

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082219\
 Data File : VW012113.D
 Acq On : 22 Aug 2019 16:17
 Operator : SY/VA
 Sample : K4461-07
 Misc : 5.01G/5ML/MSVOA W/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-04-11.5-12.0

Quant Time: Aug 23 08:35:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W072719S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 27 00:23:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	229374	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	386669	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	325559	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	137343	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	143339	54.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.84%	
35) Dibromofluoromethane	7.88	113	116748	53.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.64%	
50) Toluene-d8	10.32	98	472375	53.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.38%	
62) 4-Bromofluorobenzene	12.62	95	155592	49.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.28%	

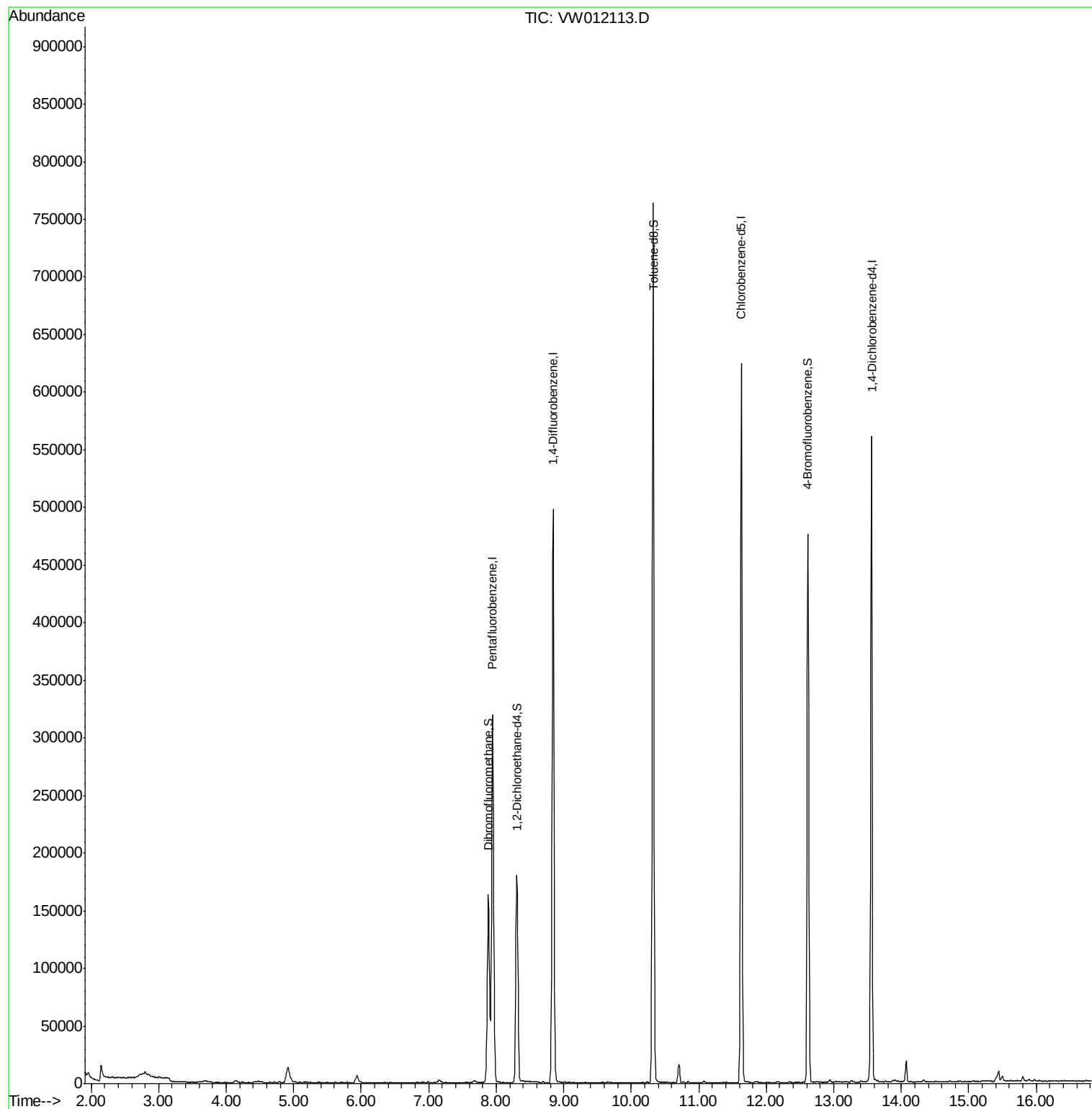
Target Compounds	Qvalue

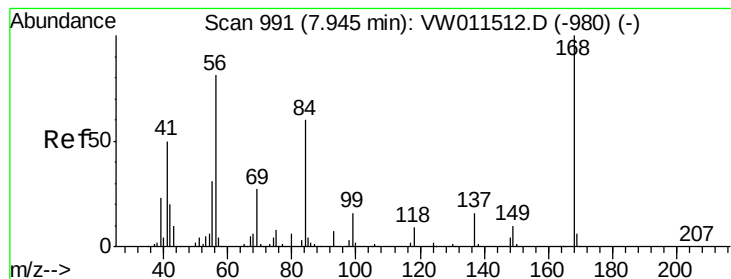
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sat Jul 27 00:23:30 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW012113.D

Acq: 22 Aug 2019 16:17

Instrument :

MSVOA_W

ClientSampleId :

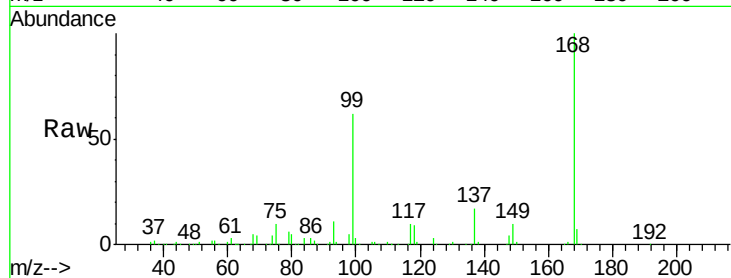
SB-04-11.5-12.0

Tot Ion:168 Resp: 229374

Ion Ratio Lower Upper

168 100

99 62.3 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

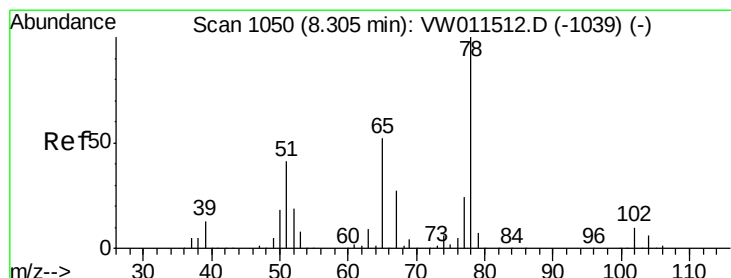
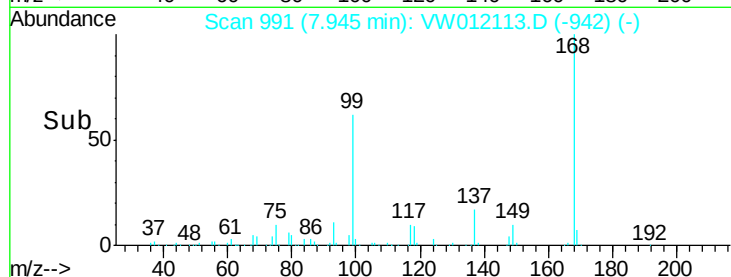
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#33

1,2-Dichloroethane-d4

Concen: 54.422 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW012113.D

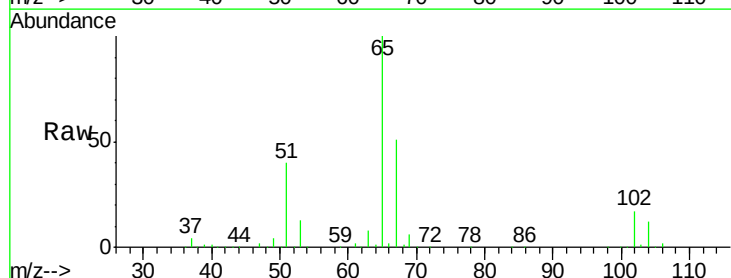
Acq: 22 Aug 2019 16:17

Tgt Ion: 65 Resp: 143339

Ion Ratio Lower Upper

65 100

67 51.9 0.0 105.2



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.31

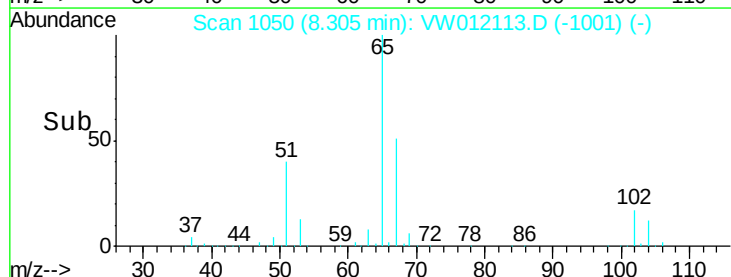
60000

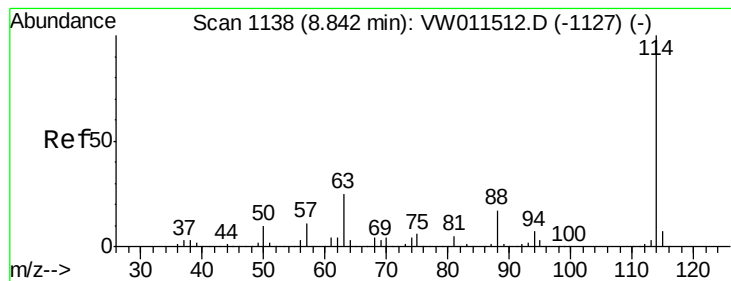
40000

20000

0

Time--> 8.20 8.30 8.40





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VW012113.D

Acq: 22 Aug 2019 16:17

Instrument :

MSVOA_W

ClientSampleId :

SB-04-11.5-12.0

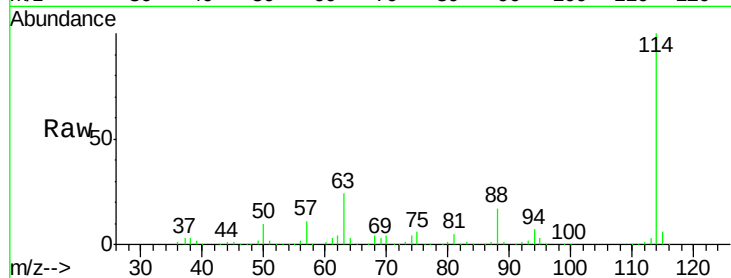
Tot Ion:114 Resp: 386669

Ion Ratio Lower Upper

114 100

63 24.2 0.0 49.2

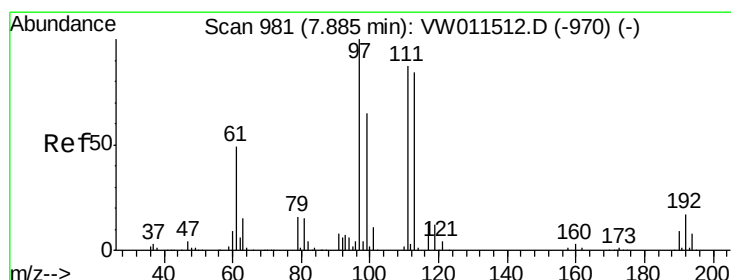
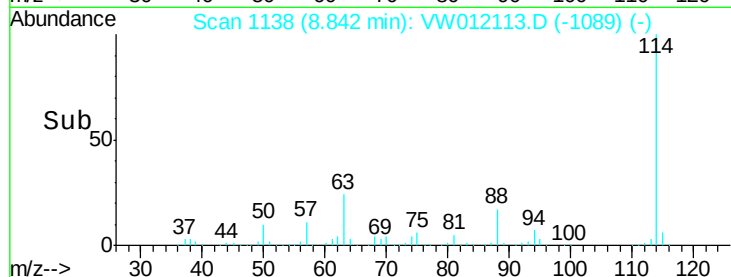
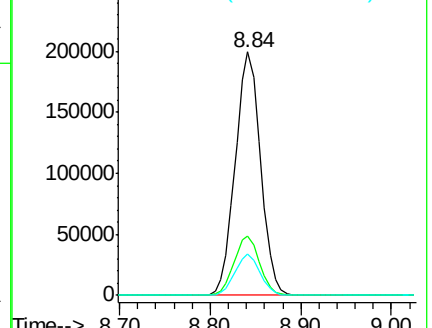
88 17.0 0.0 33.8



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: 53.819 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW012113.D

Acq: 22 Aug 2019 16:17

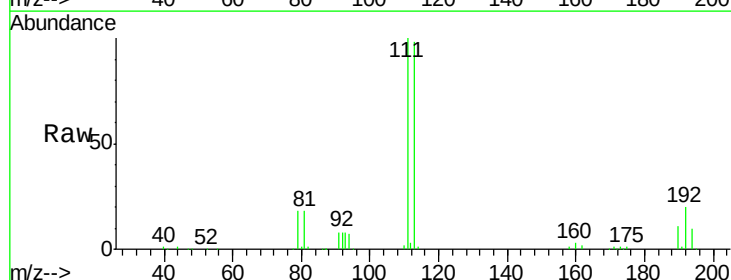
Tgt Ion:113 Resp: 116748

Ion Ratio Lower Upper

113 100

111 101.9 82.7 124.1

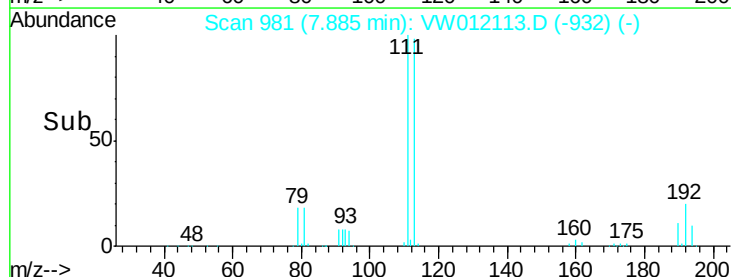
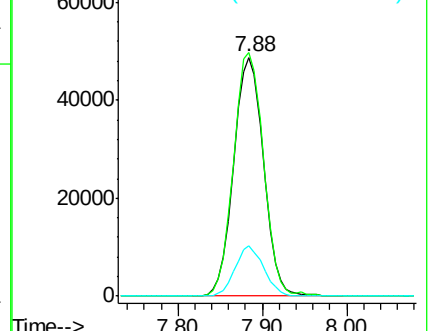
192 20.2 16.1 24.1

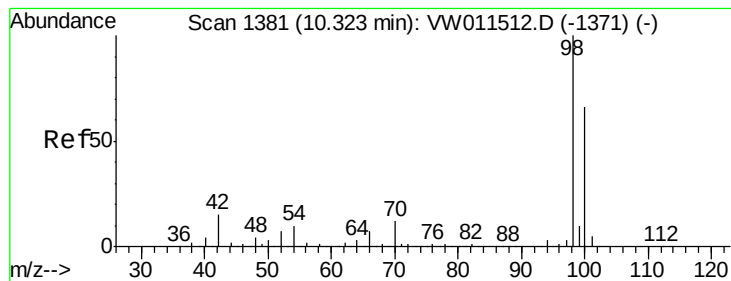


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 53.185 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW012113.D

Acq: 22 Aug 2019 16:17

Instrument :

MSVOA_W

ClientSampleId :

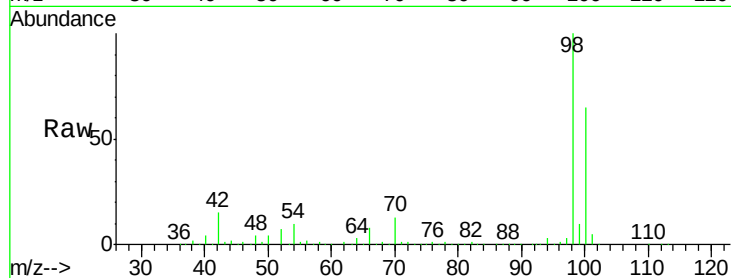
SB-04-11.5-12.0

Tot Ion: 98 Resp: 472375

Ion Ratio Lower Upper

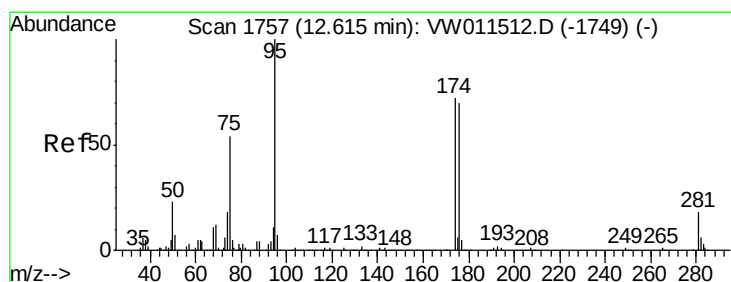
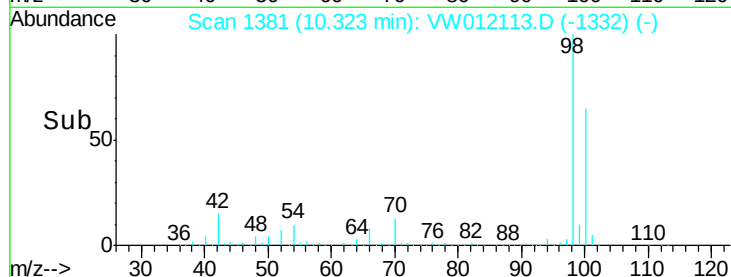
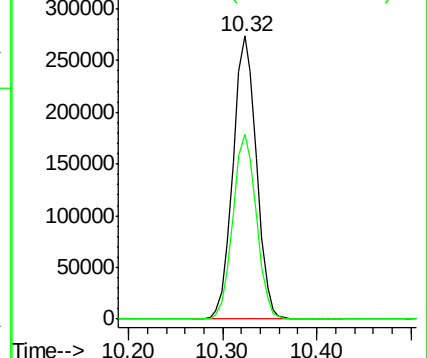
98 100

100 65.3 52.7 79.1



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#62

4-Bromofluorobenzene

Concen: 49.137 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VW012113.D

Acq: 22 Aug 2019 16:17

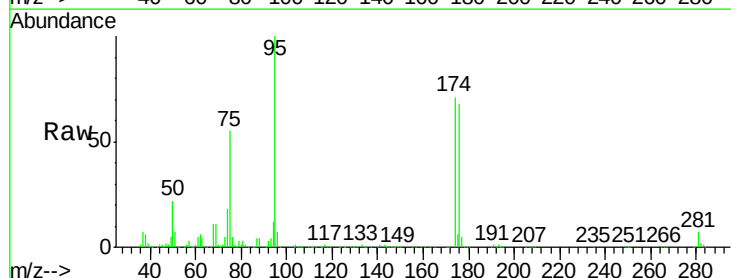
Tgt Ion: 95 Resp: 155592

Ion Ratio Lower Upper

95 100

174 74.8 0.0 150.2

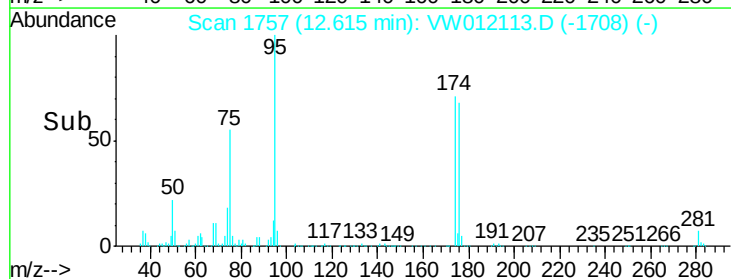
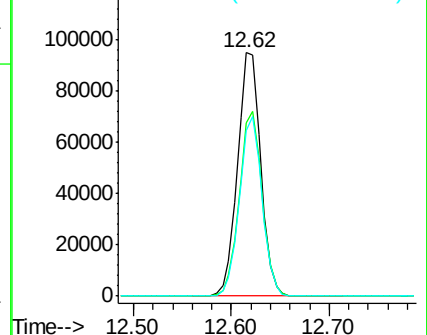
176 72.1 0.0 144.4

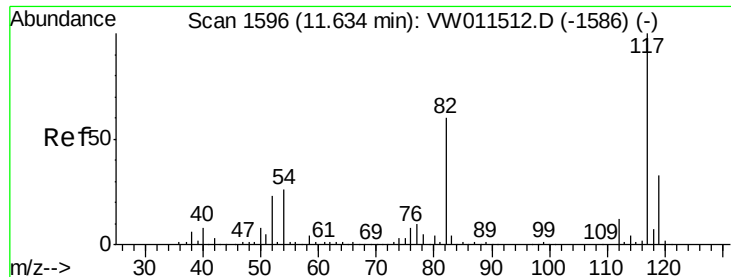


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW

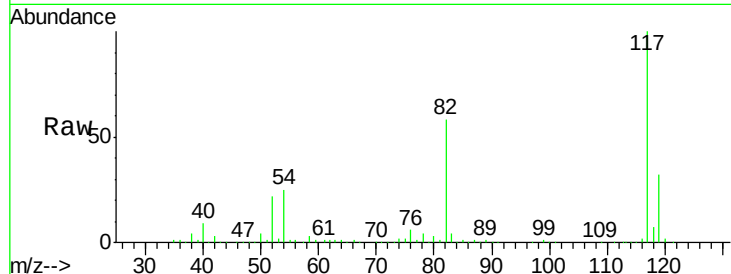




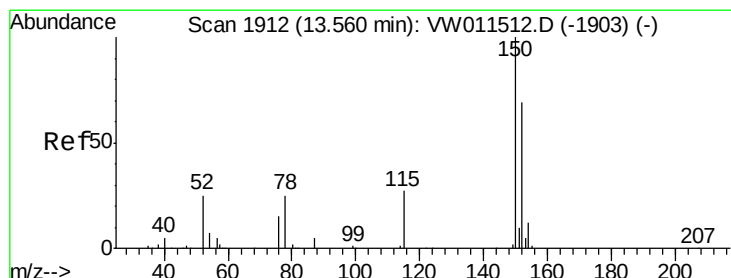
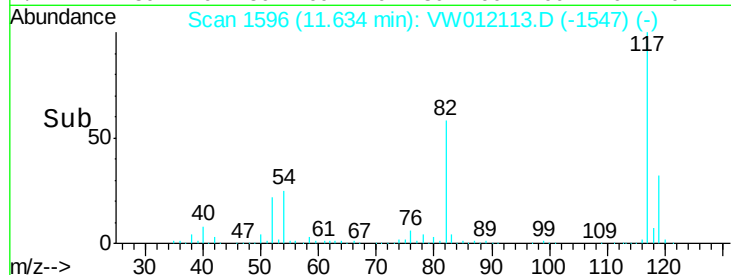
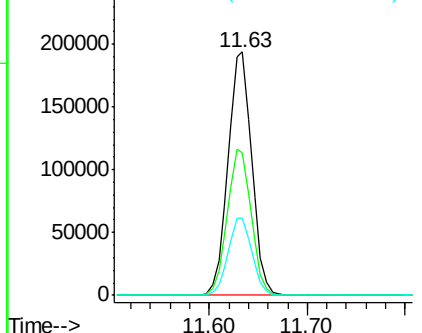
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW012113.D
Acq: 22 Aug 2019 16:17

Instrument :
MSVOA_W
ClientSampleId :
SB-04-11.5-12.0

Tot Ion:117 Resp: 325559
Ion Ratio Lower Upper
117 100
82 58.4 47.9 71.9
119 31.5 26.2 39.2

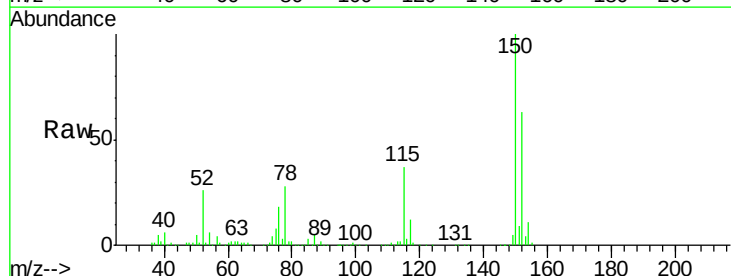


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW012113.D
Acq: 22 Aug 2019 16:17

Tgt Ion:152 Resp: 137343
Ion Ratio Lower Upper
152 100
115 61.4 30.5 91.5
150 159.0 0.0 352.6



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

