

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW080419\
 Data File : VW011681.D
 Acq On : 03 Aug 2019 23:33
 Operator : SY/VA
 Sample : VW0804SBL02
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0804SBL02

Quant Time: Aug 04 02:40:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W072719S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 27 00:23:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	213132	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	359332	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	300966	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	124852	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	138964	56.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.56%	
35) Dibromofluoromethane	7.88	113	110709	54.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.84%	
50) Toluene-d8	10.32	98	440970	53.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.86%	
62) 4-Bromofluorobenzene	12.62	95	143143	48.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.28%	

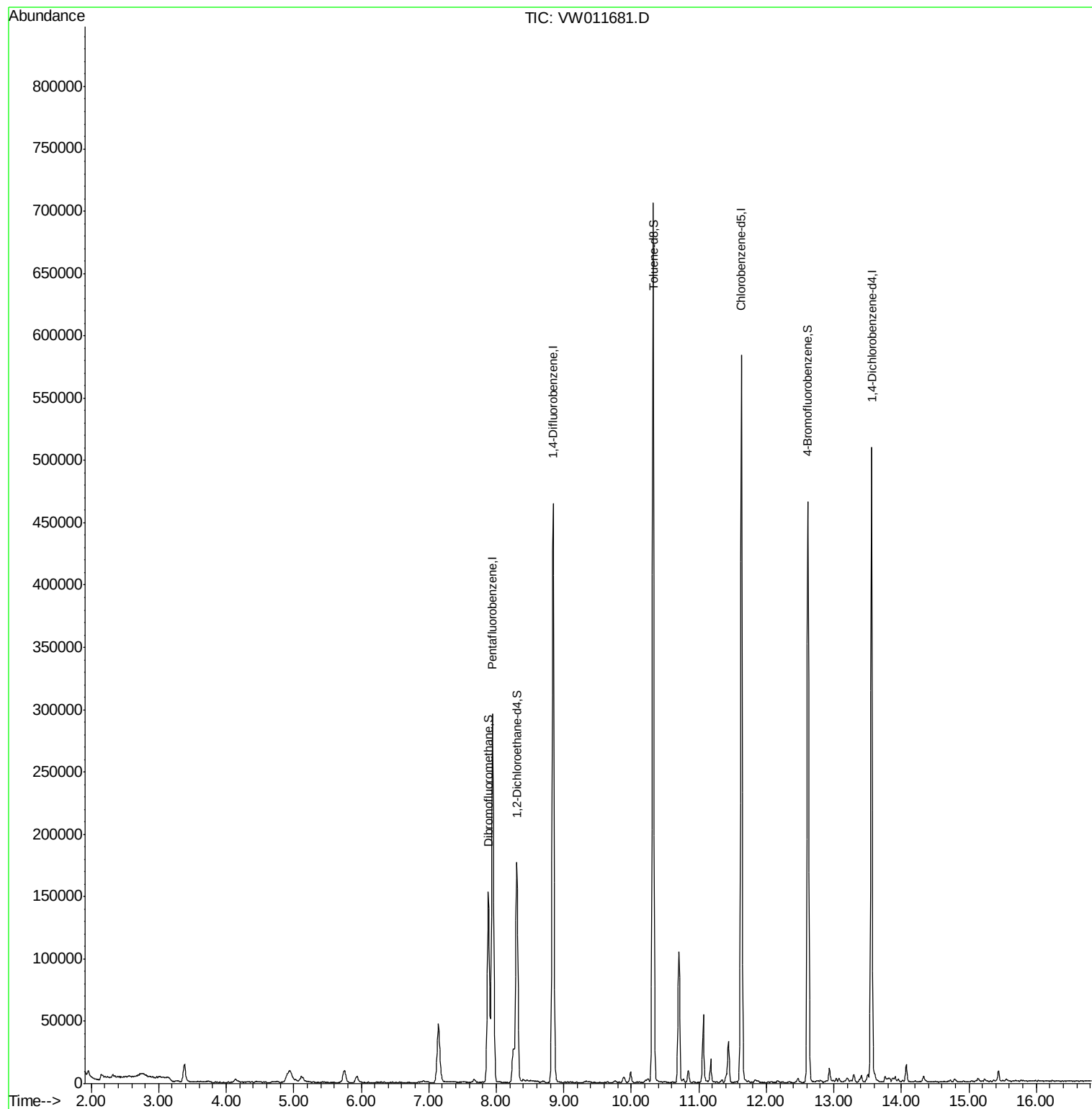
Target Compounds	Qvalue
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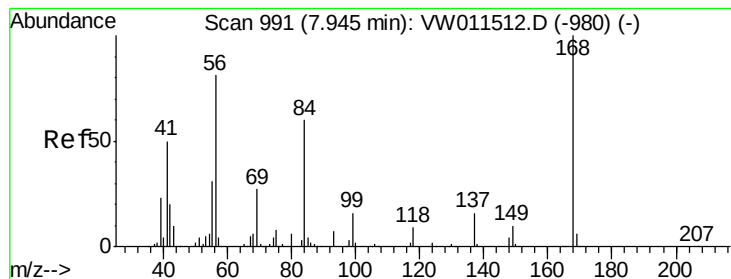
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sat Jul 27 00:23:30 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW011681.D

Acq: 03 Aug 2019 23:33

Instrument :

MSVOA_W

ClientSampled :

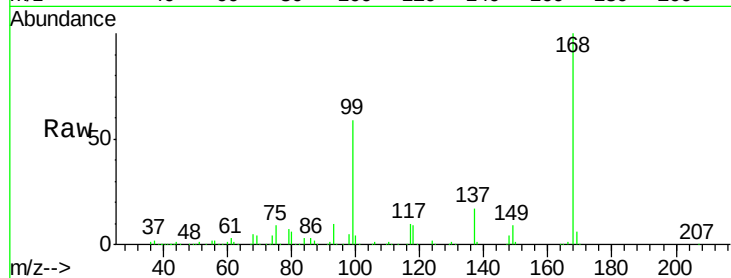
VW0804SBL02

Tot Ion:168 Resp: 213132

Ion Ratio Lower Upper

168 100

99 59.4 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

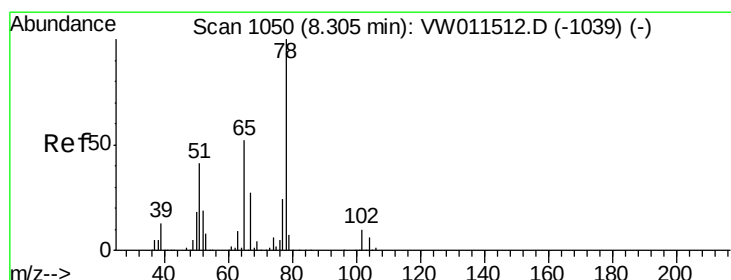
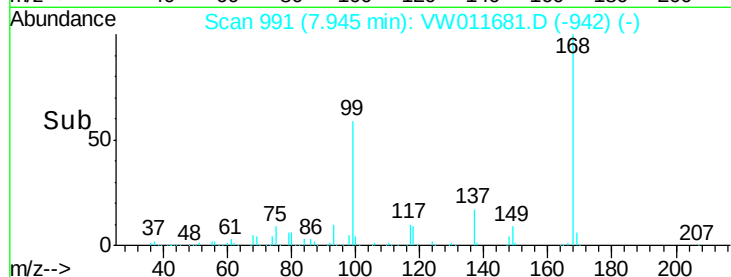
60000

40000

20000

0

Time--> 7.80 7.90 8.00



#33

1,2-Dichloroethane-d4

Concen: 56.781 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW011681.D

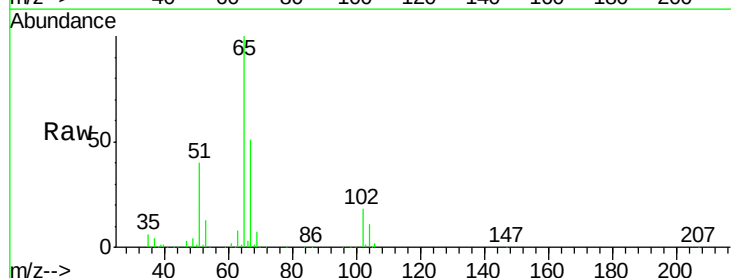
Acq: 03 Aug 2019 23:33

Tgt Ion: 65 Resp: 138964

Ion Ratio Lower Upper

65 100

67 51.7 0.0 105.2



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.31

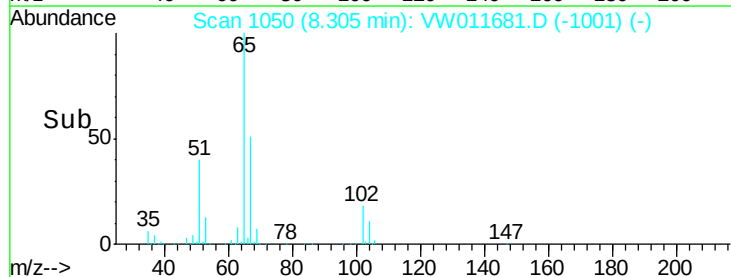
60000

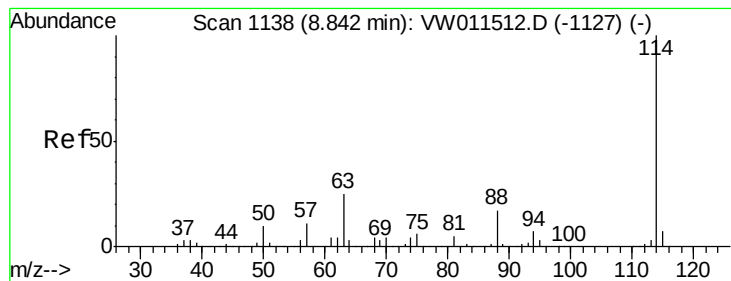
40000

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: VW011681.D

Acq: 03 Aug 2019 23:33

Instrument :

MSVOA_W

ClientSampleId :

VW0804SBL02

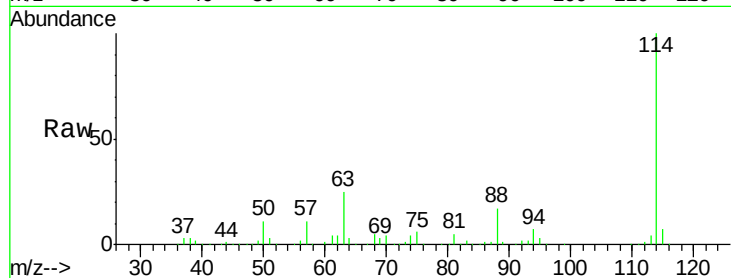
Tot Ion:114 Resp: 359332

Ion Ratio Lower Upper

114 100

63 24.9 0.0 49.2

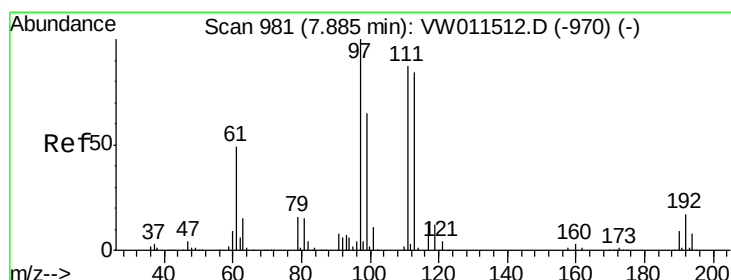
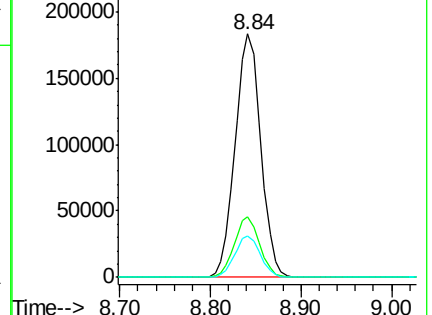
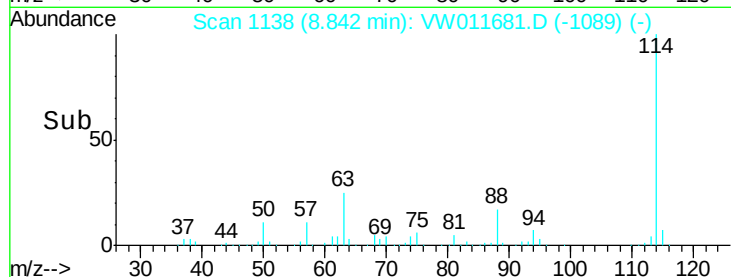
88 16.7 0.0 33.8



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: 54.917 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW011681.D

Acq: 03 Aug 2019 23:33

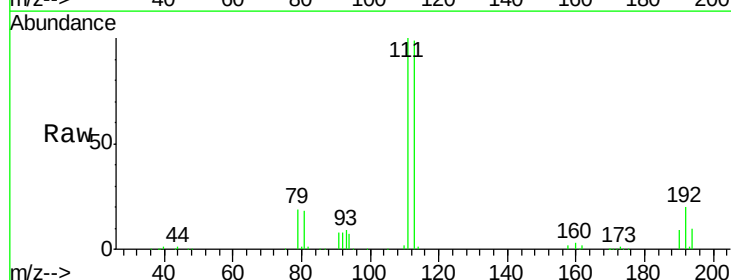
Tgt Ion:113 Resp: 110709

Ion Ratio Lower Upper

113 100

111 102.2 82.7 124.1

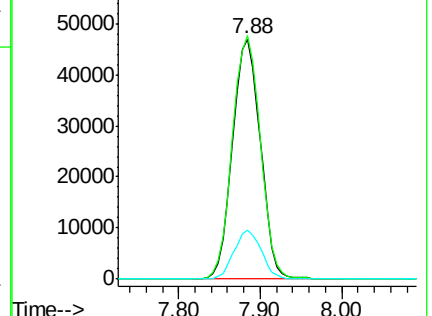
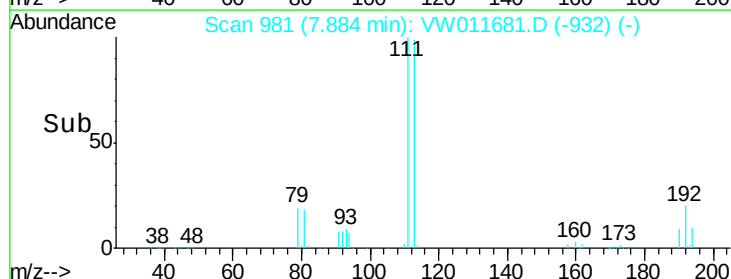
192 20.0 16.1 24.1

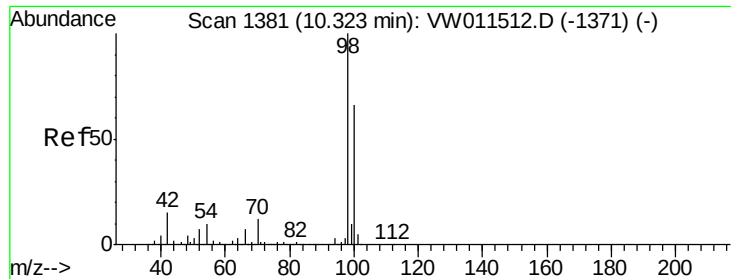


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 53.427 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW011681.D

Acq: 03 Aug 2019 23:33

Instrument :

MSVOA_W

ClientSampleId :

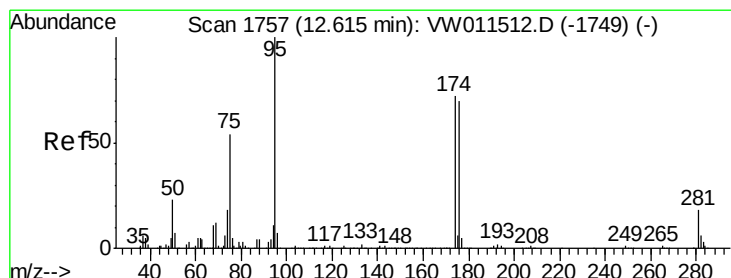
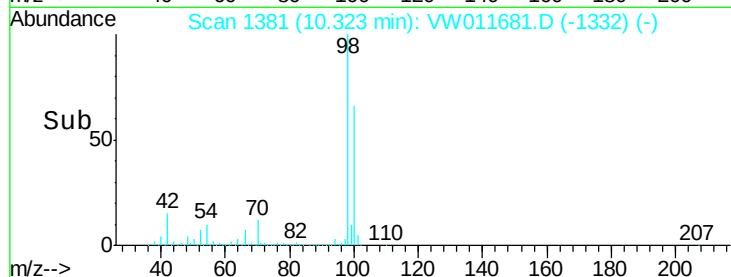
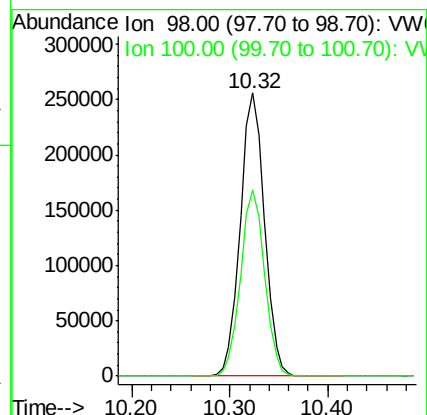
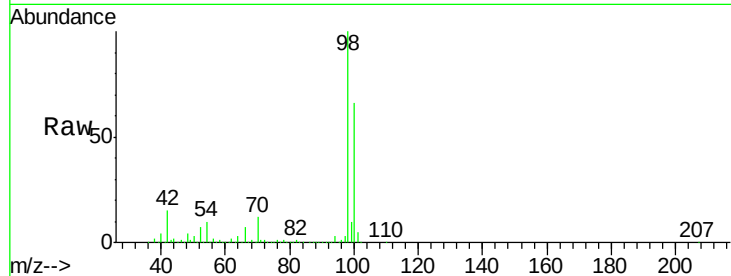
VW0804SBL02

Tot Ion: 98 Resp: 440970

Ion Ratio Lower Upper

98 100

100 65.3 52.7 79.1



#62

4-Bromofluorobenzene

Concen: 48.645 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW011681.D

Acq: 03 Aug 2019 23:33

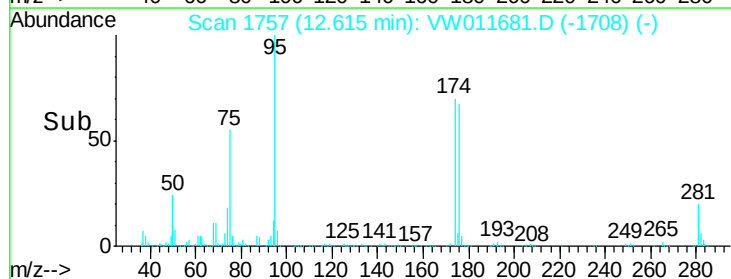
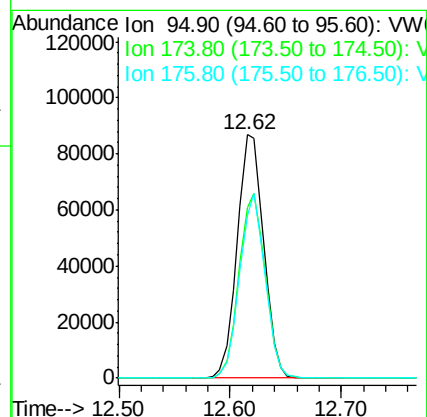
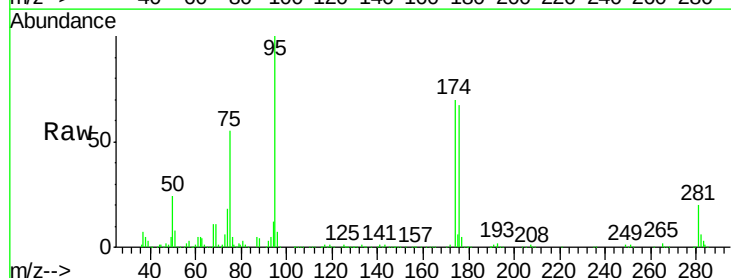
Tgt Ion: 95 Resp: 143143

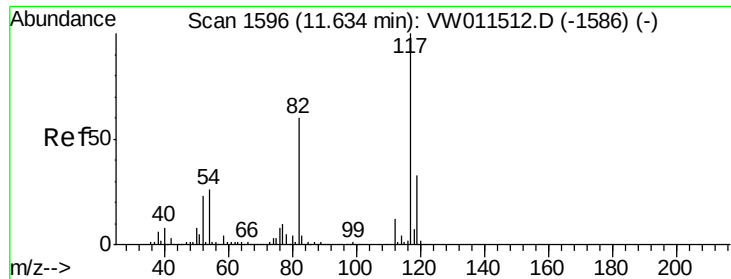
Ion Ratio Lower Upper

95 100

174 75.1 0.0 150.2

176 72.7 0.0 144.4

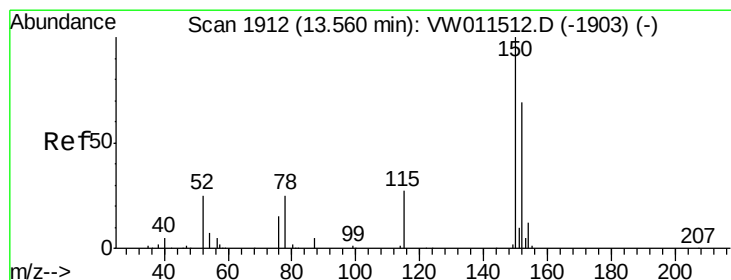
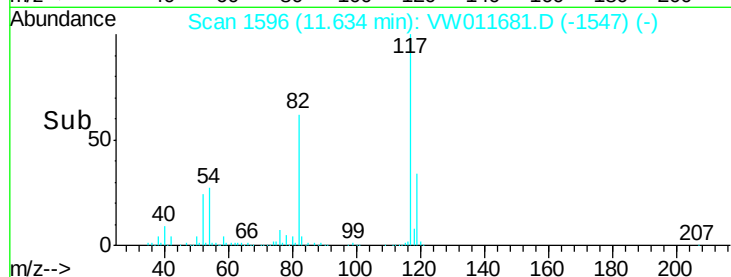
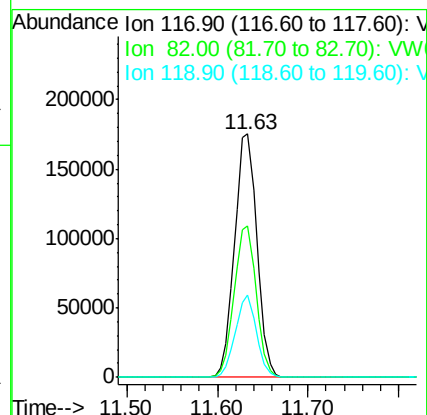
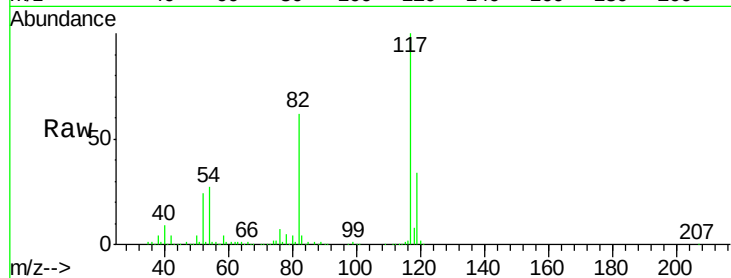




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW011681.D
Acq: 03 Aug 2019 23:33

Instrument :
MSVOA_W
ClientSampleId :
VW0804SBL02

Tot Ion	Ratio	Lower	Upper
117	100		
82	62.4	47.9	71.9
119	33.9	26.2	39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW011681.D
Acq: 03 Aug 2019 23:33

Tgt Ion	Ratio	Lower	Upper
152	100		
115	61.0	30.5	91.5
150	157.0	0.0	352.6

