

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082219\
 Data File : VW012119.D
 Acq On : 22 Aug 2019 18:52
 Operator : SY/VA
 Sample : K4461-19
 Misc : 5.02G/5ML/MSVOA W/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-10-8.5-9.0

Quant Time: Aug 23 08:18:57 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	214801	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	370499	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	312423	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	130174	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	141523	57.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.76%	
35) Dibromofluoromethane	7.88	113	113396	54.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.10%	
50) Toluene-d8	10.32	98	457979	53.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.62%	
62) 4-Bromofluorobenzene	12.62	95	147663	48.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.34%	

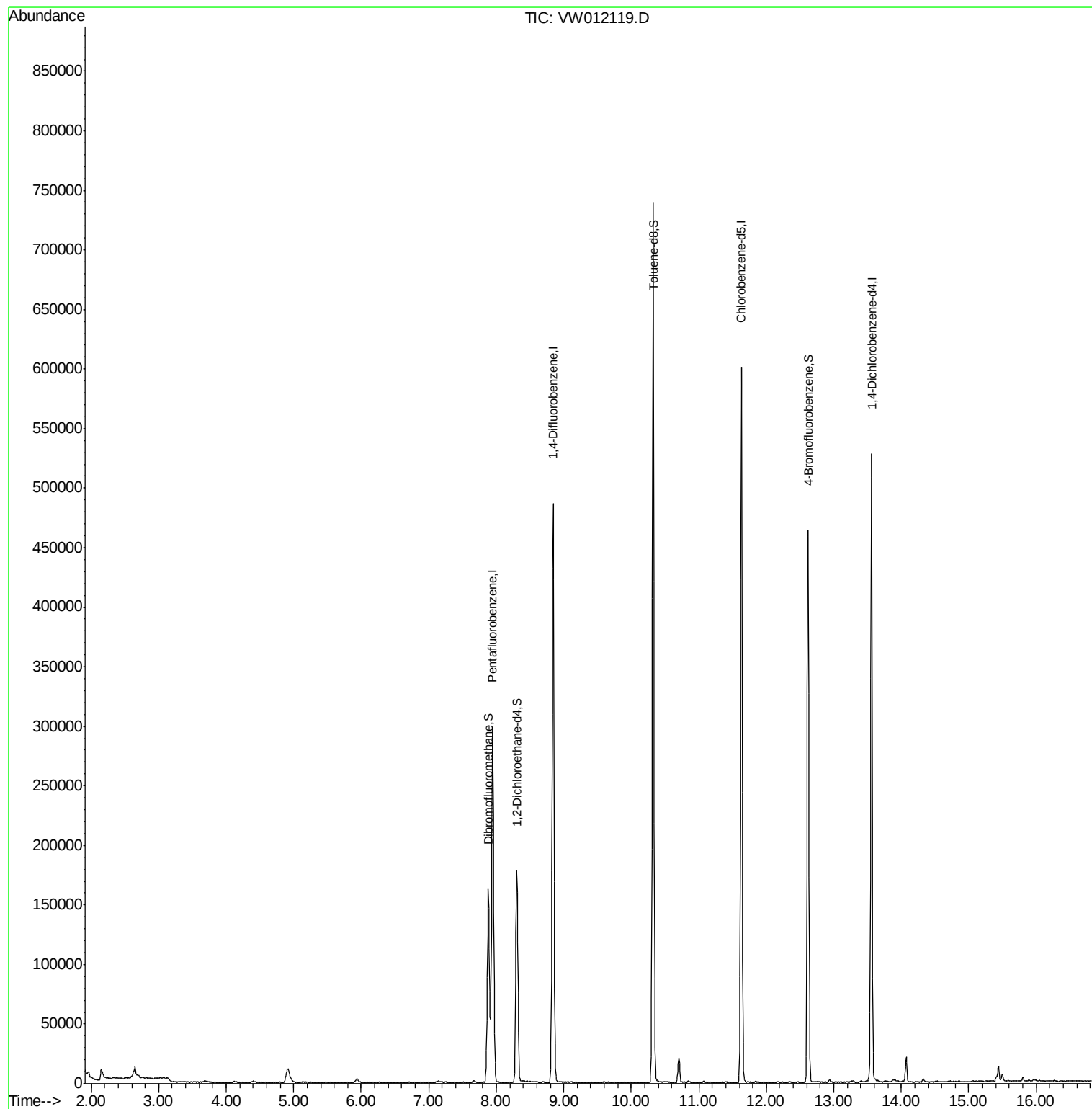
Target Compounds	Qvalue

(#) = 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

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Instrument :

MSVOA_W

ClientSampleId :

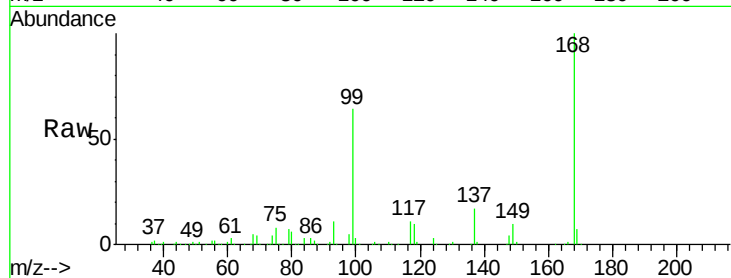
SB-10-8.5-9.0

Tot Ion:168 Resp: 214801

Ion Ratio Lower Upper

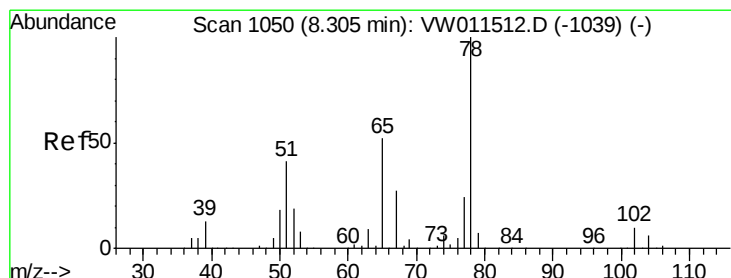
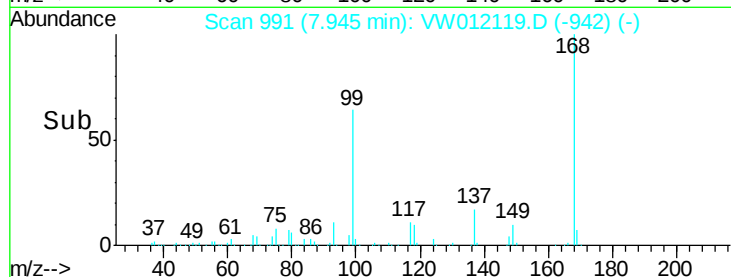
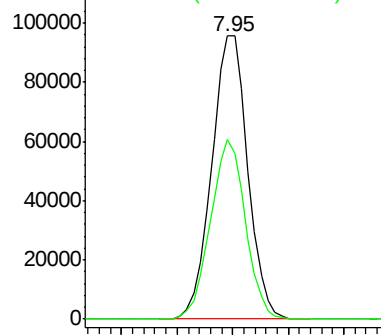
168 100

99 63.6 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: 57.378 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW012119.D

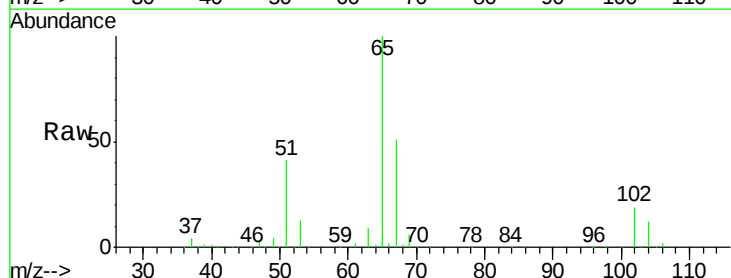
Acq: 22 Aug 2019 18:52

Tgt Ion: 65 Resp: 141523

Ion Ratio Lower Upper

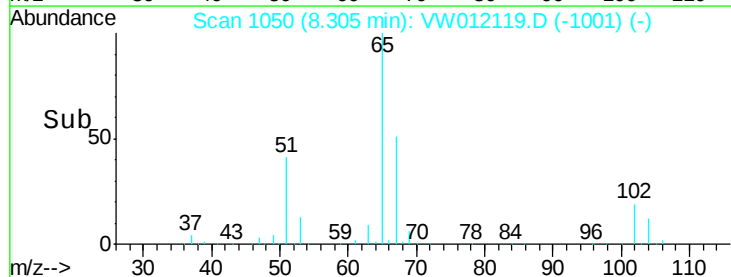
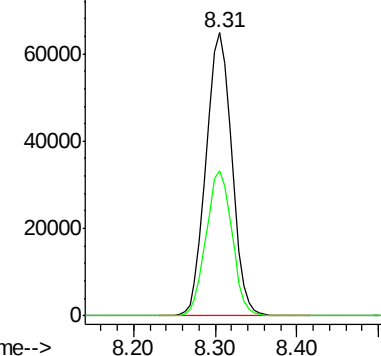
65 100

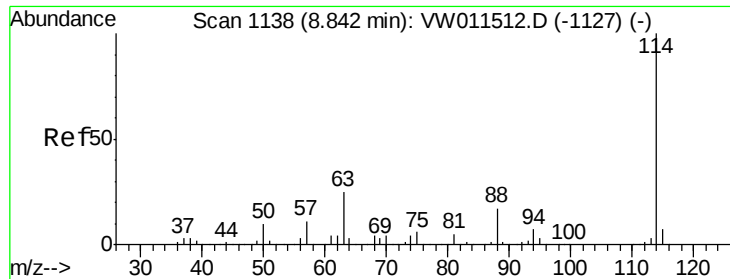
67 51.4 0.0 105.2



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

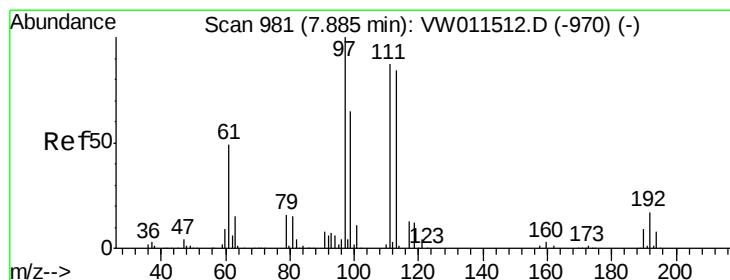
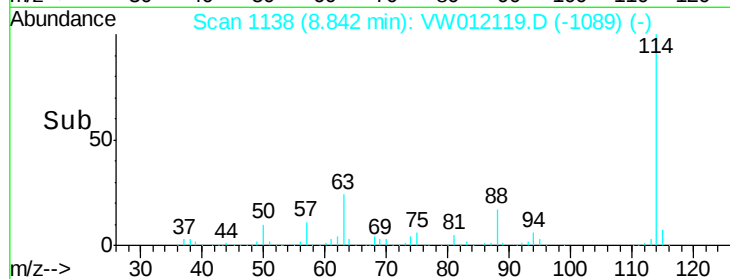
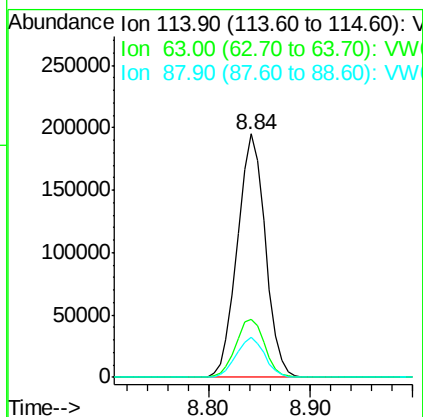
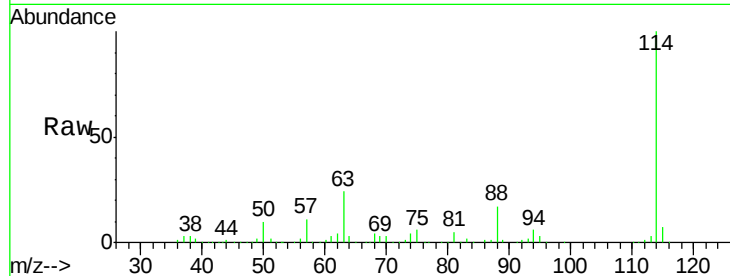




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW012119.D
 Acq: 22 Aug 2019 18:52

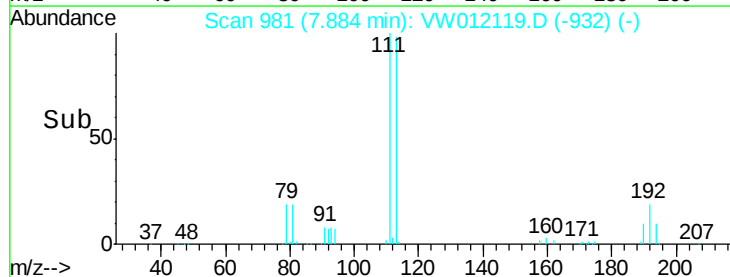
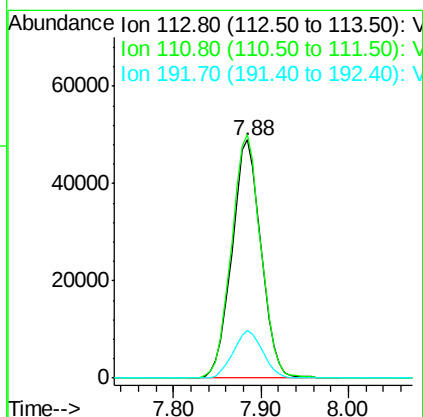
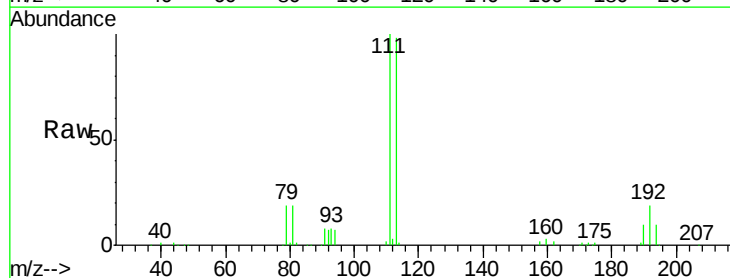
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-10-8.5-9.0

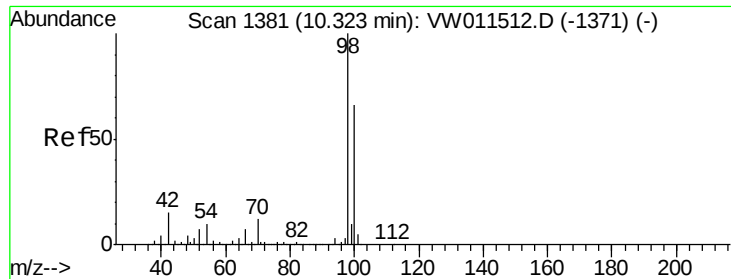
Tot Ion	Ratio	Lower	Upper
114	100		
63	24.0	0.0	49.2
88	16.6	0.0	33.8



#35
 Dibromofluoromethane
 Concen: 54.555 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW012119.D
 Acq: 22 Aug 2019 18:52

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.4	82.7	124.1
192	20.1	16.1	24.1





#50

Toluene-d8

Concen: 53.815 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW012119.D

Acq: 22 Aug 2019 18:52

Instrument :

MSVOA_W

ClientSampleId :

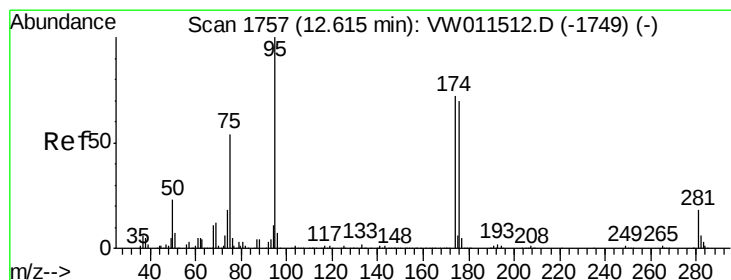
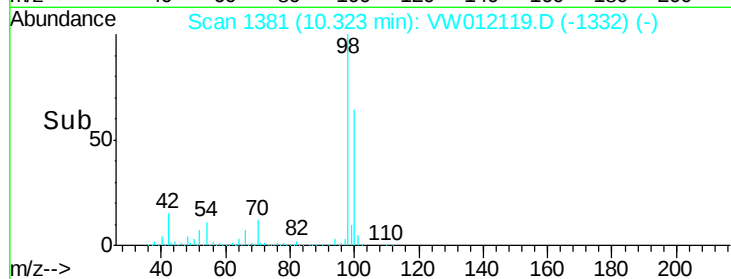
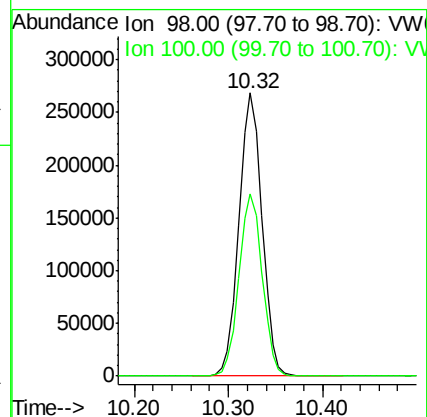
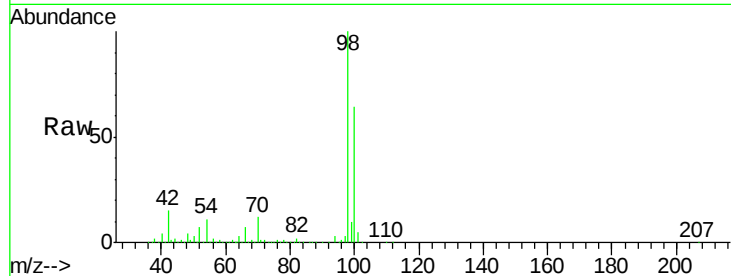
SB-10-8.5-9.0

Tot Ion: 98 Resp: 457979

Ion Ratio Lower Upper

98 100

100 65.0 52.7 79.1



#62

4-Bromofluorobenzene

Concen: 48.668 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW012119.D

Acq: 22 Aug 2019 18:52

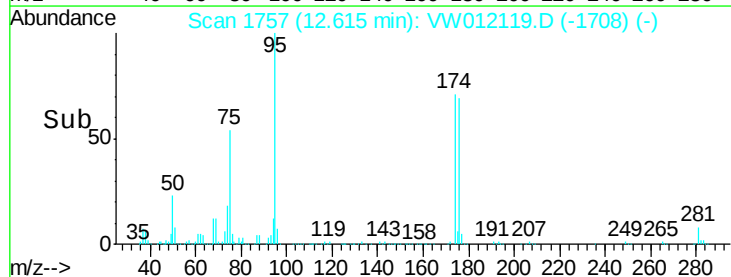
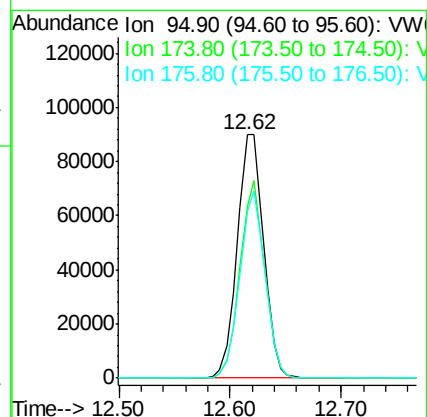
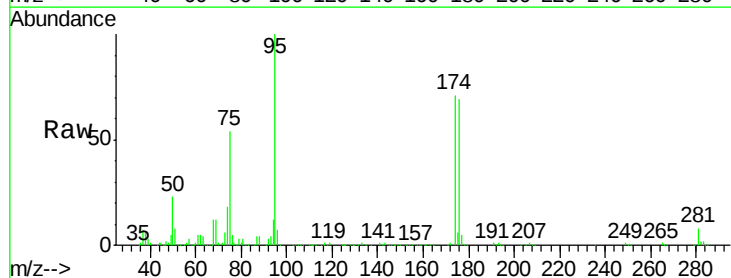
Tgt Ion: 95 Resp: 147663

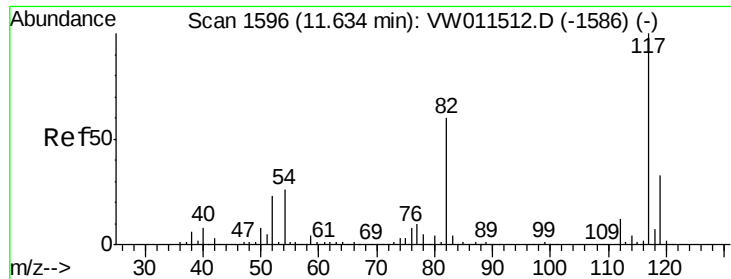
Ion Ratio Lower Upper

95 100

174 76.4 0.0 150.2

176 73.7 0.0 144.4

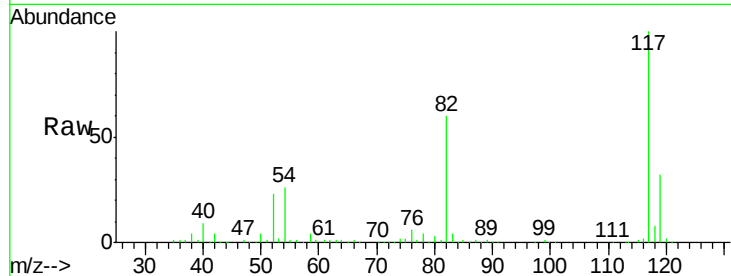




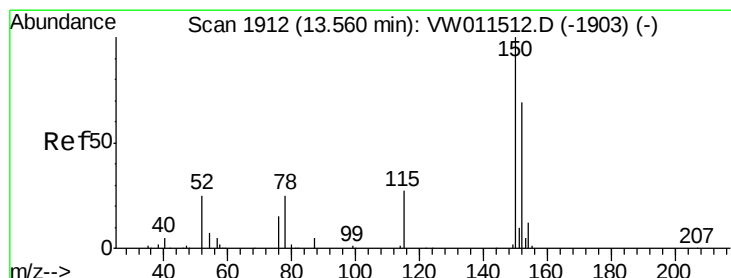
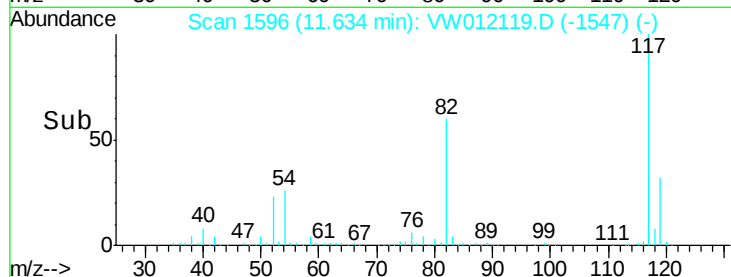
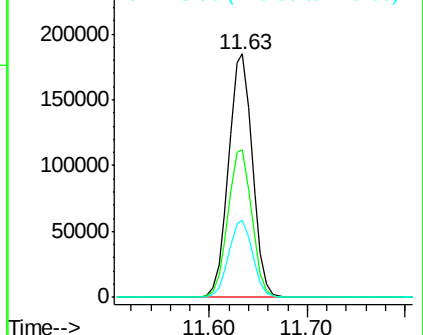
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW012119.D
Acq: 22 Aug 2019 18:52

Instrument :
MSVOA_W
ClientSampleId :
SB-10-8.5-9.0

Tot Ion:117 Resp: 312423
Ion Ratio Lower Upper
117 100
82 60.4 47.9 71.9
119 31.9 26.2 39.2

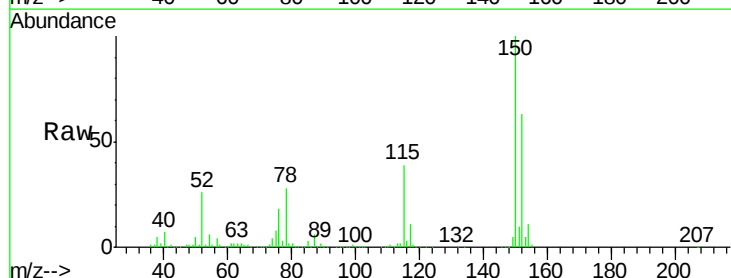


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW012119.D
Acq: 22 Aug 2019 18:52

Tgt Ion:152 Resp: 130174
Ion Ratio Lower Upper
152 100
115 61.5 30.5 91.5
150 157.3 0.0 352.6



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

