

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW083019\
 Data File : VW012354.D
 Acq On : 30 Aug 2019 17:00
 Operator : SY/VA
 Sample : k4620-24
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TB-06-082919

Quant Time: Aug 30 18:01:51 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	204704	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	342147	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	287119	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	122554	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	130262	53.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.06%	
35) Dibromofluoromethane	7.88	113	103435	50.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.30%	
50) Toluene-d8	10.32	98	418792	50.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.14%	
62) 4-Bromofluorobenzene	12.62	95	137989	47.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.54%	

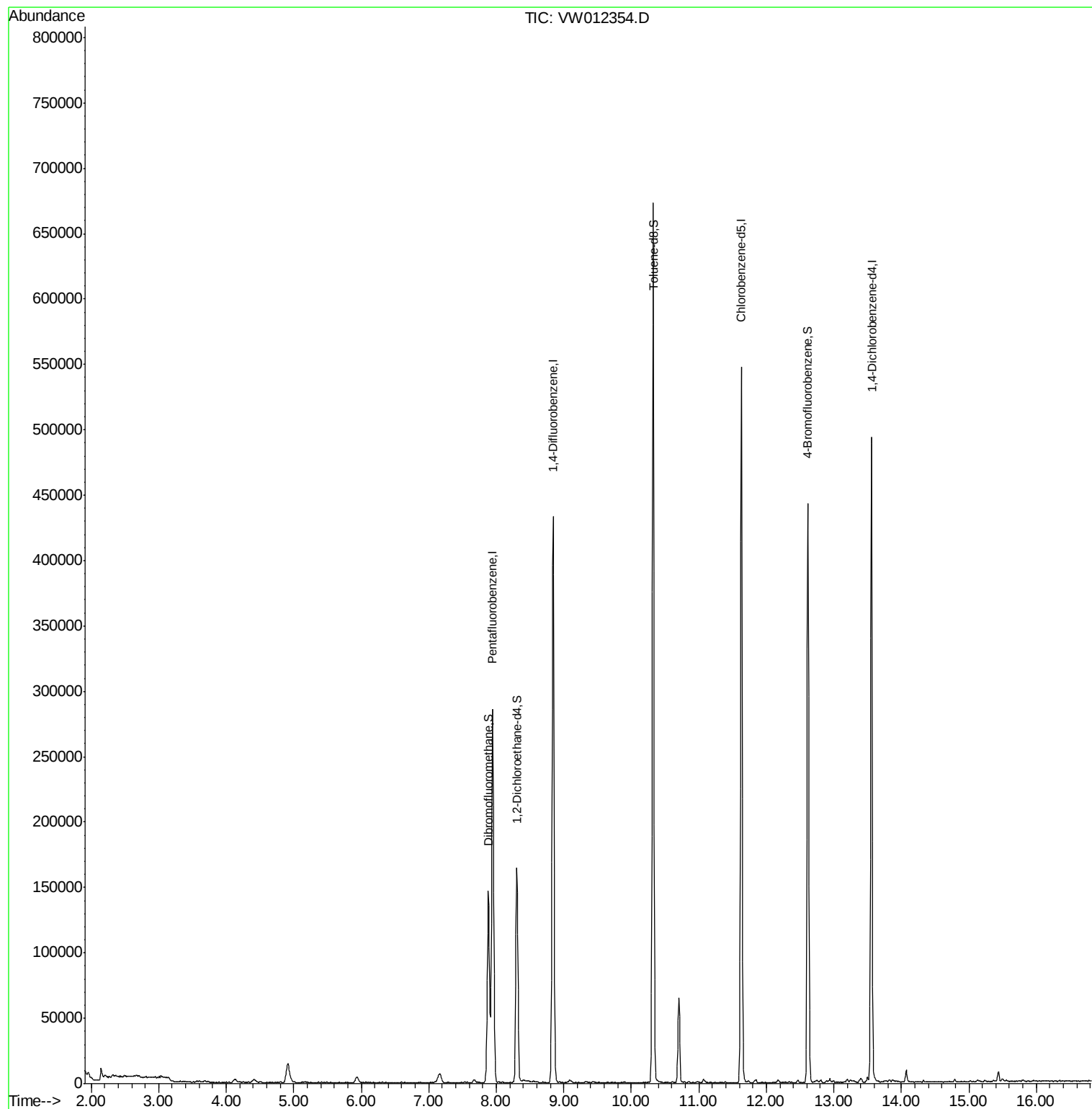
Target Compounds	Qvalue

(#) = 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

Lab File: VW012354.D

Acq: 30 Aug 2019 17:00

Instrument :

MSVOA_W

ClientSampleId :

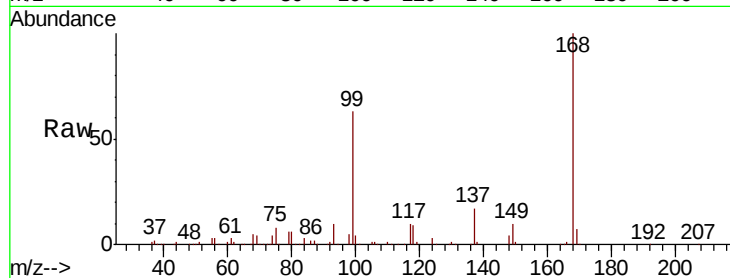
TB-06-082919

Tot Ion:168 Resp: 204704

Ion Ratio Lower Upper

168 100

99 63.3 49.2 73.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

60000

40000

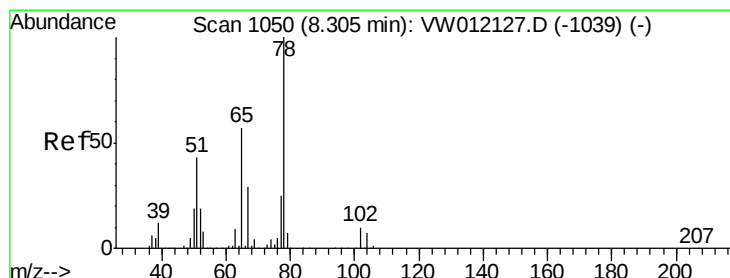
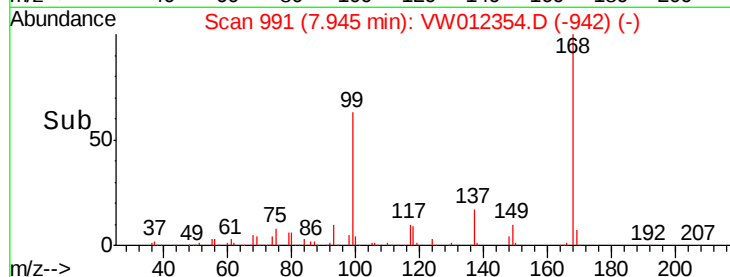
20000

0

7.90

8.00

Time-->



#33

1,2-Dichloroethane-d4

Concen: 53.530 ug/l

RT: 8.30 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW012354.D

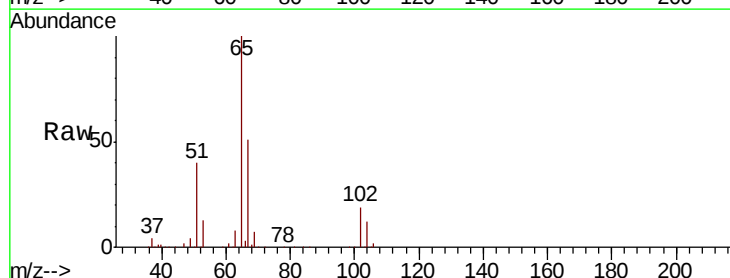
Acq: 30 Aug 2019 17:00

Tgt Ion: 65 Resp: 130262

Ion Ratio Lower Upper

65 100

67 51.7 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.30

60000

40000

20000

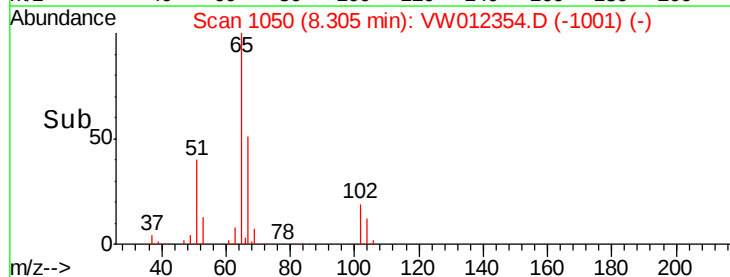
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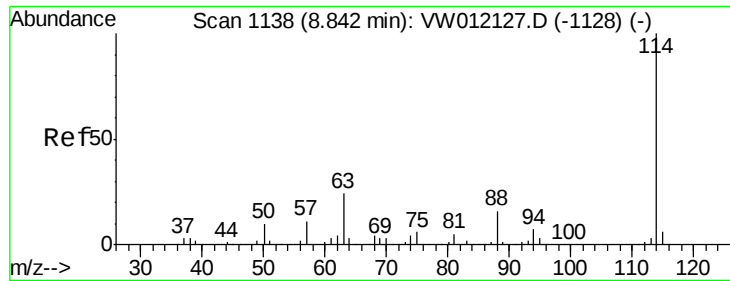
8.20

8.30

8.40

Time-->

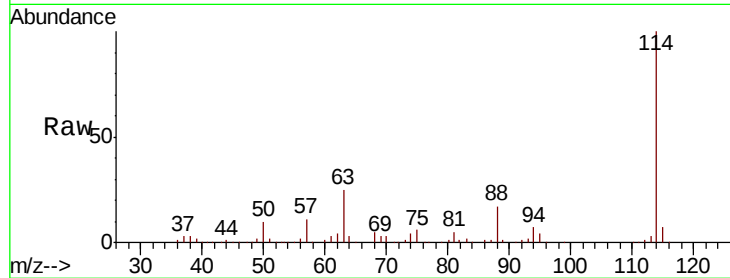




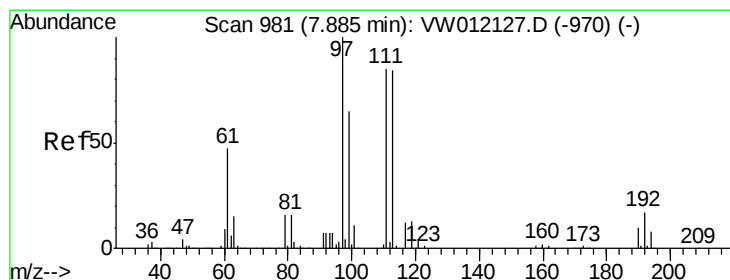
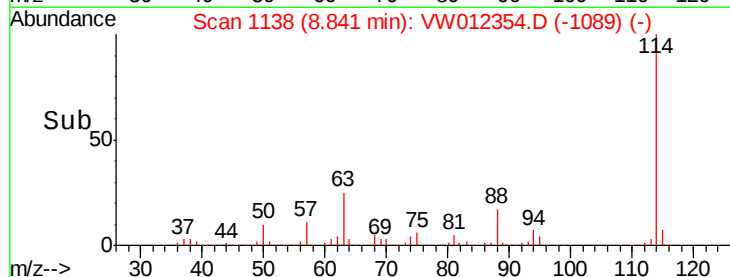
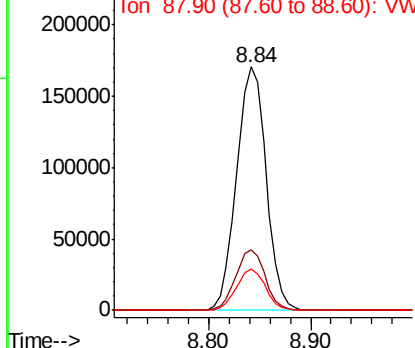
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. -0.00 min
Lab File: VW012354.D
Acq: 30 Aug 2019 17:00

Instrument :
MSVOA_W
ClientSampleId :
TB-06-082919

Tot Ion:114 Resp: 342147
Ion Ratio Lower Upper
114 100
63 25.0 0.0 48.6
88 17.0 0.0 32.2

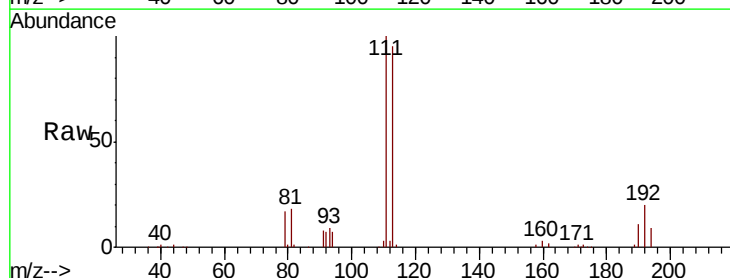


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VW
Ion 87.90 (87.60 to 88.60): VW

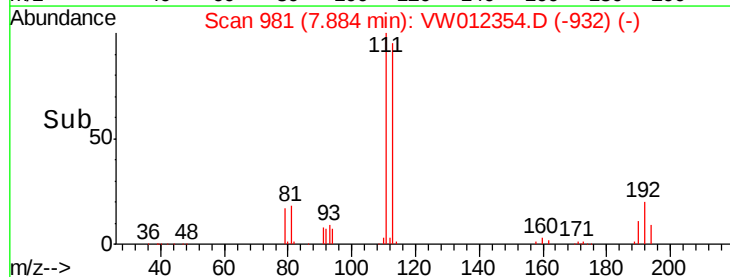
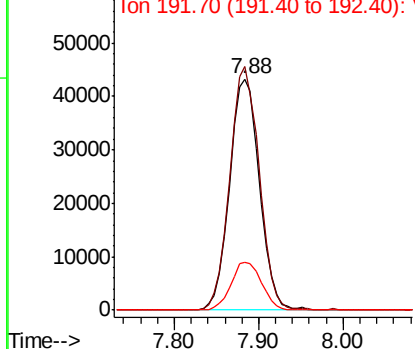


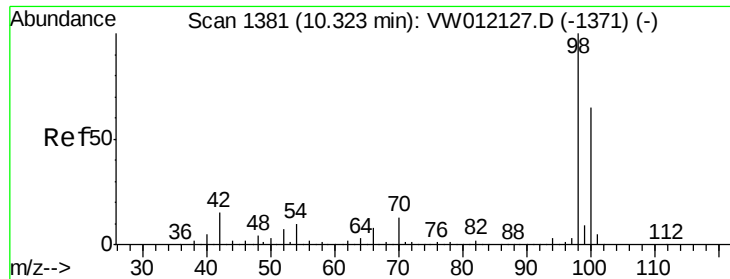
#35
Dibromofluoromethane
Concen: 50.647 ug/l
RT: 7.88 min Scan# 981
Delta R.T. -0.00 min
Lab File: VW012354.D
Acq: 30 Aug 2019 17:00

Tgt Ion:113 Resp: 103435
Ion Ratio Lower Upper
113 100
111 104.3 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: 50.573 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW012354.D

Acq: 30 Aug 2019 17:00

Instrument :

MSVOA_W

ClientSampled :

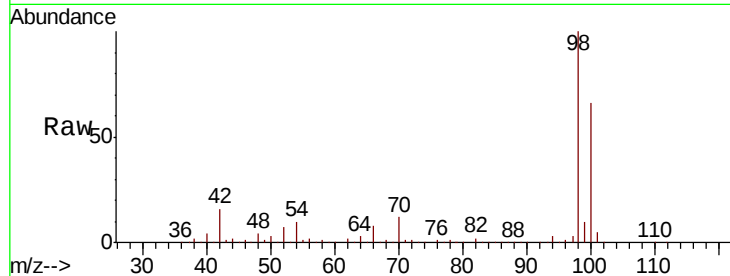
TB-06-082919

Tot Ion: 98 Resp: 418792

Ion Ratio Lower Upper

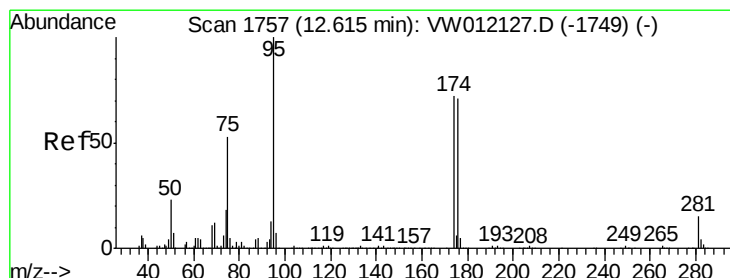
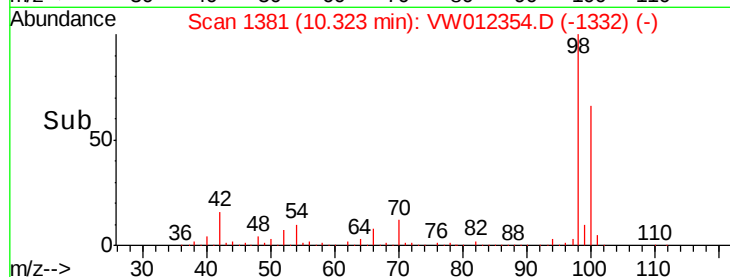
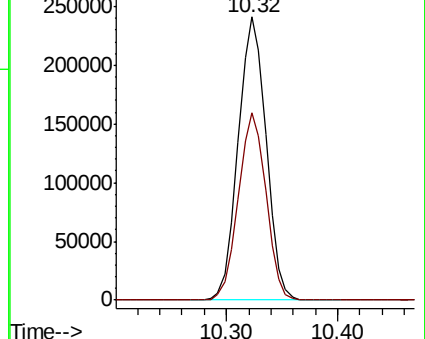
98 100

100 65.5 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: 47.273 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW012354.D

Acq: 30 Aug 2019 17:00

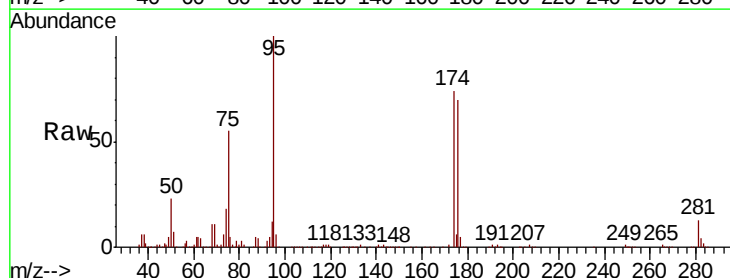
Tgt Ion: 95 Resp: 137989

Ion Ratio Lower Upper

95 100

174 76.8 0.0 150.8

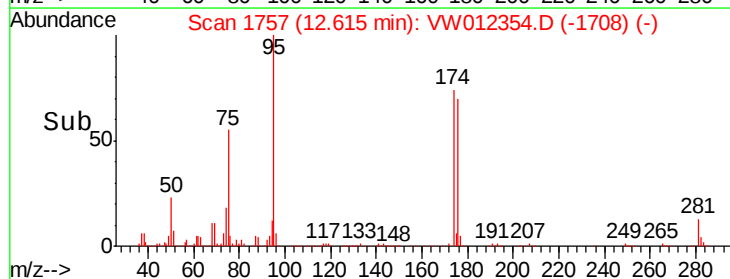
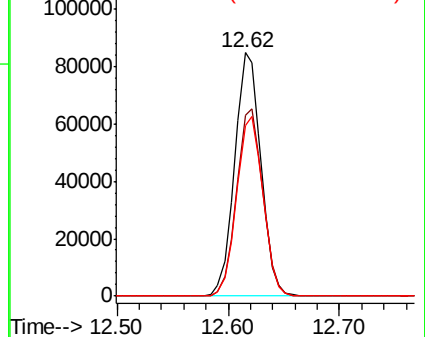
176 74.3 0.0 148.6

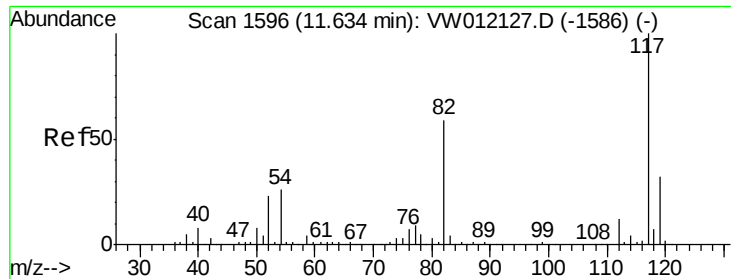


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

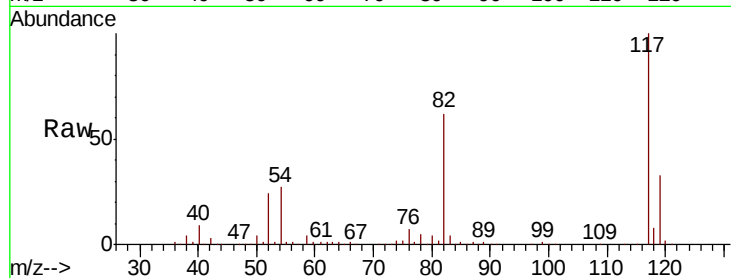




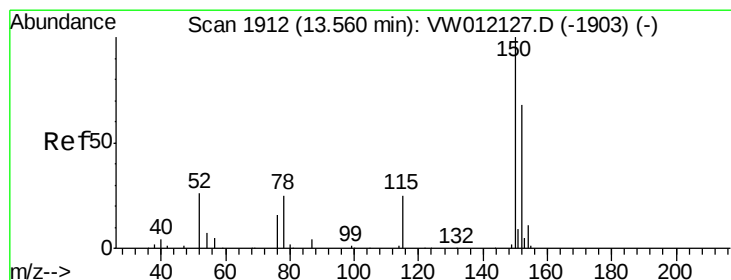
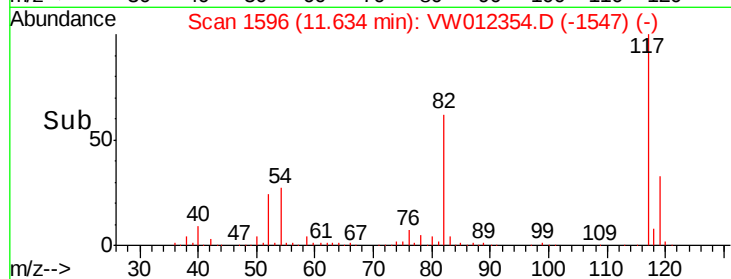
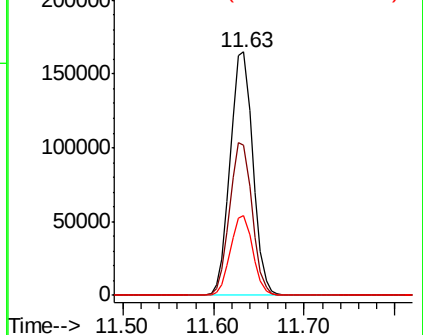
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW012354.D
Acq: 30 Aug 2019 17:00

Instrument :
MSVOA_W
ClientSampleId :
TB-06-082919

Tot Ion:117 Resp: 287119
Ion Ratio Lower Upper
117 100
82 61.7 47.4 71.2
119 32.9 25.4 38.2

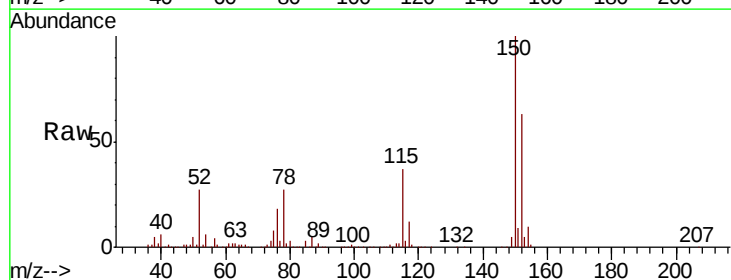


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW012354.D
Acq: 30 Aug 2019 17:00

Tgt Ion:152 Resp: 122554
Ion Ratio Lower Upper
152 100
115 60.2 30.1 90.3
150 156.9 0.0 345.8



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

