

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090919\
 Data File : VW012854.D
 Acq On : 10 Sep 2019 06:14
 Operator : SY/VA
 Sample : K4644-14
 Misc : 2.97G/5ML/MSVOA W/SOIL
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 T11-E2-(4)

Quant Time: Sep 10 08:20:09 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090719S.M
 Quant Title : SW846 8260
 QLast Update : Sun Sep 08 05:04:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	255772	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	386447	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	275503	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	67867	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	135116	47.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.56%	
35) Dibromofluoromethane	7.88	113	112348	48.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.80%	
50) Toluene-d8	10.32	98	435063	48.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.66%	
62) 4-Bromofluorobenzene	12.62	95	103415	31.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	63.30%	

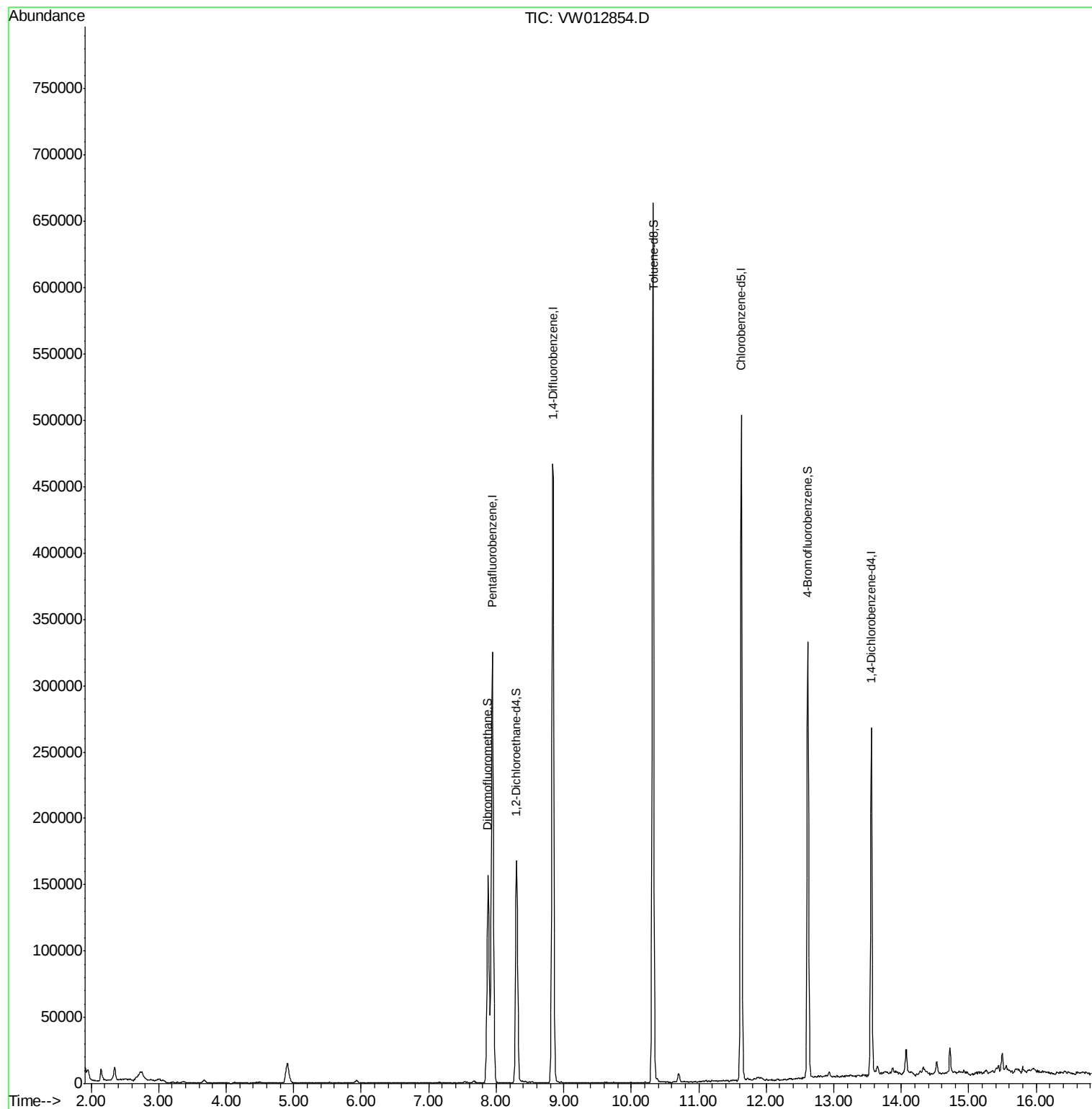
Target Compounds	Qvalue

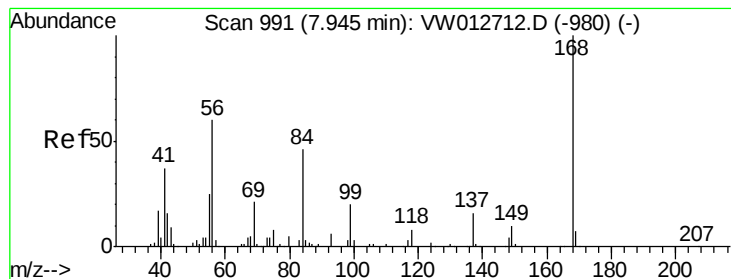
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW012854.D

Acq: 10 Sep 2019 06:14

Instrument :

MSVOA_W

ClientSampled :

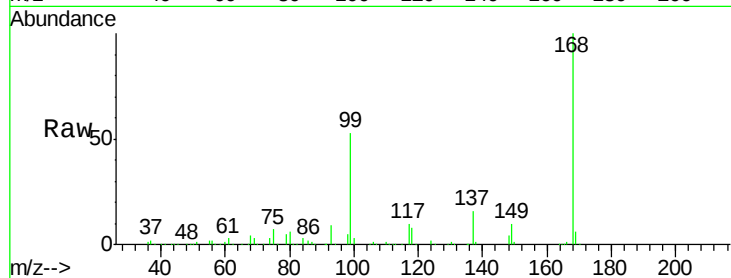
T11-E2-(4)

Tot Ion:168 Resp: 255772

Ion Ratio Lower Upper

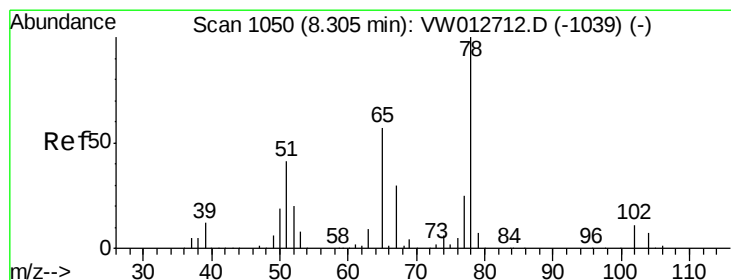
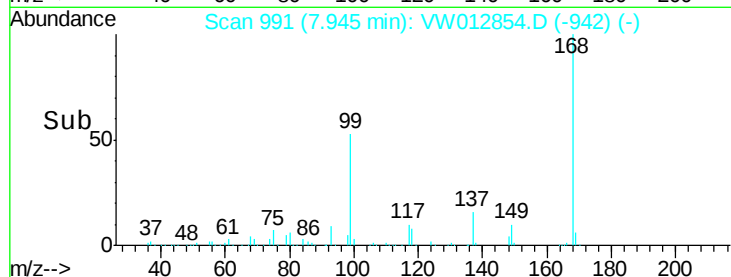
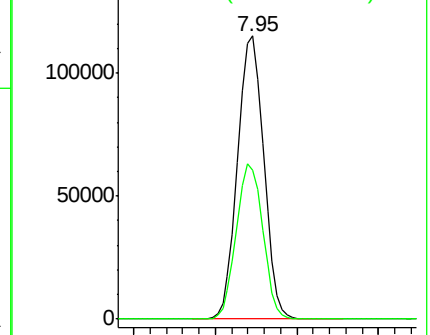
168 100

99 52.7 47.8 71.6



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: 47.279 ug/l

RT: 8.30 min Scan# 1049

Delta R.T. -0.01 min

Lab File: VW012854.D

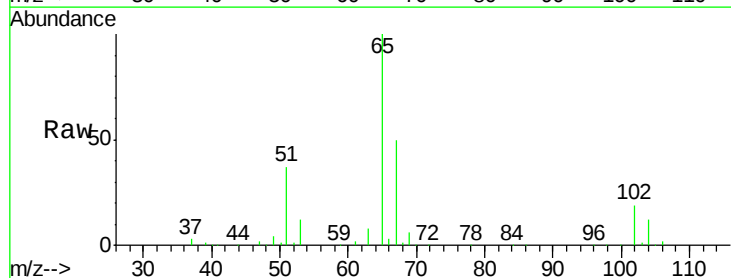
Acq: 10 Sep 2019 06:14

Tgt Ion: 65 Resp: 135116

Ion Ratio Lower Upper

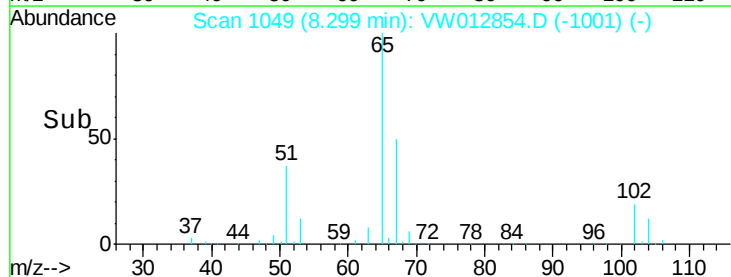
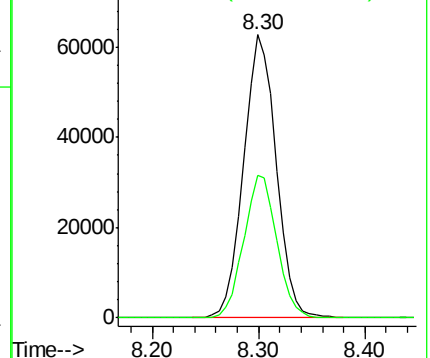
65 100

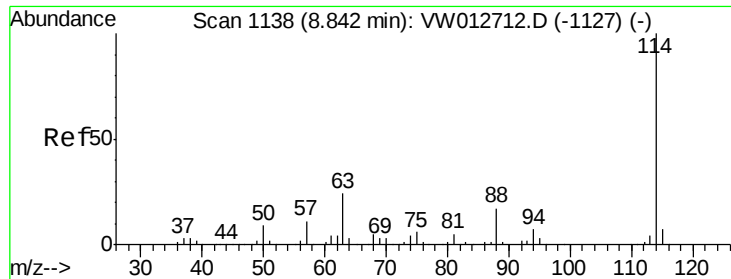
67 51.2 0.0 101.8



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

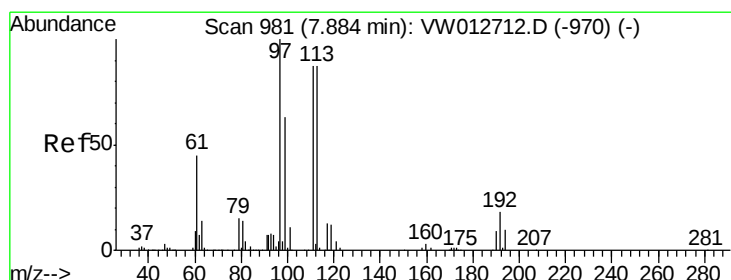
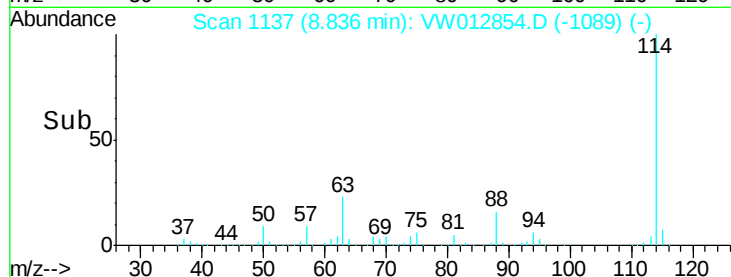
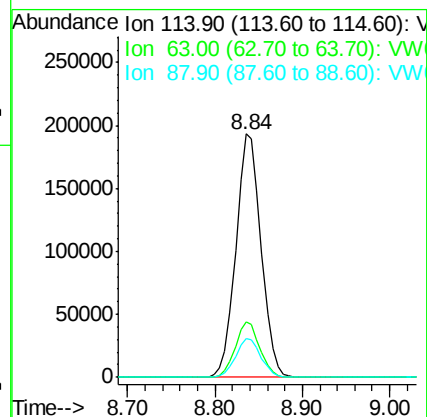
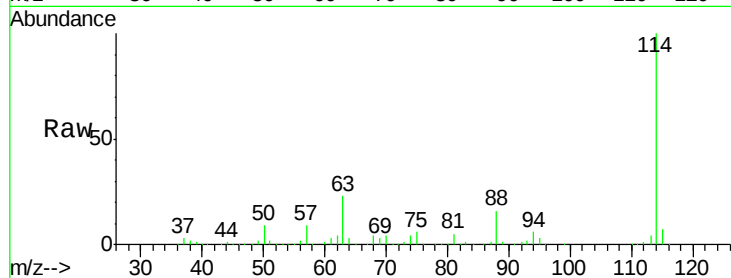




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1137
 Delta R.T. -0.01 min
 Lab File: VW012854.D
 Acq: 10 Sep 2019 06:14

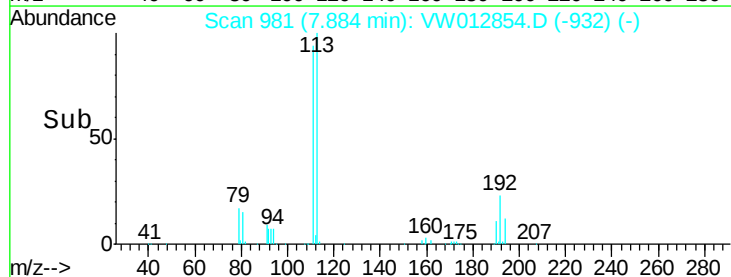
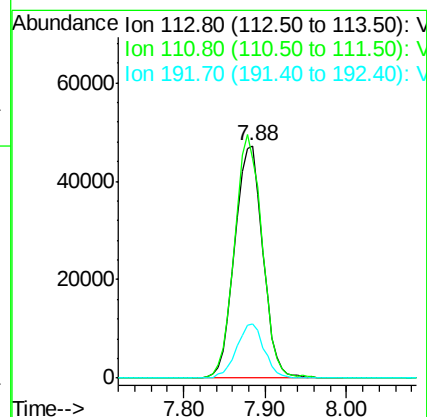
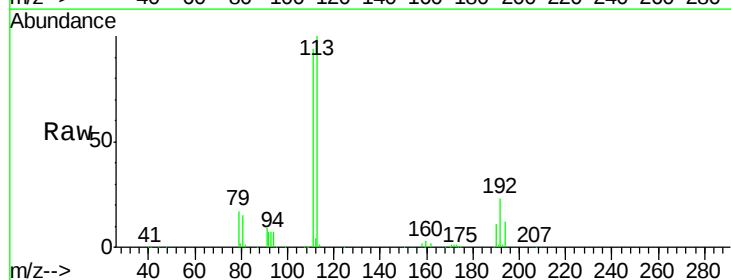
Instrument :
 MSVOA_W
 ClientSampleId :
 T11-E2-(4)

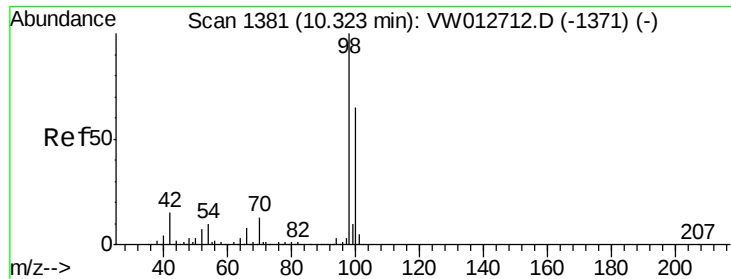
Tot Ion:114 Resp: 386447
 Ion Ratio Lower Upper
 114 100
 63 22.7 0.0 47.2
 88 16.0 0.0 34.0



#35
 Dibromofluoromethane
 Concen: 48.899 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW012854.D
 Acq: 10 Sep 2019 06:14

Tgt Ion:113 Resp: 112348
 Ion Ratio Lower Upper
 113 100
 111 102.8 80.2 120.4
 192 22.9 17.3 25.9





#50

Toluene-d8

Concen: 48.334 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW012854.D

Acq: 10 Sep 2019 06:14

Instrument :

MSVOA_W

ClientSampled :

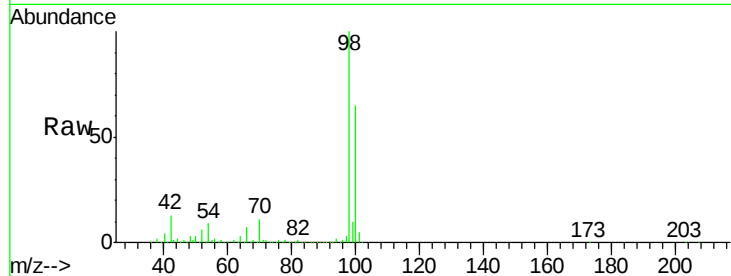
T11-E2-(4)

Tot Ion: 98 Resp: 435063

Ion Ratio Lower Upper

98 100

100 65.1 52.2 78.4



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

10.32

250000

200000

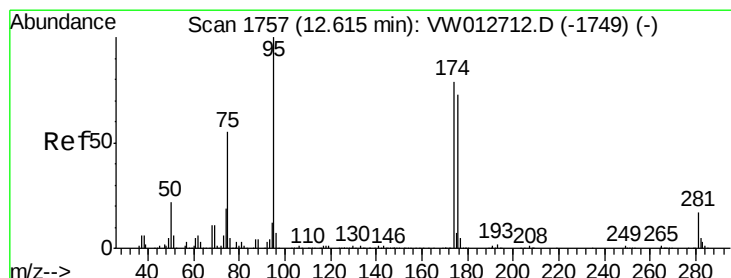
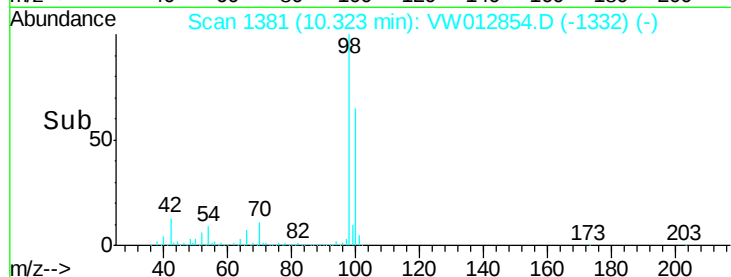
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 31.648 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VW012854.D

Acq: 10 Sep 2019 06:14

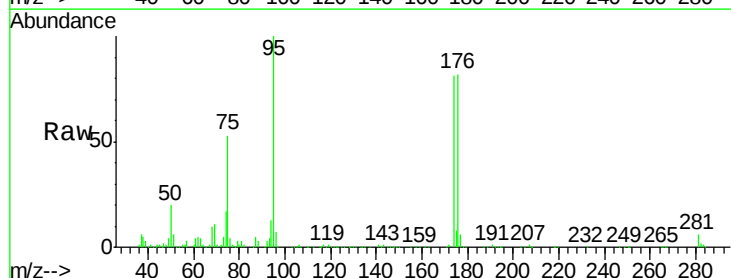
Tgt Ion: 95 Resp: 103415

Ion Ratio Lower Upper

95 100

174 83.4 0.0 161.0

176 81.7 0.0 156.4



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

12.62

80000

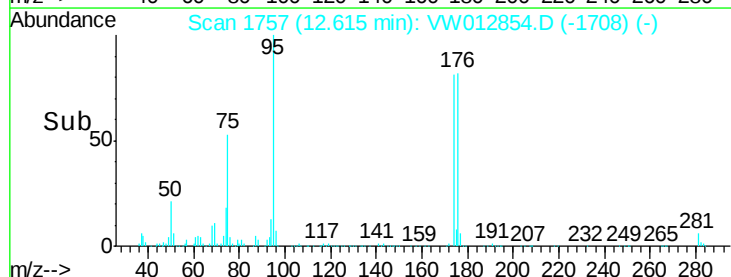
60000

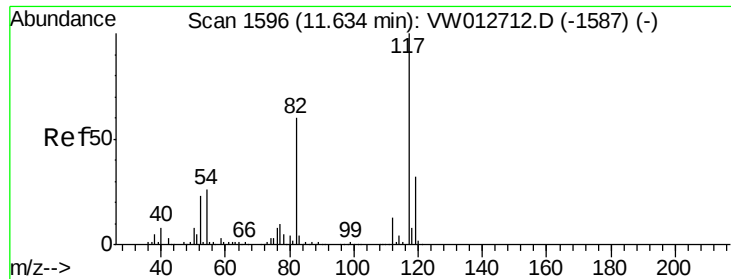
40000

20000

0

Time-->

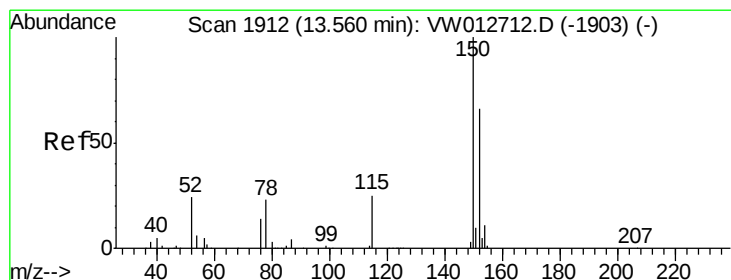
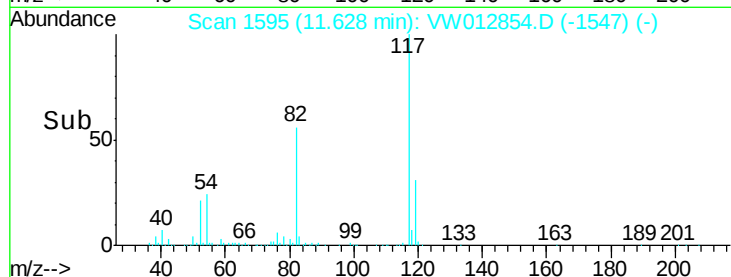
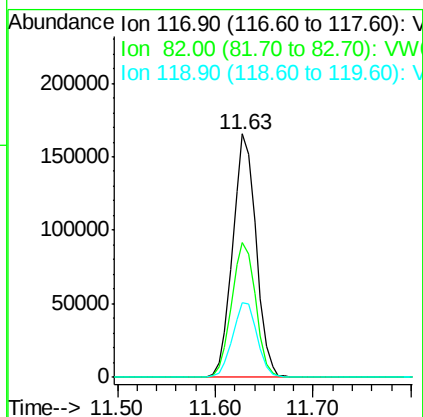
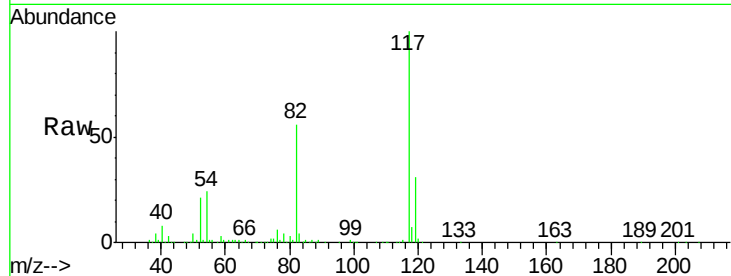




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012854.D
Acq: 10 Sep 2019 06:14

Instrument :
MSVOA_W
ClientSampleId :
T11-E2-(4)

Tot Ion:117 Resp: 275503
Ion Ratio Lower Upper
117 100
82 55.6 48.2 72.4
119 30.7 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW012854.D
Acq: 10 Sep 2019 06:14

Tgt Ion:152 Resp: 67867
Ion Ratio Lower Upper
152 100
115 59.9 30.0 90.1
150 157.3 0.0 349.0

