

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082919\
 Data File : VW012338.D
 Acq On : 30 Aug 2019 07:33
 Operator : SY/VA
 Sample : K4554-07
 Misc : 4.44G/5ML/MSVOA W/SOIL
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-15-(0-2)

Quant Time: Aug 30 09:31:53 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

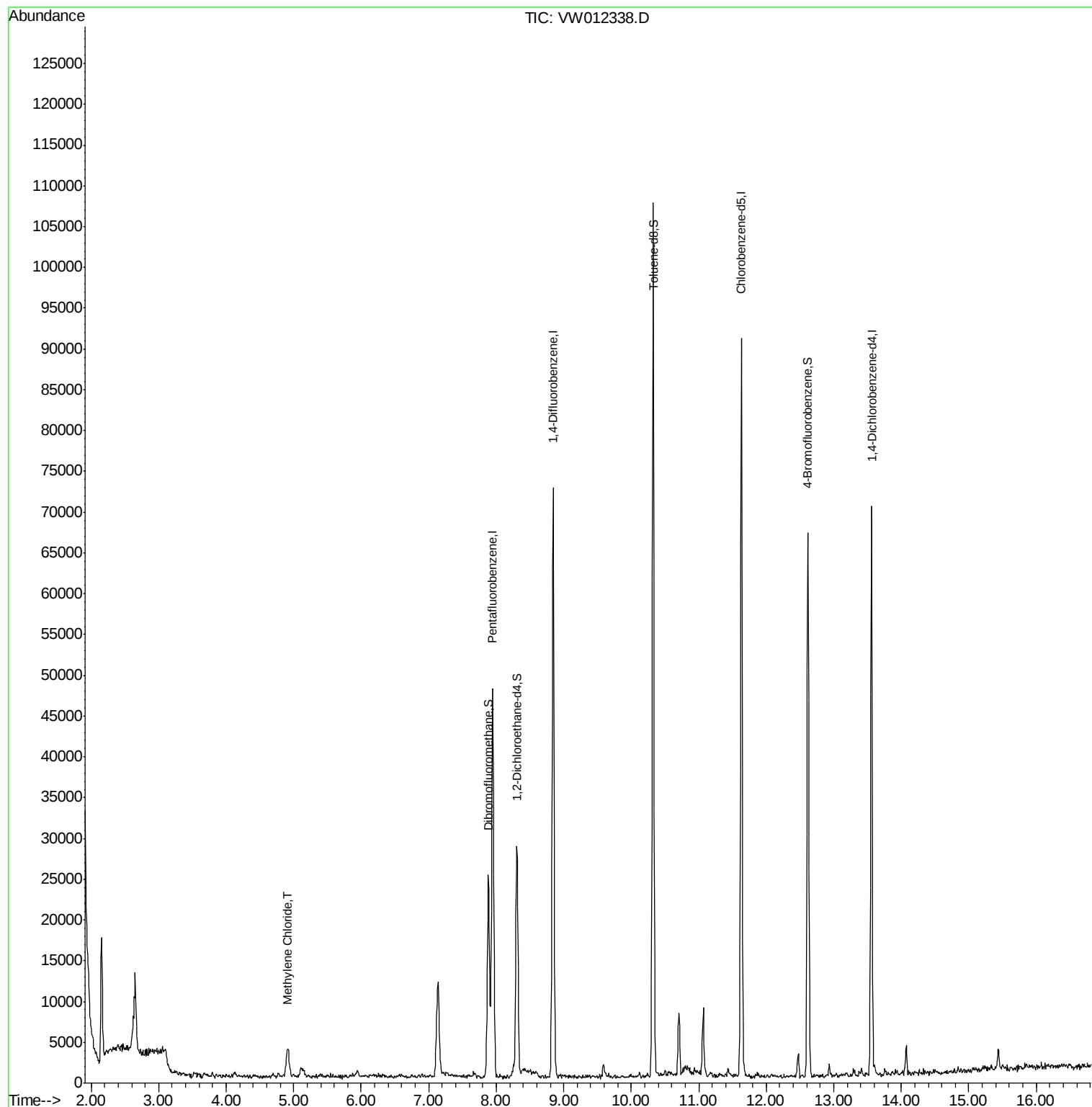
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	34614	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	55276	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	47834	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	17357	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	22946	55.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.54%	
35) Dibromofluoromethane	7.88	113	17724	53.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.44%	
50) Toluene-d8	10.32	98	69051	51.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.22%	
62) 4-Bromofluorobenzene	12.62	95	20549	43.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.14%	
Target Compounds						
20) Methylene Chloride	4.90	84	2158	5.427	ug/l	Qvalue 85

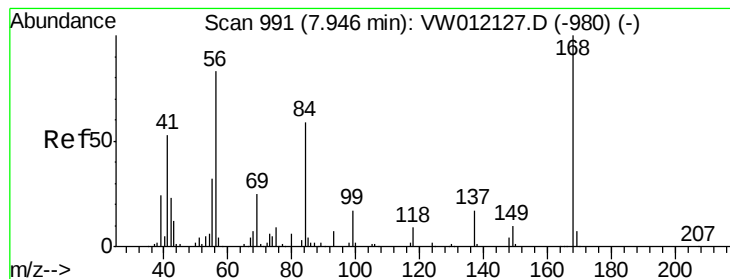
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Aug 26 07:18:31 2019
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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: VW012338.D

Acq: 30 Aug 2019 07:33

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MSVOA_W

ClientSampleId :

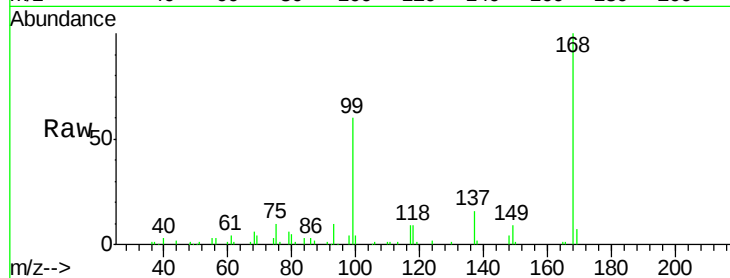
SB-15-(0-2)

Tot Ion:168 Resp: 34614

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

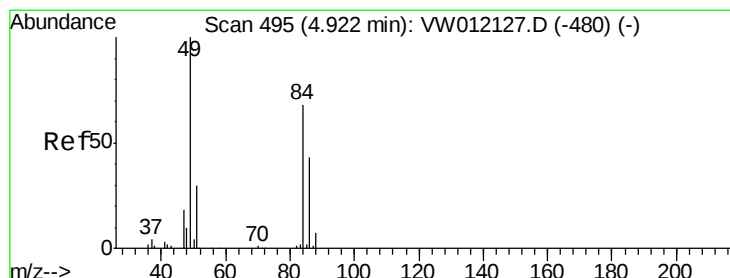
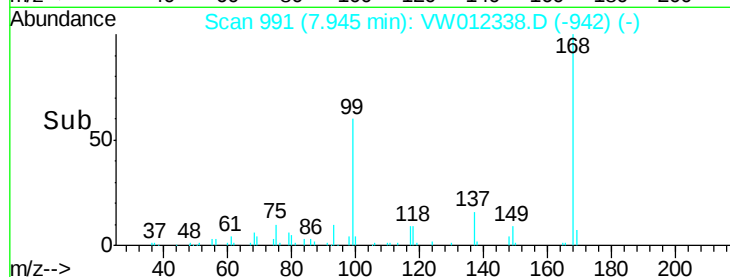
15000

10000

5000

0

Time-->



#20

Methylene Chloride

Concen: 5.427 ug/l

RT: 4.90 min Scan# 492

Delta R.T. -0.02 min

Lab File: VW012338.D

Acq: 30 Aug 2019 07:33

Tgt Ion: 84 Resp: 2158

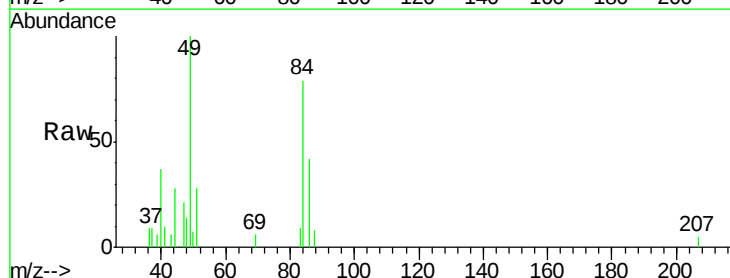
Ion Ratio Lower Upper

84 100

49 127.3 117.8 176.8

51 35.7 35.6 53.4

86 53.4 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

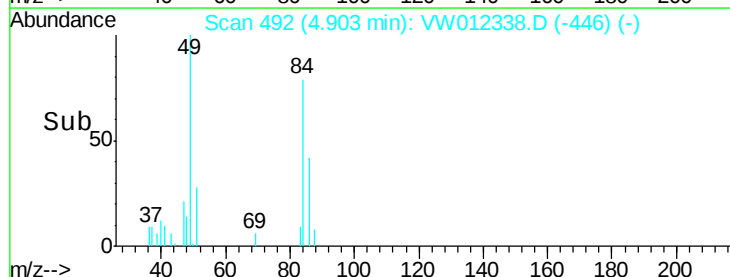
1500

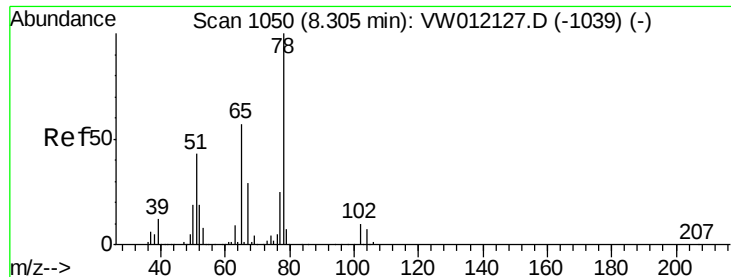
1000

500

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 55.765 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW012338.D

Acq: 30 Aug 2019 07:33

Instrument :

MSVOA_W

ClientSampleId :

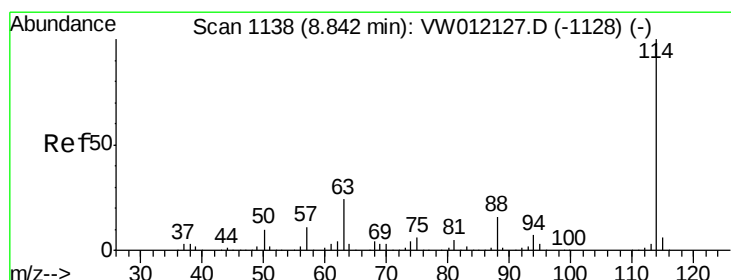
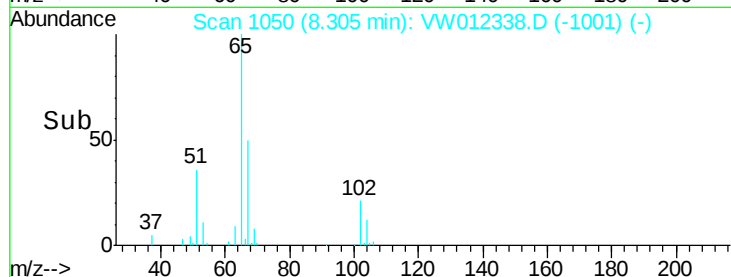
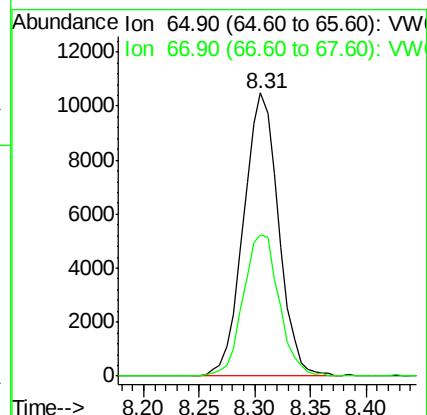
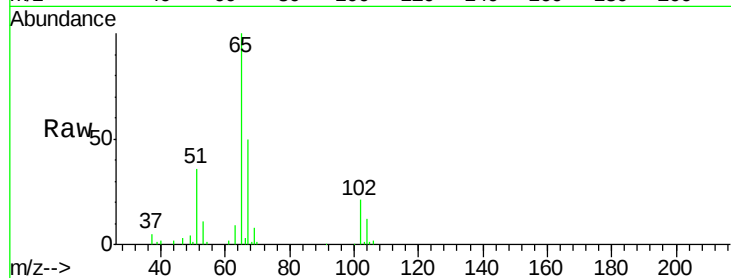
SB-15-(0-2)

Tot Ion: 65 Resp: 22946

Ion Ratio Lower Upper

65 100

67 50.9 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: VW012338.D

Acq: 30 Aug 2019 07:33

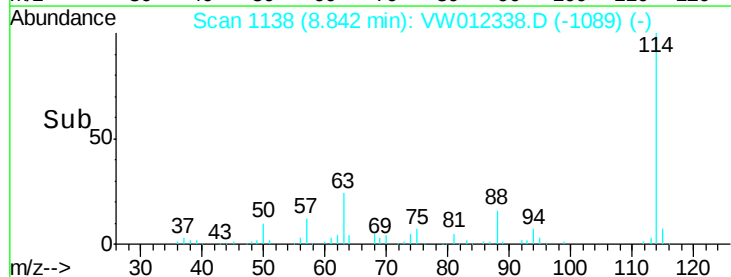
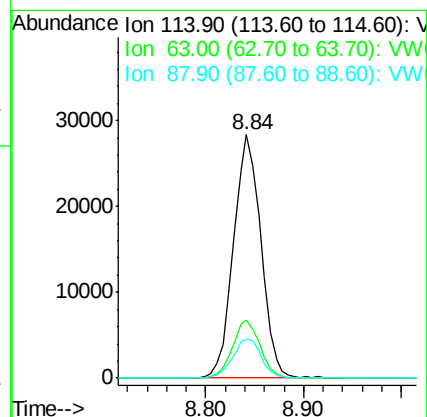
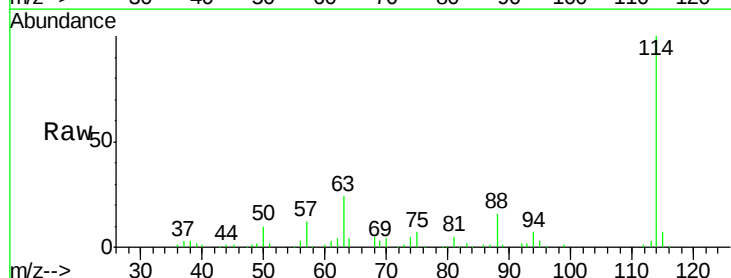
Tgt Ion: 114 Resp: 55276

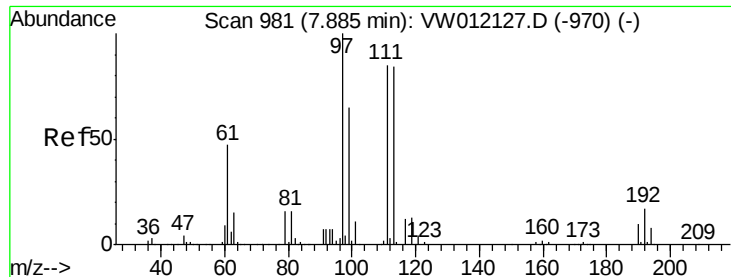
Ion Ratio Lower Upper

114 100

63 23.9 0.0 48.6

88 16.0 0.0 32.2

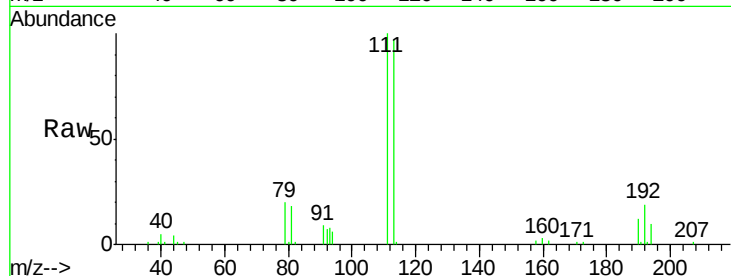




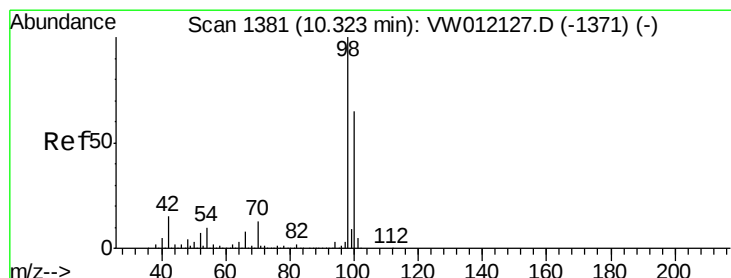
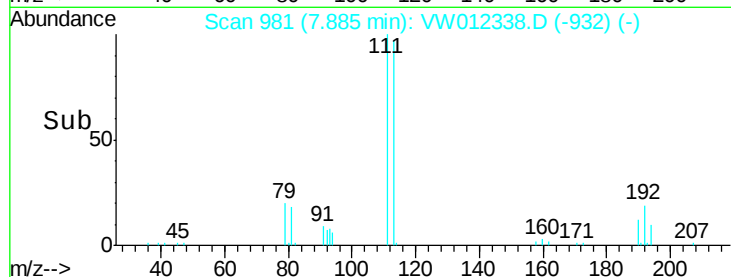
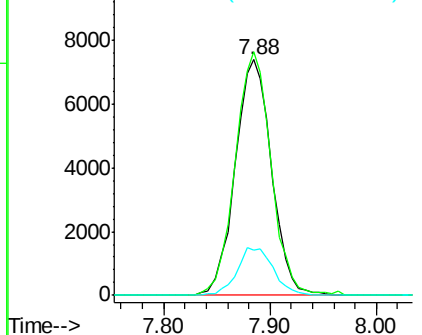
#35
 Dibromofluoromethane
 Concen: 53.718 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW012338.D
 Acq: 30 Aug 2019 07:33

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-15-(0-2)

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.2	82.7	124.1
192	20.2	16.2	24.2

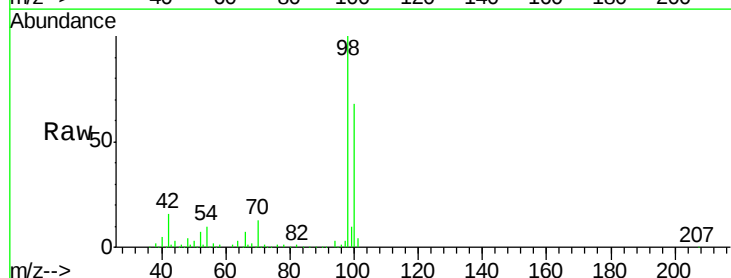


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

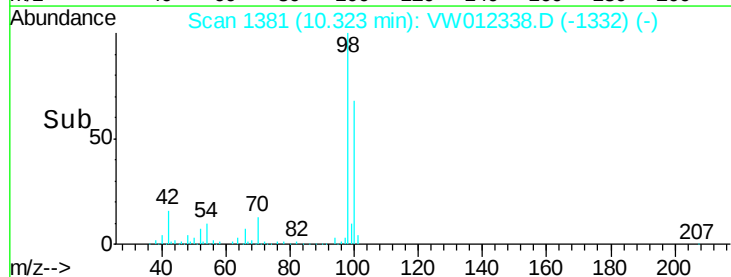
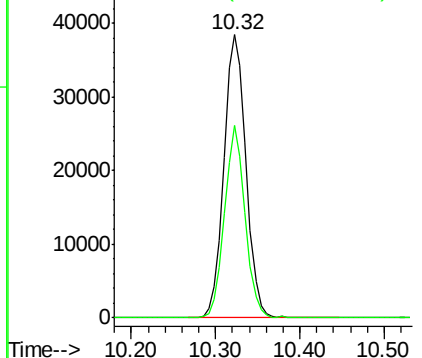


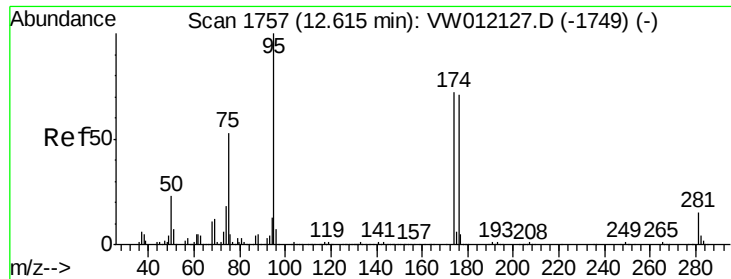
#50
 Toluene-d8
 Concen: 51.614 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. -0.00 min
 Lab File: VW012338.D
 Acq: 30 Aug 2019 07:33

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.4	52.4	78.6



Abundance Ion 98.00 (97.70 to 98.70): VW
 Ion 100.00 (99.70 to 100.70): VW

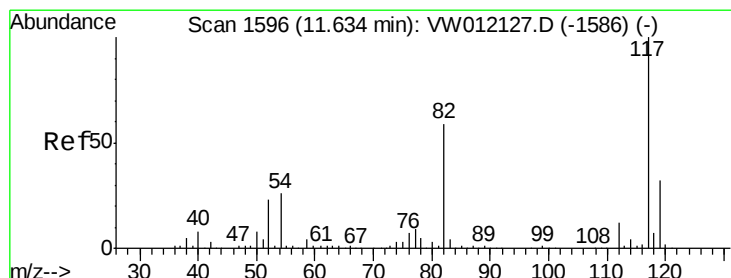
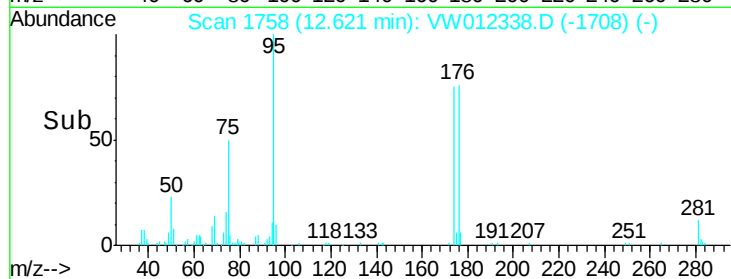
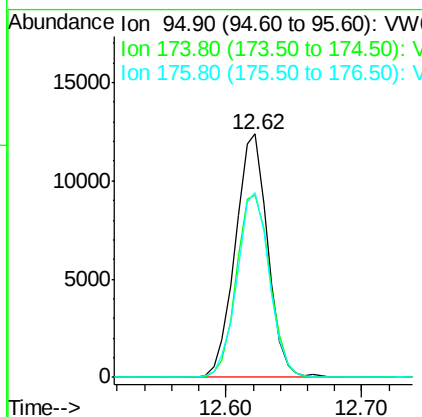
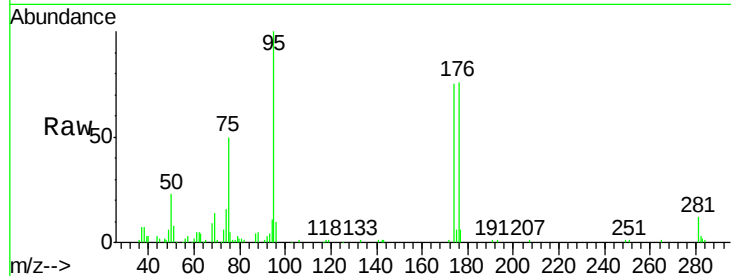




#62
4-Bromofluorobenzene
Concen: 43.575 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.01 min
Lab File: VW012338.D
Acq: 30 Aug 2019 07:33

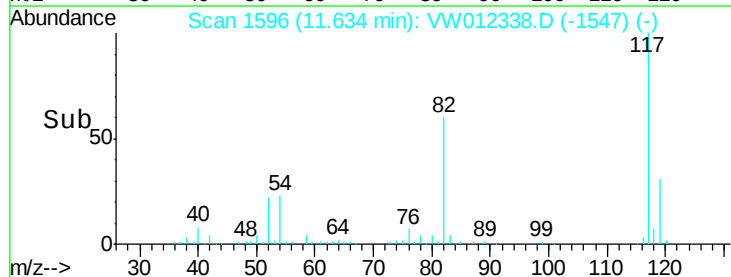
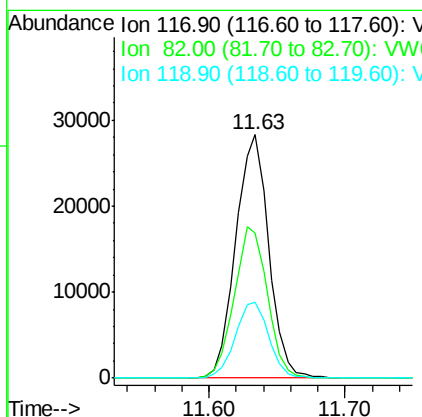
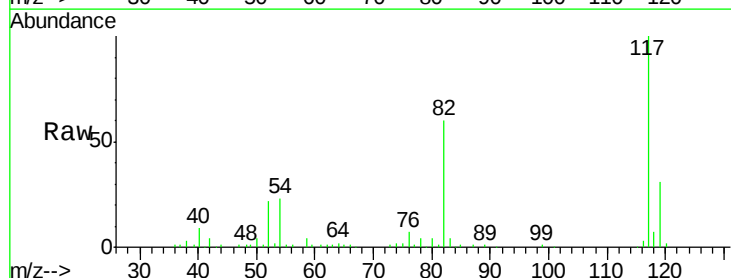
Instrument :
MSVOA_W
ClientSampleId :
SB-15-(0-2)

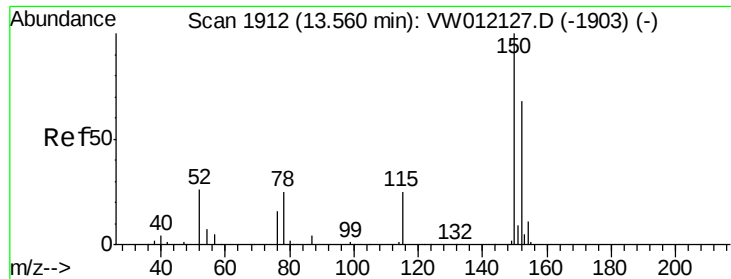
Tot Ion: 95 Resp: 20549
Ion Ratio Lower Upper
95 100
174 77.7 0.0 150.8
176 76.0 0.0 148.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW012338.D
Acq: 30 Aug 2019 07:33

Tgt Ion: 117 Resp: 47834
Ion Ratio Lower Upper
117 100
82 59.6 47.4 71.2
119 31.3 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: VW012338.D

Acq: 30 Aug 2019 07:33

Instrument :

MSVOA_W

ClientSampleId :

SB-15-(0-2)

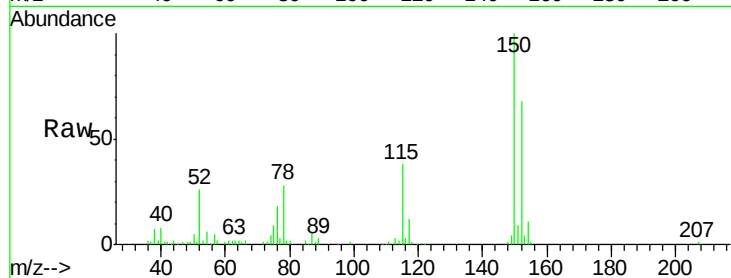
Tot Ion:152 Resp: 17357

Ion Ratio Lower Upper

152 100

115 59.5 30.1 90.3

150 151.0 0.0 345.8



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

