

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091019\
 Data File : VW012875.D
 Acq On : 10 Sep 2019 17:16
 Operator : SY/VA
 Sample : K4692-07
 Misc : 5.01G/5ML/MSVOA W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-29-9.5-10.0

Quant Time: Sep 10 18:20:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090719S.M
 Quant Title : SW846 8260
 QLast Update : Sun Sep 08 05:04:40 2019
 Response via : Initial Calibration

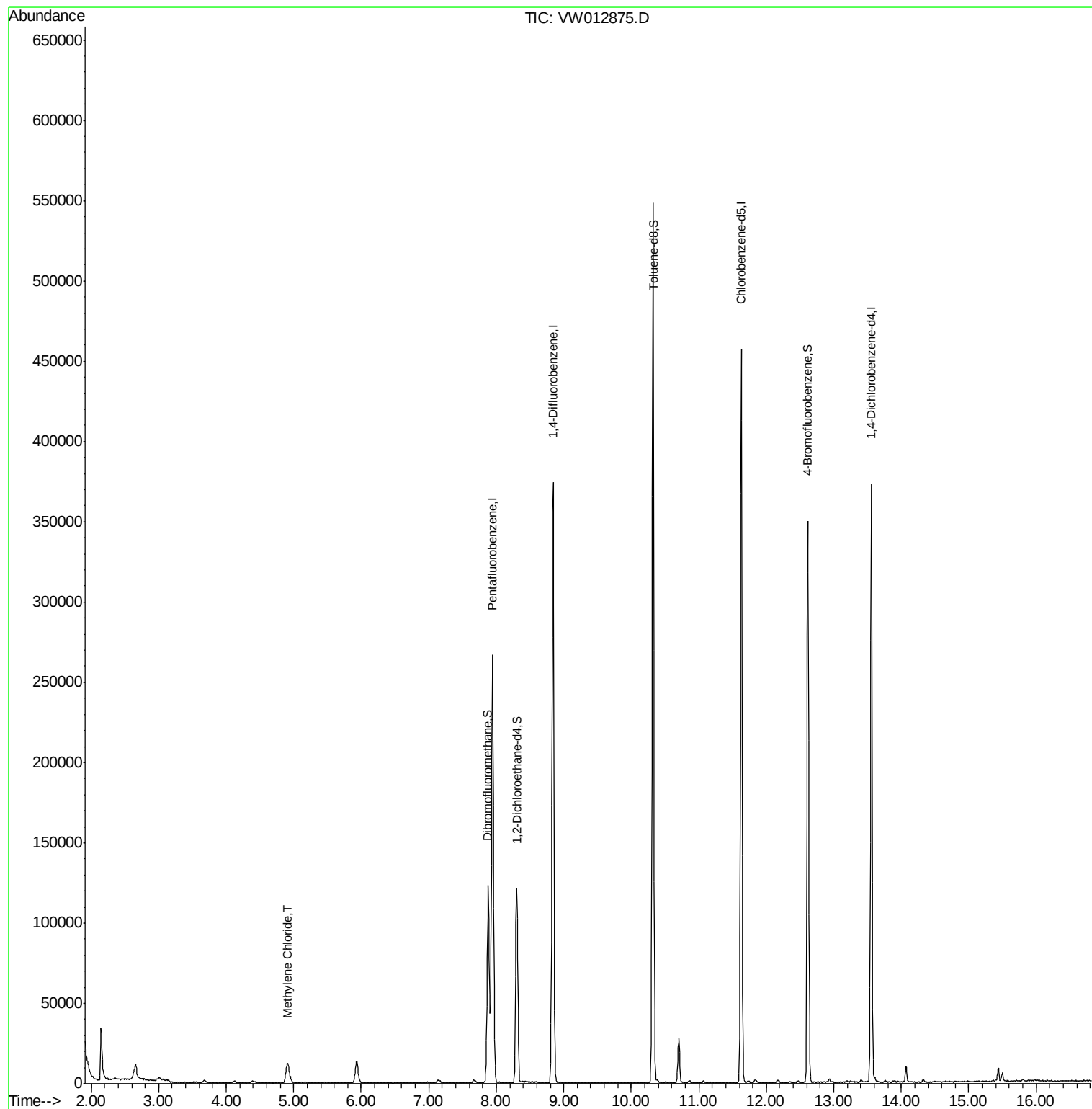
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	202961	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	305504	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	243080	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	98848	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	100618	44.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.74%	
35) Dibromofluoromethane	7.88	113	86760	47.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.54%	
50) Toluene-d8	10.32	98	355976	50.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.06%	
62) 4-Bromofluorobenzene	12.62	95	108479	41.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.98%	
Target Compounds						
20) Methylene Chloride	4.90	84	9929	5.134	ug/l	Qvalue 91

(#) = 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

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Instrument :

MSVOA_W

ClientSampleId :

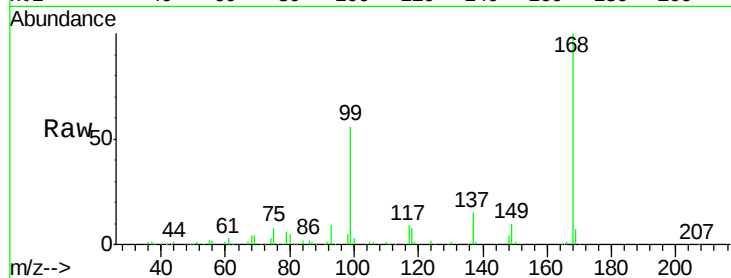
SB-29-9.5-10.0

Tot Ion:168 Resp: 202961

Ion Ratio Lower Upper

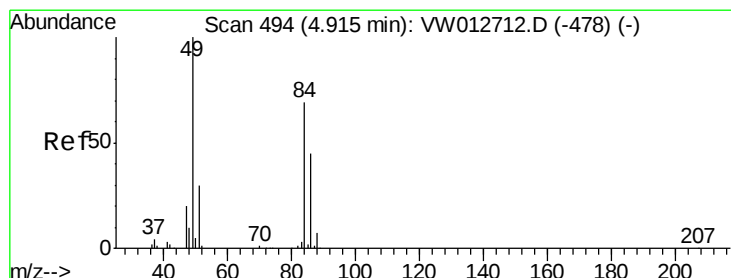
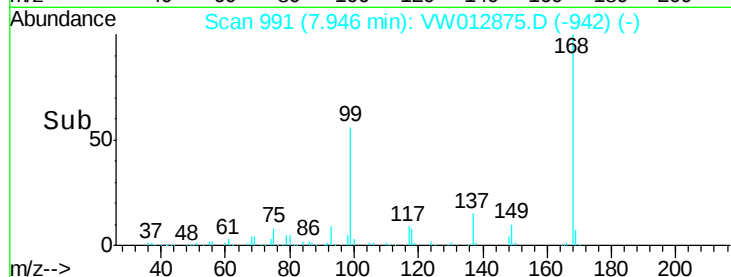
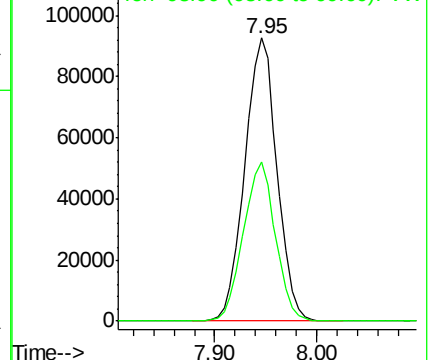
168 100

99 56.2 47.8 71.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#20

Methylene Chloride

Concen: 5.134 ug/l

RT: 4.90 min Scan# 492

Delta R.T. -0.01 min

Lab File: VW012875.D

Acq: 10 Sep 2019 17:16

Tgt Ion: 84 Resp: 9929

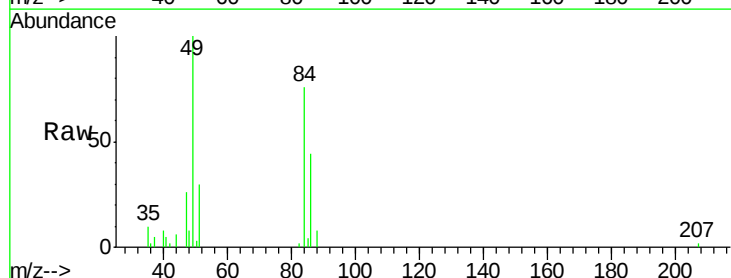
Ion Ratio Lower Upper

84 100

49 131.3 115.4 173.0

51 39.7 34.9 52.3

86 57.8 52.2 78.4

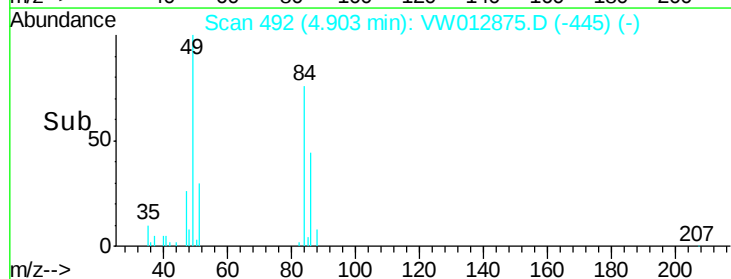
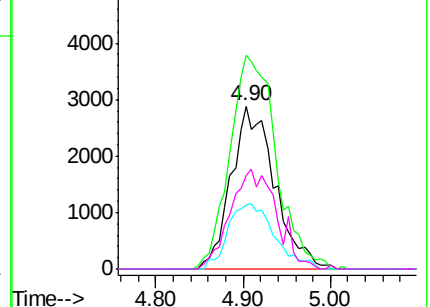


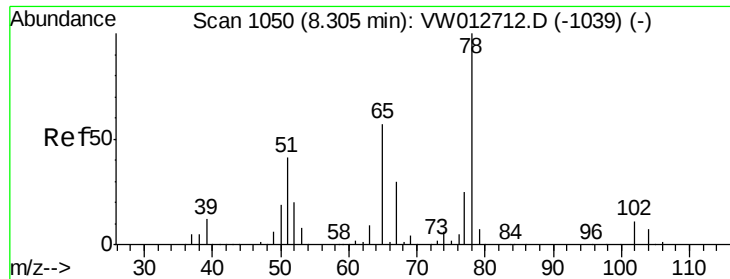
Abundance Ion 83.90 (83.60 to 84.60): VW

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

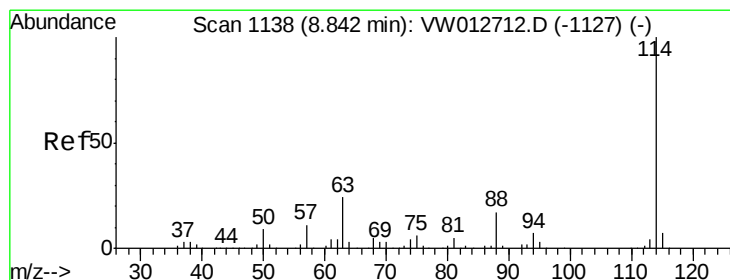
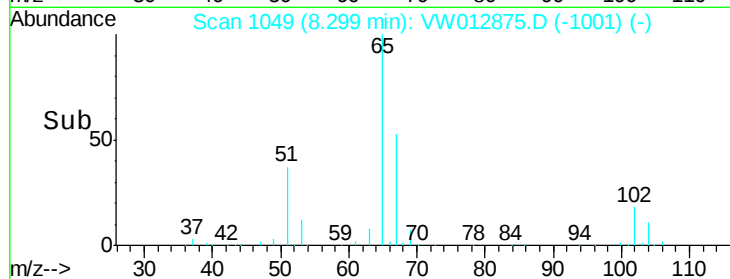
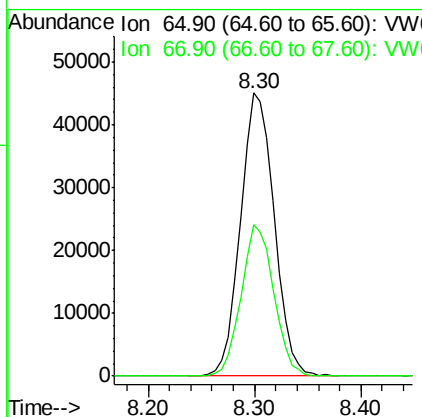
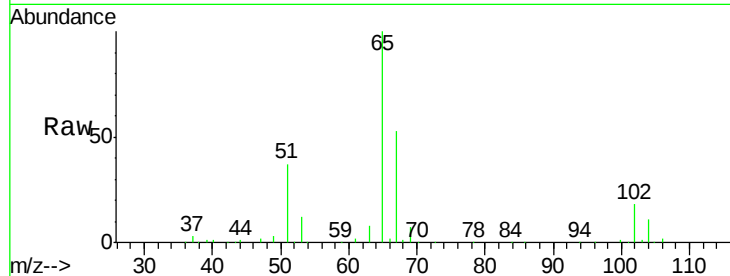




#33
 1,2-Dichloroethane-d4
 Concen: 44.369 ug/l
 RT: 8.30 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: VW012875.D
 Acq: 10 Sep 2019 17:16

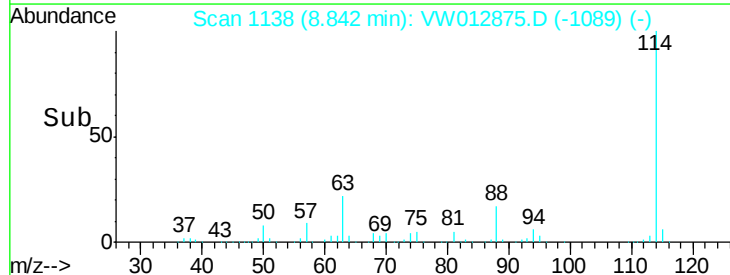
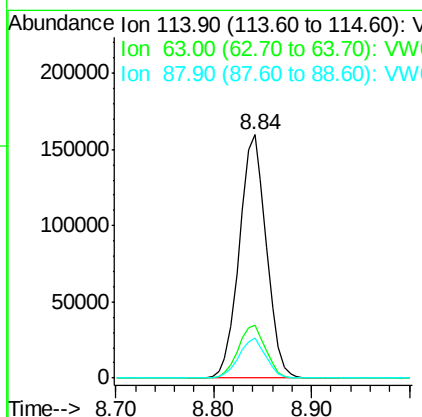
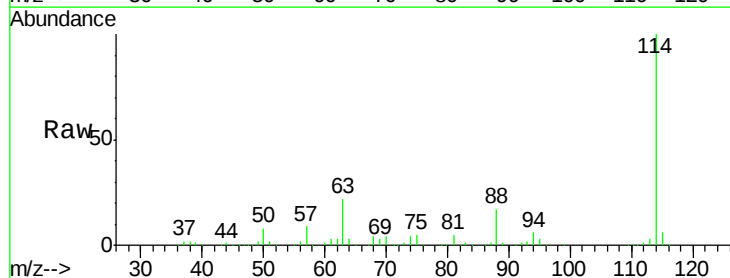
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-29-9.5-10.0

Tot Ion: 65 Resp: 100618
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW012875.D
 Acq: 10 Sep 2019 17:16

Tgt Ion: 114 Resp: 305504
 Ion Ratio Lower Upper
 114 100
 63 21.7 0.0 47.2
 88 16.5 0.0 34.0

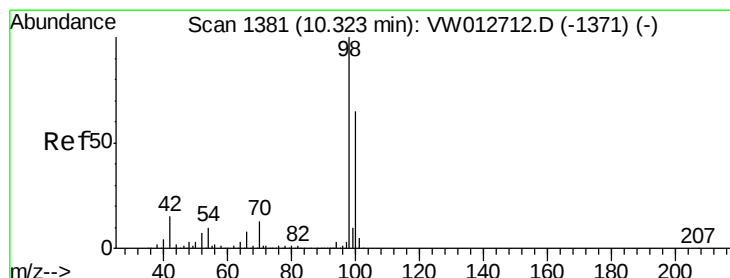
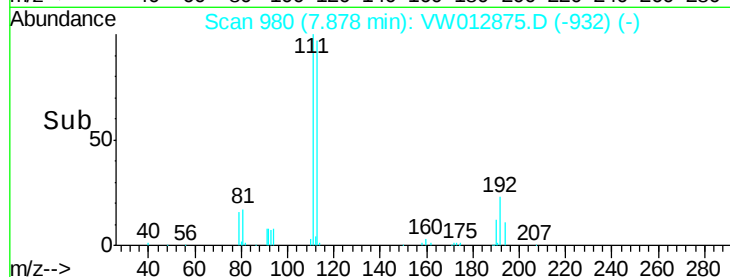
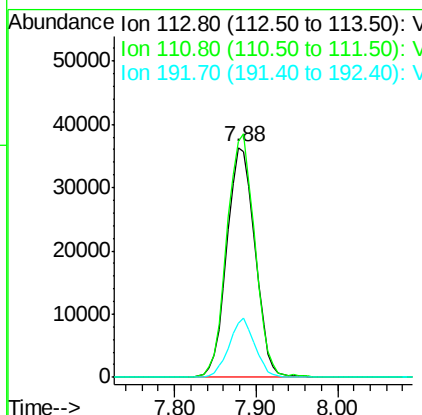
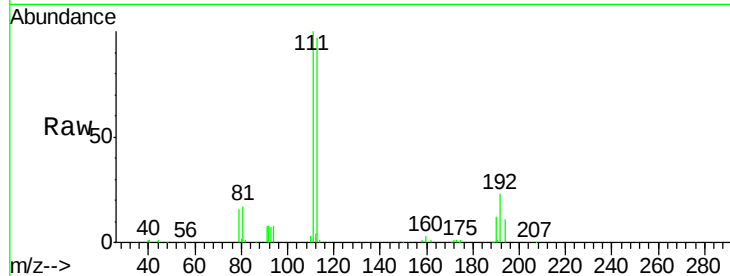




#35
 Dibromofluoromethane
 Concen: 47.767 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW012875.D
 Acq: 10 Sep 2019 17:16

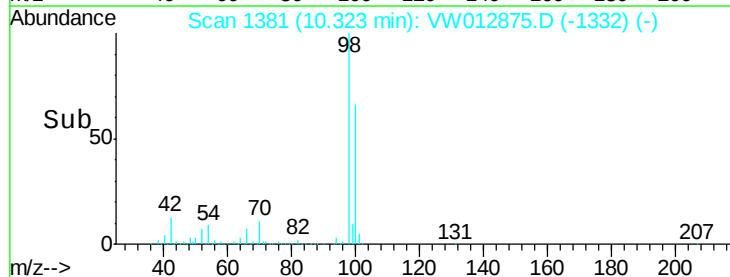
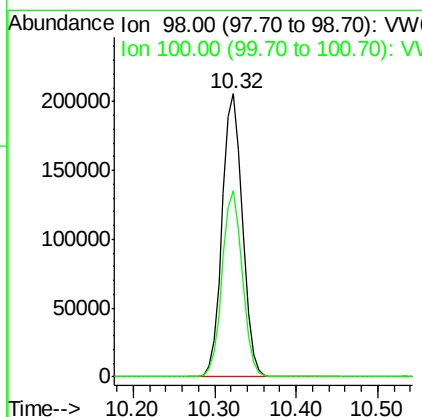
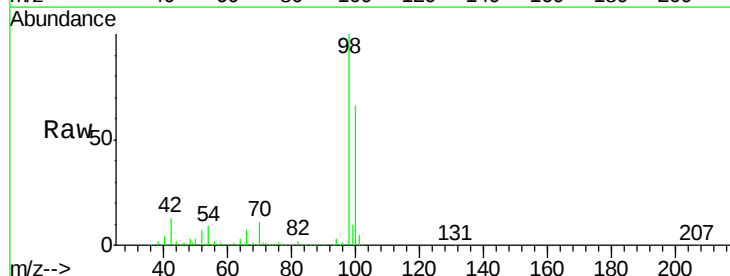
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-29-9.5-10.0

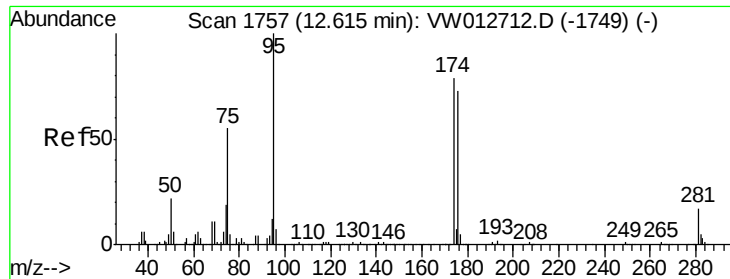
Tot Ion	Ratio	Lower	Upper
113	100		
111	104.9	80.2	120.4
192	23.4	17.3	25.9



#50
 Toluene-d8
 Concen: 50.026 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. 0.00 min
 Lab File: VW012875.D
 Acq: 10 Sep 2019 17:16

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.2	52.2	78.4

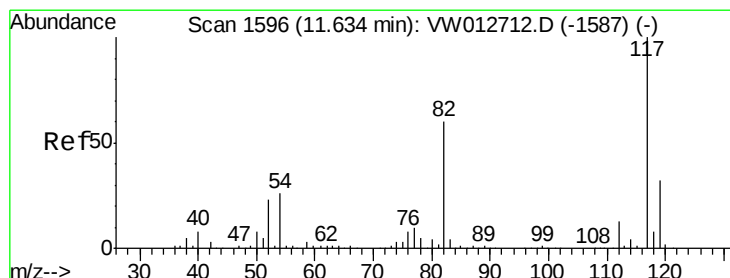
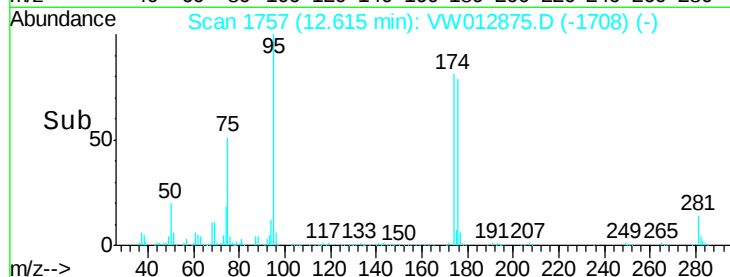
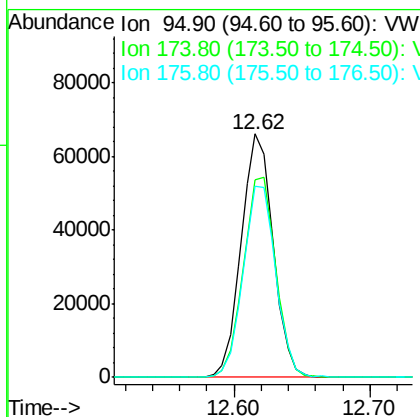
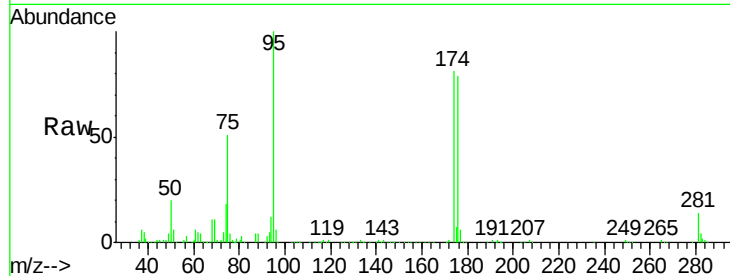




#62
4-Bromofluorobenzene
Concen: 41.993 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. 0.00 min
Lab File: VW012875.D
Acq: 10 Sep 2019 17:16

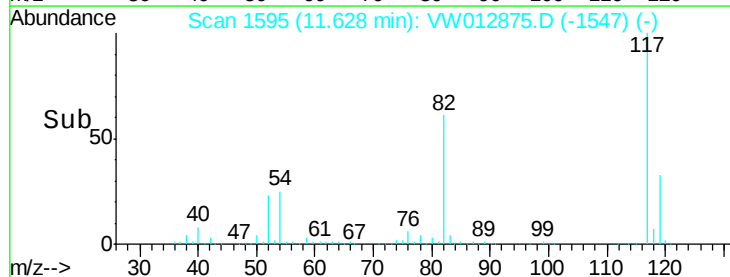
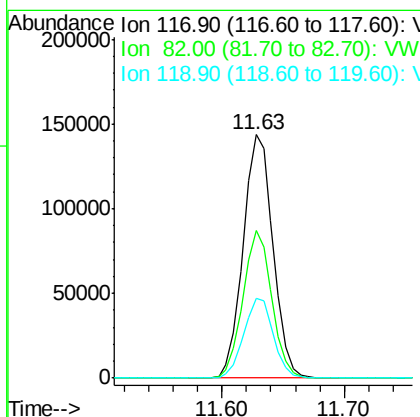
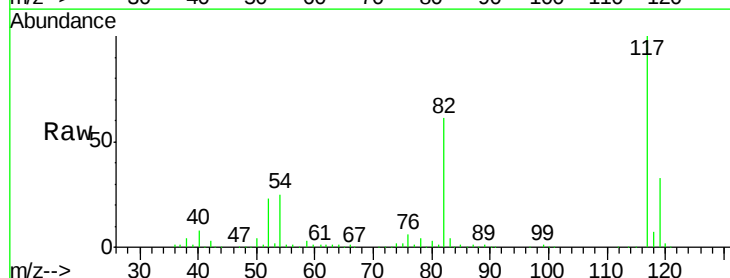
Instrument :
MSVOA_W
ClientSampleId :
SB-29-9.5-10.0

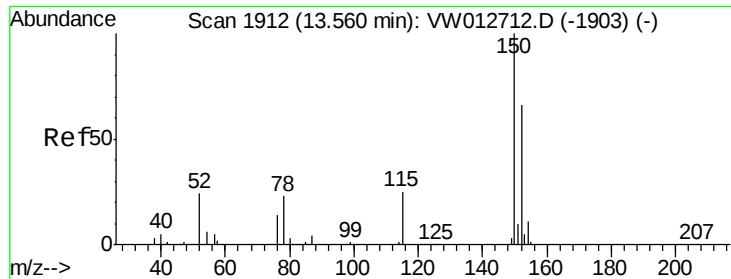
Tot Ion	95	Resp	108479
Ion Ratio	Lower	Upper	
95	100		
174	83.7	0.0	161.0
176	80.6	0.0	156.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012875.D
Acq: 10 Sep 2019 17:16

Tgt Ion	117	Resp	243080
Ion Ratio	Lower	Upper	
117	100		
82	60.7	48.2	72.4
119	33.0	25.8	38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW012875.D

Acq: 10 Sep 2019 17:16

Instrument :

MSVOA_W

ClientSampleId :

SB-29-9.5-10.0

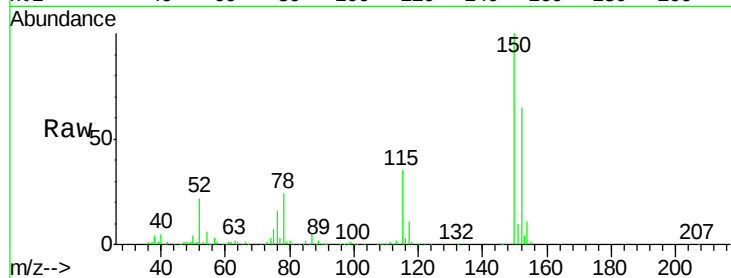
Tot Ion:152 Resp: 98848

Ion Ratio Lower Upper

152 100

115 57.9 30.0 90.1

150 157.6 0.0 349.0



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

