Ion Ratio Lower Upper

95 100

174 76.1 0.0 147.2

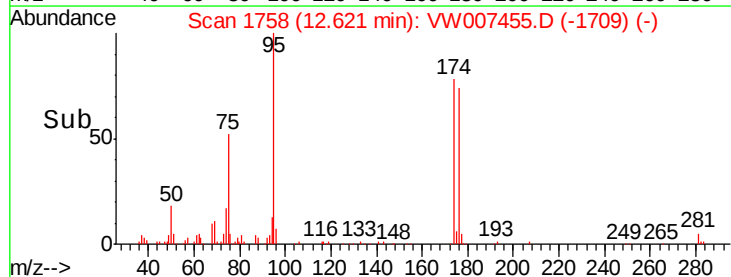
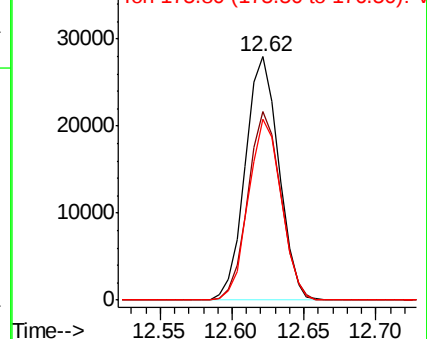
176 72.8 0.0 138.8

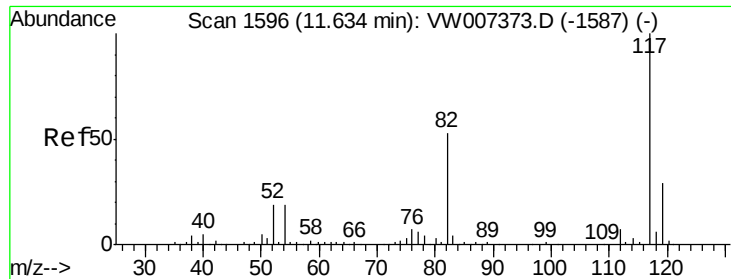


Abundance Ion 94.90 (94.60 to 95.60): VW

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: VW007455.D

Acq: 12 Dec 2018 23:13

Instrument :

MSVOA_W

ClientSampleId :

BF-03-120418RE

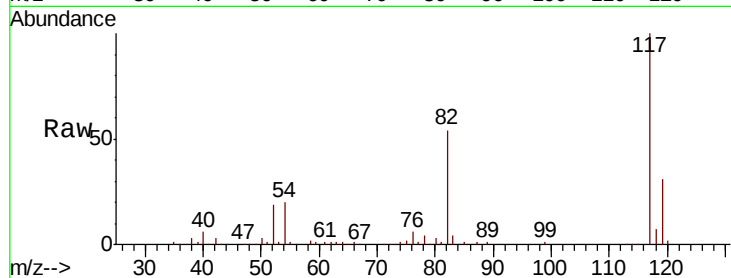
Tot Ion:117 Resp: 119574

Ion Ratio Lower Upper

117 100

82 53.9 42.3 63.5

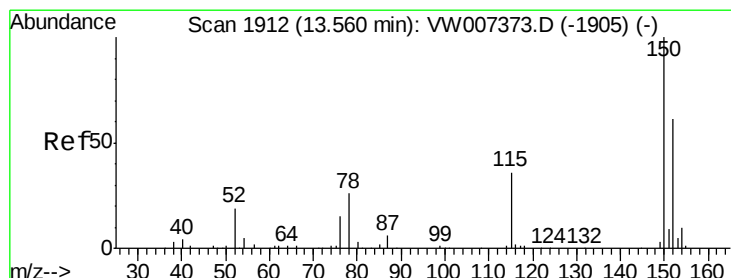
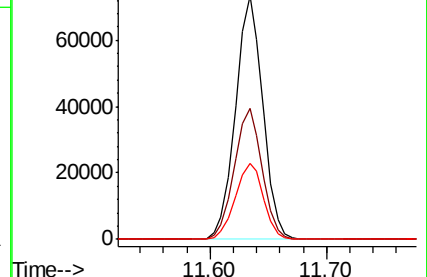
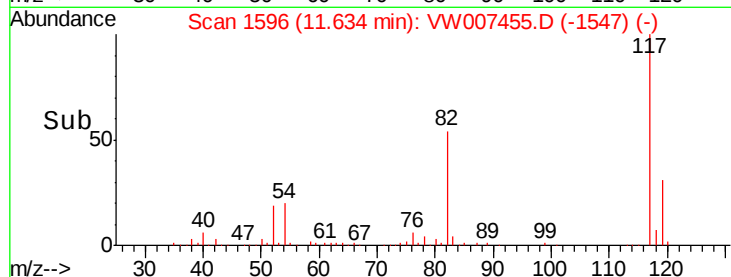
119 30.9 23.0 34.6



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

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: VW007455.D

Acq: 12 Dec 2018 23:13

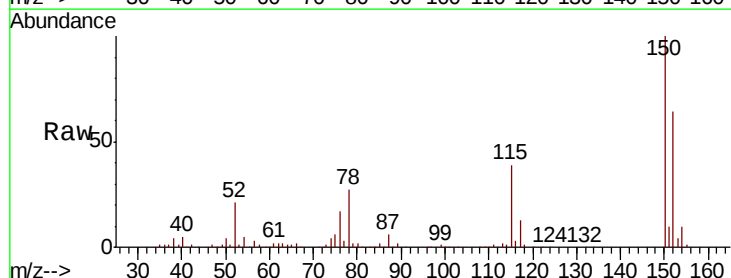
Tgt Ion:152 Resp: 59262

Ion Ratio Lower Upper

152 100

115 62.9 31.4 94.2

150 159.1 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

