

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091719\
 Data File : VW013089.D
 Acq On : 17 Sep 2019 14:47
 Operator : SY/VA
 Sample : K4861-02
 Misc : 3.92G/5ML/MSVOA W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-11-S2(3.5-4)

Quant Time: Sep 18 06:43:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091419S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 13 17:26:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	312439	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	480399	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	413625	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	178163	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	161073	55.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.64%	
35) Dibromofluoromethane	7.88	113	135086	51.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.64%	
50) Toluene-d8	10.32	98	582251	57.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.16%	
62) 4-Bromofluorobenzene	12.62	95	185927	50.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.38%	

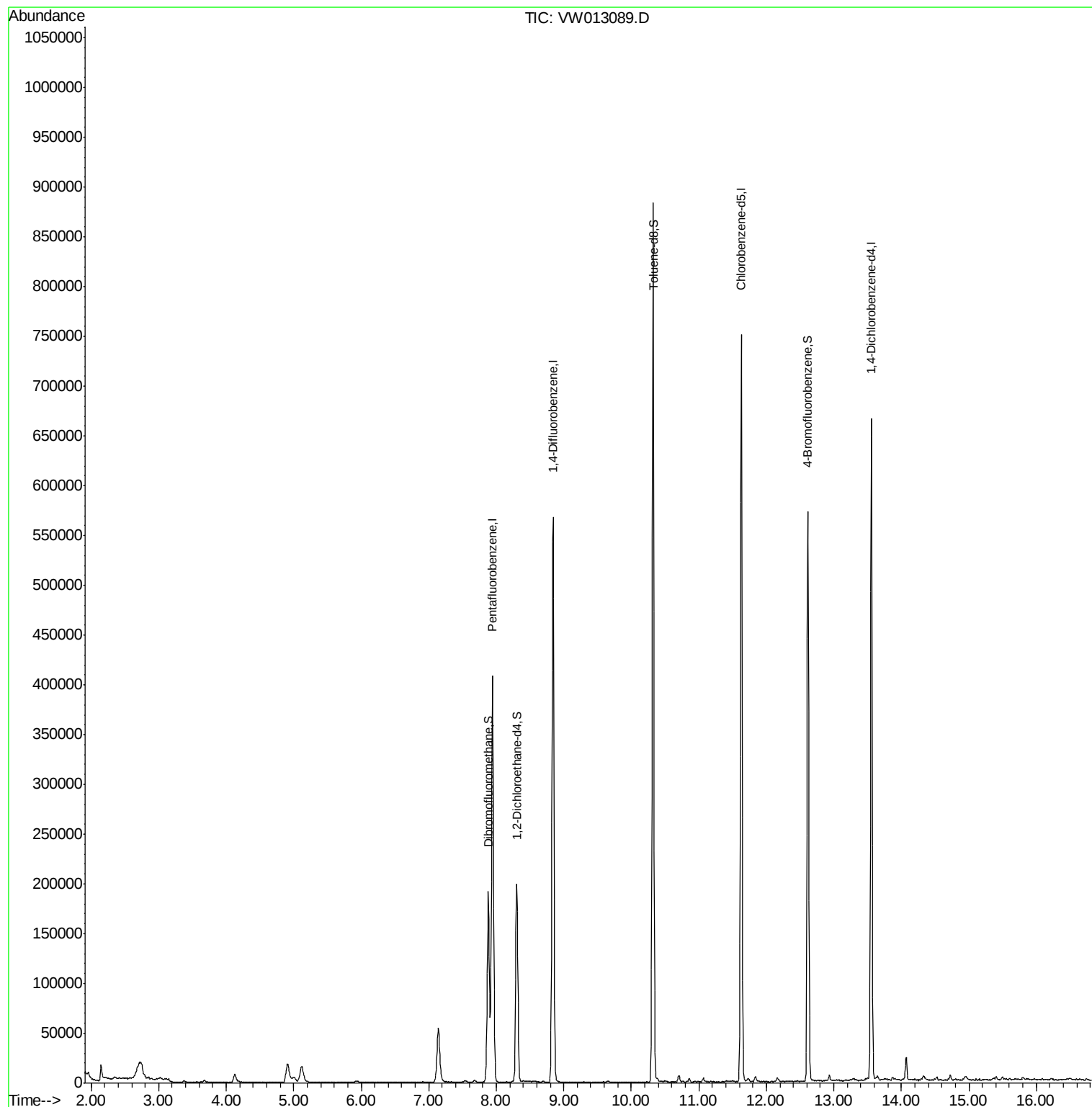
Target Compounds	Qvalue

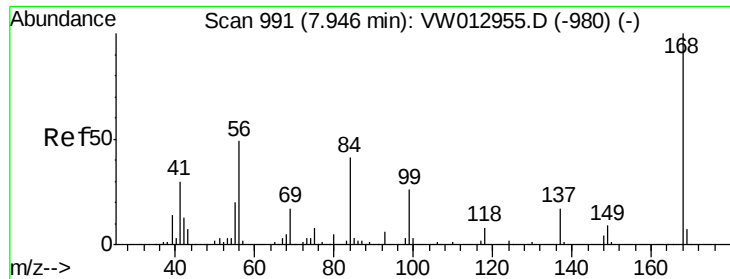
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW091719\
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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: VW013089.D

Acq: 17 Sep 2019 14:47

Instrument :

MSVOA_W

ClientSampleId :

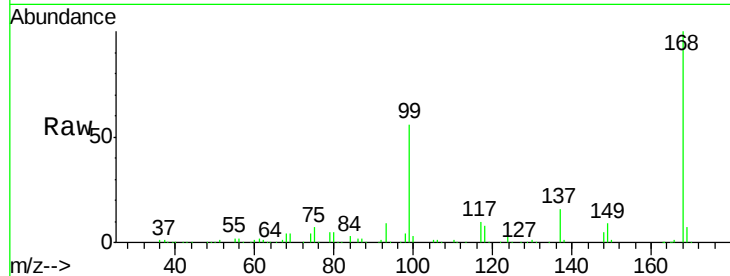
TP-11-S2(3.5-4)

Tot Ion:168 Resp: 312439

Ion Ratio Lower Upper

168 100

99 56.1 46.2 69.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

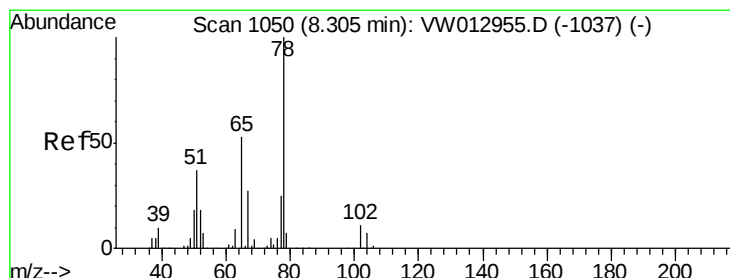
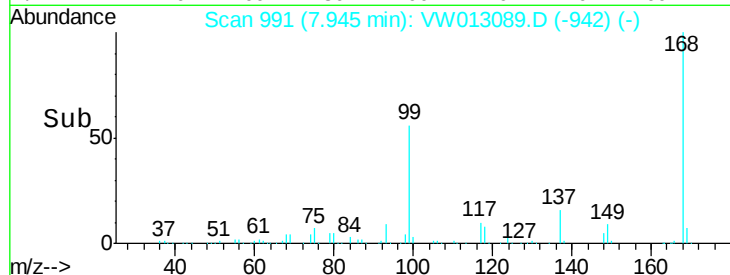
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 55.820 ug/l

RT: 8.30 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW013089.D

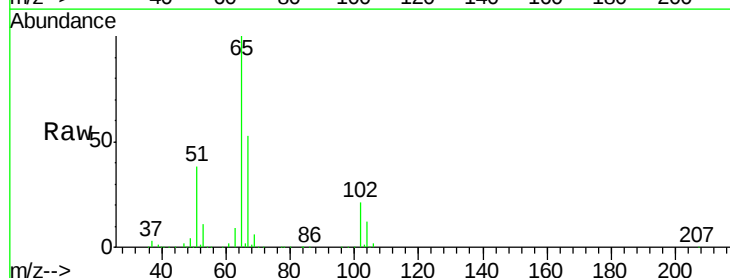
Acq: 17 Sep 2019 14:47

Tgt Ion: 65 Resp: 161073

Ion Ratio Lower Upper

65 100

67 50.8 0.0 101.2



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.30

80000

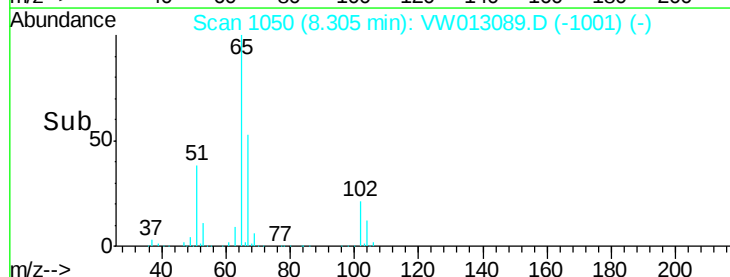
60000

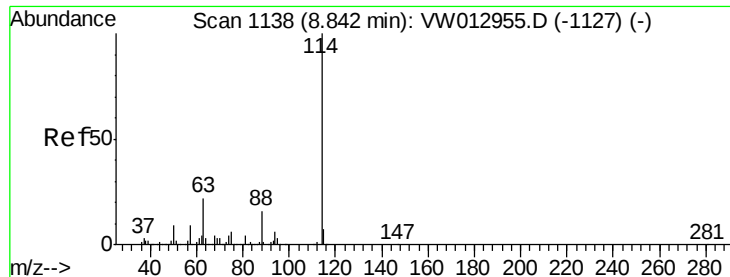
40000

20000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW013089.D

Acq: 17 Sep 2019 14:47

Instrument :

MSVOA_W

ClientSampleId :

TP-11-S2(3.5-4)

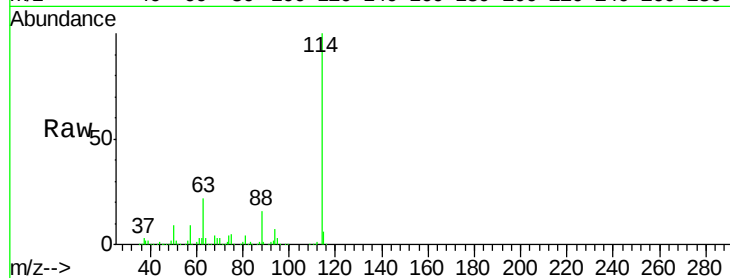
Tot Ion:114 Resp: 480399

Ion Ratio Lower Upper

114 100

63 21.7 0.0 43.4

88 16.1 0.0 31.6



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

8.84

250000

200000

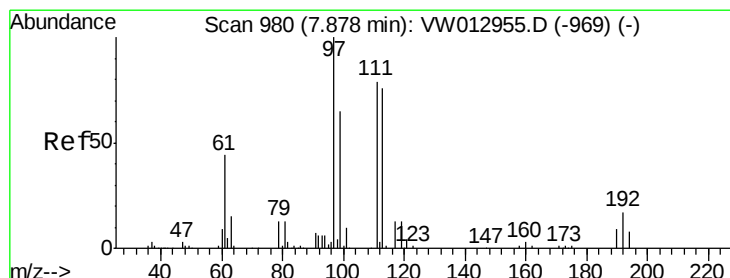
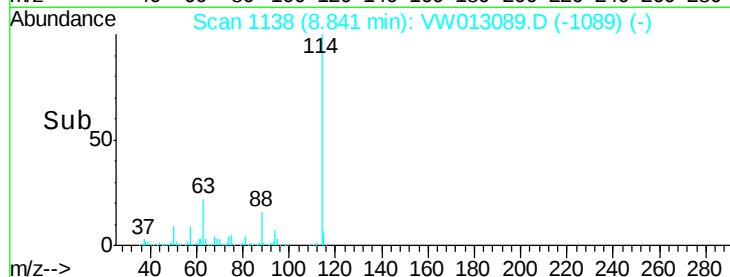
150000

100000

50000

0

Time--> 8.70 8.80 8.90



#35

Dibromofluoromethane

Concen: 51.823 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.01 min

Lab File: VW013089.D

Acq: 17 Sep 2019 14:47

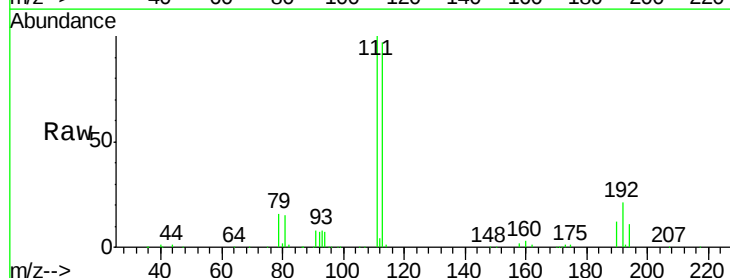
Tgt Ion:113 Resp: 135086

Ion Ratio Lower Upper

113 100

111 104.8 82.8 124.2

192 22.1 17.8 26.8



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

7.88

80000

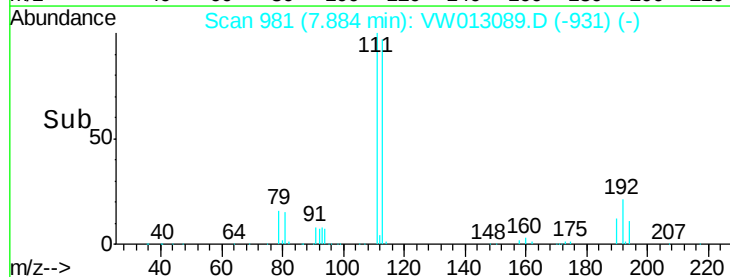
60000

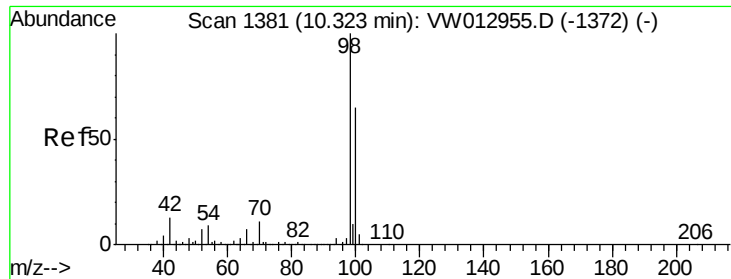
40000

20000

0

Time--> 7.80 7.90 8.00





#50

Toluene-d8

Concen: 57.082 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW013089.D

Acq: 17 Sep 2019 14:47

Instrument :

MSVOA_W

ClientSampleId :

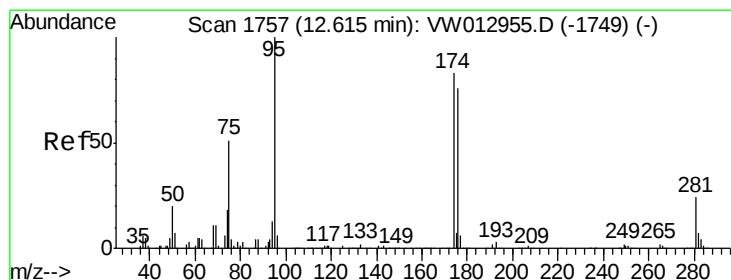
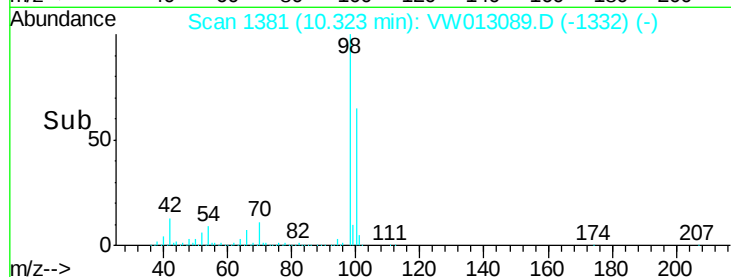
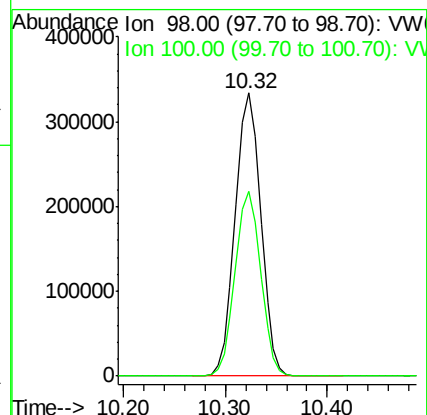
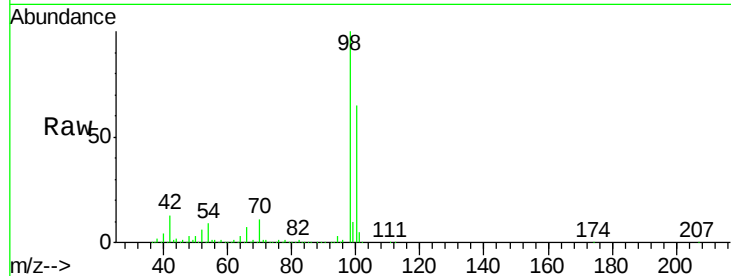
TP-11-S2(3.5-4)

Tot Ion: 98 Resp: 582251

Ion Ratio Lower Upper

98 100

100 65.0 52.1 78.1



#62

4-Bromofluorobenzene

Concen: 50.692 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW013089.D

Acq: 17 Sep 2019 14:47

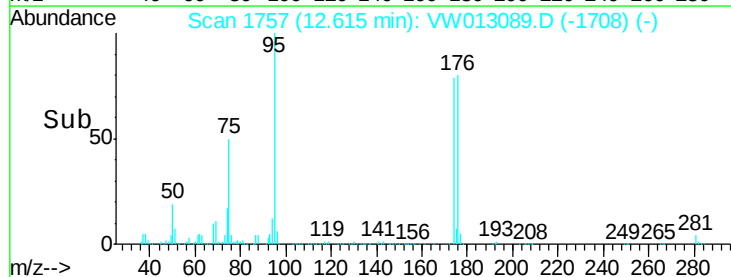
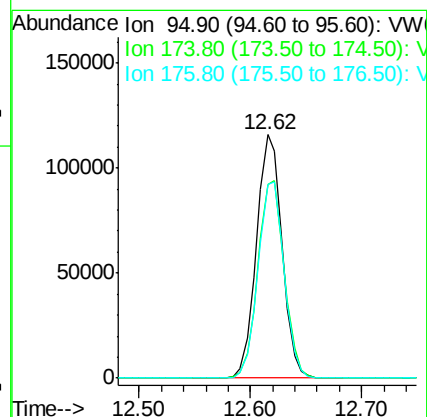
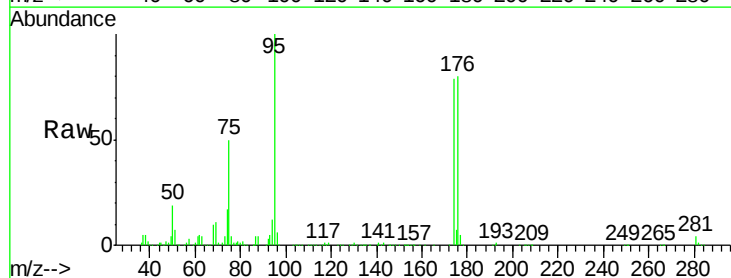
Tgt Ion: 95 Resp: 185927

Ion Ratio Lower Upper

95 100

174 83.3 0.0 170.4

176 82.3 0.0 164.6

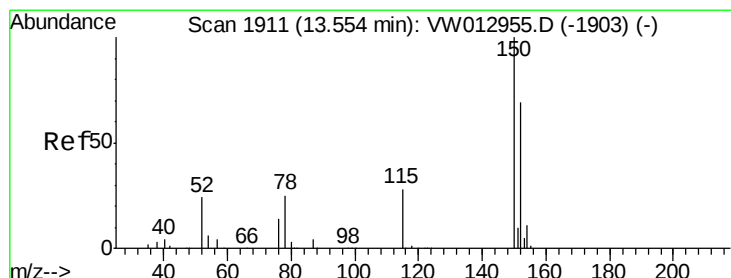
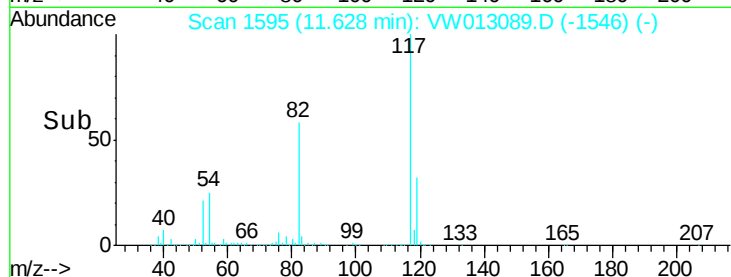
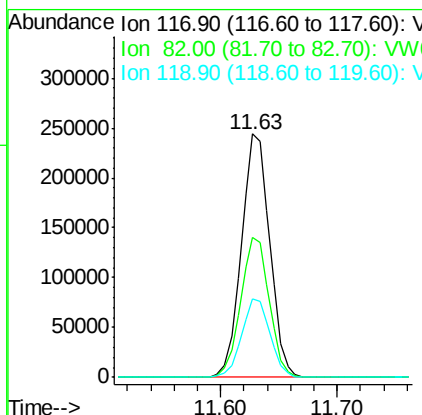
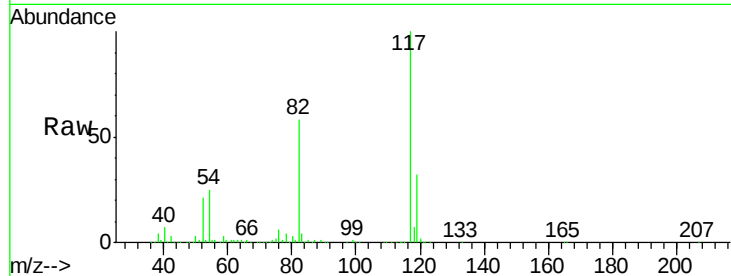




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.00 min
Lab File: VW013089.D
Acq: 17 Sep 2019 14:47

Instrument :
MSVOA_W
ClientSampleId :
TP-11-S2(3.5-4)

Tot Ion:117 Resp: 413625
Ion Ratio Lower Upper
117 100
82 57.6 46.3 69.5
119 32.3 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.01 min
Lab File: VW013089.D
Acq: 17 Sep 2019 14:47

Tgt Ion:152 Resp: 178163
Ion Ratio Lower Upper
152 100
115 57.7 28.8 86.4
150 156.8 0.0 340.2

