

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW112818\  
 Data File : VW007105.D  
 Acq On : 28 Nov 2018 11:30  
 Operator : VAY/AP  
 Sample : VW1128SBL01  
 Misc : 5.00G/5ML/MSVOA W/SOIL  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW1128SBL01

Quant Time: Nov 29 12:11:02 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\82W112118S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Nov 21 03:23:02 2018  
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	110157	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	164567	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	155626	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	78252	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	54468	50.51	ug/l	0.00
Spiked Amount				50.000		
			Recovery	= 101.02%		
35) Dibromofluoromethane	7.89	113	49224	52.97	ug/l	0.00
Spiked Amount				50.000		
			Recovery	= 105.94%		
50) Toluene-d8	10.32	98	223744	54.52	ug/l	0.00
Spiked Amount				50.000		
			Recovery	= 109.04%		
62) 4-Bromofluorobenzene	12.62	95	87428	54.14	ug/l	0.00
Spiked Amount				50.000		
			Recovery	= 108.28%		

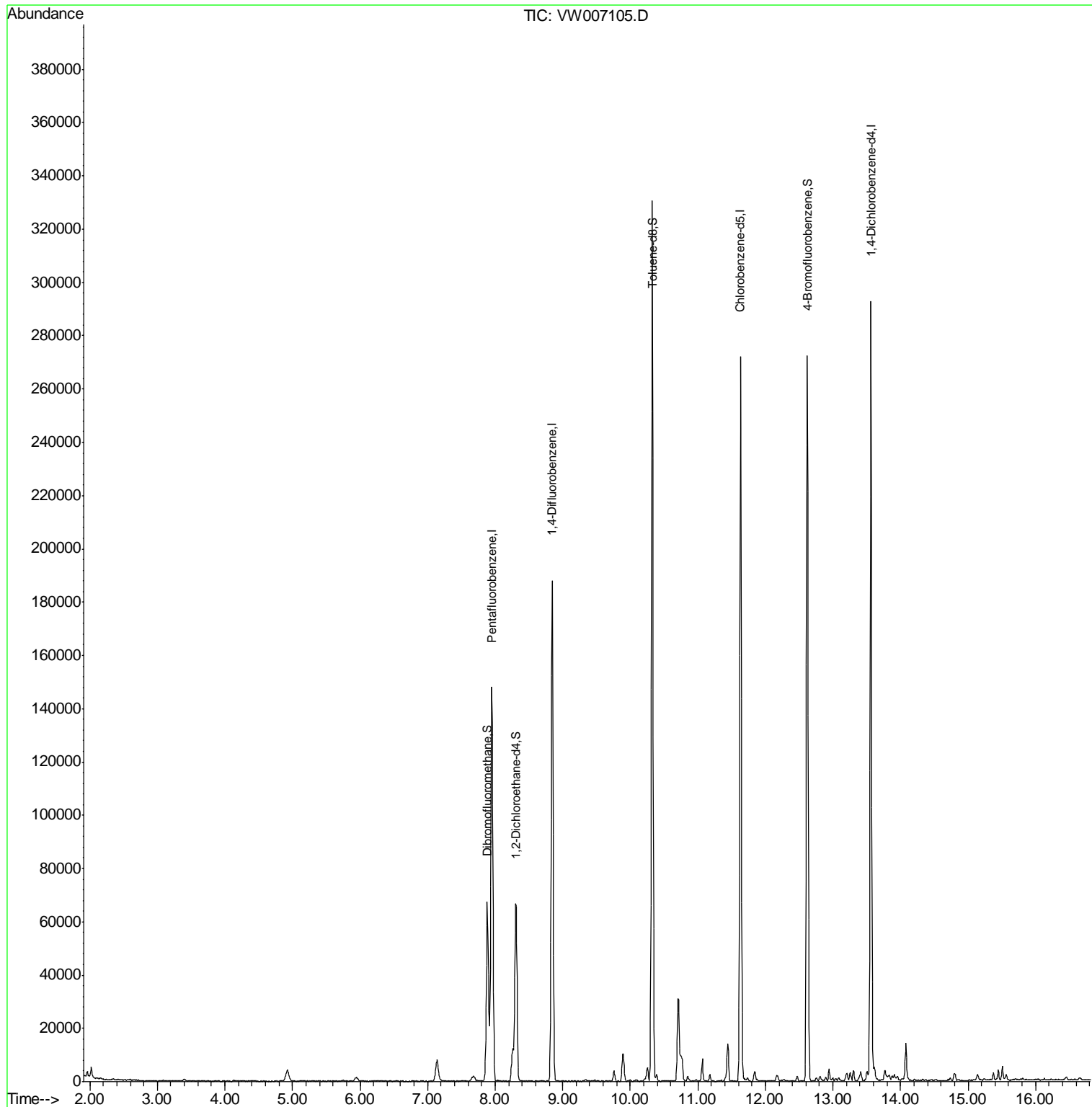
Target Compounds Qvalue

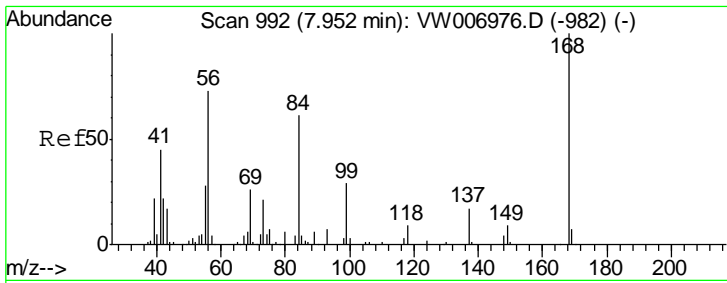
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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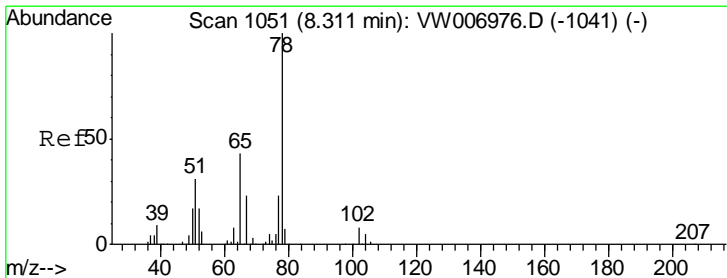
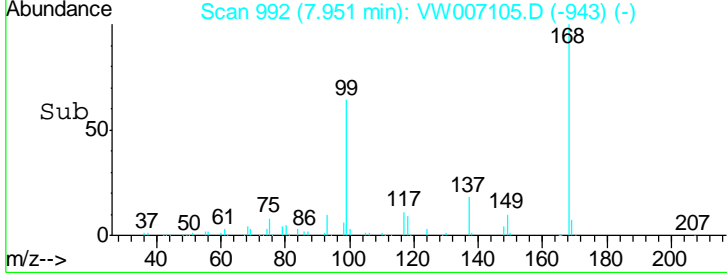
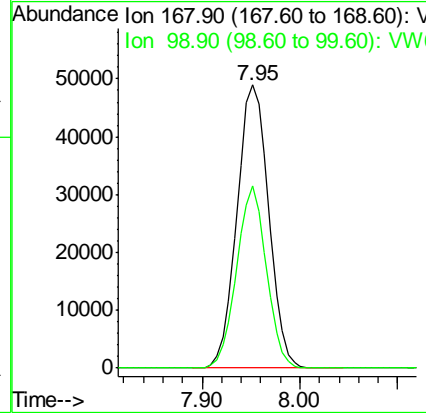
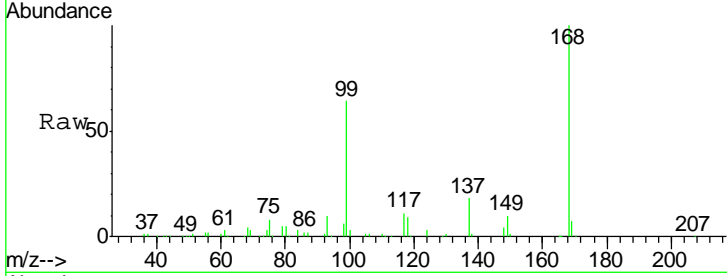




#1  
 Pentafluorobenzene  
 Concen: 50.000 ug/l  
 RT: 7.95 min Scan# 992  
 Delta R.T. -0.00 min  
 Lab File: VW007105.D  
 Acq: 28 Nov 2018 11:30

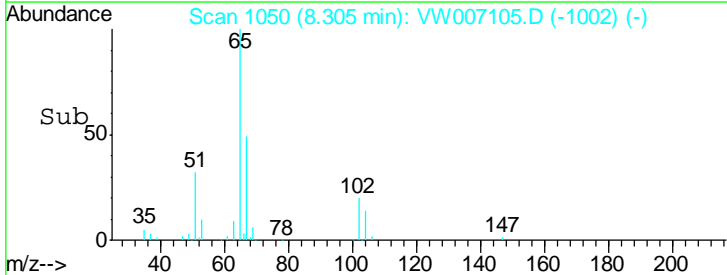
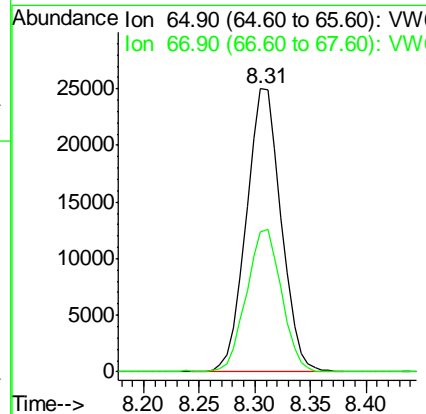
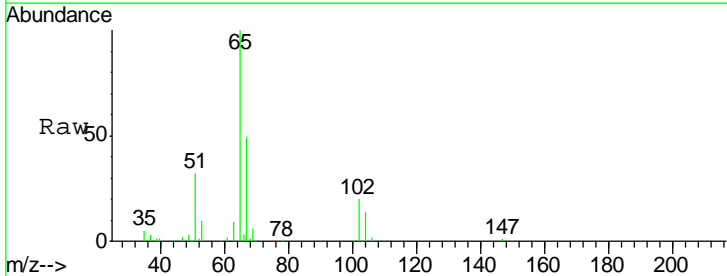
Instrument : MSVOA\_W  
 ClientSampled : VW1128SBL01

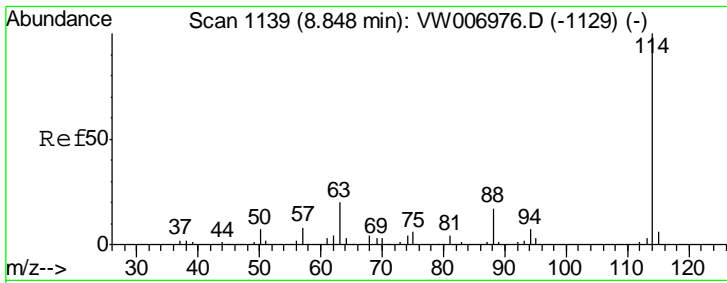
Tgt Ion	Resp	Lower	Upper
168	110157		
99	64.2	48.2	72.4



#33  
 1,2-Dichloroethane-d4  
 Concen: 50.505 ug/l  
 RT: 8.31 min Scan# 1050  
 Delta R.T. -0.01 min  
 Lab File: VW007105.D  
 Acq: 28 Nov 2018 11:30

Tgt Ion	Resp	Lower	Upper
65	54468		
67	50.8	0.0	106.2

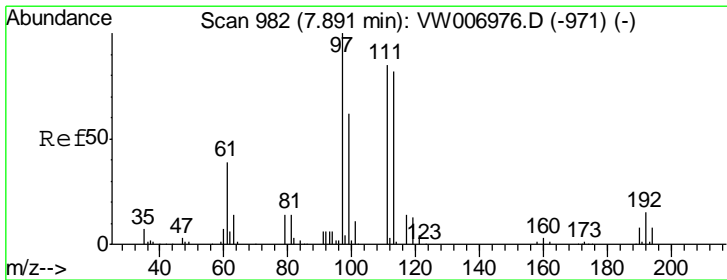
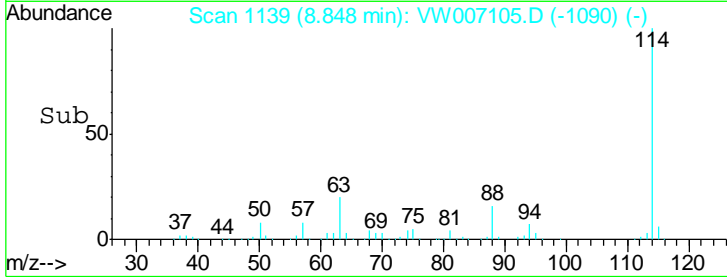
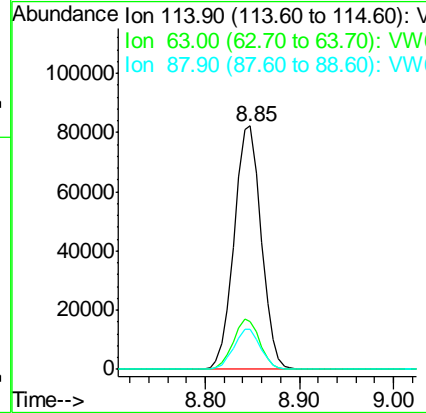
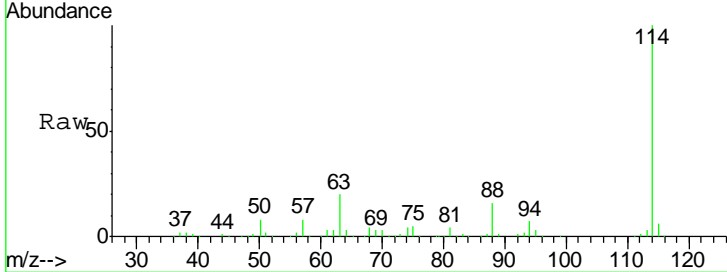




#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.85 min Scan# 1139  
 Delta R.T. -0.00 min  
 Lab File: VW007105.D  
 Acq: 28 Nov 2018 11:30

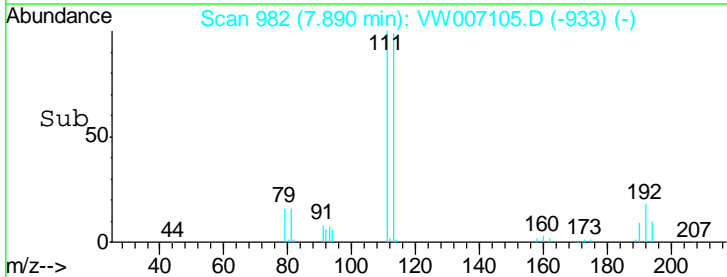
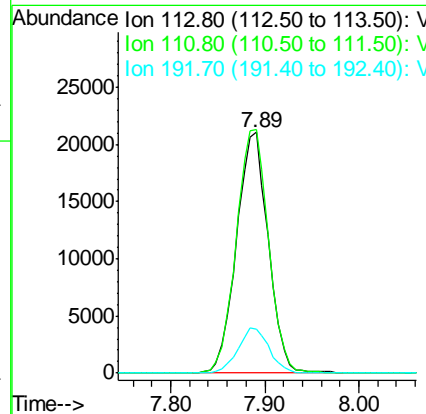
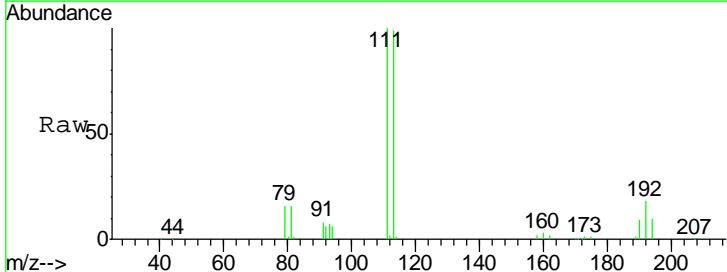
Instrument : MSVOA\_W  
 ClientSampled : VW1128SBL01

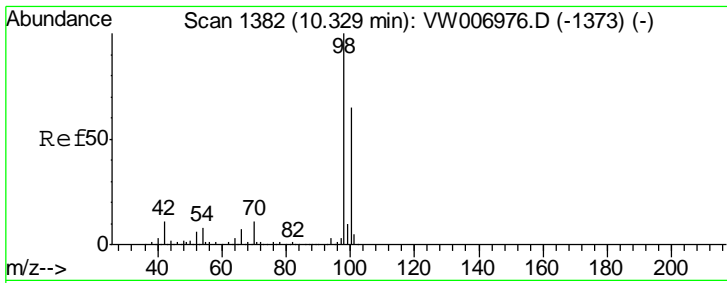
Tgt Ion	Resp	Lower	Upper
114	164567		
63	19.5	0.0	39.4
88	16.3	0.0	34.2



#35  
 Dibromofluoromethane  
 Concen: 52.966 ug/l  
 RT: 7.89 min Scan# 982  
 Delta R.T. -0.00 min  
 Lab File: VW007105.D  
 Acq: 28 Nov 2018 11:30

Tgt Ion	Resp	Lower	Upper
113	49224		
111	103.2	81.0	121.6
192	18.4	15.0	22.6

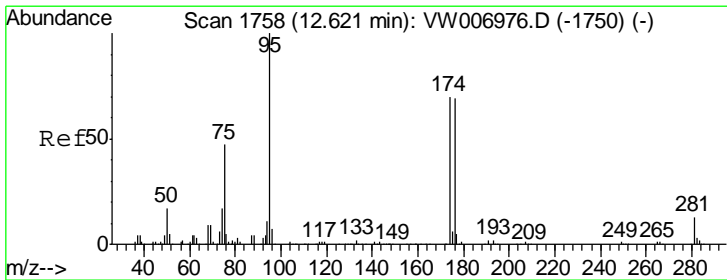
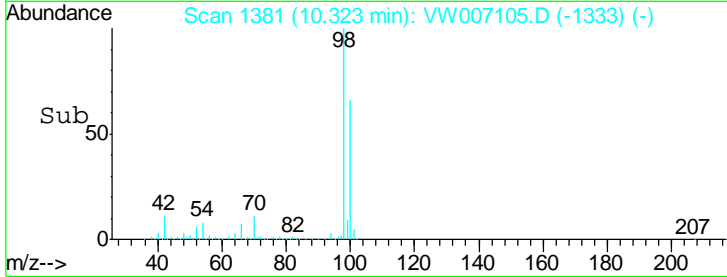
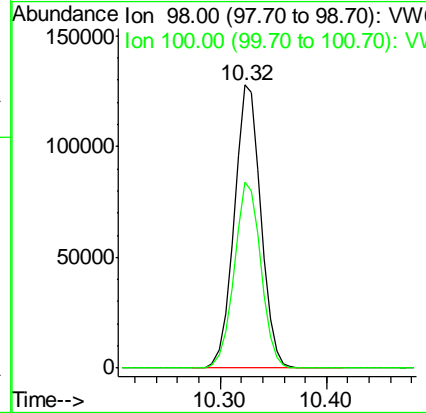
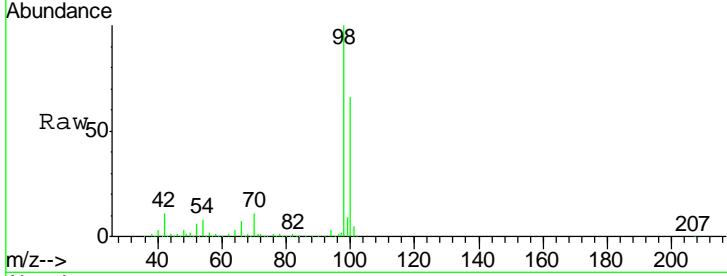




#50  
 Toluene-d8  
 Concen: 54.520 ug/l  
 RT: 10.32 min Scan# 1381  
 Delta R.T. -0.01 min  
 Lab File: VW007105.D  
 Acq: 28 Nov 2018 11:30

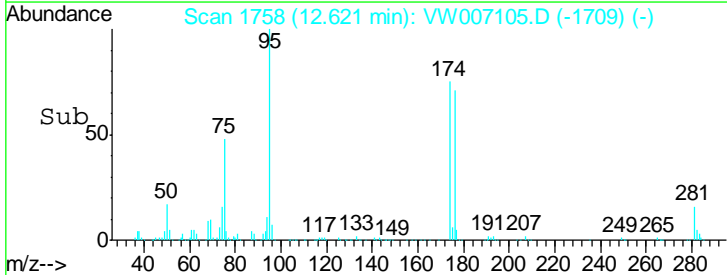
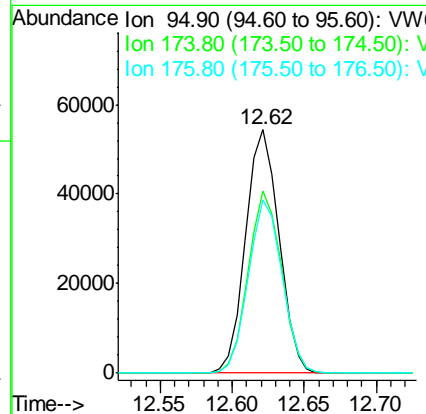
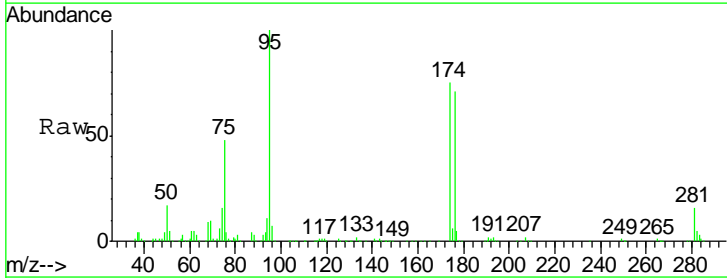
Instrument :  
 MSVOA\_W  
 ClientSampled :  
 VW1128SBL01

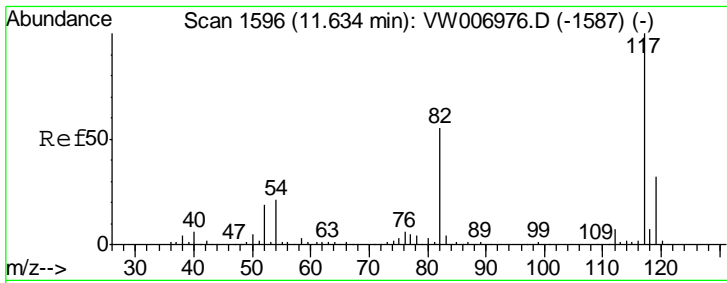
Tgt Ion: 98 Resp: 223744  
 Ion Ratio Lower Upper  
 98 100  
 100 65.5 52.2 78.2



#62  
 4-Bromofluorobenzene  
 Concen: 54.137 ug/l  
 RT: 12.62 min Scan# 1758  
 Delta R.T. -0.00 min  
 Lab File: VW007105.D  
 Acq: 28 Nov 2018 11:30

Tgt Ion: 95 Resp: 87428  
 Ion Ratio Lower Upper  
 95 100  
 174 74.6 0.0 143.6  
 176 71.6 0.0 140.4

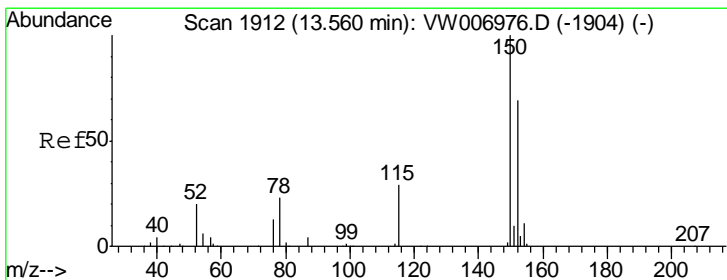
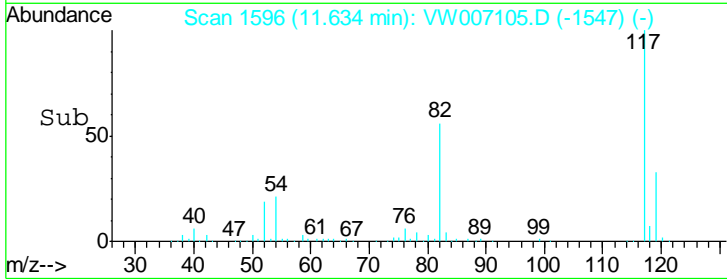
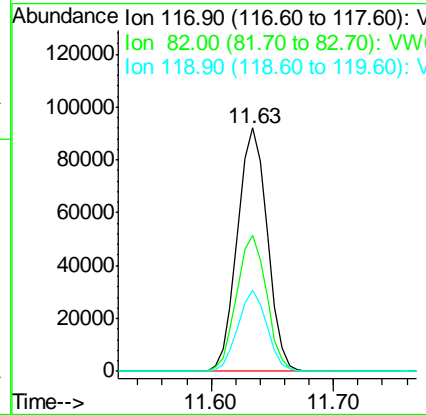
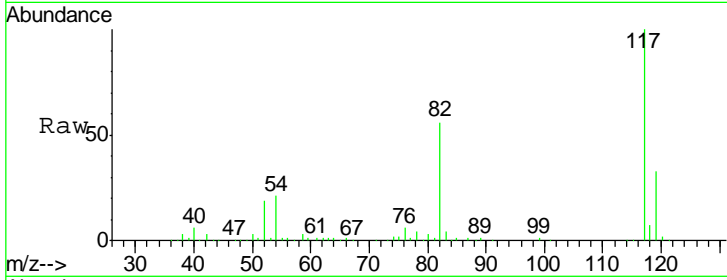




#63  
 Chlorobenzene-d5  
 Concen: 50.000 ug/l  
 RT: 11.63 min Scan# 1596  
 Delta R.T. -0.00 min  
 Lab File: VW007105.D  
 Acq: 28 Nov 2018 11:30

Instrument :  
 MSVOA\_W  
 ClientSampled :  
 VW1128SBL01

Tgt Ion	Resp	Lower	Upper
117	155626		
82	56.0	44.2	66.2
119	33.4	25.9	38.9



#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 13.56 min Scan# 1912  
 Delta R.T. -0.00 min  
 Lab File: VW007105.D  
 Acq: 28 Nov 2018 11:30

Tgt Ion	Resp	Lower	Upper
152	78252		
152	100		
115	62.2	31.4	94.2
150	157.9	0.0	353.4

