

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082919\
 Data File : VW012333.D
 Acq On : 30 Aug 2019 05:24
 Operator : SY/VA
 Sample : K4554-02
 Misc : 5.97G/5ML/MSVOA W/SOIL
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-13-(13-15)

Quant Time: Aug 30 09:39:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 26 07:18:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	233508	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	384037	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	314844	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	132265	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	136530	49.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.38%	
35) Dibromofluoromethane	7.88	113	114085	49.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.54%	
50) Toluene-d8	10.32	98	467799	50.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.66%	
62) 4-Bromofluorobenzene	12.62	95	150581	45.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.92%	

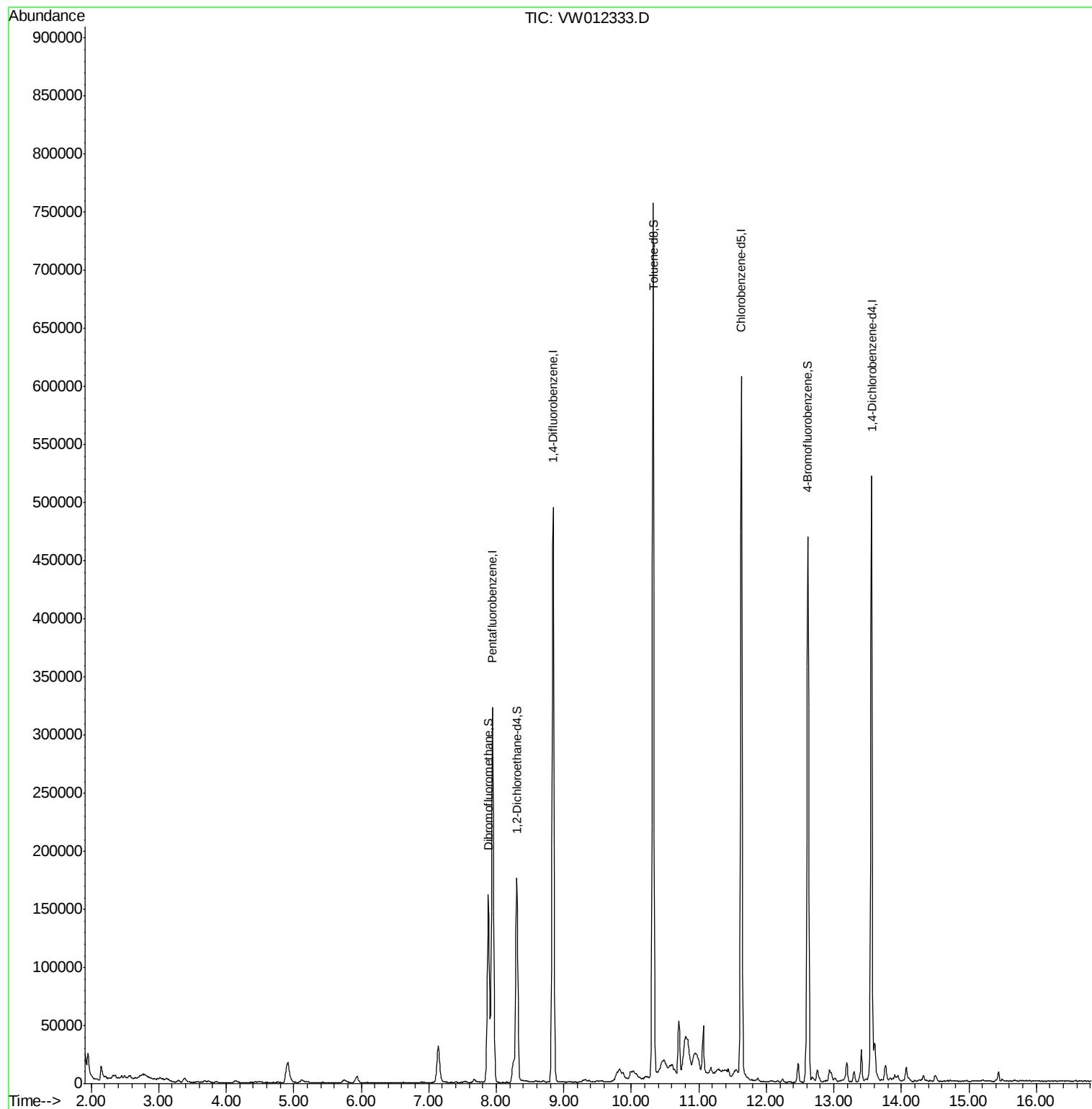
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW012333.D

Acq: 30 Aug 2019 05:24

Instrument :

MSVOA_W

ClientSampleId :

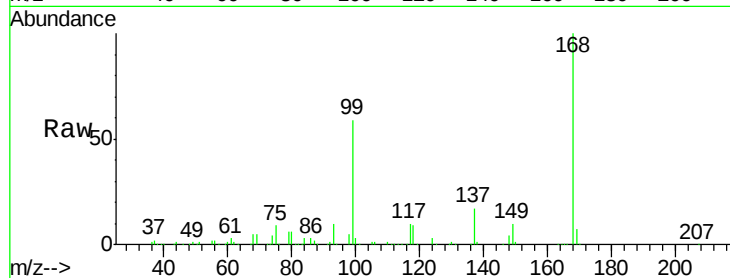
SB-13-(13-15)

Tot Ion:168 Resp: 233508

Ion Ratio Lower Upper

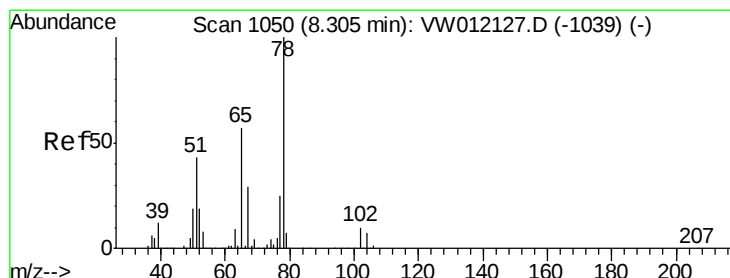
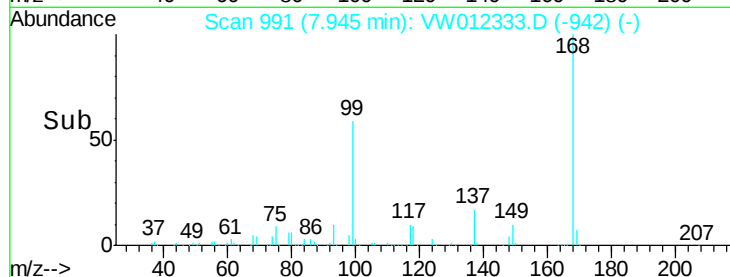
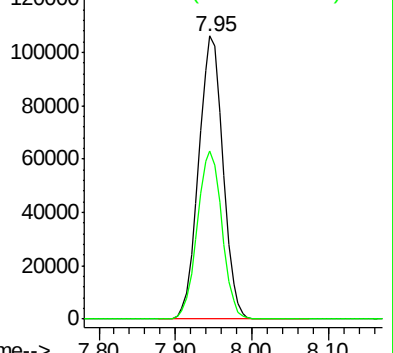
168 100

99 59.5 49.2 73.8



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: 49.185 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW012333.D

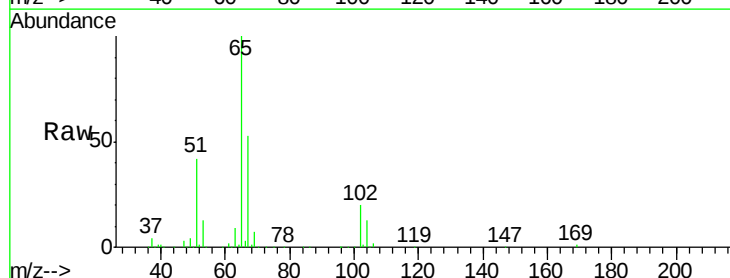
Acq: 30 Aug 2019 05:24

Tgt Ion: 65 Resp: 136530

Ion Ratio Lower Upper

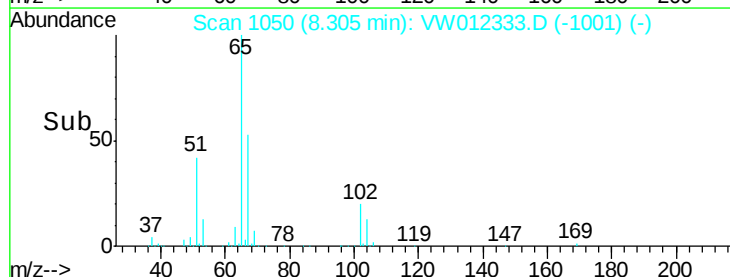
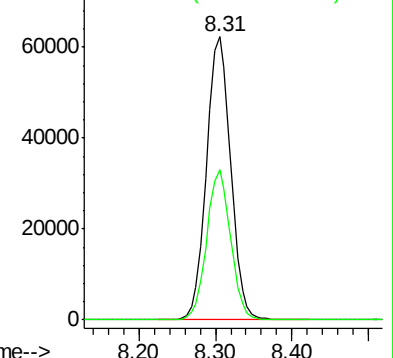
65 100

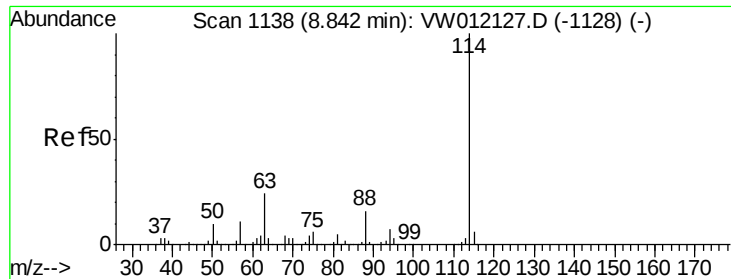
67 52.3 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

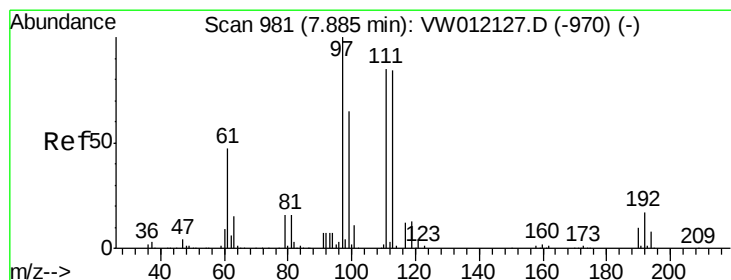
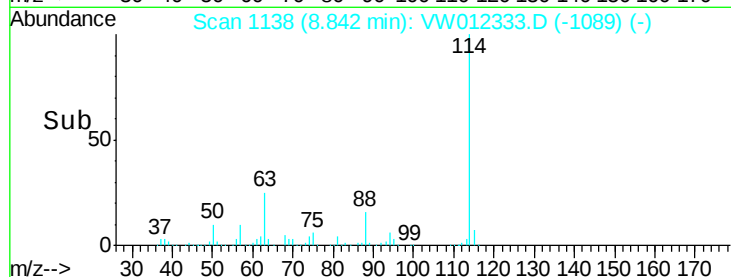
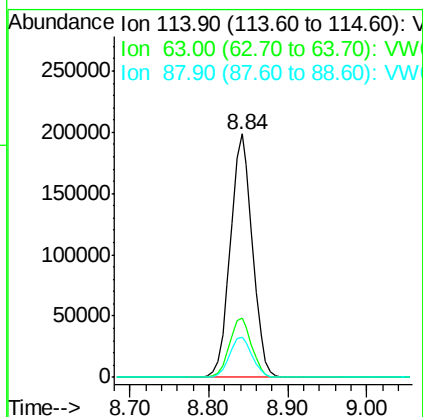
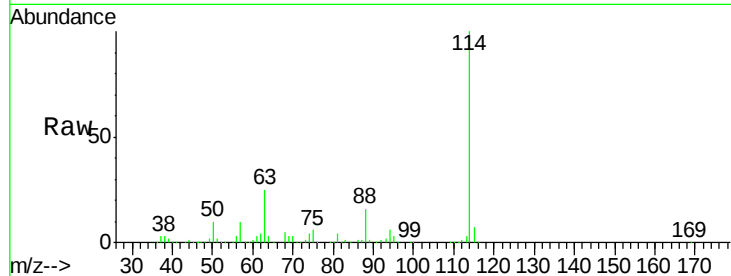




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW012333.D
 Acq: 30 Aug 2019 05:24

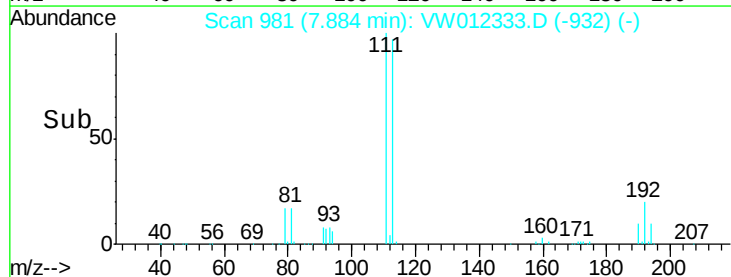
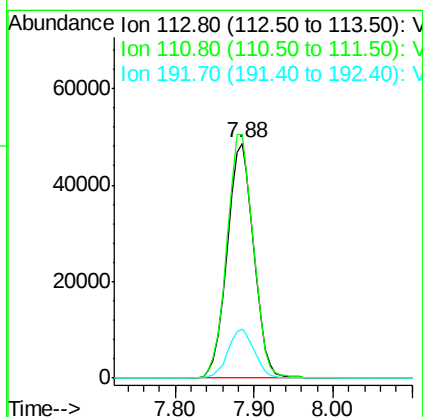
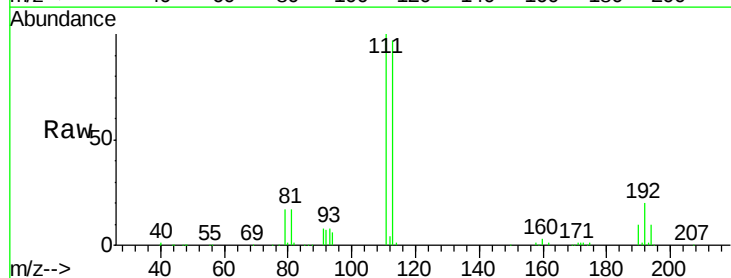
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-13-(13-15)

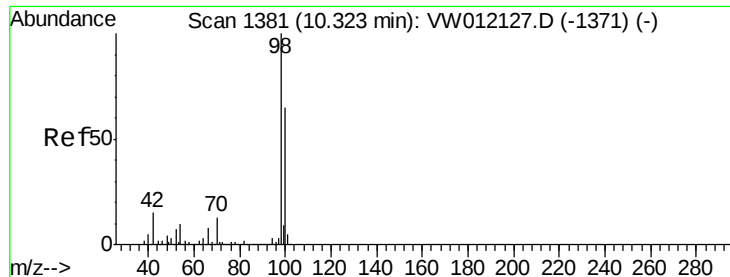
Tot Ion	Ratio	Lower	Upper
114	100		
63	24.6	0.0	48.6
88	16.5	0.0	32.2



#35
 Dibromofluoromethane
 Concen: 49.768 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW012333.D
 Acq: 30 Aug 2019 05:24

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.6	82.7	124.1
192	20.6	16.2	24.2





#50

Toluene-d8

Concen: 50.330 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW012333.D

Acq: 30 Aug 2019 05:24

Instrument :

MSVOA_W

ClientSampleId :

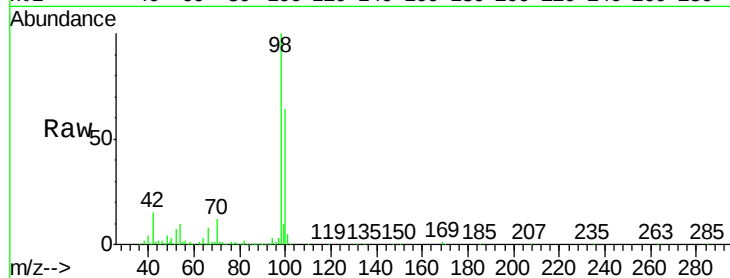
SB-13-(13-15)

Tot Ion: 98 Resp: 467799

Ion Ratio Lower Upper

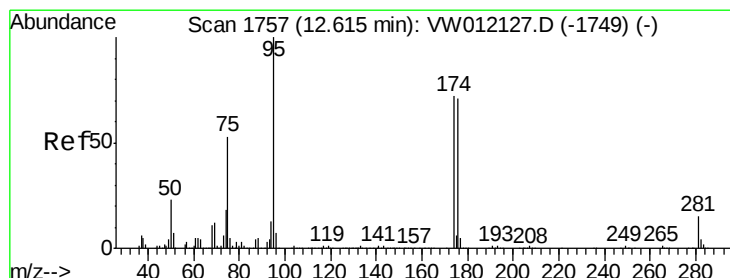
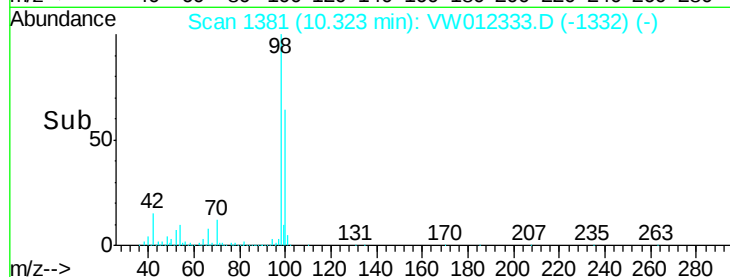
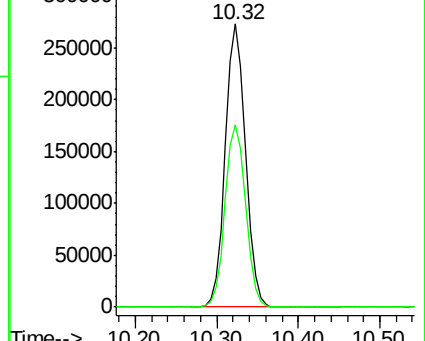
98 100

100 65.5 52.4 78.6



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#62

4-Bromofluorobenzene

Concen: 45.960 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW012333.D

Acq: 30 Aug 2019 05:24

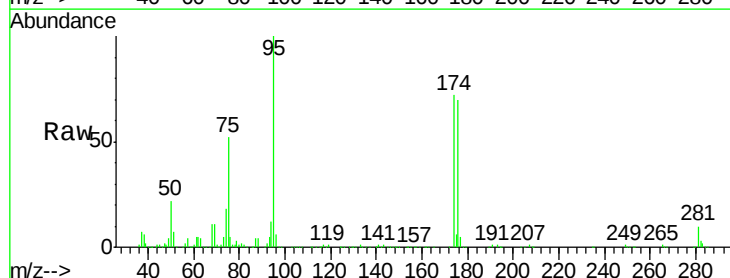
Tgt Ion: 95 Resp: 150581

Ion Ratio Lower Upper

95 100

174 76.1 0.0 150.8

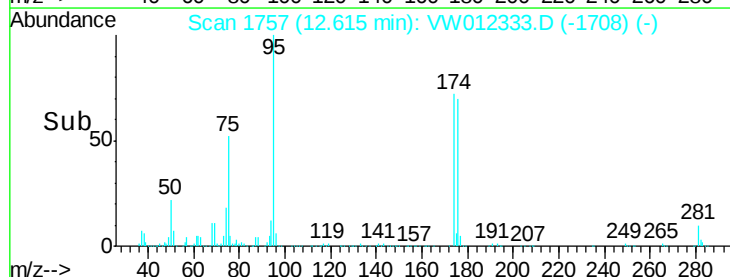
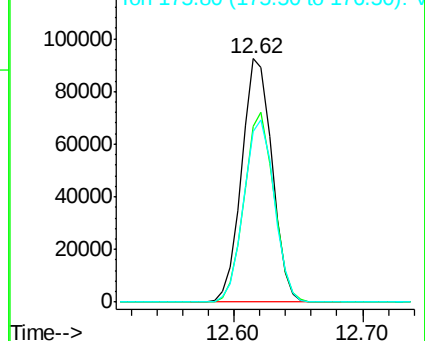
176 74.9 0.0 148.6

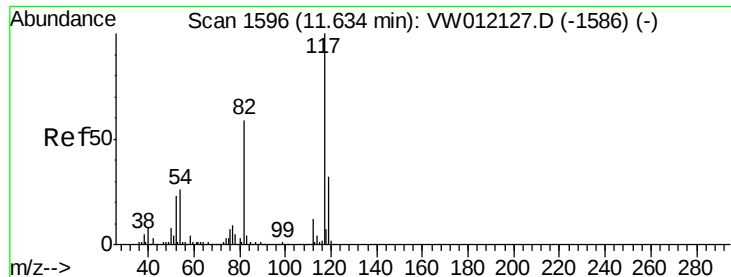


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

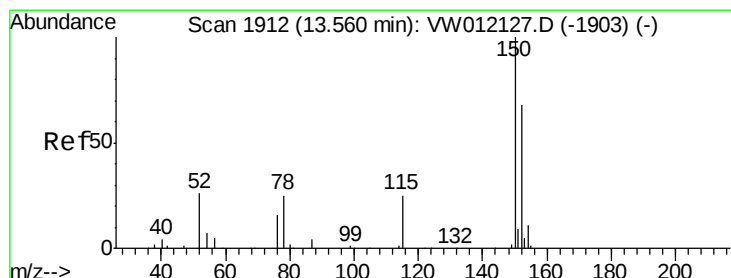
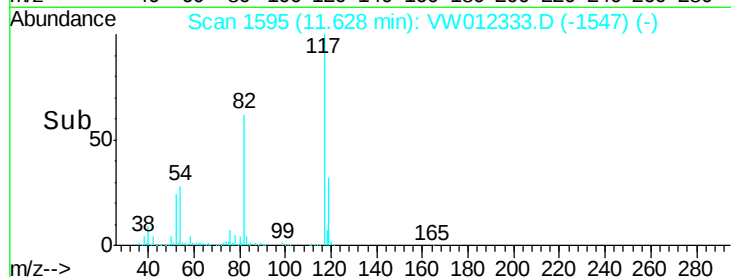
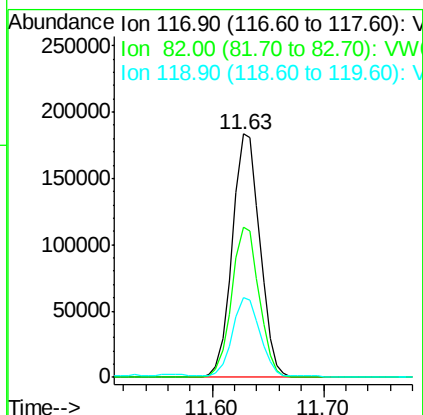
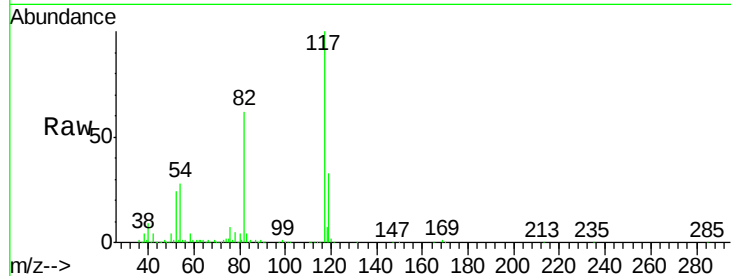




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012333.D
Acq: 30 Aug 2019 05:24

Instrument :
MSVOA_W
ClientSampleId :
SB-13-(13-15)

Tot Ion:117 Resp: 314844
Ion Ratio Lower Upper
117 100
82 61.9 47.4 71.2
119 32.7 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW012333.D
Acq: 30 Aug 2019 05:24

Tgt Ion:152 Resp: 132265
Ion Ratio Lower Upper
152 100
115 61.7 30.1 90.3
150 156.8 0.0 345.8

