

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082619\
 Data File : VW012175.D
 Acq On : 26 Aug 2019 16:46
 Operator : SY/VA
 Sample : VW0826SBL02
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0826SBL02

Quant Time: Aug 27 05:38:14 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	217315	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	360174	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	305060	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	131753	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	135871	52.59	ug/l	0.00
Spiked Amount			Recovery	=	105.18%	
35) Dibromofluoromethane	7.88	113	112279	52.23	ug/l	0.00
Spiked Amount			Recovery	=	104.46%	
50) Toluene-d8	10.32	98	445878	51.15	ug/l	0.00
Spiked Amount			Recovery	=	102.30%	
62) 4-Bromofluorobenzene	12.62	95	144358	46.98	ug/l	0.00
Spiked Amount			Recovery	=	93.96%	

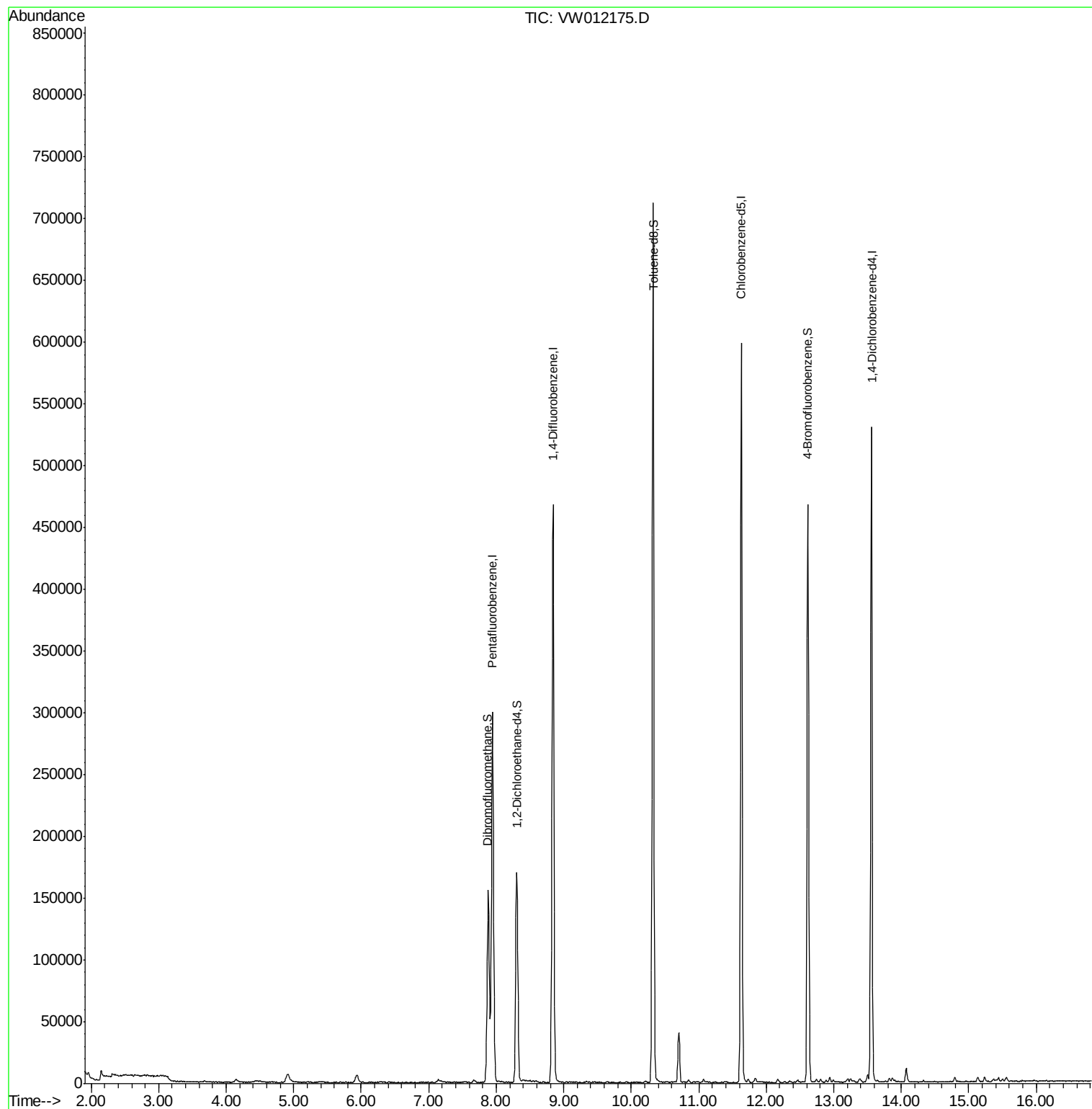
Target Compounds	Qvalue
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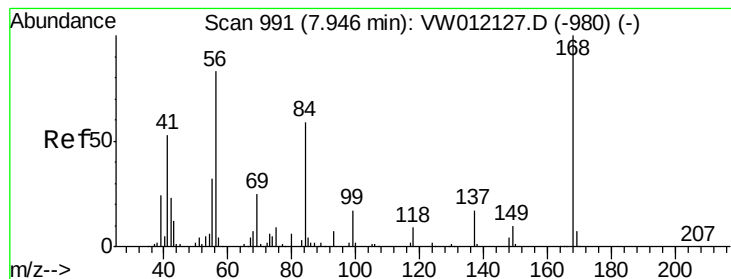
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW082619\
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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: VW012175.D

Acq: 26 Aug 2019 16:46

Instrument :

MSVOA_W

ClientSampleId :

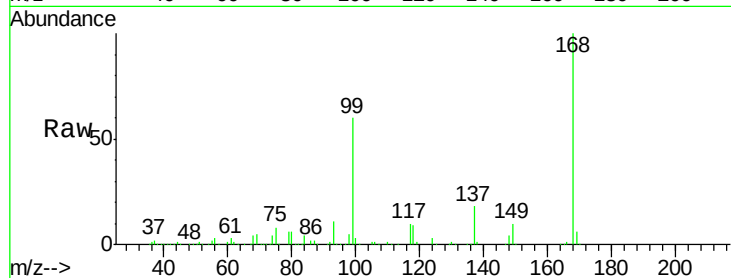
VW0826SBL02

Tot Ion:168 Resp: 217315

Ion Ratio Lower Upper

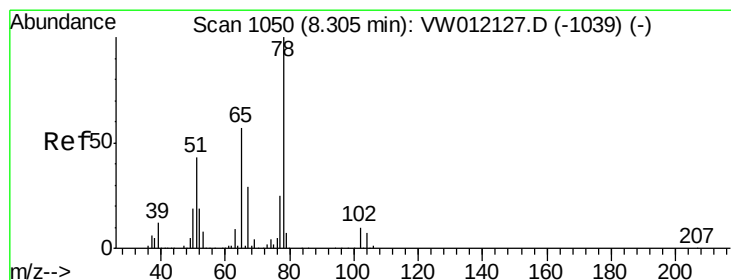
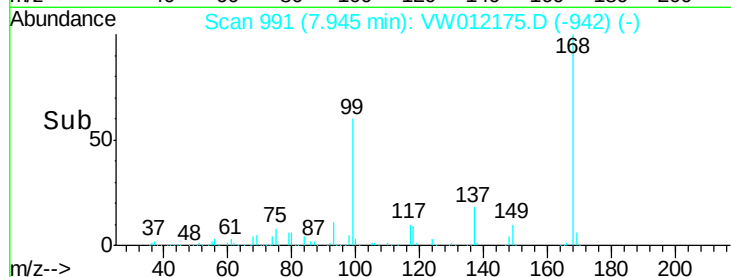
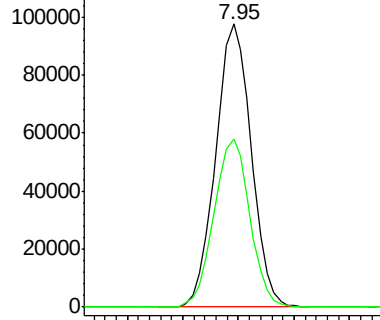
168 100

99 59.6 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: 52.595 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW012175.D

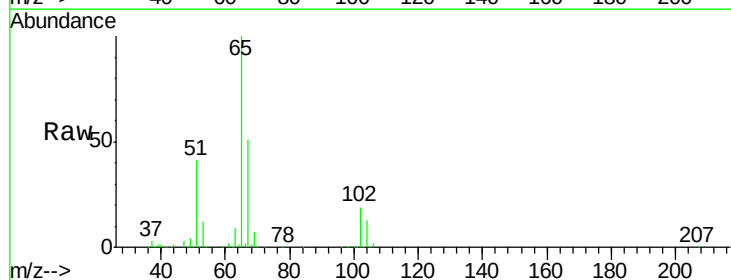
Acq: 26 Aug 2019 16:46

Tgt Ion: 65 Resp: 135871

Ion Ratio Lower Upper

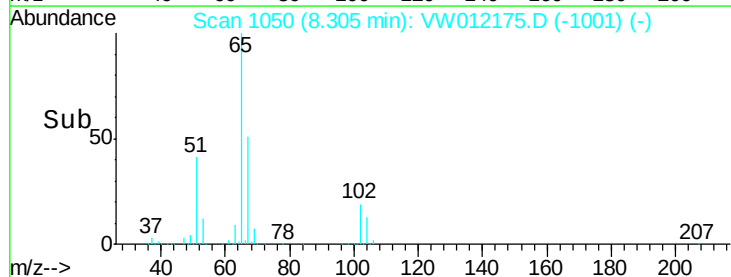
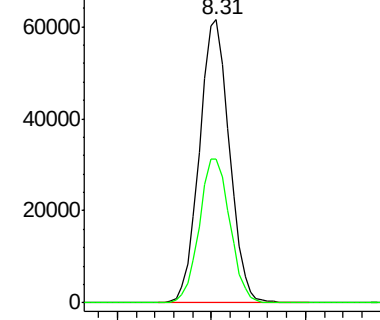
65 100

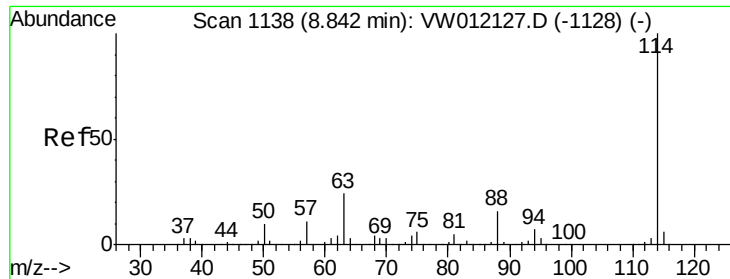
67 52.2 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

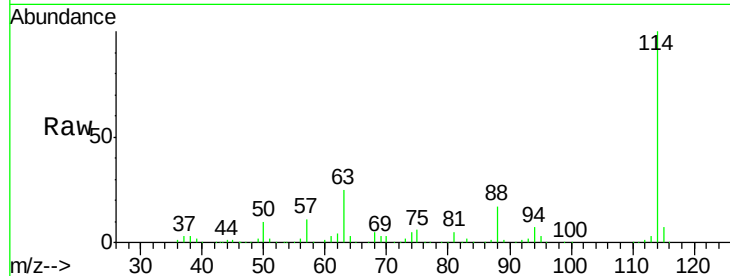




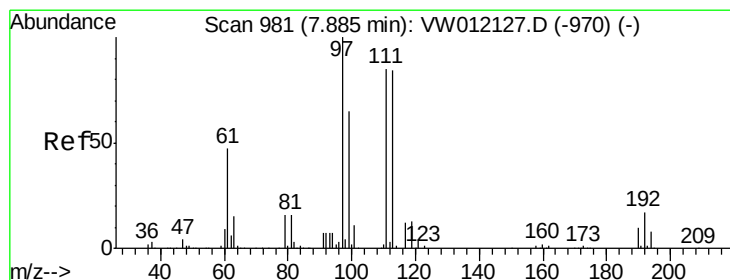
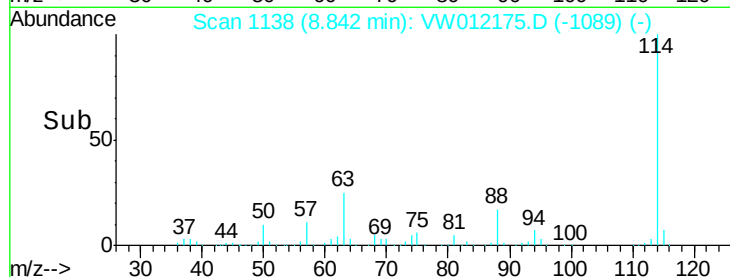
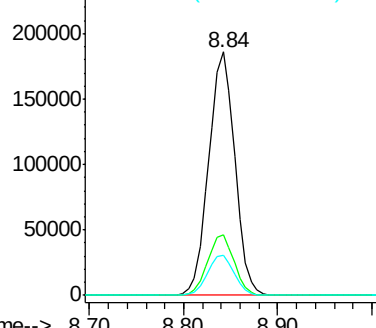
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW012175.D
 Acq: 26 Aug 2019 16:46

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0826SBL02

Tot Ion:114 Resp: 360174
 Ion Ratio Lower Upper
 114 100
 63 24.6 0.0 48.6
 88 16.7 0.0 32.2

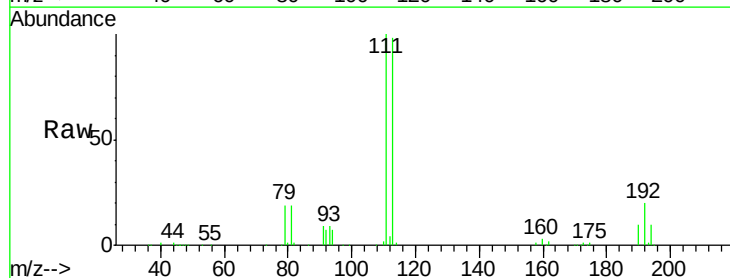


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

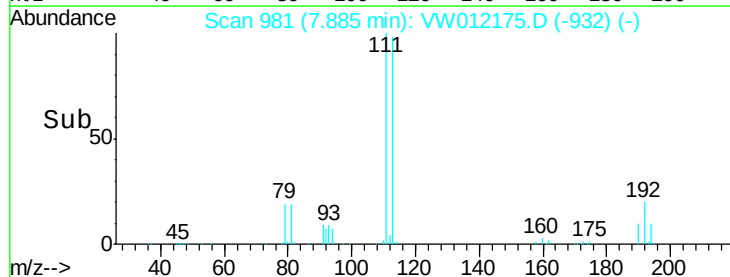
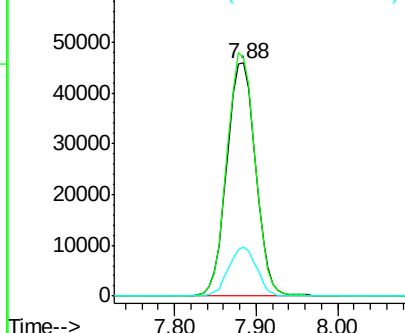


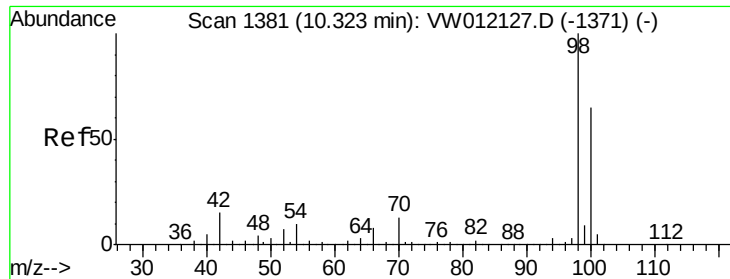
#35
 Dibromofluoromethane
 Concen: 52.225 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW012175.D
 Acq: 26 Aug 2019 16:46

Tgt Ion:113 Resp: 112279
 Ion Ratio Lower Upper
 113 100
 111 102.2 82.7 124.1
 192 20.3 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: 51.149 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW012175.D

Acq: 26 Aug 2019 16:46

Instrument :

MSVOA_W

ClientSampleId :

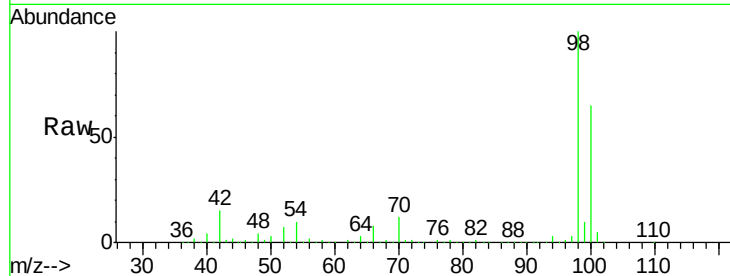
VW0826SBL02

Tot Ion: 98 Resp: 445878

Ion Ratio Lower Upper

98 100

100 65.0 52.4 78.6



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

10.32

250000

200000

150000

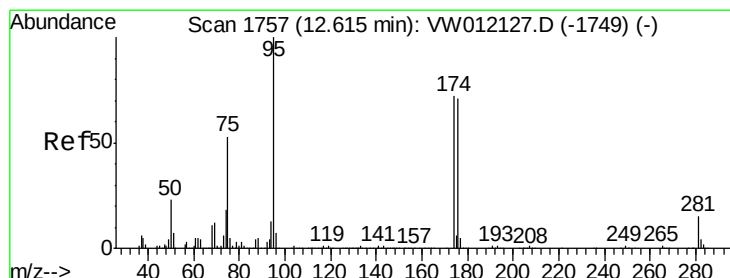
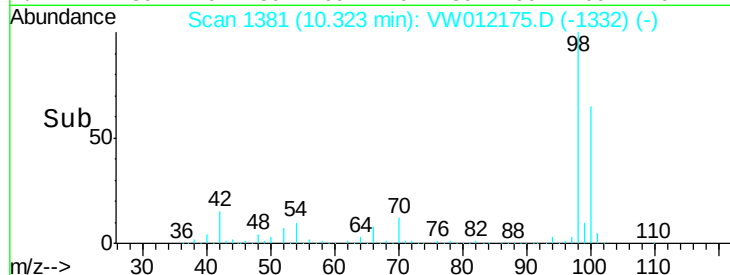
100000

50000

0

Time-->

10.20 10.30 10.40 10.50



#62

4-Bromofluorobenzene

Concen: 46.979 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW012175.D

Acq: 26 Aug 2019 16:46

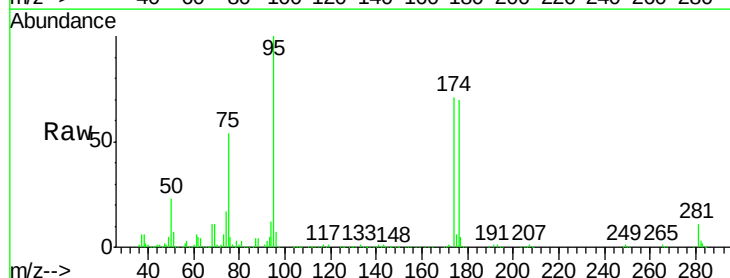
Tgt Ion: 95 Resp: 144358

Ion Ratio Lower Upper

95 100

174 77.0 0.0 150.8

176 74.2 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

12.62

120000

100000

80000

60000

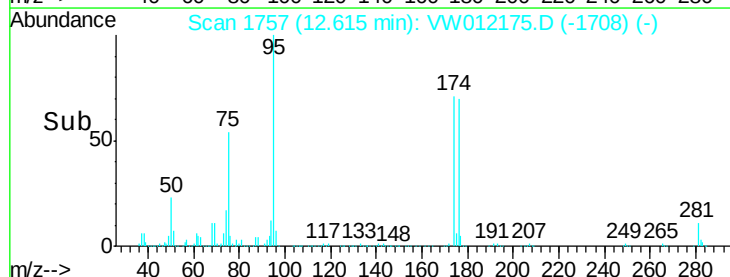
40000

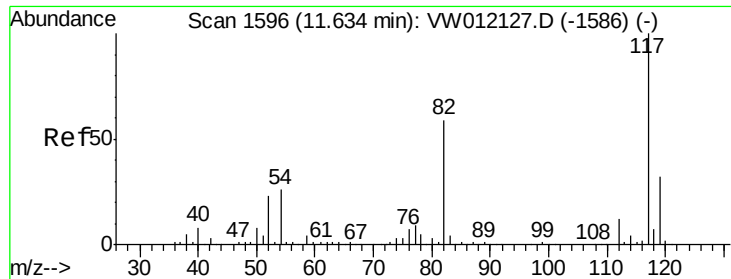
20000

0

Time-->

12.60 12.70

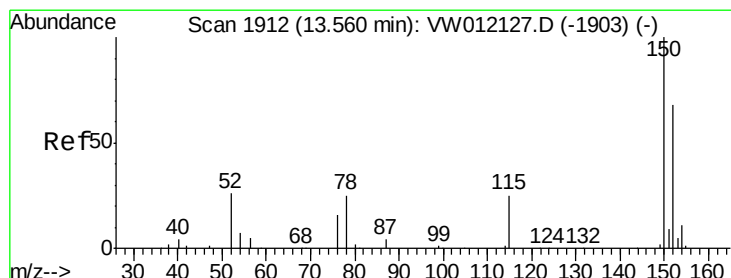
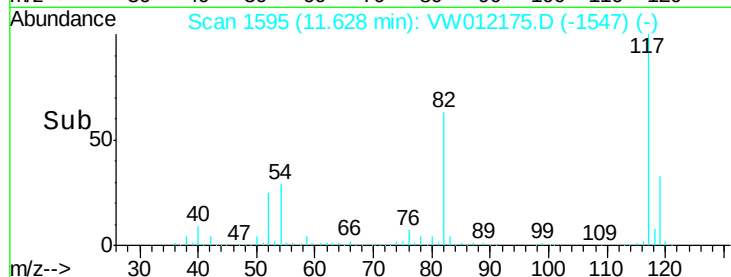
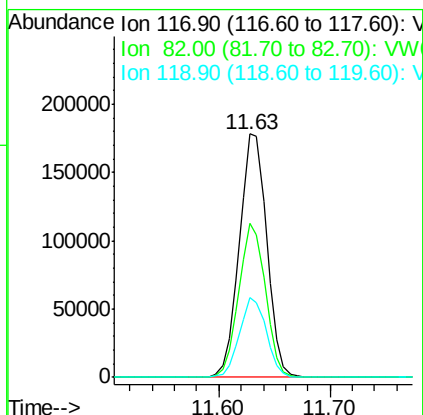
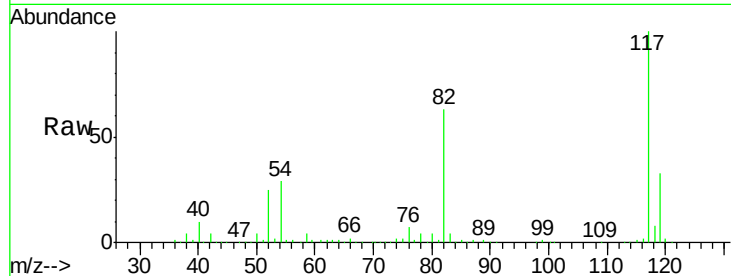




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012175.D
Acq: 26 Aug 2019 16:46

Instrument :
MSVOA_W
ClientSampleId :
VW0826SBL02

Tot Ion:117 Resp: 305060
Ion Ratio Lower Upper
117 100
82 63.2 47.4 71.2
119 32.8 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: VW012175.D
Acq: 26 Aug 2019 16:46

Tgt Ion:152 Resp: 131753
Ion Ratio Lower Upper
152 100
115 59.4 30.1 90.3
150 155.5 0.0 345.8

