

Data File : VW012683.D
Acq On : 06 Sep 2019 11:31
Operator : SY/VA
Sample : VW0906SBL01
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0906SBL01

Quant Time: Sep 07 05:18:41 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	226278	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	338879	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	284867	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	119474	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	134938	50.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.32%	
35) Dibromofluoromethane	7.88	113	102759	50.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.60%	
50) Toluene-d8	10.32	98	408364	49.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.58%	
62) 4-Bromofluorobenzene	12.62	95	128565	44.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.94%	

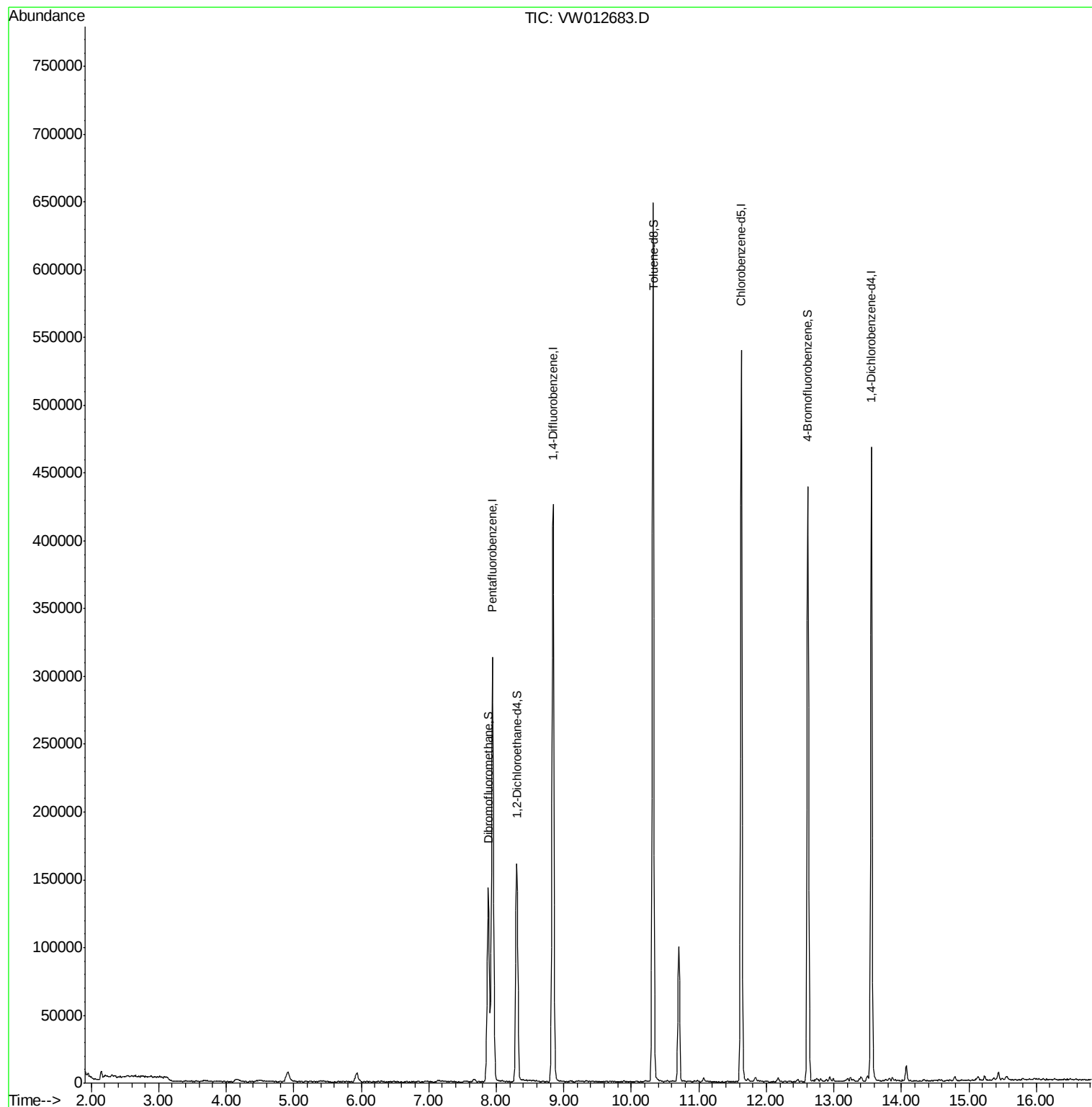
Target Compounds	Qvalue

(#) = 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. -0.00 min

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MSVOA_W

ClientSampleId :

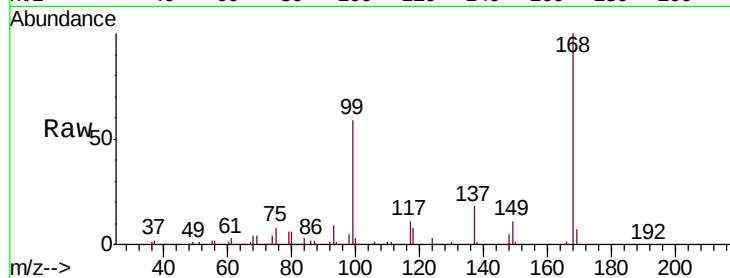
VW0906SBL01

Tgt Ion: 168 Resp: 226278

Ion Ratio Lower Upper

168 100

99 58.7 49.2 73.8



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

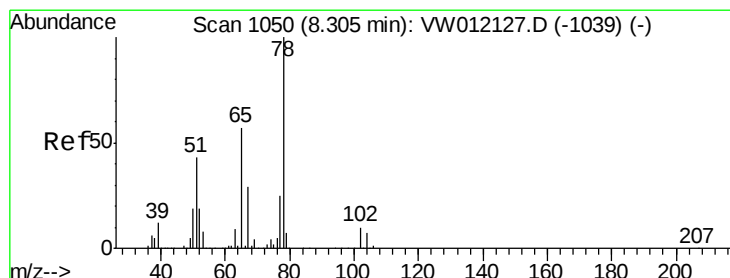
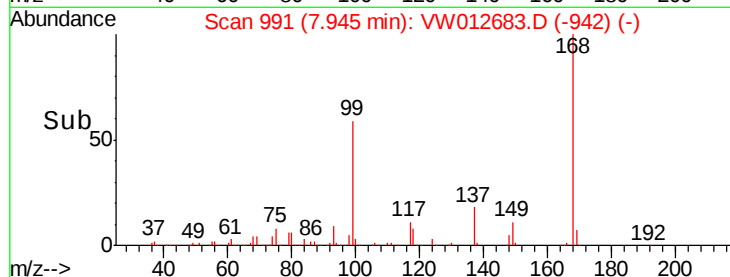
60000

40000

20000

0

Time--> 7.80 7.90 8.00



#33

1,2-Dichloroethane-d4

Concen: 50.165 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW012683.D

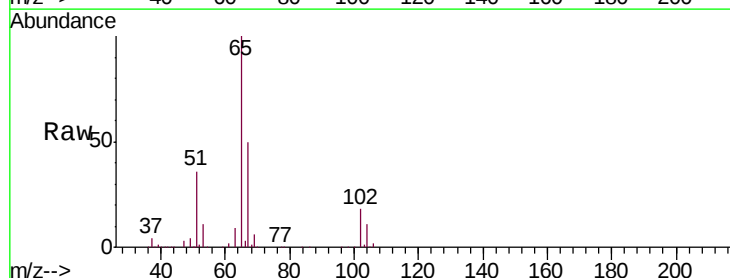
Acq: 06 Sep 2019 11:31

Tgt Ion: 65 Resp: 134938

Ion Ratio Lower Upper

65 100

67 49.7 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.31

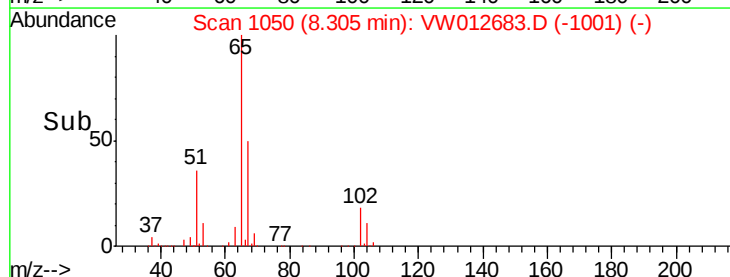
60000

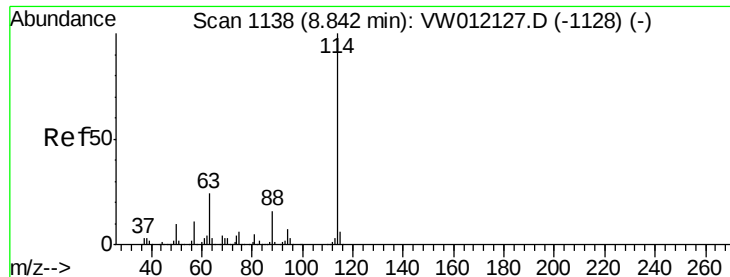
40000

20000

0

Time--> 8.20 8.30 8.40

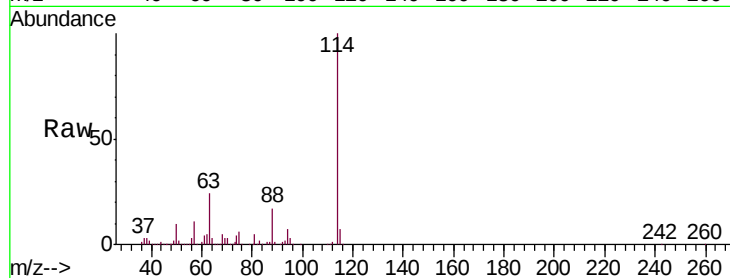




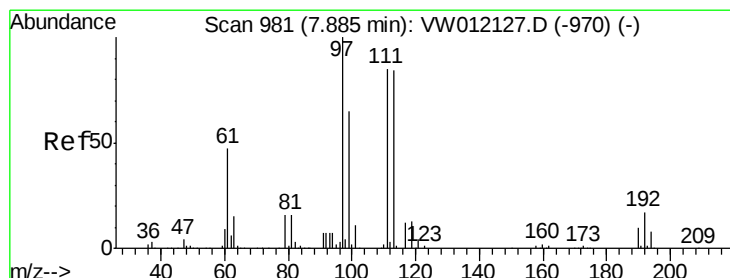
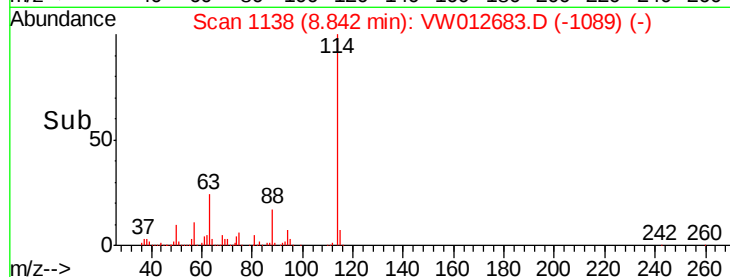
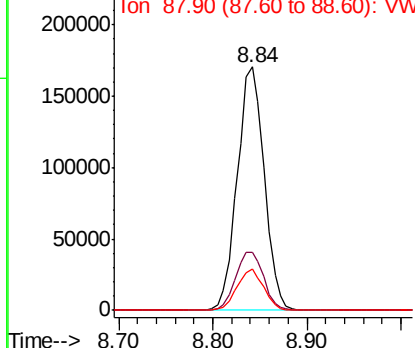
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW012683.D
 Acq: 06 Sep 2019 11:31

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0906SBL01

Tgt Ion:114 Resp: 338879
 Ion Ratio Lower Upper
 114 100
 63 23.7 0.0 48.6
 88 16.8 0.0 32.2

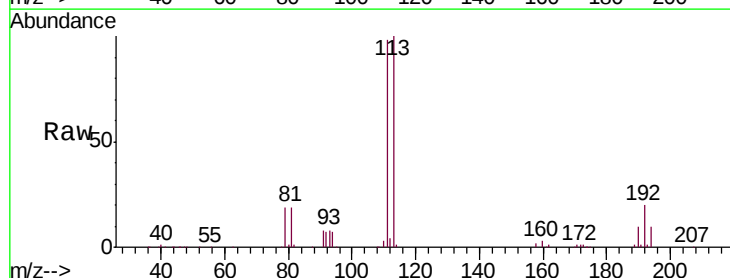


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

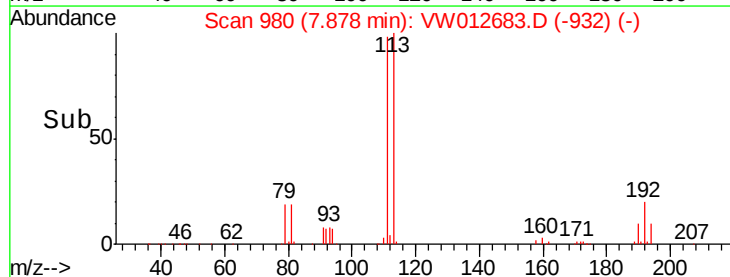
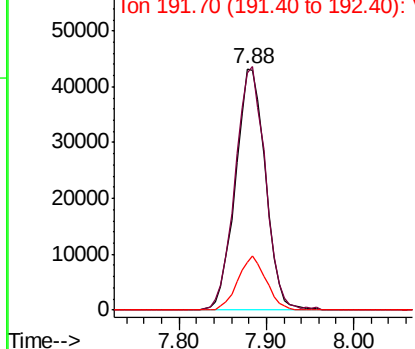


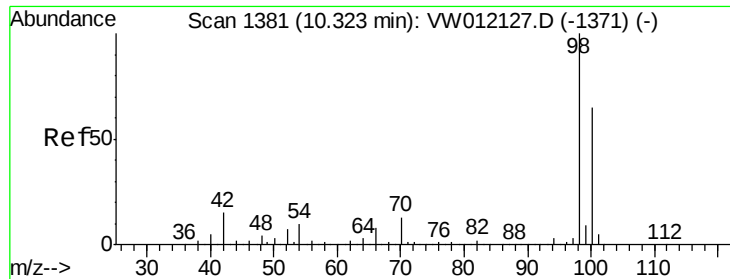
#35
 Dibromofluoromethane
 Concen: 50.801 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW012683.D
 Acq: 06 Sep 2019 11:31

Tgt Ion:113 Resp: 102759
 Ion Ratio Lower Upper
 113 100
 111 101.6 82.7 124.1
 192 21.2 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: 49.790 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

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Acq: 06 Sep 2019 11:31

Instrument :

MSVOA_W

ClientSampleId :

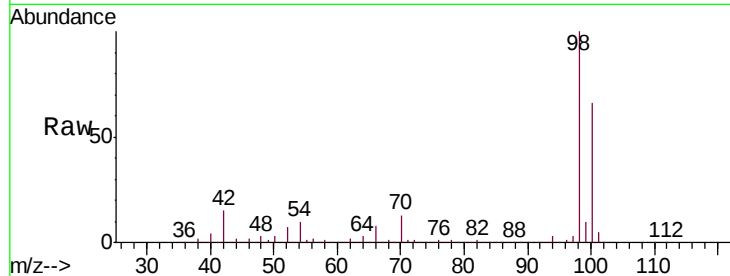
VW0906SBL01

Tgt Ion: 98 Resp: 408364

Ion Ratio Lower Upper

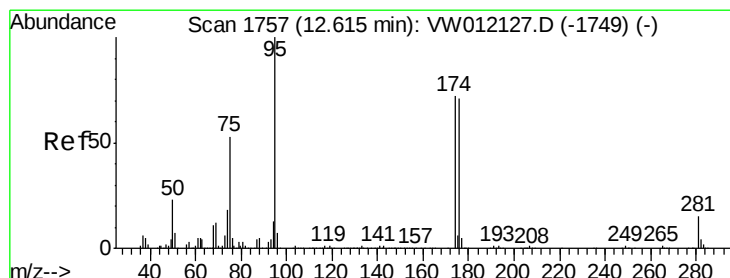
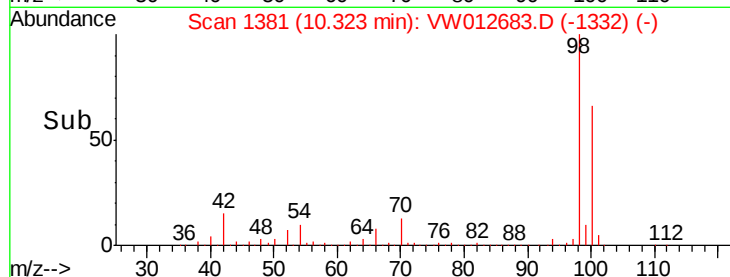
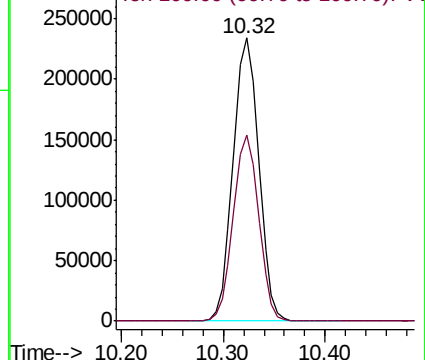
98 100

100 65.3 52.4 78.6



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#62

4-Bromofluorobenzene

Concen: 44.469 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW012683.D

Acq: 06 Sep 2019 11:31

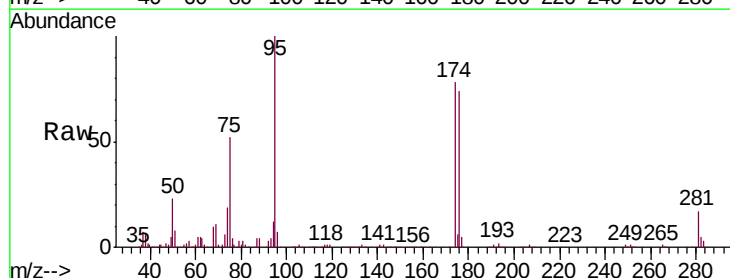
Tgt Ion: 95 Resp: 128565

Ion Ratio Lower Upper

95 100

174 81.4 0.0 150.8

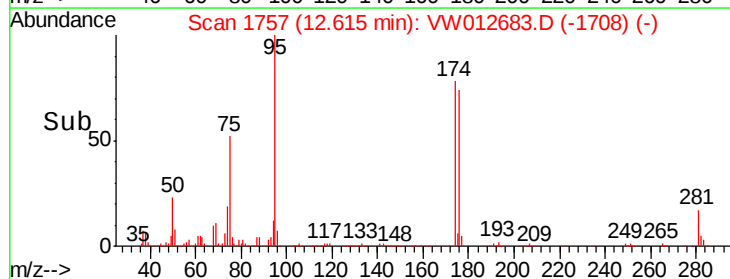
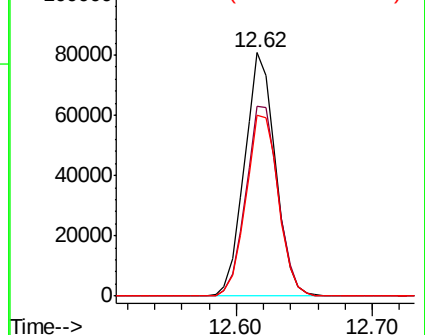
176 78.0 0.0 148.6

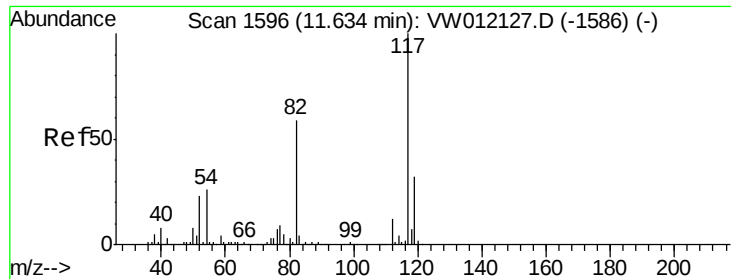


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

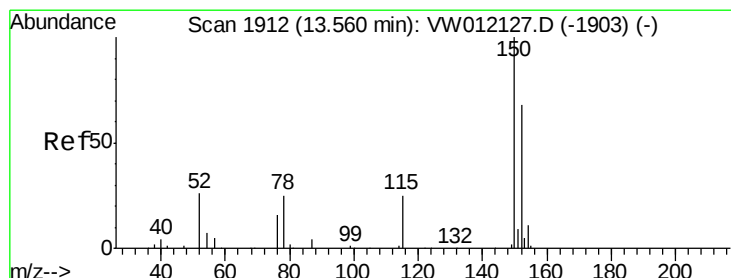
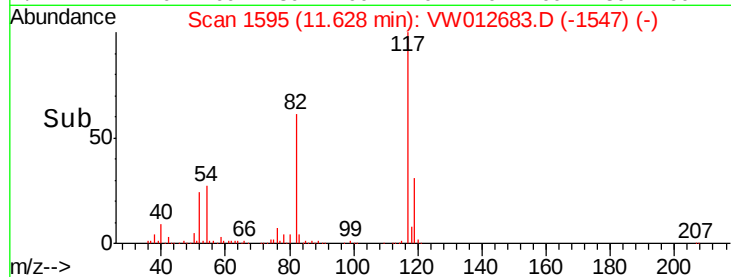
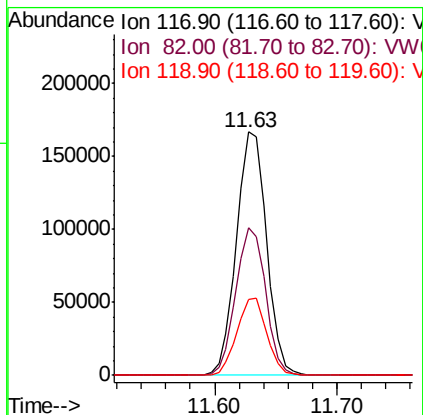
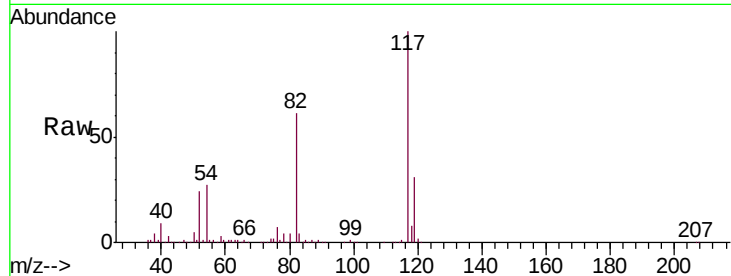




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012683.D
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VW0906SBL01

Tgt Ion:117 Resp: 284867
Ion Ratio Lower Upper
117 100
82 60.6 47.4 71.2
119 31.1 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: VW012683.D
Acq: 06 Sep 2019 11:31

Tgt Ion:152 Resp: 119474
Ion Ratio Lower Upper
152 100
115 59.2 30.1 90.3
150 156.1 0.0 345.8

