

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082019\
 Data File : VW012019.D
 Acq On : 20 Aug 2019 09:41
 Operator : SY/VA
 Sample : VW0820SBL01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0820SBL01

Quant Time: Aug 20 12:50:07 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	249296	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	415057	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	348369	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	147015	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.30	65	143917	50.27	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	100.54%	
35) Dibromofluoromethane	7.88	113	123041	52.84	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	105.68%	
50) Toluene-d8	10.32	98	504001	52.86	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	105.72%	
62) 4-Bromofluorobenzene	12.62	95	165545	48.70	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	97.40%	

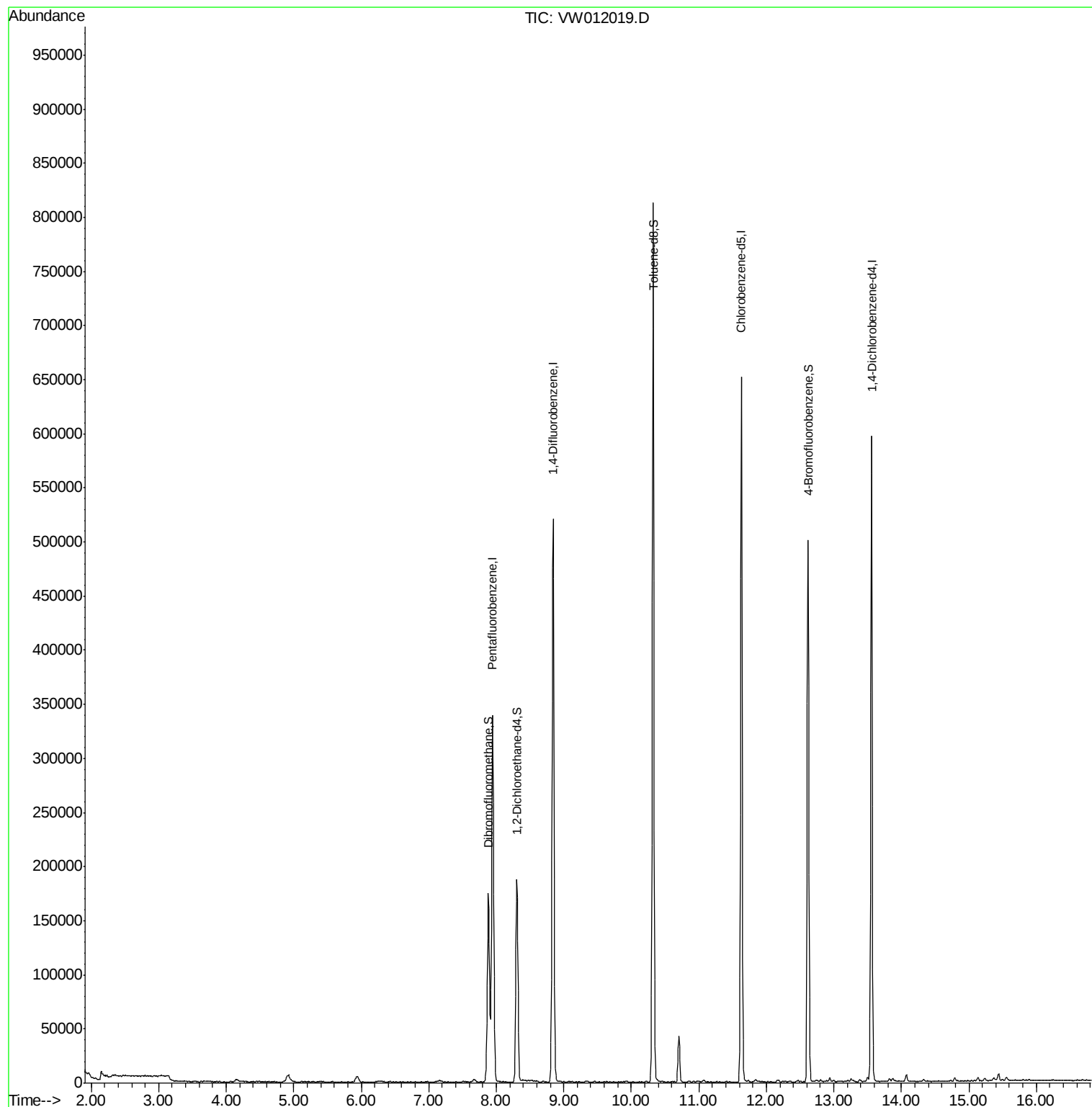
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW012019.D

Acq: 20 Aug 2019 09:41

Instrument :

MSVOA_W

ClientSampleId :

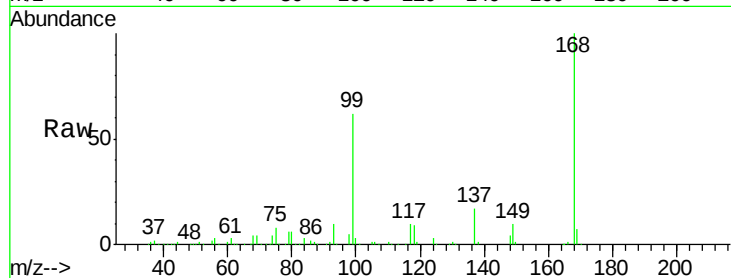
VW0820SBL01

Tot Ion:168 Resp: 249296

Ion Ratio Lower Upper

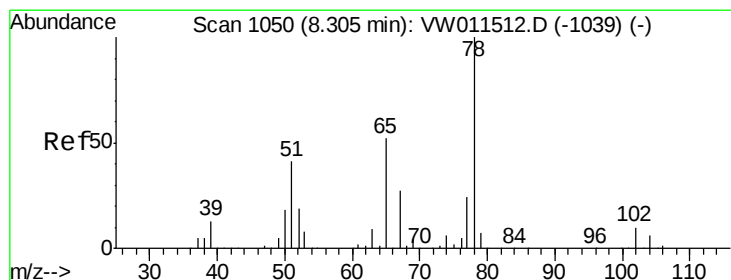
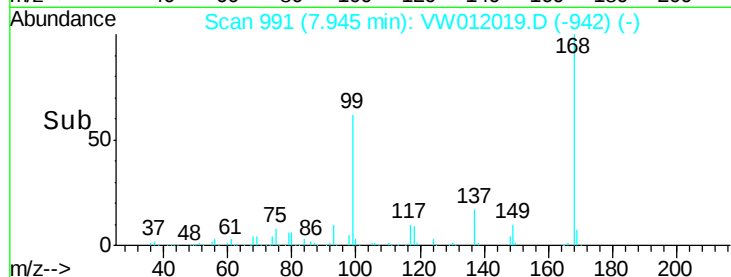
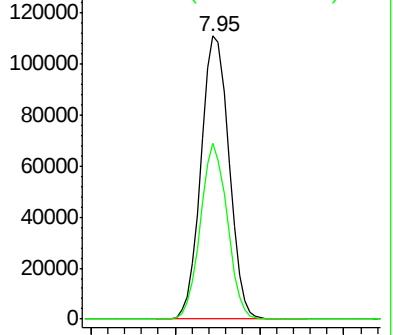
168 100

99 62.2 48.2 72.4



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: 50.275 ug/l

RT: 8.30 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW012019.D

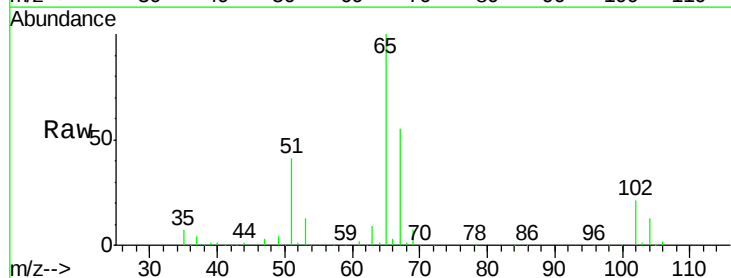
Acq: 20 Aug 2019 09:41

Tgt Ion: 65 Resp: 143917

Ion Ratio Lower Upper

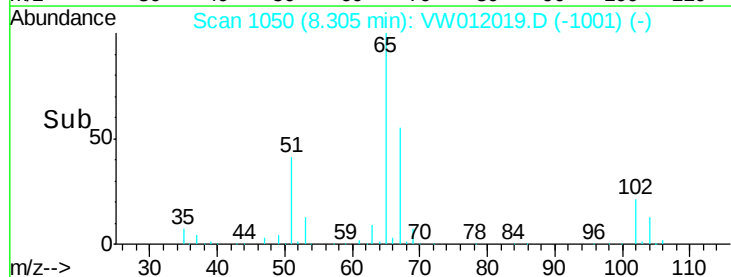
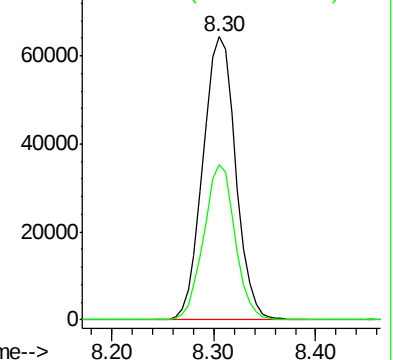
65 100

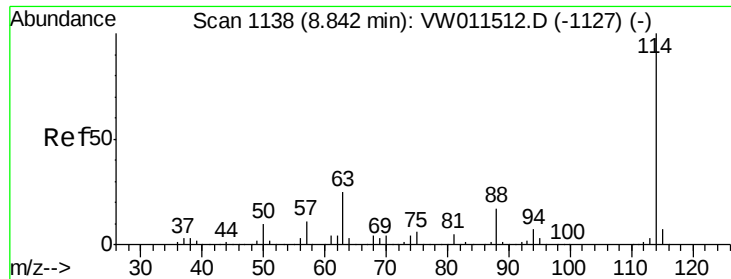
67 52.4 0.0 105.2



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

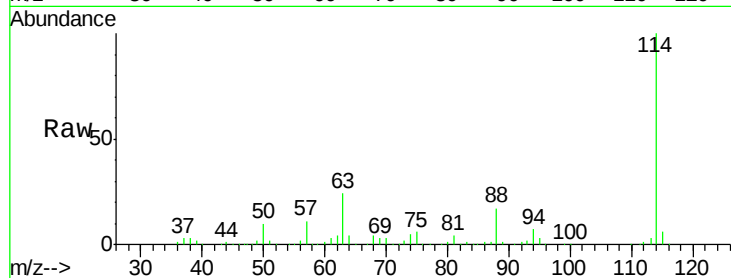




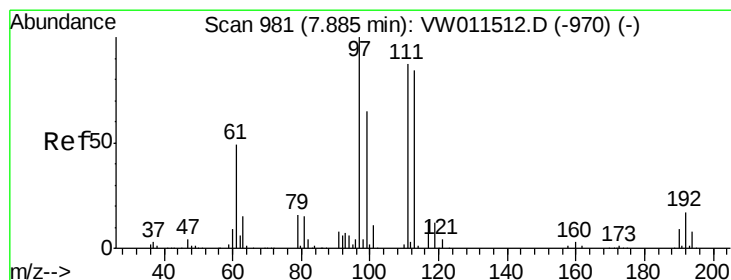
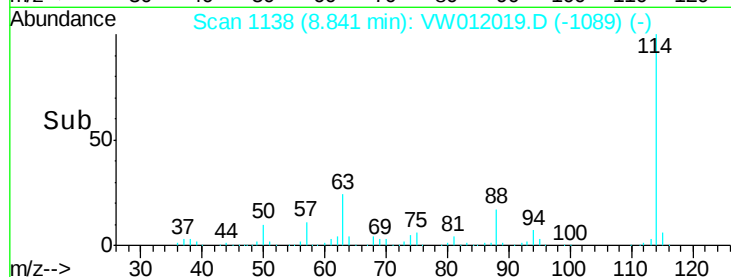
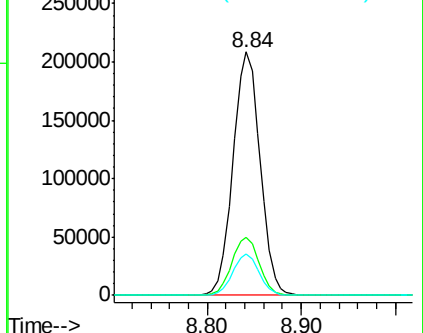
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW012019.D
 Acq: 20 Aug 2019 09:41

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0820SBL01

Tot Ion:114 Resp: 415057
 Ion Ratio Lower Upper
 114 100
 63 23.9 0.0 49.2
 88 17.1 0.0 33.8

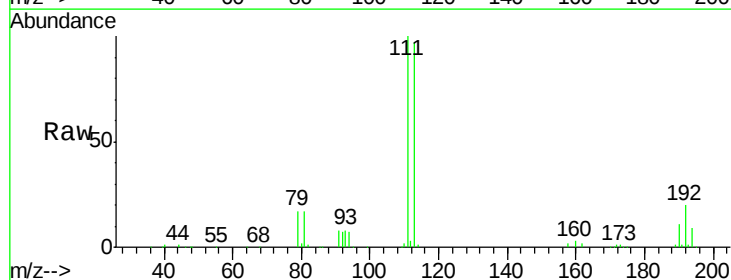


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

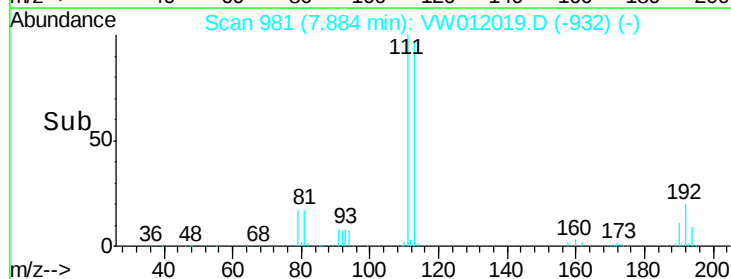
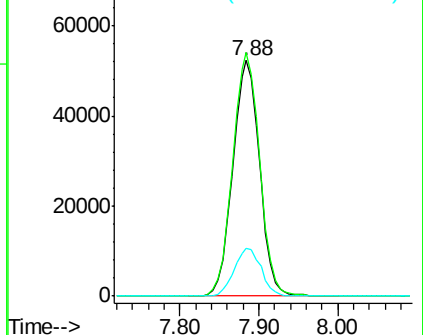


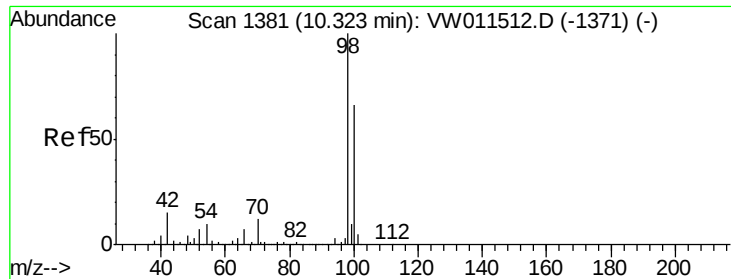
#35
 Dibromofluoromethane
 Concen: 52.840 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW012019.D
 Acq: 20 Aug 2019 09:41

Tgt Ion:113 Resp: 123041
 Ion Ratio Lower Upper
 113 100
 111 104.0 82.7 124.1
 192 20.5 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: 52.865 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW012019.D

Acq: 20 Aug 2019 09:41

Instrument :

MSVOA_W

ClientSampleId :

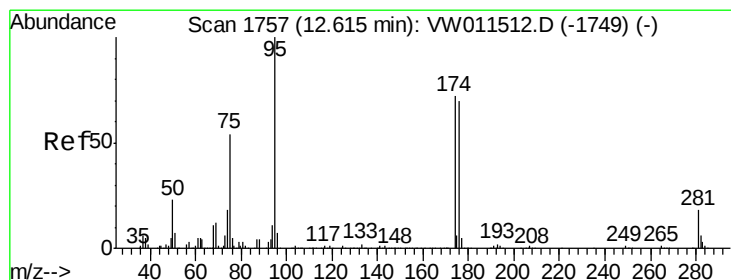
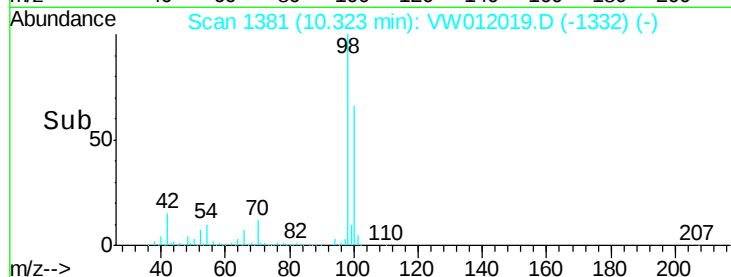
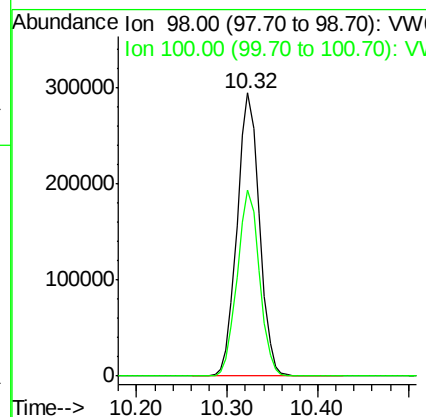
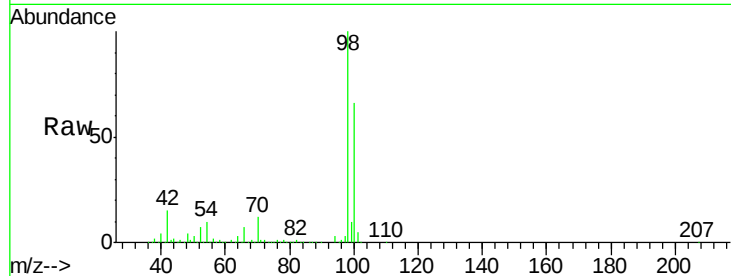
VW0820SBL01

Tot Ion: 98 Resp: 504001

Ion Ratio Lower Upper

98 100

100 65.6 52.7 79.1



#62

4-Bromofluorobenzene

Concen: 48.704 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.01 min

Lab File: VW012019.D

Acq: 20 Aug 2019 09:41

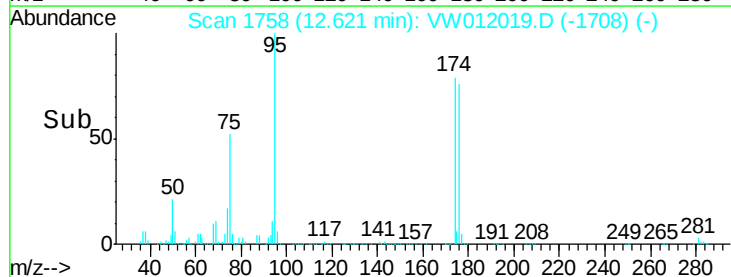
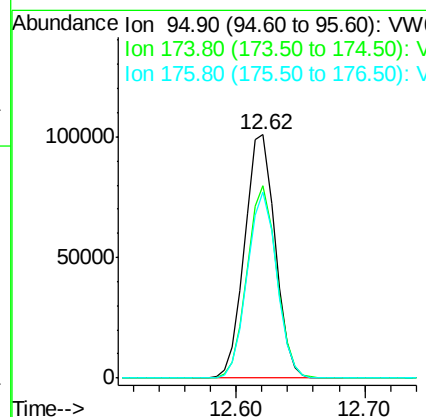
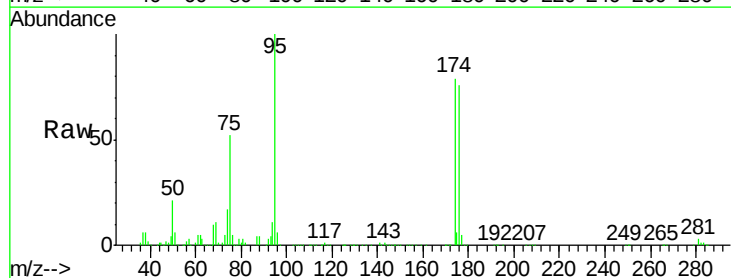
Tgt Ion: 95 Resp: 165545

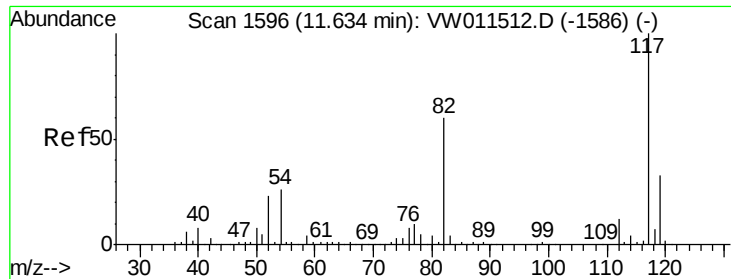
Ion Ratio Lower Upper

95 100

174 76.4 0.0 150.2

176 73.6 0.0 144.4

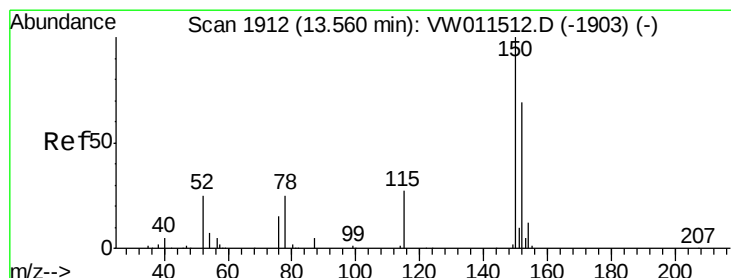
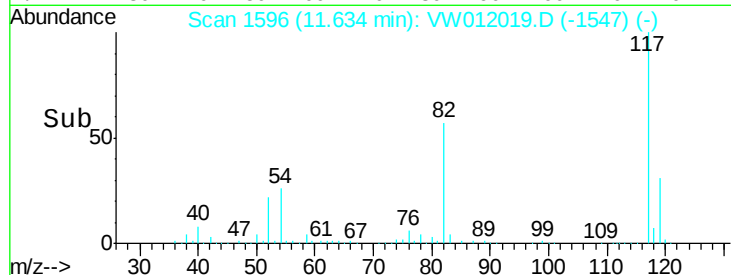
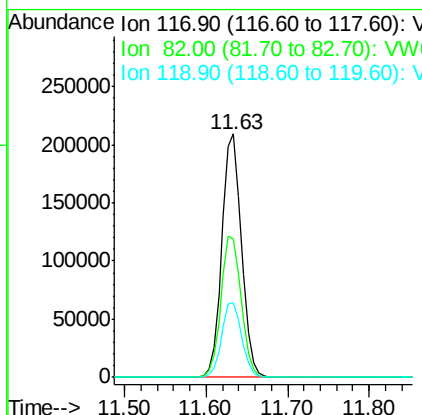
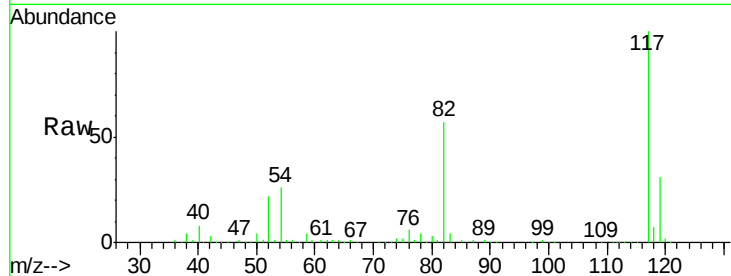




#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.63 min Scan# 1596
 Delta R.T. -0.00 min
 Lab File: VW012019.D
 Acq: 20 Aug 2019 09:41

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0820SBL01

Tot Ion:117 Resp: 348369
 Ion Ratio Lower Upper
 117 100
 82 57.2 47.9 71.9
 119 30.8 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: VW012019.D
 Acq: 20 Aug 2019 09:41

Tgt Ion:152 Resp: 147015
 Ion Ratio Lower Upper
 152 100
 115 59.4 30.5 91.5
 150 158.1 0.0 352.6

