

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082919\
 Data File : VW012337.D
 Acq On : 30 Aug 2019 07:08
 Operator : SY/VA
 Sample : K4554-06
 Misc : 4.49G/5ML/MSVOA W/SOIL
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-12-(13-15)

Quant Time: Aug 30 09:33:29 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

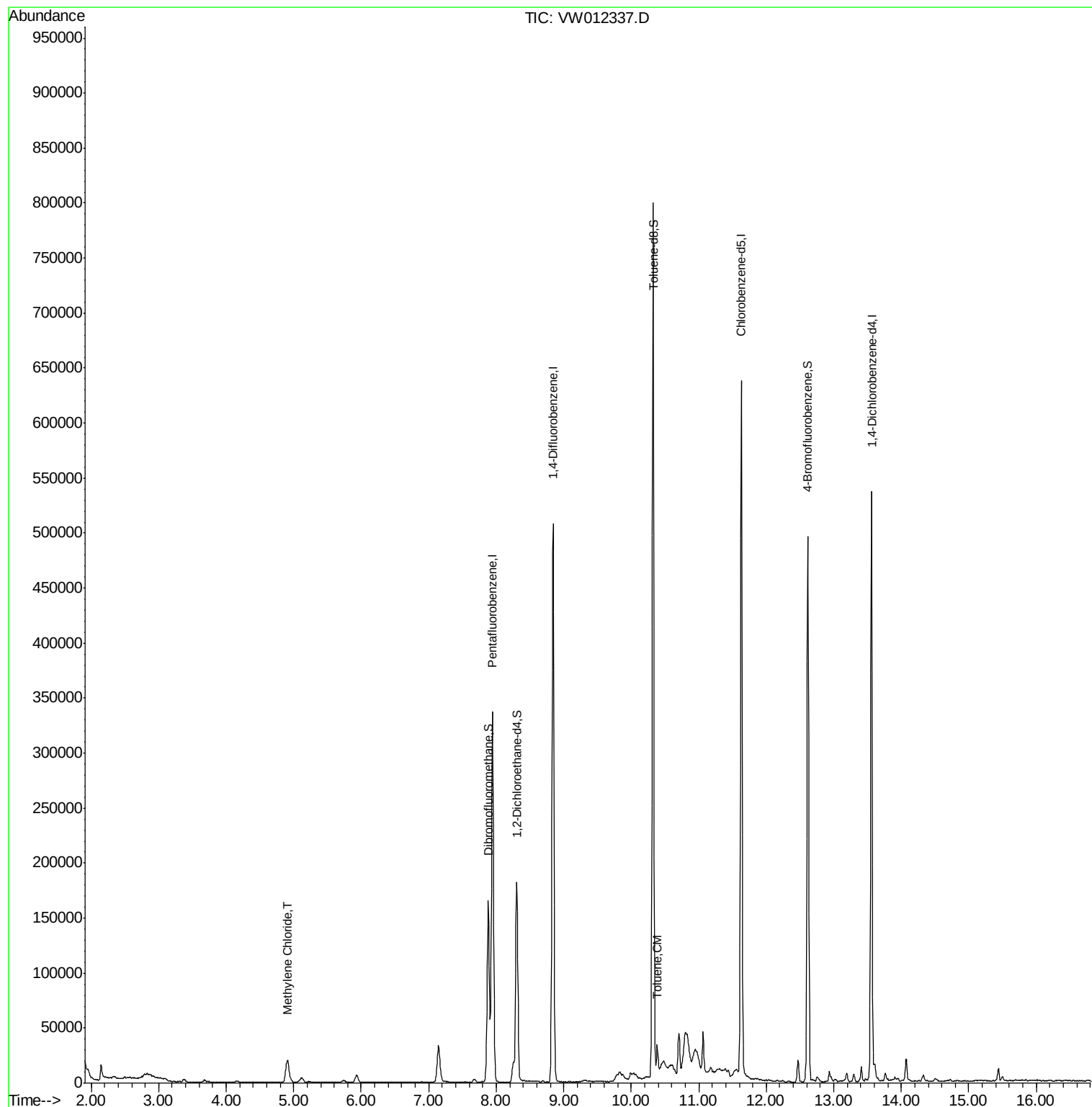
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	248285	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	405382	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	330579	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	134744	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	144100	48.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.64%	
35) Dibromofluoromethane	7.88	113	118993	49.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.36%	
50) Toluene-d8	10.32	98	495660	50.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.04%	
62) 4-Bromofluorobenzene	12.62	95	155601	44.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.98%	
Target Compounds						
20) Methylene Chloride	4.91	84	15080	5.287	ug/l	96
52) Toluene	10.39	92	11412	1.661	ug/l	98

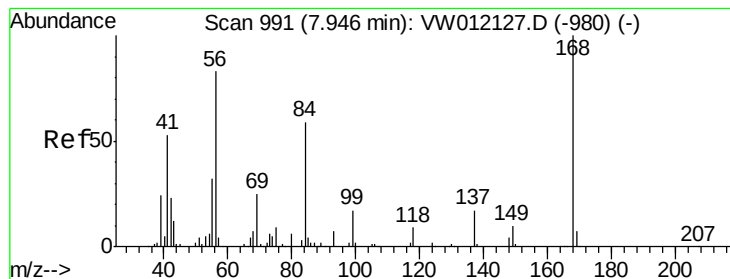
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW012337.D

Acq: 30 Aug 2019 07:08

Instrument :

MSVOA_W

ClientSampleId :

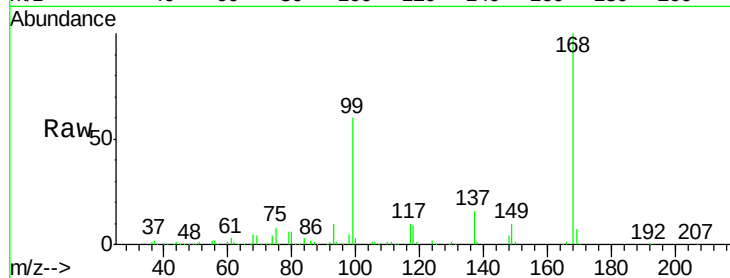
SB-12-(13-15)

Tot Ion:168 Resp: 248285

Ion Ratio Lower Upper

168 100

99 60.5 49.2 73.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

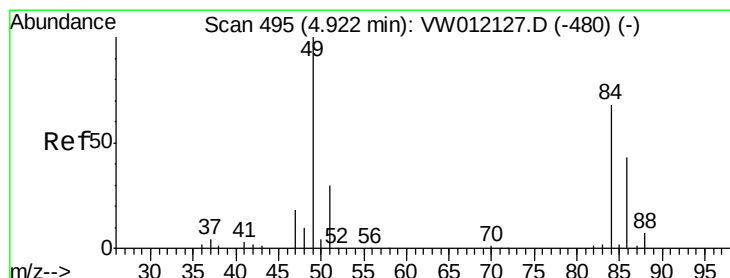
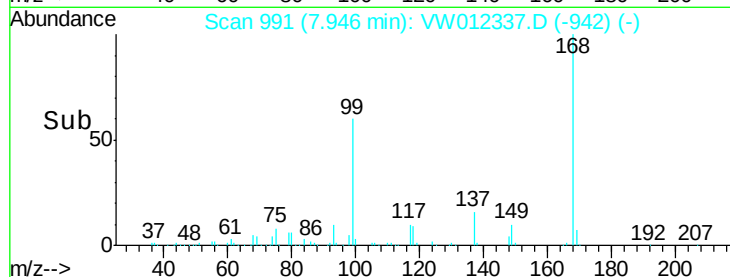
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#20

Methylene Chloride

Concen: 5.287 ug/l

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW012337.D

Acq: 30 Aug 2019 07:08

Tgt Ion: 84 Resp: 15080

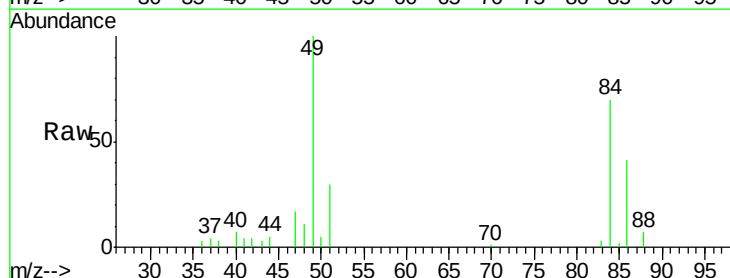
Ion Ratio Lower Upper

84 100

49 143.5 117.8 176.8

51 43.2 35.6 53.4

86 58.8 51.2 76.8



Abundance Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW

10000

8000

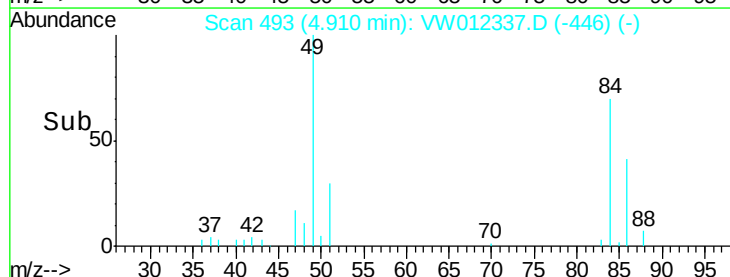
6000

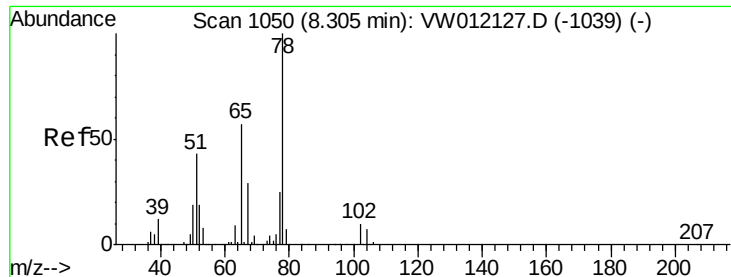
4000

2000

0

Time--> 4.80 4.90 5.00 5.10

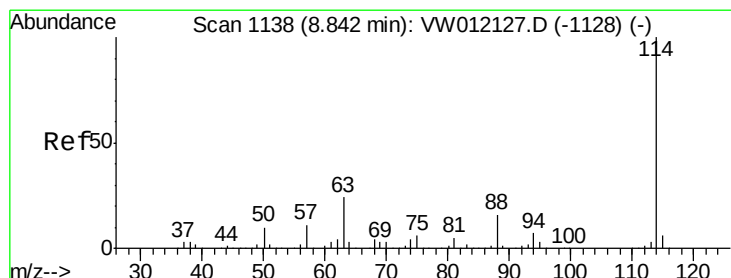
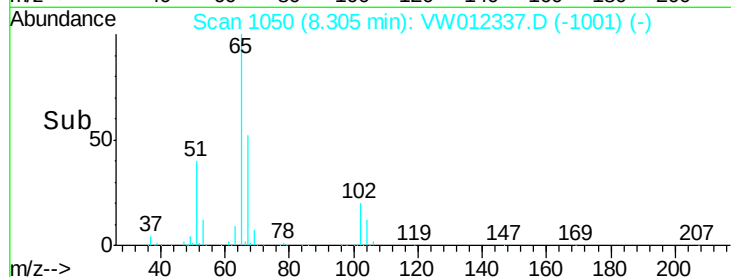
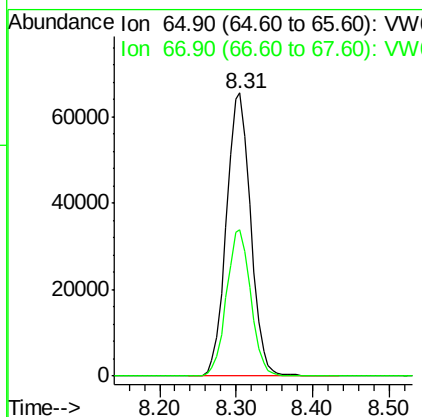
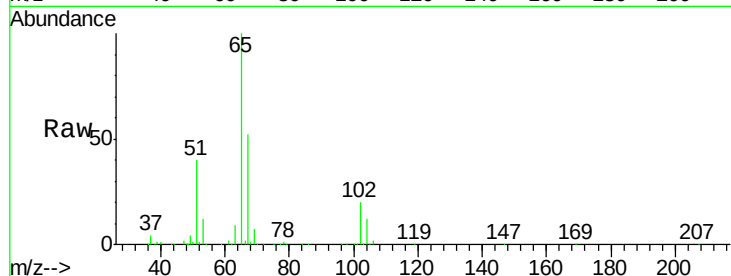




#33
 1,2-Dichloroethane-d4
 Concen: 48.823 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW012337.D
 Acq: 30 Aug 2019 07:08

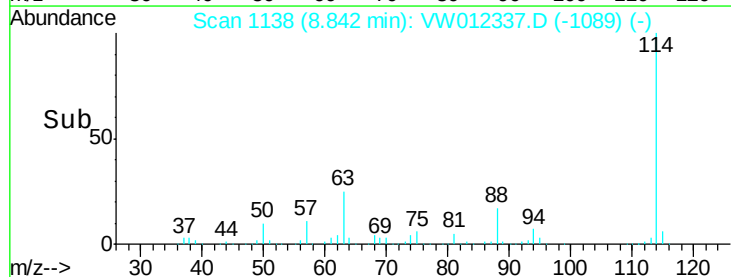
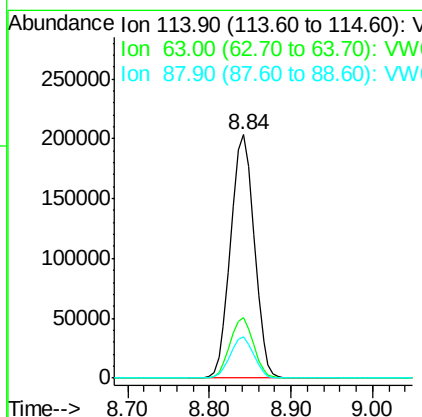
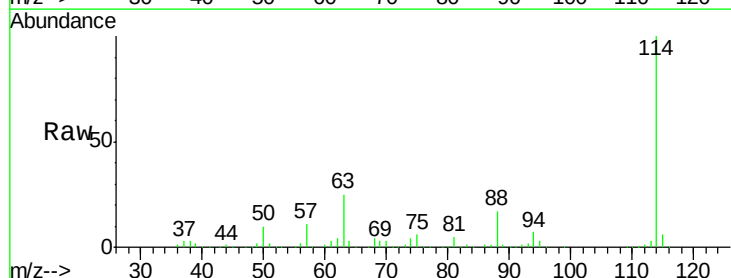
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-12-(13-15)

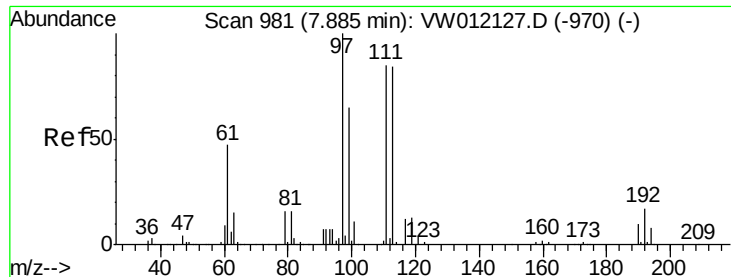
Tot Ion: 65 Resp: 144100
 Ion Ratio Lower Upper
 65 100
 67 51.5 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW012337.D
 Acq: 30 Aug 2019 07:08

Tgt Ion: 114 Resp: 405382
 Ion Ratio Lower Upper
 114 100
 63 24.7 0.0 48.6
 88 17.2 0.0 32.2

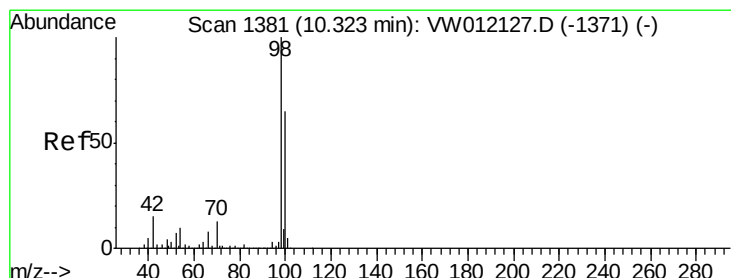
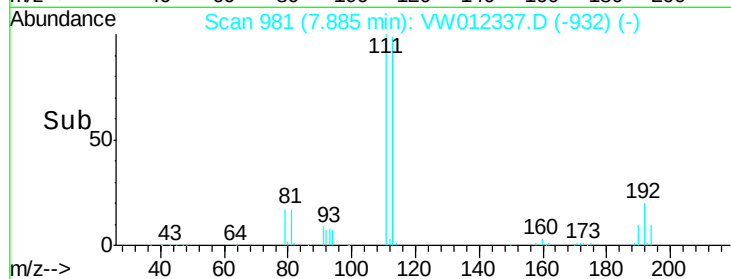
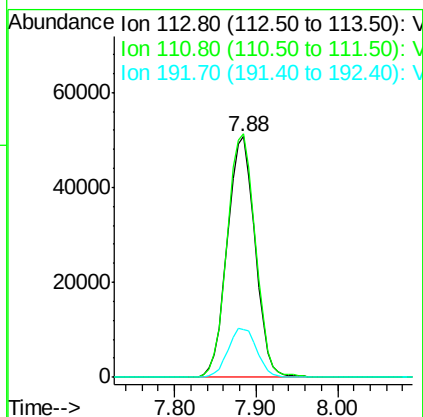
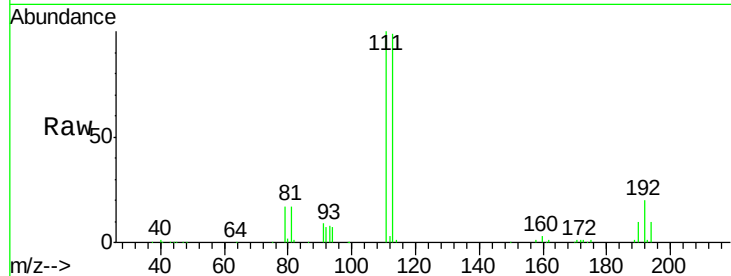




#35
 Dibromofluoromethane
 Concen: 49.176 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW012337.D
 Acq: 30 Aug 2019 07:08

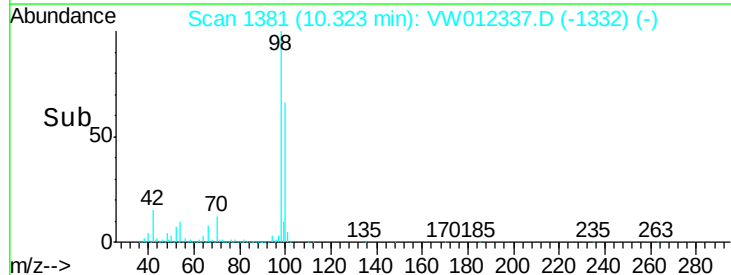
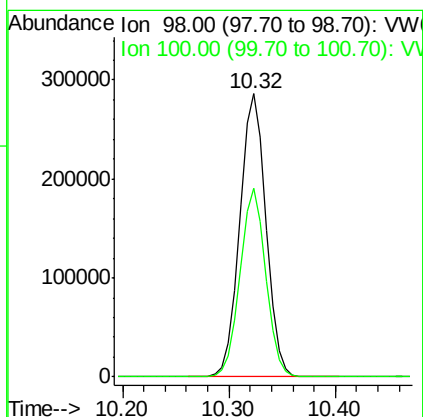
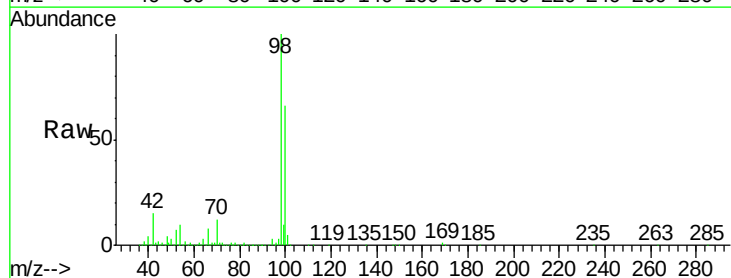
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-12-(13-15)

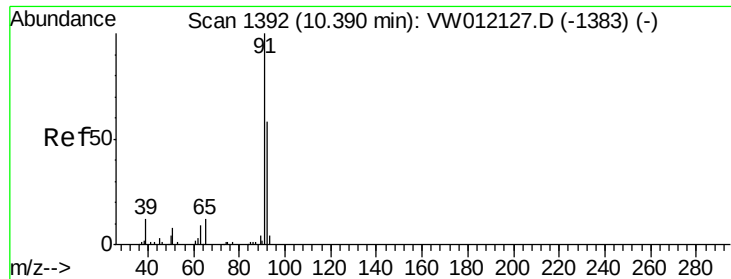
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.0	82.7	124.1
192	21.0	16.2	24.2



#50
 Toluene-d8
 Concen: 50.519 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. 0.00 min
 Lab File: VW012337.D
 Acq: 30 Aug 2019 07:08

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.4	52.4	78.6





#52

Toluene

Concen: 1.661 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW012337.D

Acq: 30 Aug 2019 07:08

Instrument :

MSVOA_W

ClientSampleId :

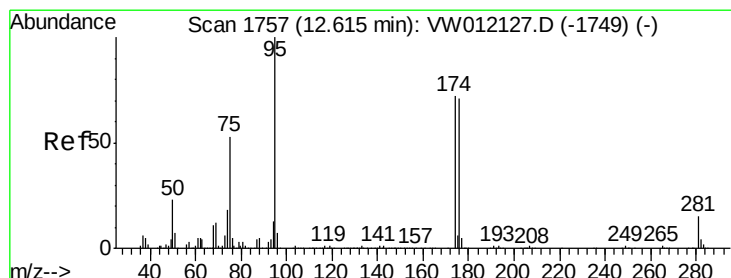
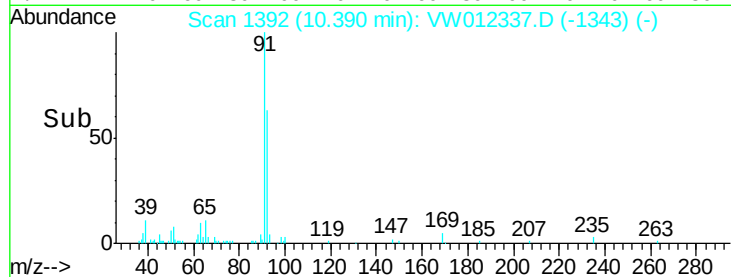
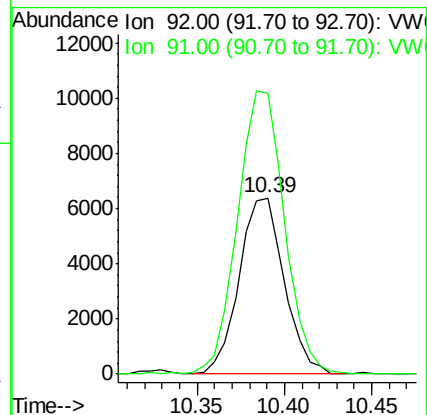
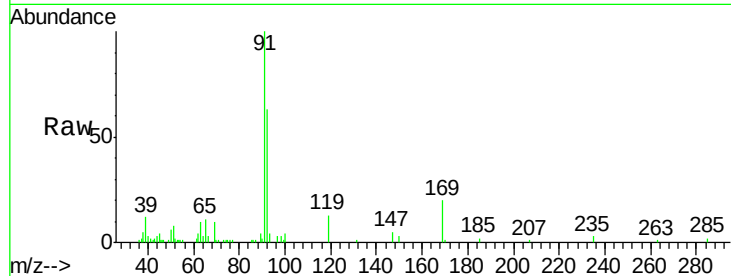
SB-12-(13-15)

Tot Ion: 92 Resp: 11412

Ion Ratio Lower Upper

92 100

91 168.2 136.6 204.8



#62

4-Bromofluorobenzene

Concen: 44.991 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VW012337.D

Acq: 30 Aug 2019 07:08

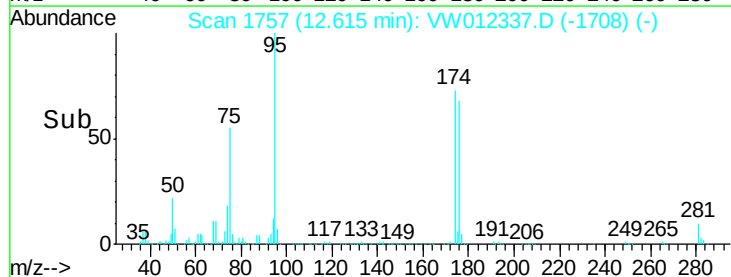
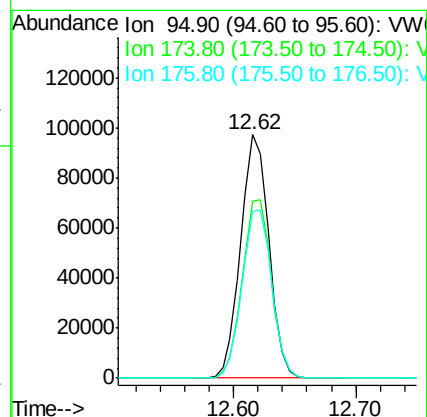
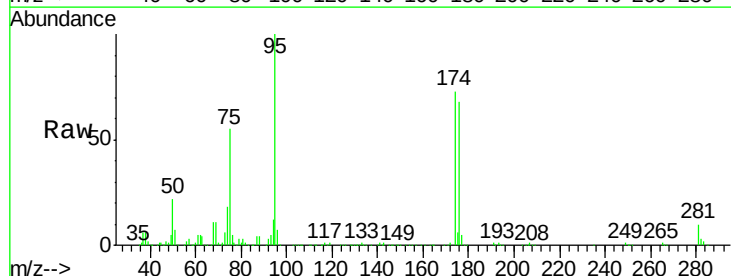
Tgt Ion: 95 Resp: 155601

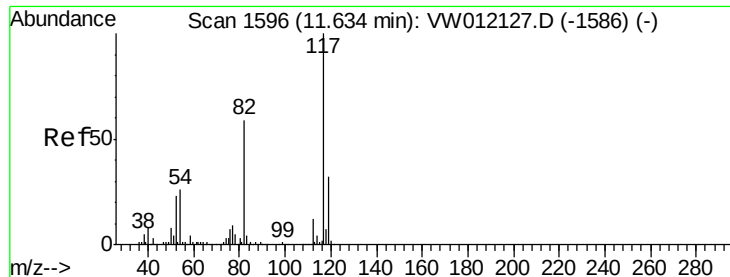
Ion Ratio Lower Upper

95 100

174 75.7 0.0 150.8

176 72.8 0.0 148.6

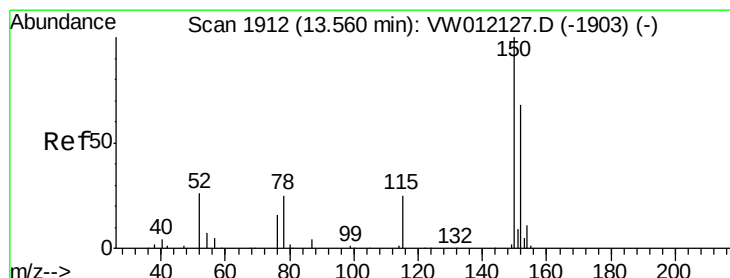
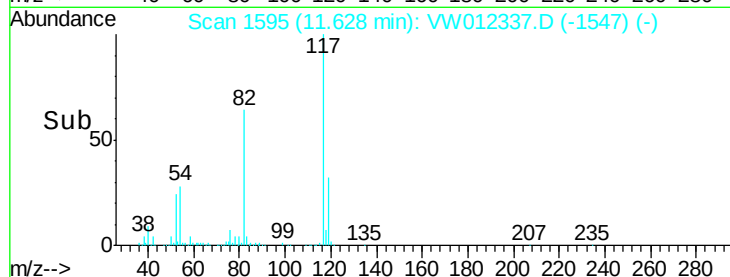
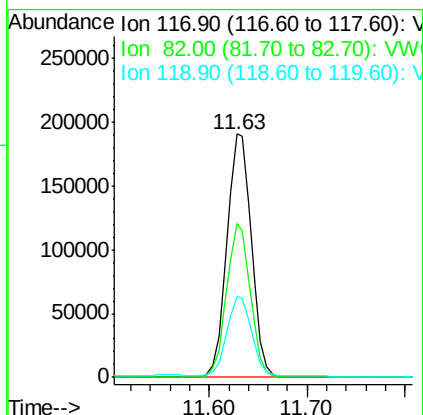
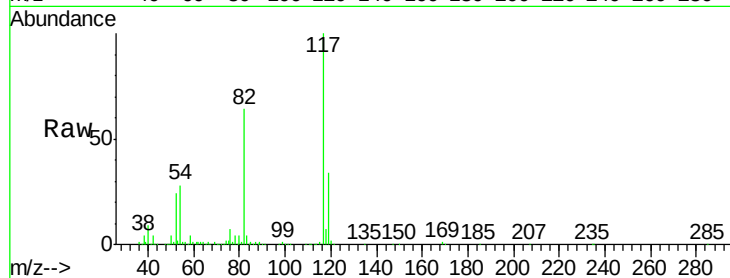




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012337.D
Acq: 30 Aug 2019 07:08

Instrument :
MSVOA_W
ClientSampleId :
SB-12-(13-15)

Tot Ion:117 Resp: 330579
Ion Ratio Lower Upper
117 100
82 63.5 47.4 71.2
119 33.2 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: VW012337.D
Acq: 30 Aug 2019 07:08

Tgt Ion:152 Resp: 134744
Ion Ratio Lower Upper
152 100
115 59.0 30.1 90.3
150 156.6 0.0 345.8

