

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082919\
 Data File : VW012336.D
 Acq On : 30 Aug 2019 06:42
 Operator : SY/VA
 Sample : K4554-05
 Misc : 4.91G/5ML/MSVOA W/SOIL
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-12-(0-2)

Quant Time: Aug 30 09:34:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 26 07:18:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	256953	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	418407	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	340855	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	120816	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	148791	48.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.42%	
35) Dibromofluoromethane	7.88	113	122594	49.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.18%	
50) Toluene-d8	10.32	98	511550	50.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.04%	
62) 4-Bromofluorobenzene	12.62	95	152349	42.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.36%	

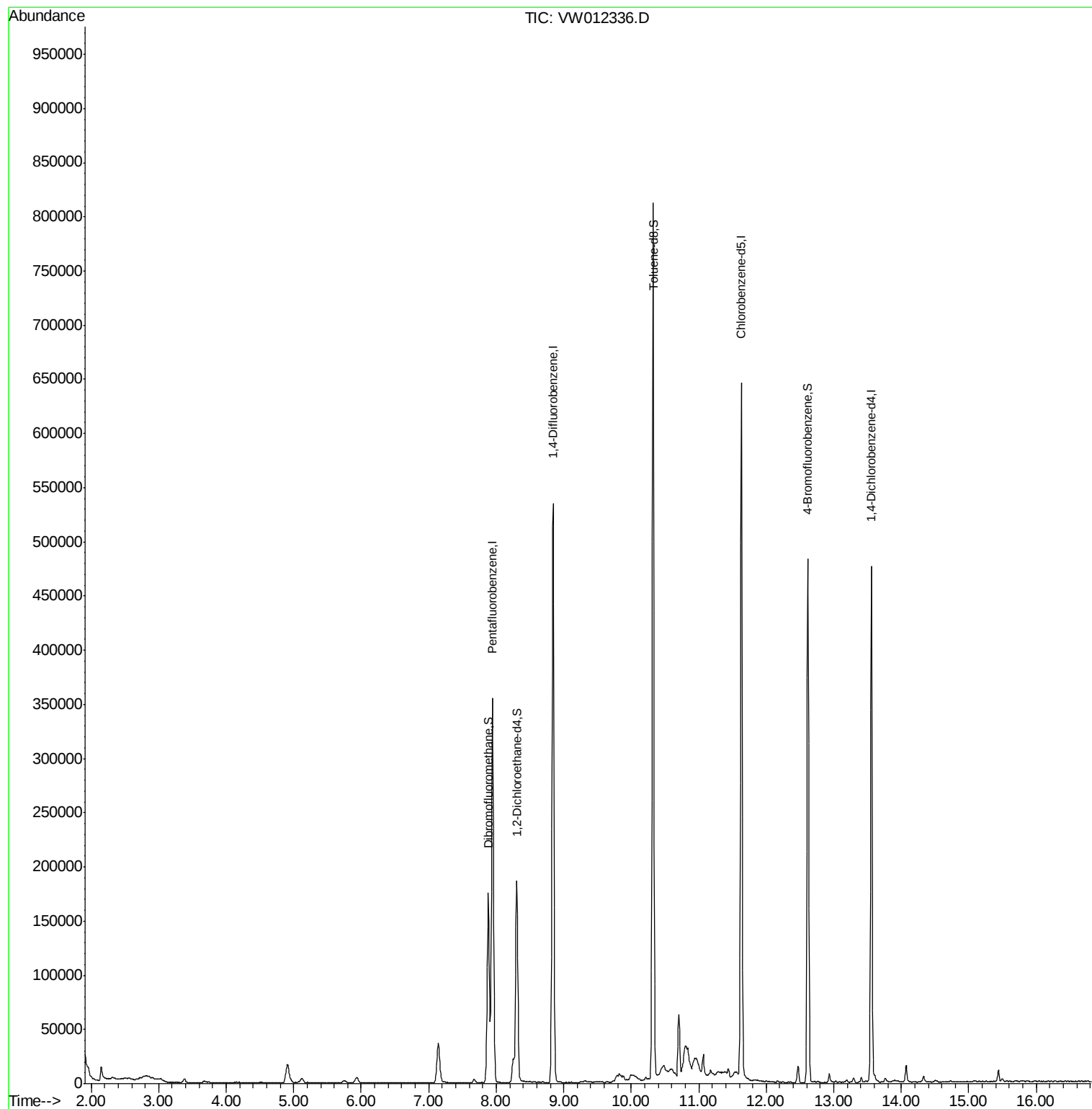
Target Compounds	Qvalue

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

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QLast Update : Mon Aug 26 07:18:31 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW012336.D

Acq: 30 Aug 2019 06:42

Instrument :

MSVOA_W

ClientSampleId :

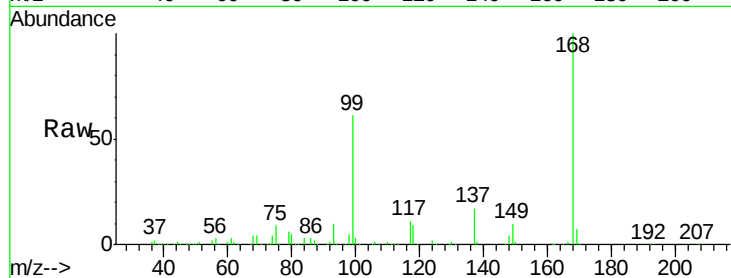
SB-12-(0-2)

Tot Ion:168 Resp: 256953

Ion Ratio Lower Upper

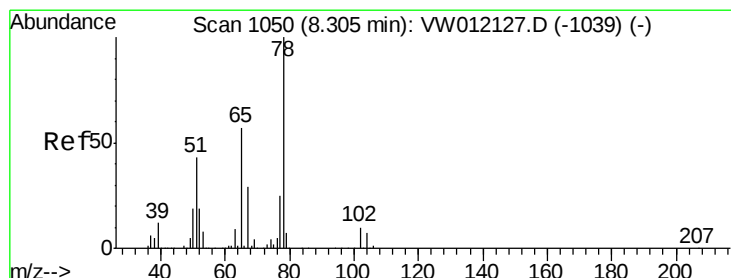
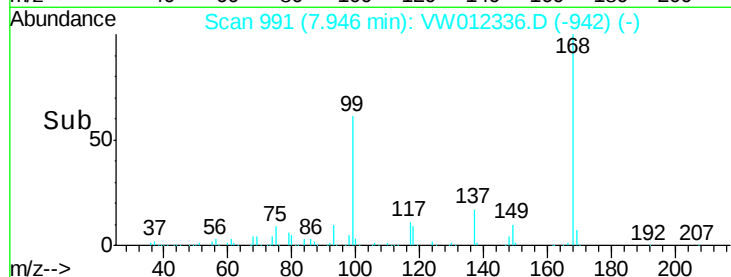
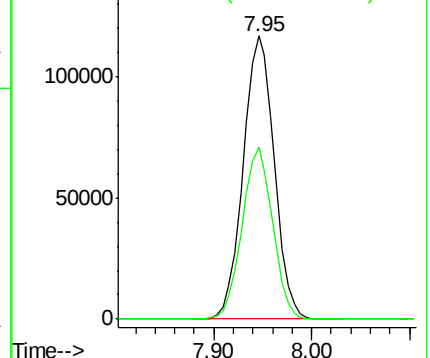
168 100

99 60.9 49.2 73.8



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: 48.711 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW012336.D

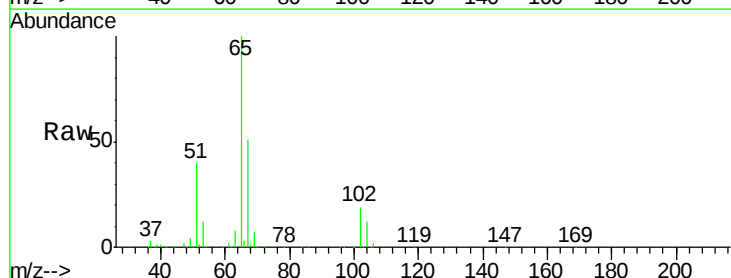
Acq: 30 Aug 2019 06:42

Tgt Ion: 65 Resp: 148791

Ion Ratio Lower Upper

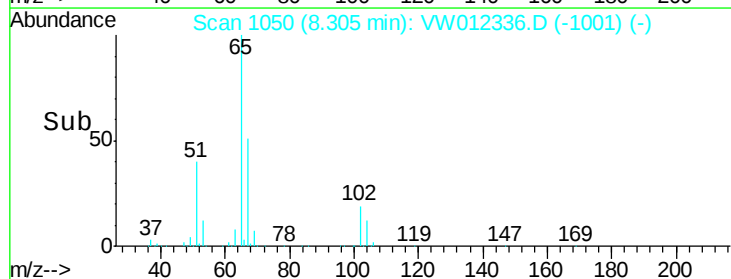
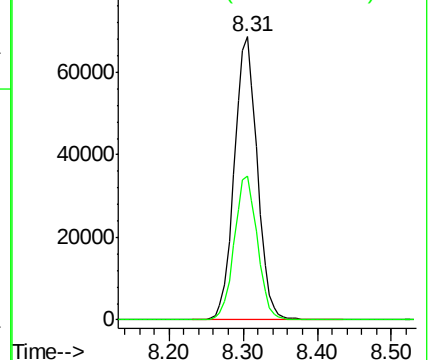
65 100

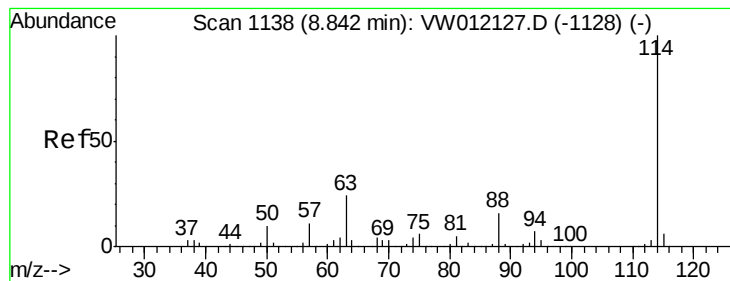
67 51.1 0.0 102.6



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: VW012336.D

Acq: 30 Aug 2019 06:42

Instrument :

MSVOA_W

ClientSampleId :

SB-12-(0-2)

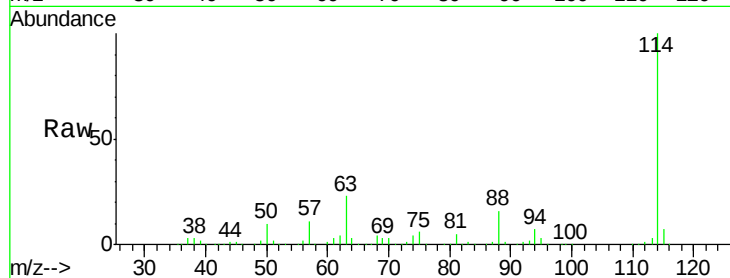
Tot Ion:114 Resp: 418407

Ion Ratio Lower Upper

114 100

63 23.1 0.0 48.6

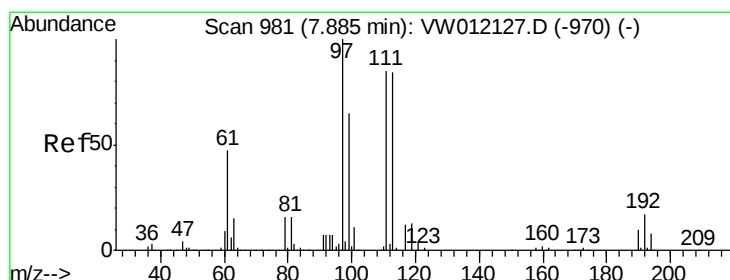
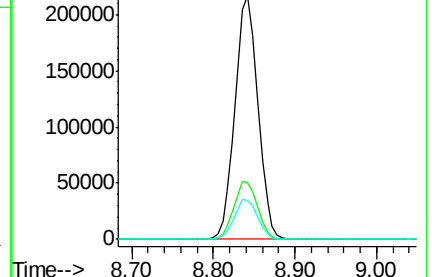
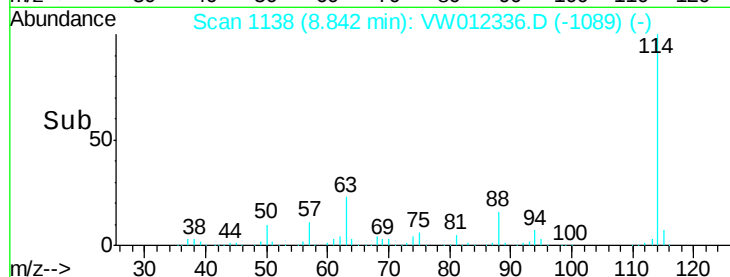
88 16.1 0.0 32.2



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: 49.087 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW012336.D

Acq: 30 Aug 2019 06:42

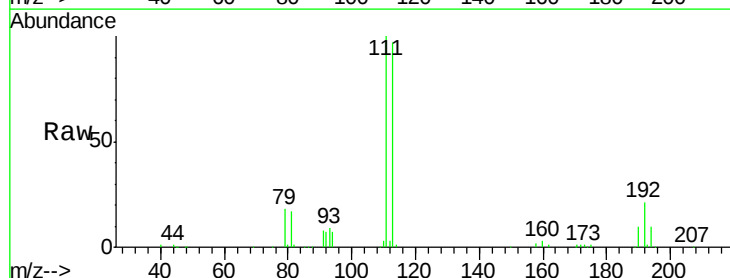
Tgt Ion:113 Resp: 122594

Ion Ratio Lower Upper

113 100

111 104.6 82.7 124.1

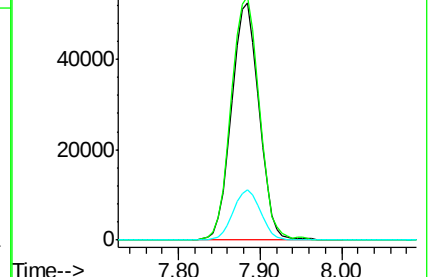
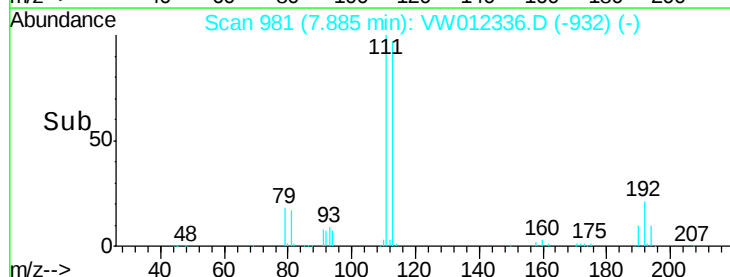
192 21.1 16.2 24.2

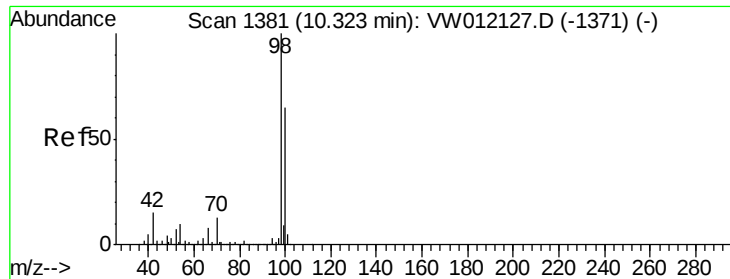


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.516 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW012336.D

Acq: 30 Aug 2019 06:42

Instrument :

MSVOA_W

ClientSampleId :

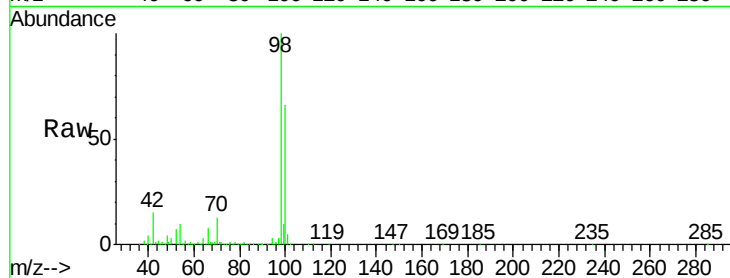
SB-12-(0-2)

Tot Ion: 98 Resp: 511550

Ion Ratio Lower Upper

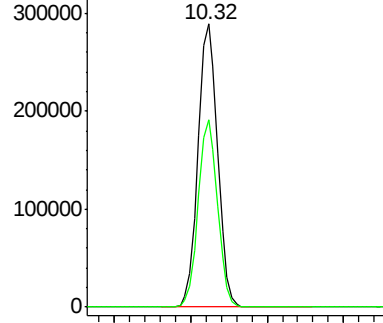
98 100

100 65.1 52.4 78.6

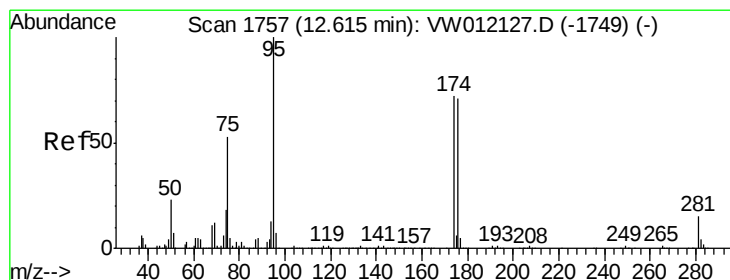
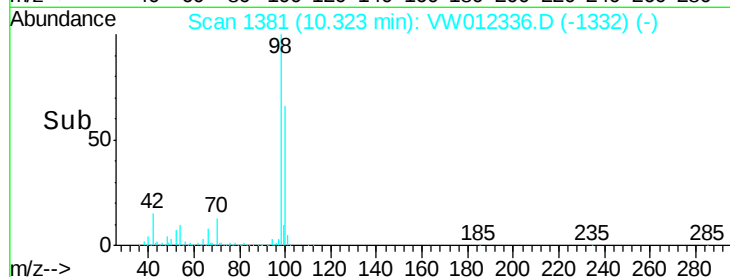


Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



Time-->



#62

4-Bromofluorobenzene

Concen: 42.679 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VW012336.D

Acq: 30 Aug 2019 06:42

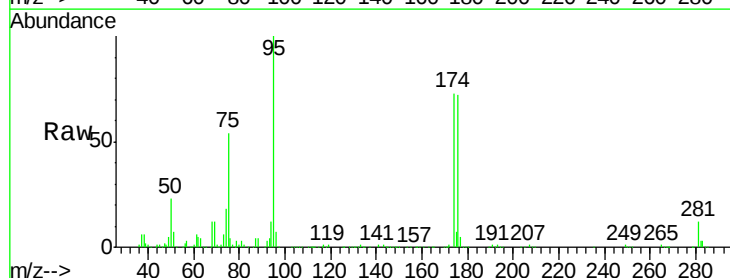
Tgt Ion: 95 Resp: 152349

Ion Ratio Lower Upper

95 100

174 75.6 0.0 150.8

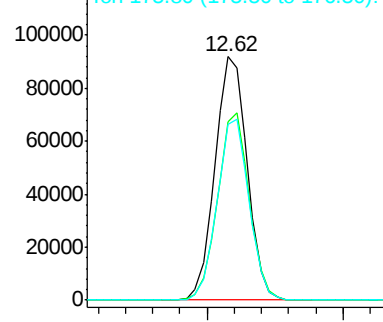
176 73.7 0.0 148.6



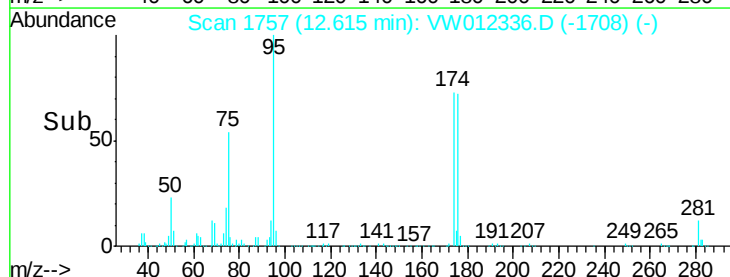
Abundance Ion 94.90 (94.60 to 95.60): VW

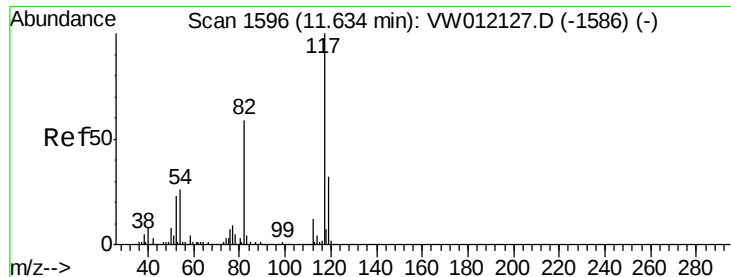
Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



Time-->

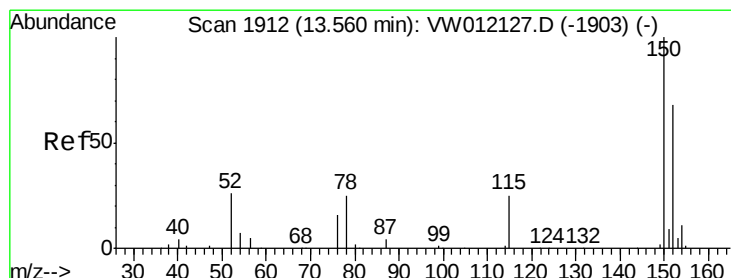
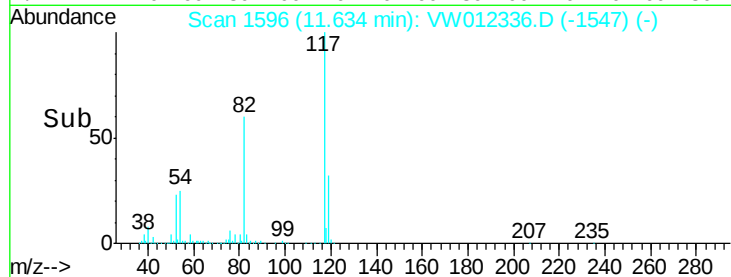
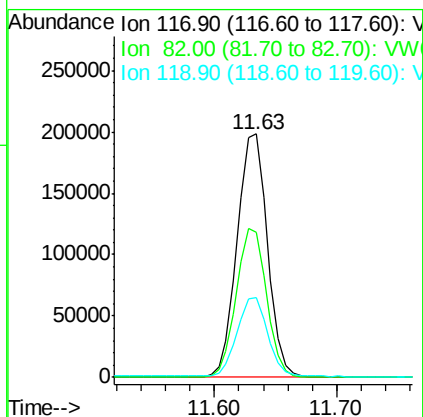
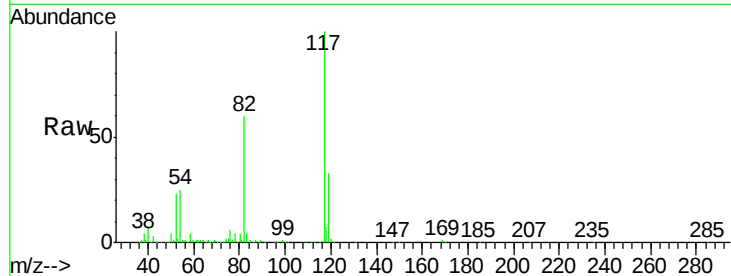




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW012336.D
Acq: 30 Aug 2019 06:42

Instrument :
MSVOA_W
ClientSampleId :
SB-12-(0-2)

Tot Ion:117 Resp: 340855
Ion Ratio Lower Upper
117 100
82 59.6 47.4 71.2
119 32.2 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW012336.D
Acq: 30 Aug 2019 06:42

Tgt Ion:152 Resp: 120816
Ion Ratio Lower Upper
152 100
115 59.6 30.1 90.3
150 155.1 0.0 345.8

