

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082919\
 Data File : VW012314.D
 Acq On : 29 Aug 2019 19:55
 Operator : SY/VA
 Sample : K4510-11
 Misc : 5.01G/5ML/MSVOA W/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-13-6.5-7.0

Quant Time: Aug 30 08:16:25 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

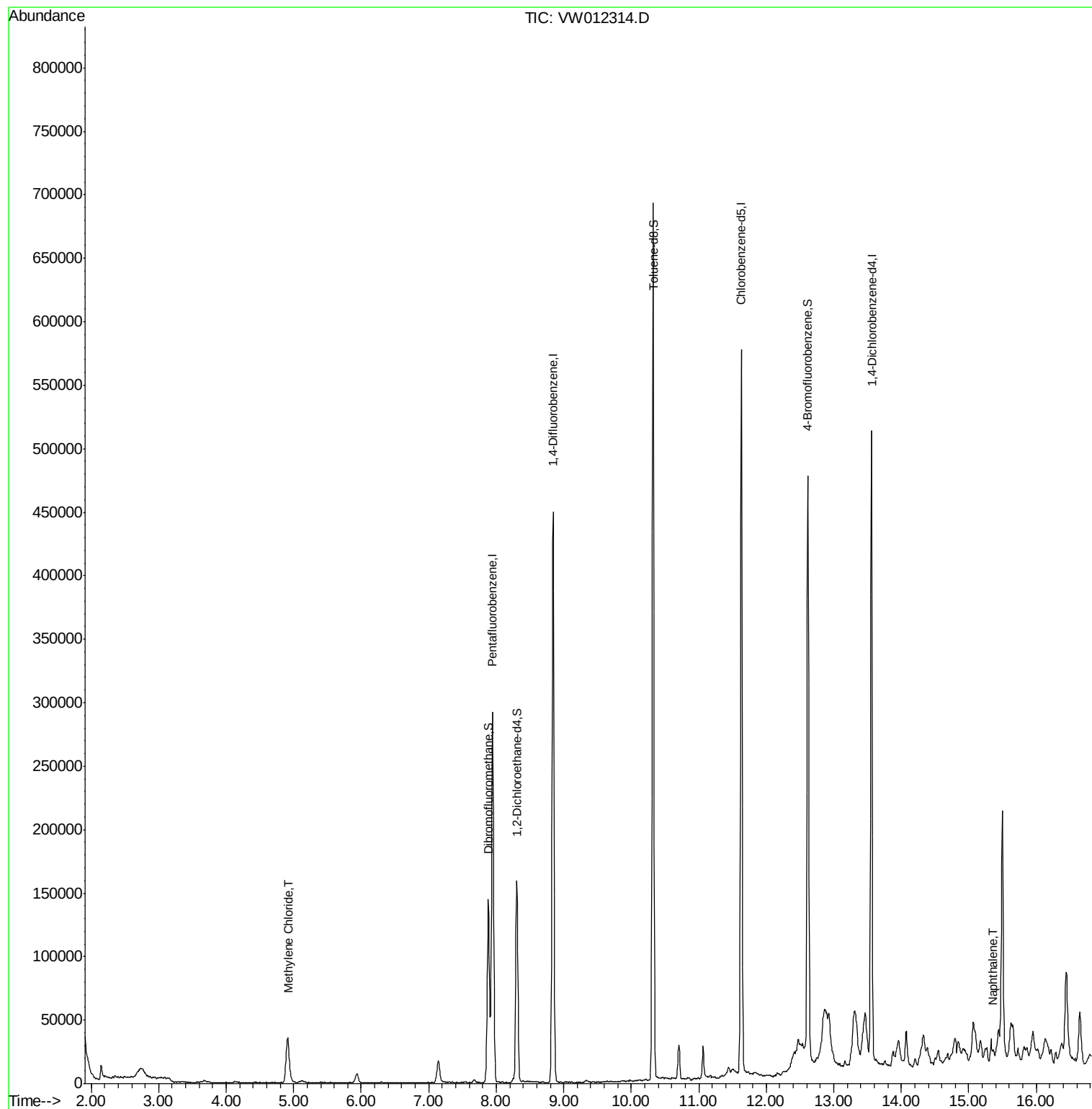
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	215965	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	356344	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	303870	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	128462	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	126941	49.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.90%	
35) Dibromofluoromethane	7.88	113	104420	49.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.18%	
50) Toluene-d8	10.32	98	438730	50.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.74%	
62) 4-Bromofluorobenzene	12.62	95	146272	48.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.22%	
Target Compounds						
20) Methylene Chloride	4.92	84	26210	10.565	ug/l	97
95) Naphthalene	15.36	128	7085	5.657	ug/l	100

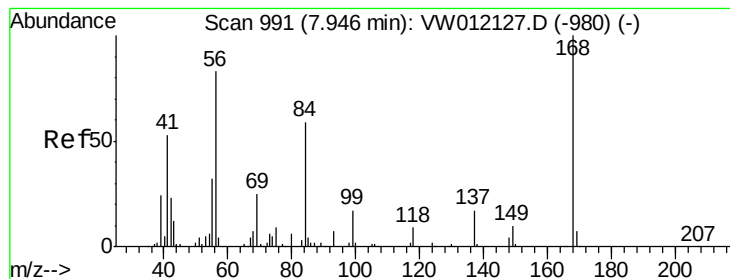
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW082919\
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Quant Title : SW846 8260
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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: VW012314.D

Acq: 29 Aug 2019 19:55

Instrument :

MSVOA_W

ClientSampleId :

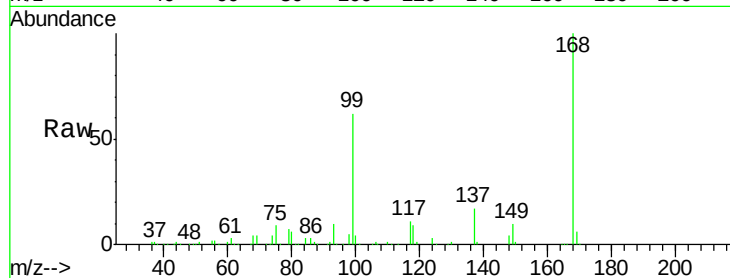
SB-13-6.5-7.0

Tot Ion:168 Resp: 215965

Ion Ratio Lower Upper

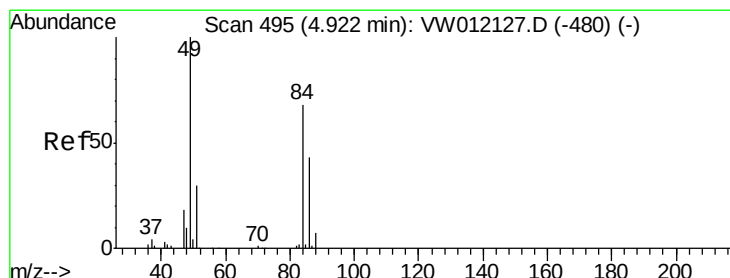
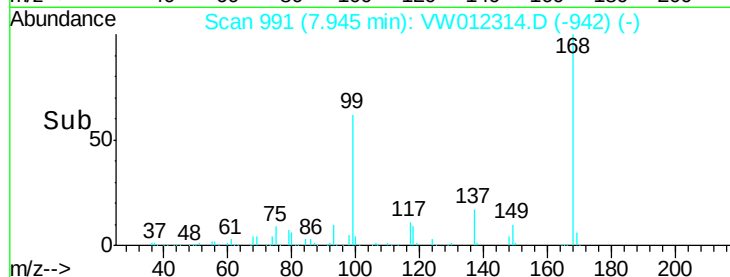
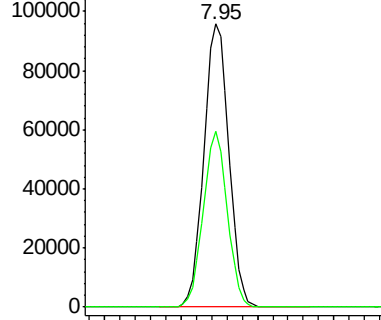
168 100

99 62.3 49.2 73.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#20

Methylene Chloride

Concen: 10.565 ug/l

RT: 4.92 min Scan# 494

Delta R.T. -0.01 min

Lab File: VW012314.D

Acq: 29 Aug 2019 19:55

Tgt Ion: 84 Resp: 26210

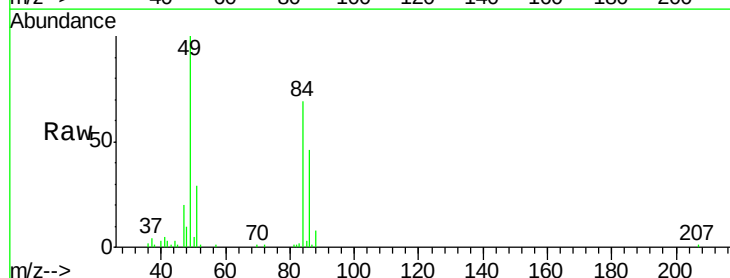
Ion Ratio Lower Upper

84 100

49 144.1 117.8 176.8

51 41.9 35.6 53.4

86 66.9 51.2 76.8

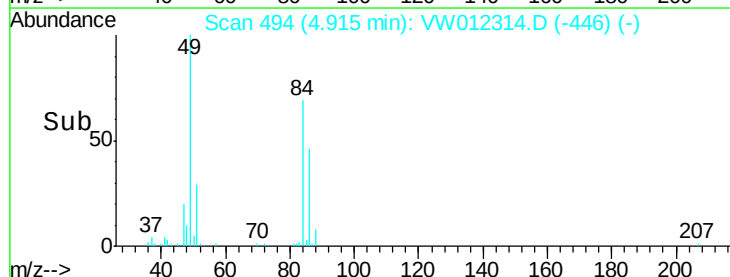
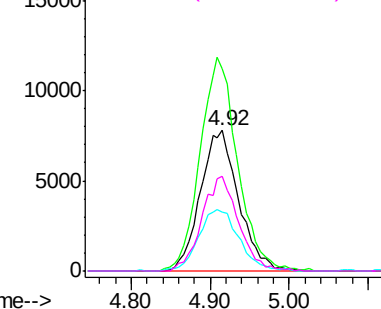


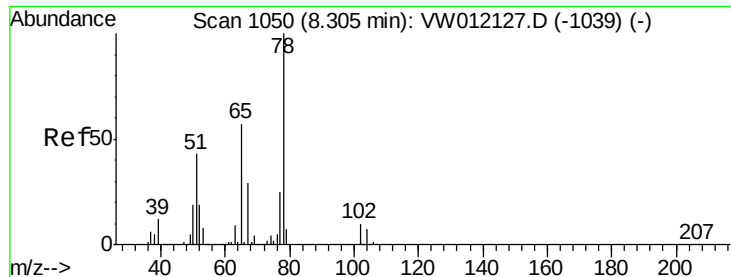
Abundance Ion 83.90 (83.60 to 84.60): VW

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

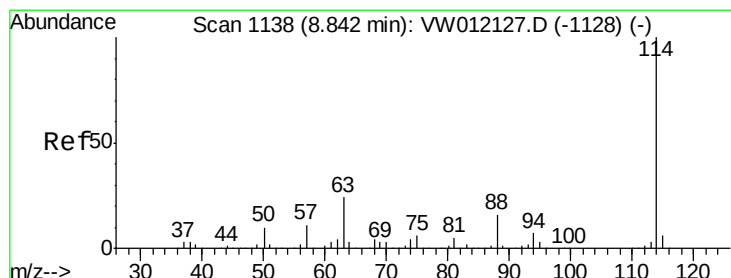
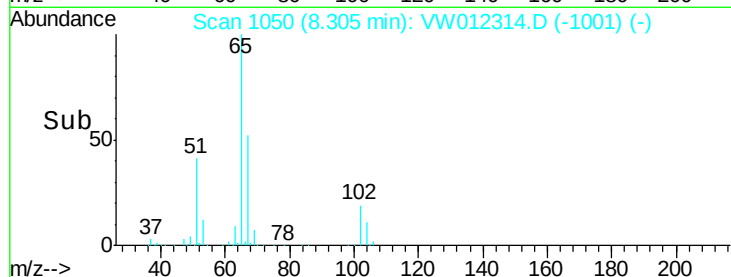
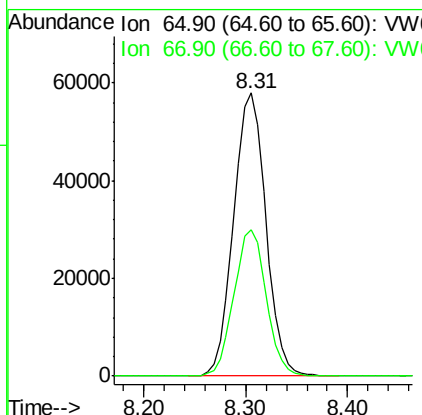
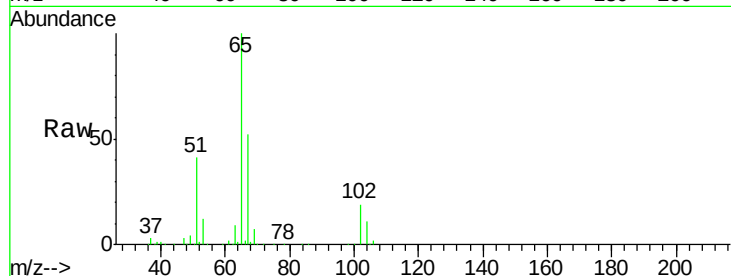




#33
 1,2-Dichloroethane-d4
 Concen: 49.445 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW012314.D
 Acq: 29 Aug 2019 19:55

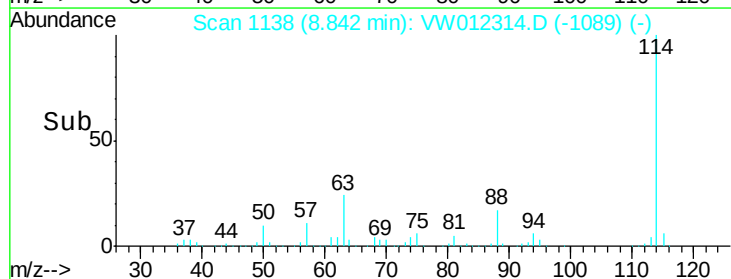
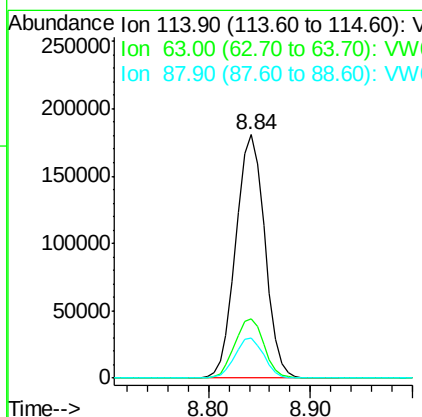
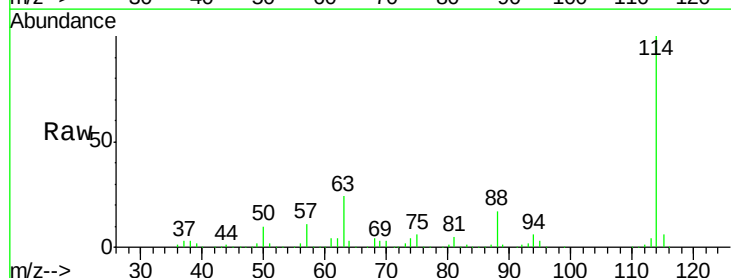
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-13-6.5-7.0

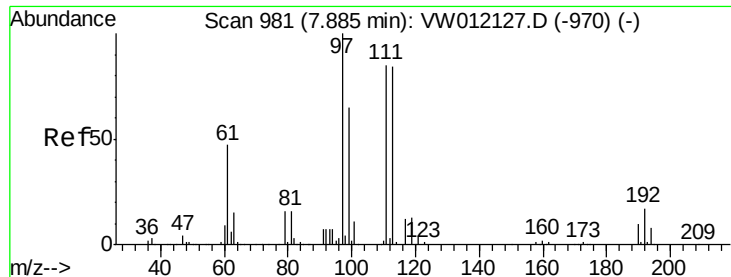
Tot Ion: 65 Resp: 126941
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW012314.D
 Acq: 29 Aug 2019 19:55

Tgt Ion: 114 Resp: 356344
 Ion Ratio Lower Upper
 114 100
 63 24.4 0.0 48.6
 88 16.6 0.0 32.2

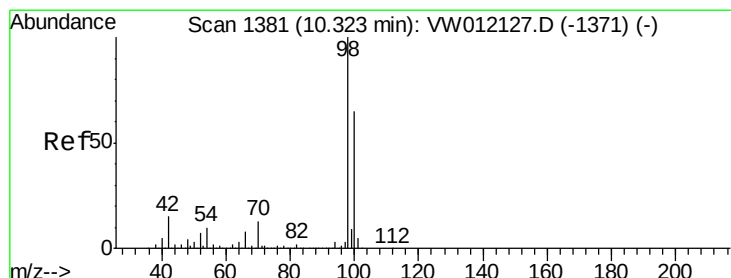
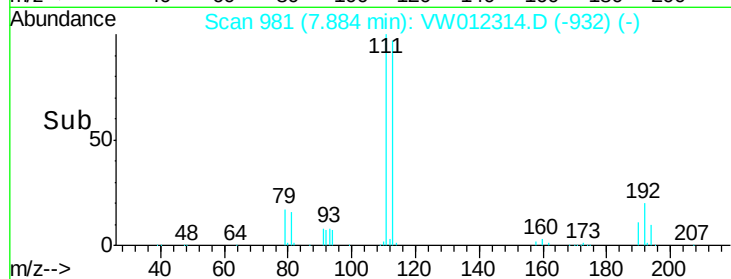
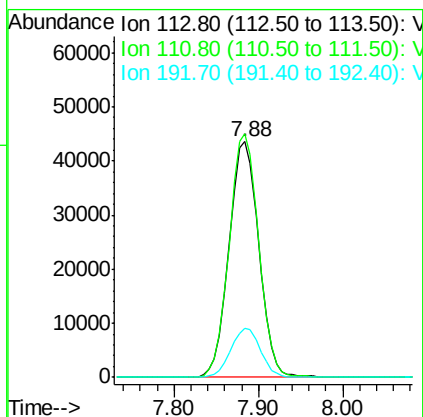
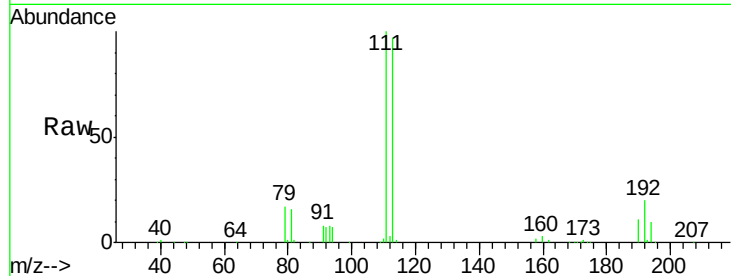




#35
 Dibromofluoromethane
 Concen: 49.092 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW012314.D
 Acq: 29 Aug 2019 19:55

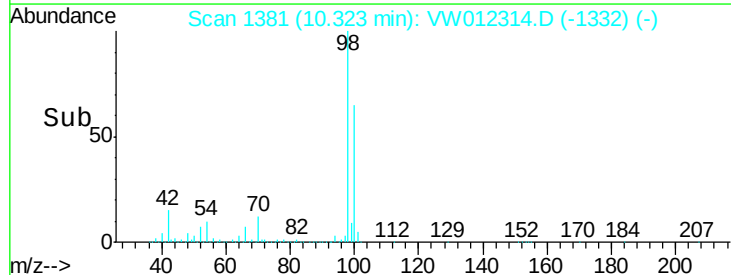
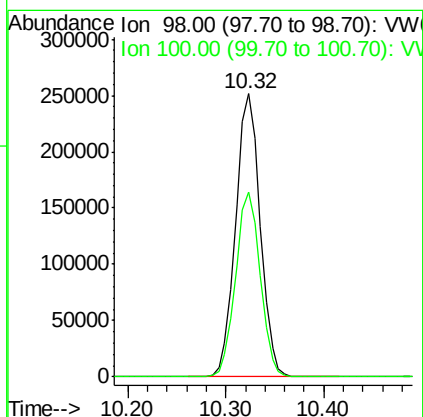
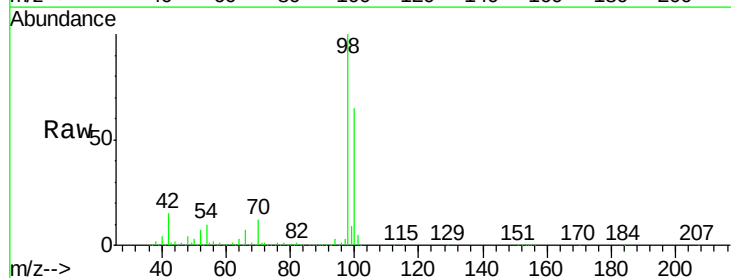
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-13-6.5-7.0

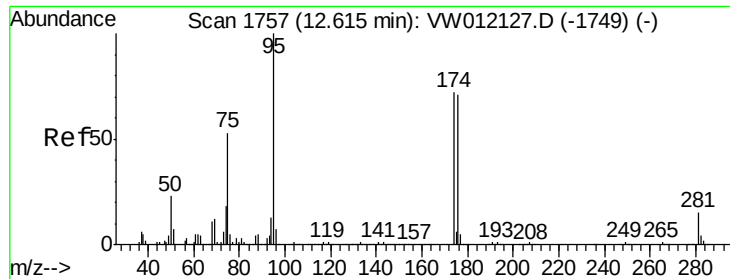
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.3	82.7	124.1
192	20.6	16.2	24.2



#50
 Toluene-d8
 Concen: 50.870 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. -0.00 min
 Lab File: VW012314.D
 Acq: 29 Aug 2019 19:55

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.3	52.4	78.6

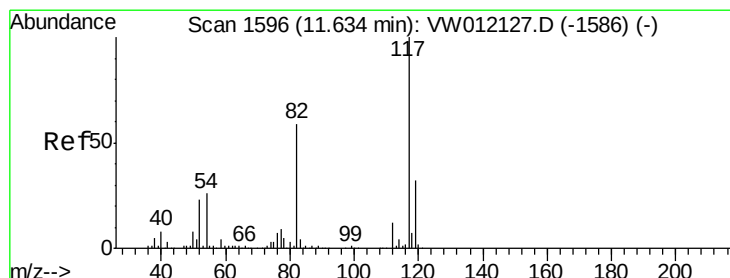
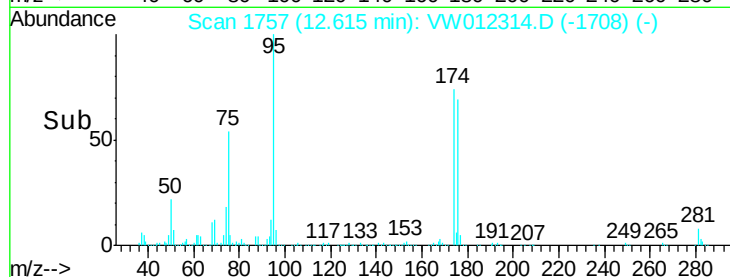
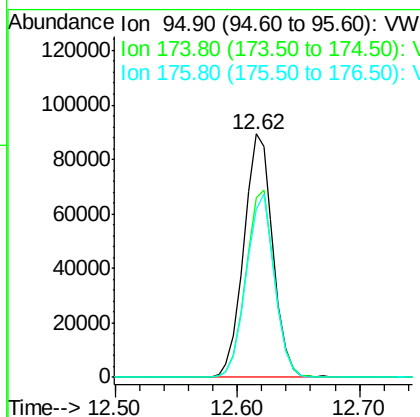
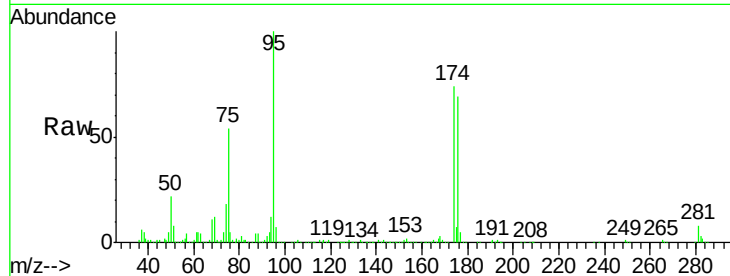




#62
4-Bromofluorobenzene
Concen: 48.114 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW012314.D
Acq: 29 Aug 2019 19:55

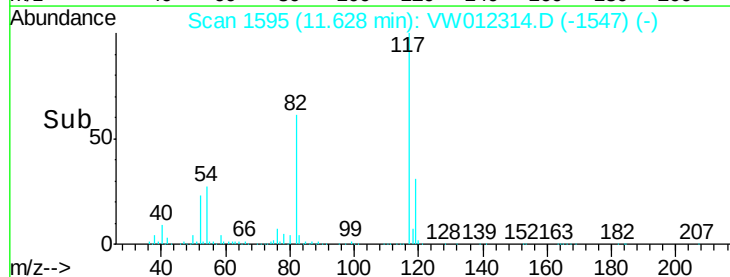
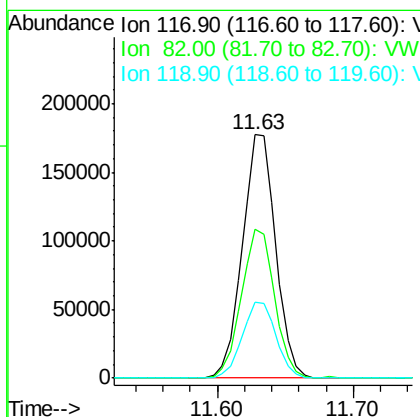
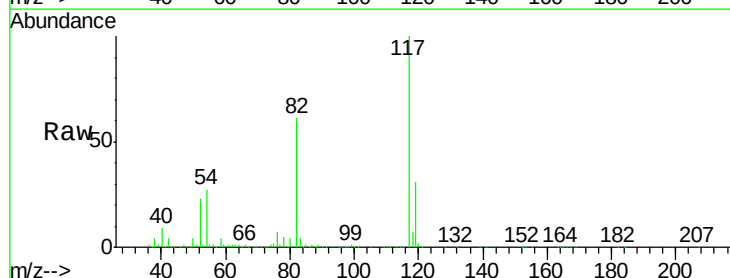
Instrument :
MSVOA_W
ClientSampleId :
SB-13-6.5-7.0

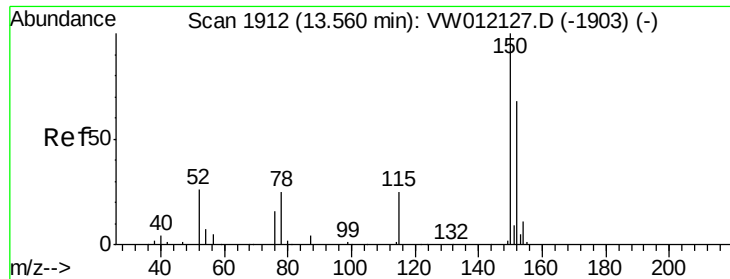
Tot Ion: 95 Resp: 146272
Ion Ratio Lower Upper
95 100
174 76.3 0.0 150.8
176 74.0 0.0 148.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012314.D
Acq: 29 Aug 2019 19:55

Tgt Ion: 117 Resp: 303870
Ion Ratio Lower Upper
117 100
82 60.8 47.4 71.2
119 31.3 25.4 38.2



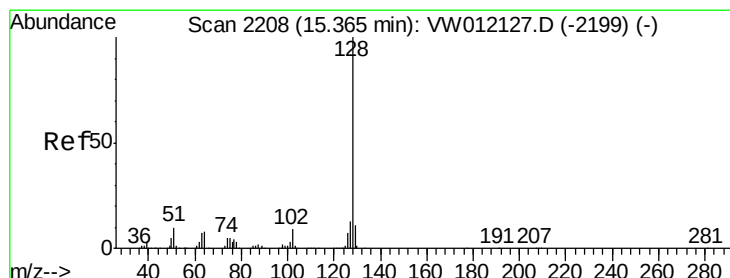
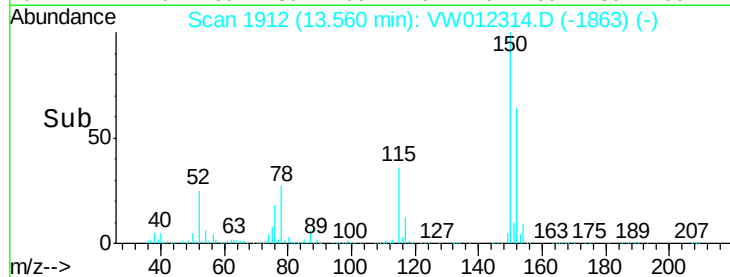
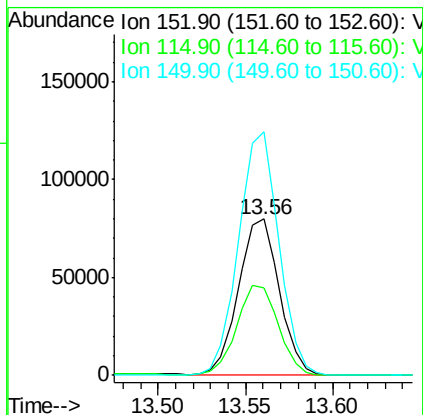
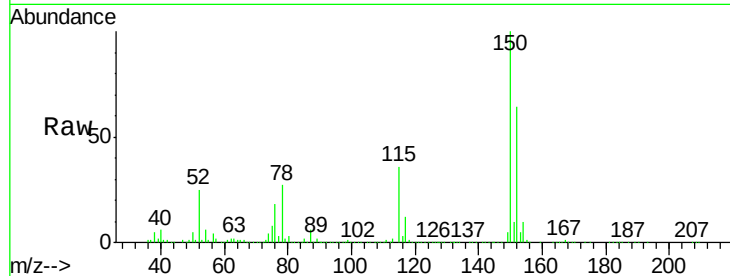


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW012314.D
Acq: 29 Aug 2019 19:55

Instrument :
MSVOA_W
ClientSampleId :
SB-13-6.5-7.0

Tot Ion	Ratio	Lower	Upper
152	100		
115	59.0	30.1	90.3
150	155.0	0.0	345.8



#95

Naphthalene
Concen: 5.657 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. 0.00 min
Lab File: VW012314.D
Acq: 29 Aug 2019 19:55

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.7	16.1
129	11.1	8.7	13.1

