

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090219\
 Data File : VW012500.D
 Acq On : 02 Sep 2019 15:45
 Operator : SY/VA
 Sample : K4528-18
 Misc : 4.87G/5ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 T9-12-13-S4-(1.9)

Quant Time: Sep 03 08:13:58 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

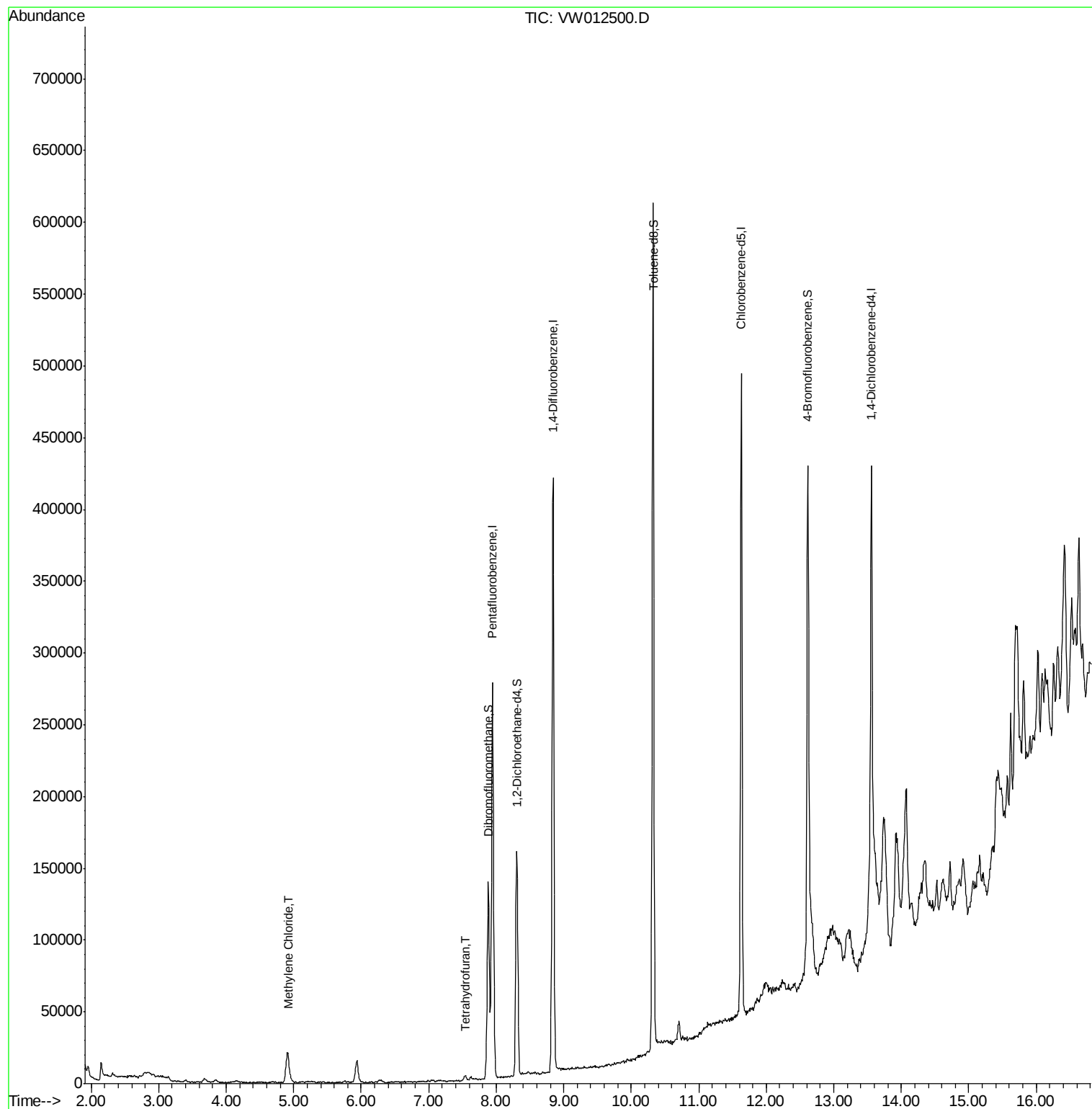
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	201058	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	324446	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	235813	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	69117	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	127508	53.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.70%	
35) Dibromofluoromethane	7.88	113	98497	50.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.72%	
50) Toluene-d8	10.32	98	378179	48.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.32%	
62) 4-Bromofluorobenzene	12.62	95	117890	42.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.18%	
Target Compounds						
20) Methylene Chloride	4.92	84	15450	6.689	ug/l	97
29) Tetrahydrofuran	7.54	42	3087	6.198	ug/l #	88

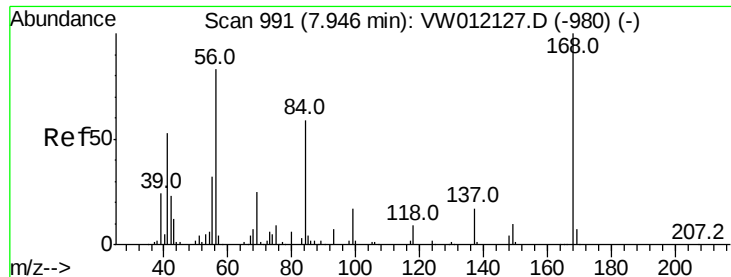
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Aug 26 07:18:31 2019
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: VW012500.D

Acq: 02 Sep 2019 15:45

Instrument :

MSVOA_W

ClientSampleId :

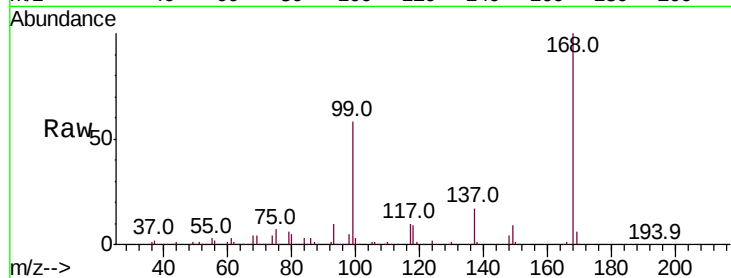
T9-12-13-S4-(1.9)

Tot Ion:168 Resp: 201058

Ion Ratio Lower Upper

168 100

99 58.3 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

100000

80000

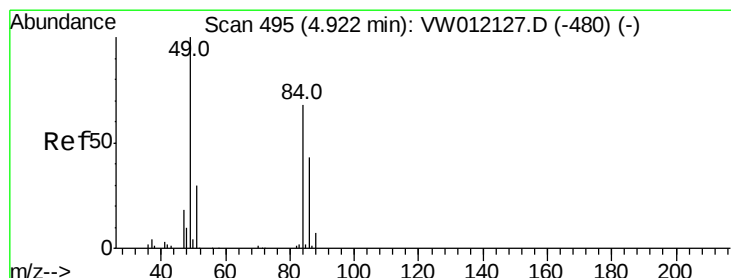
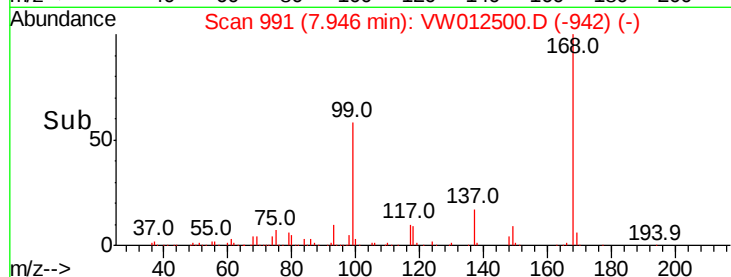
60000

40000

20000

0

Time-->



#20

Methylene Chloride

Concen: 6.689 ug/l

RT: 4.92 min Scan# 494

Delta R.T. -0.01 min

Lab File: VW012500.D

Acq: 02 Sep 2019 15:45

Tgt Ion: 84 Resp: 15450

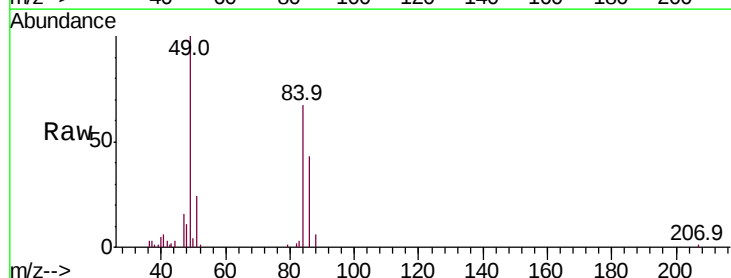
Ion Ratio Lower Upper

84 100

49 148.7 117.8 176.8

51 35.8 35.6 53.4

86 63.2 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

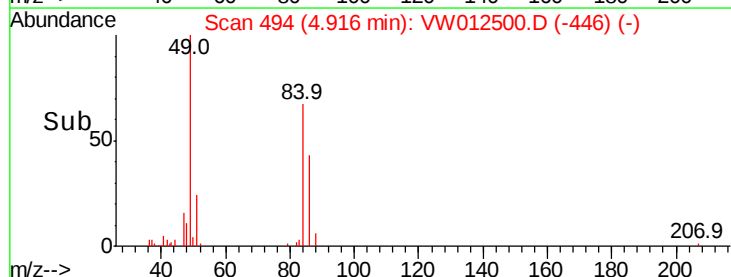
6000

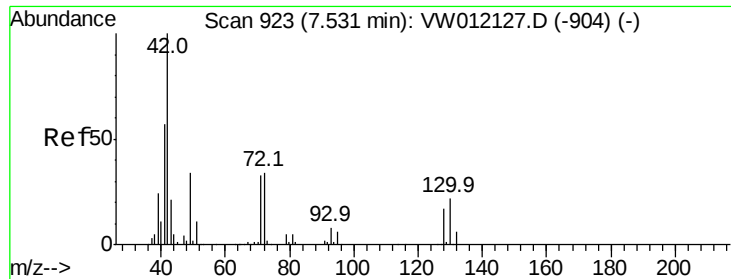
4000

2000

0

Time-->

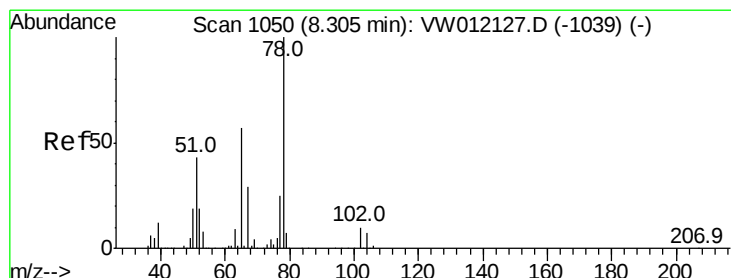
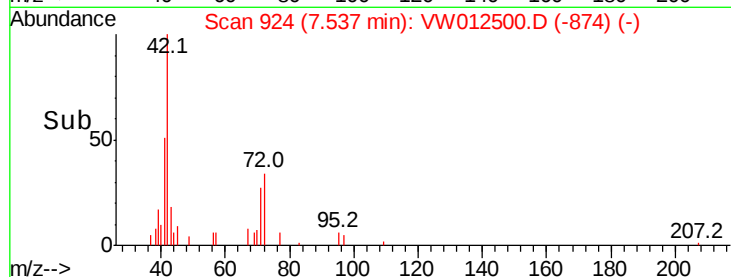
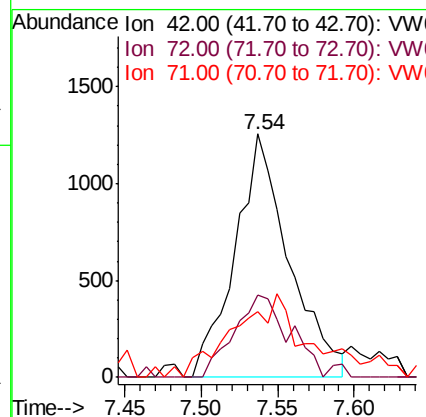
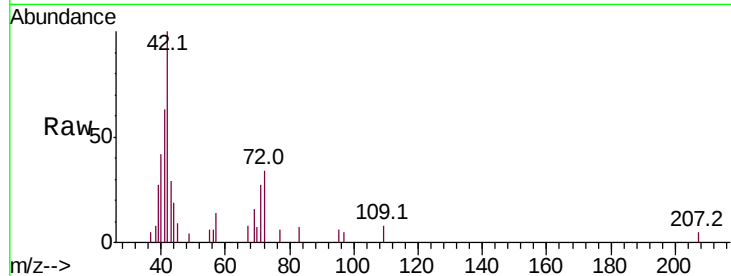




#29
Tetrahydrofuran
Concen: 6.198 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.01 min
Lab File: VW012500.D
Acq: 02 Sep 2019 15:45

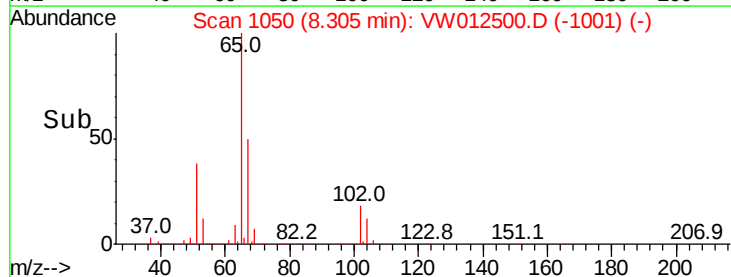
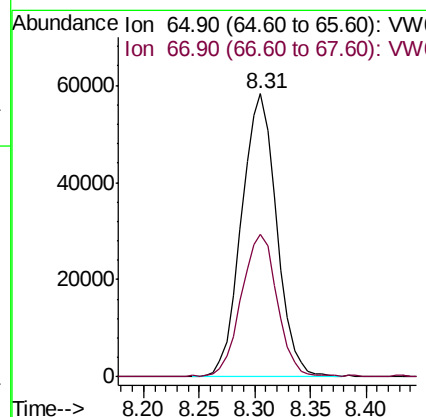
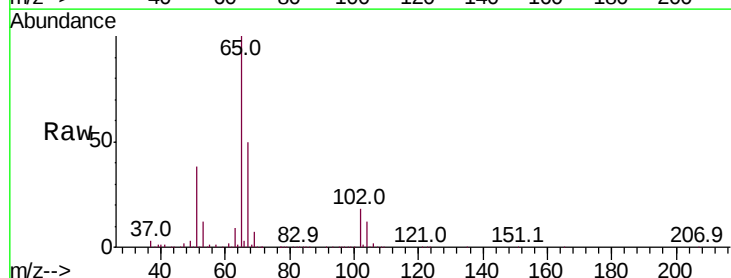
Instrument :
MSVOA_W
ClientSampleId :
T9-12-13-S4-(1.9)

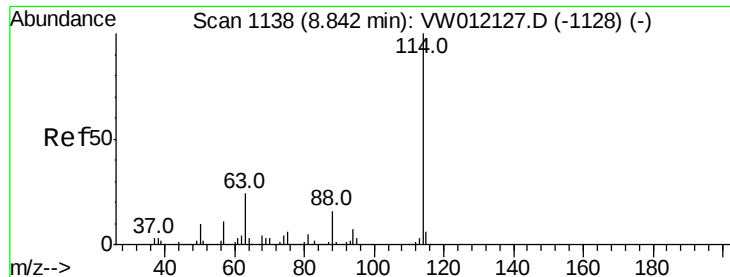
Tot Ion: 42 Resp: 3087
Ion Ratio Lower Upper
42 100
72 34.2 27.3 40.9
71 45.9 25.5 38.3#



#33
1,2-Dichloroethane-d4
Concen: 53.349 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VW012500.D
Acq: 02 Sep 2019 15:45

Tgt Ion: 65 Resp: 127508
Ion Ratio Lower Upper
65 100
67 51.1 0.0 102.6

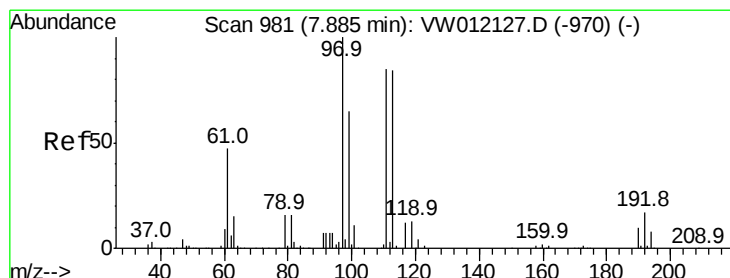
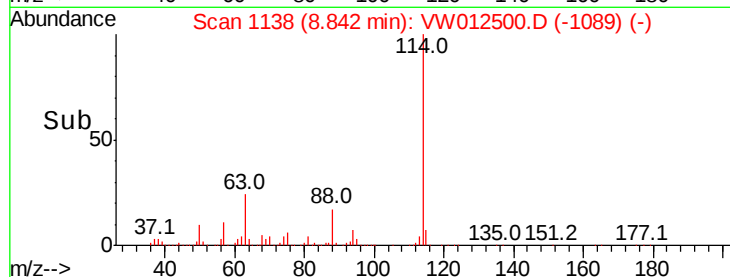
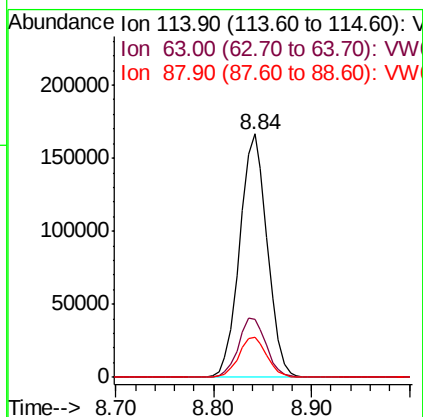
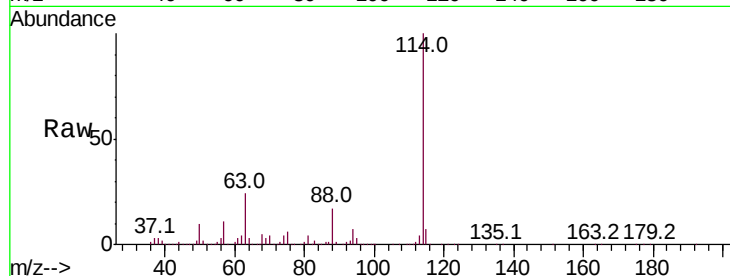




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW012500.D
 Acq: 02 Sep 2019 15:45

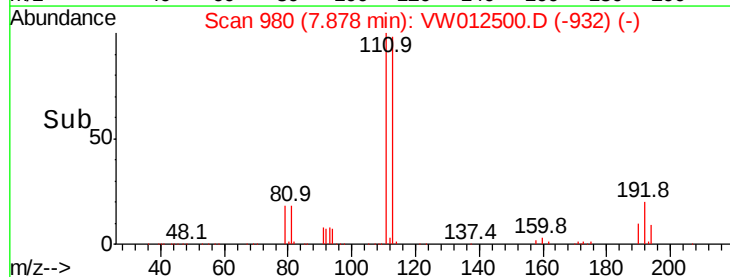
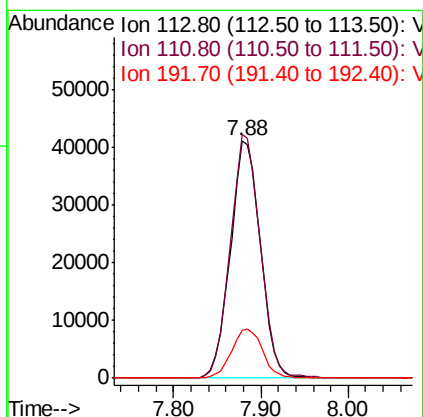
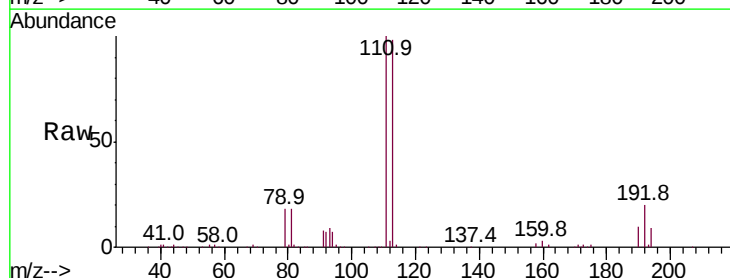
Instrument :
 MSVOA_W
 ClientSampleId :
 T9-12-13-S4-(1.9)

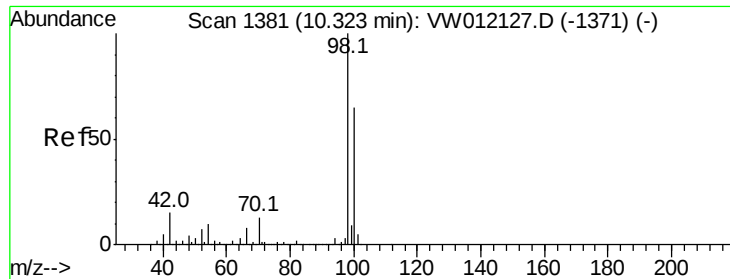
Tot Ion	Ratio	Lower	Upper
114	100		
63	24.1	0.0	48.6
88	16.5	0.0	32.2



#35
 Dibromofluoromethane
 Concen: 50.860 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW012500.D
 Acq: 02 Sep 2019 15:45

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.1	82.7	124.1
192	21.2	16.2	24.2





#50

Toluene-d8

Concen: 48.161 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW012500.D

Acq: 02 Sep 2019 15:45

Instrument :

MSVOA_W

ClientSampleId :

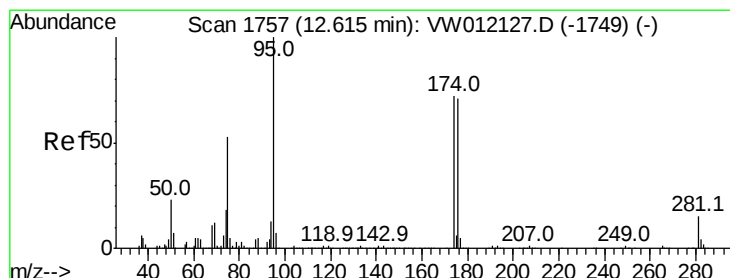
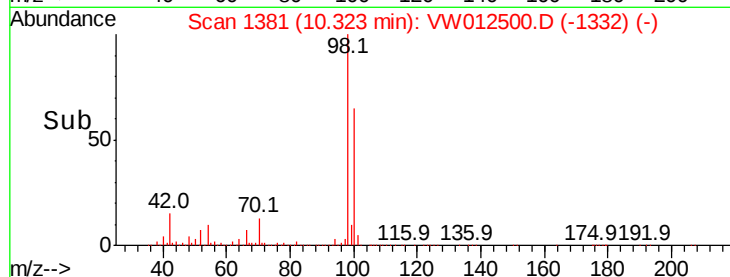
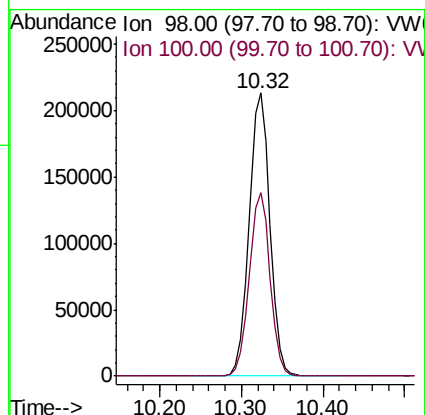
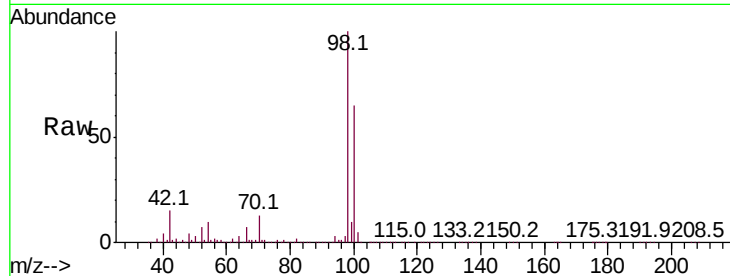
T9-12-13-S4-(1.9)

Tot Ion: 98 Resp: 378179

Ion Ratio Lower Upper

98 100

100 64.9 52.4 78.6



#62

4-Bromofluorobenzene

Concen: 42.591 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VW012500.D

Acq: 02 Sep 2019 15:45

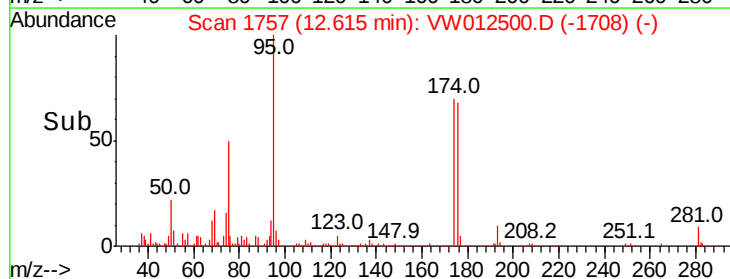
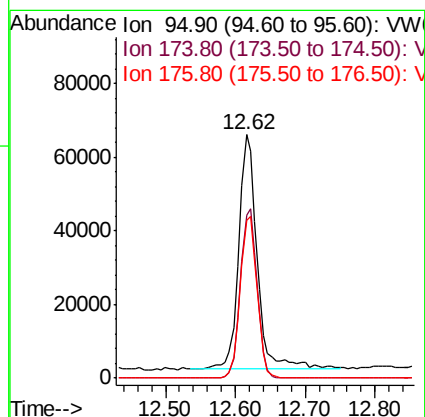
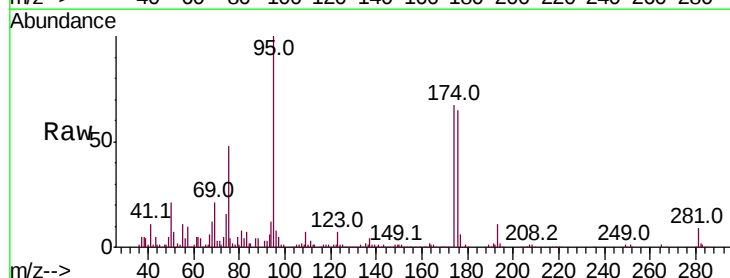
Tgt Ion: 95 Resp: 117890

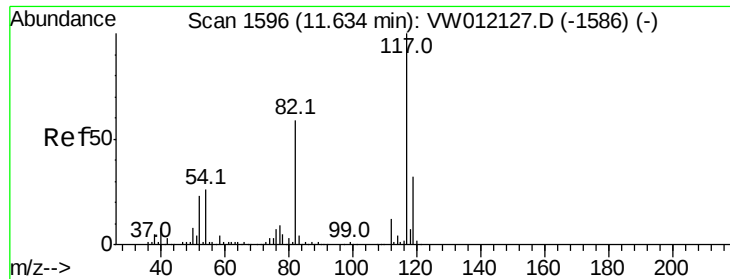
Ion Ratio Lower Upper

95 100

174 64.5 0.0 150.8

176 61.7 0.0 148.6

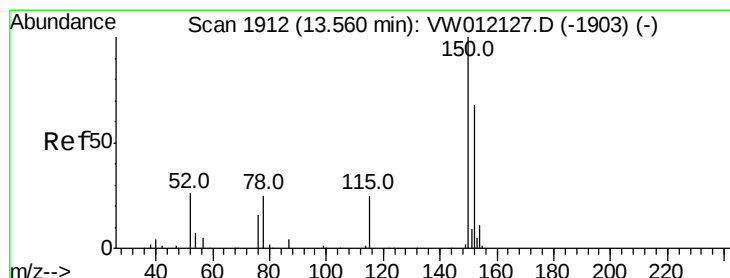
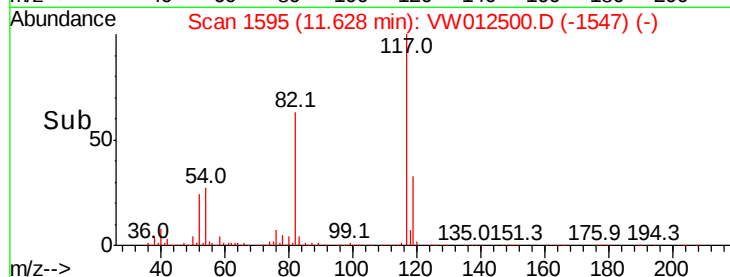
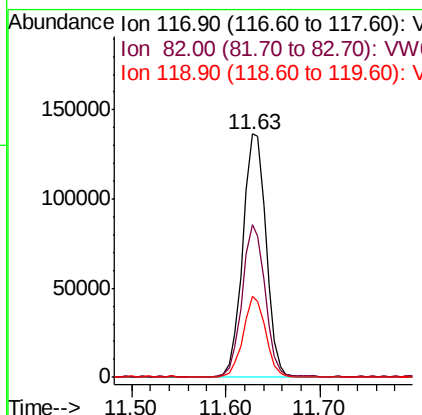
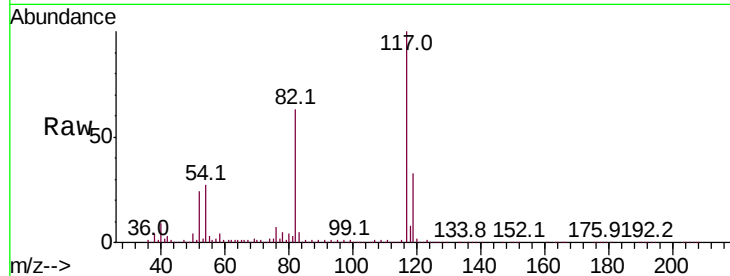




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012500.D
Acq: 02 Sep 2019 15:45

Instrument :
MSVOA_W
ClientSampleId :
T9-12-13-S4-(1.9)

Tot Ion	Ratio	Lower	Upper
117	100		
82	62.6	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: VW012500.D
Acq: 02 Sep 2019 15:45

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.2	30.1	90.3
150	144.8	0.0	345.8

