

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091818\  
 Data File : VW005482.D  
 Acq On : 18 Sep 2018 16:40  
 Operator : SY/AP  
 Sample : J4772-01  
 Misc : 8.48G/5ML/MSVOA W/SOIL  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 HD-02-091718

Quant Time: Sep 19 11:46:27 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\82W091618S.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Sep 15 02:32:34 2018  
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	18106	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	27086	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	21917	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	6367	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.32	65	9741	51.83	ug/l	0.00
Spiked Amount	50.000		Recovery	= 103.66%		
35) Dibromofluoromethane	7.89	113	7839	51.62	ug/l	0.00
Spiked Amount	50.000		Recovery	= 103.24%		
50) Toluene-d8	10.33	98	23595	33.93	ug/l	0.00
Spiked Amount	50.000		Recovery	= 67.86%		
62) 4-Bromofluorobenzene	12.62	95	6007	23.56	ug/l	0.00
Spiked Amount	50.000		Recovery	= 47.12%		

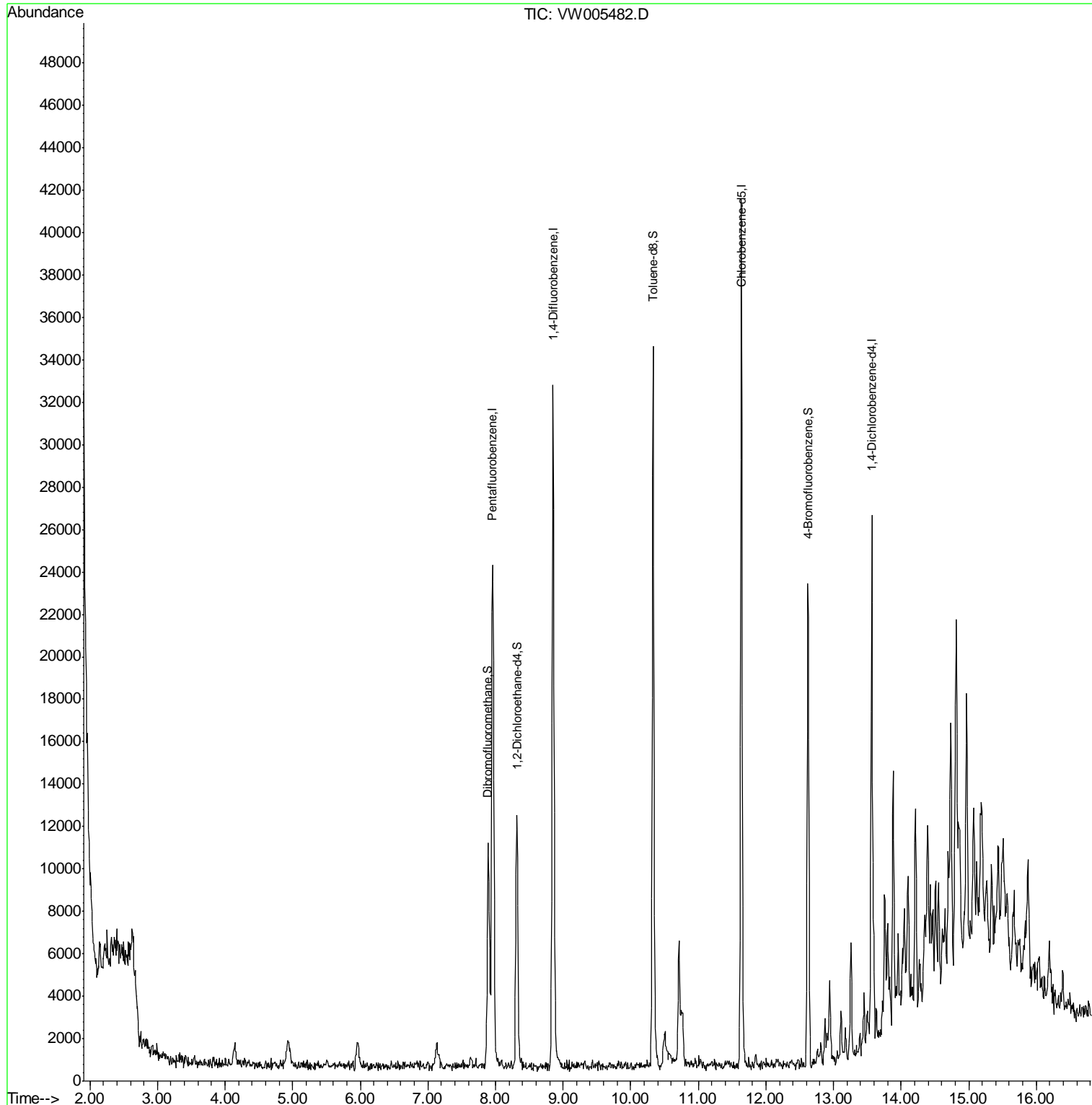
Target Compounds Qvalue

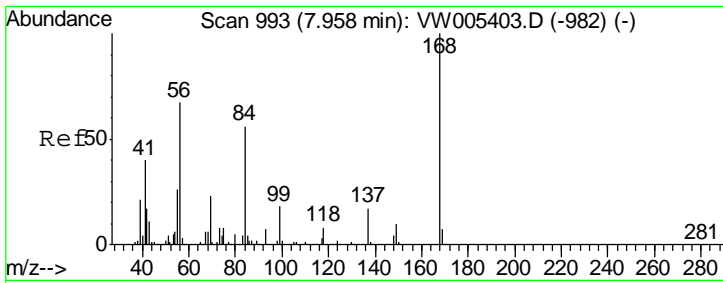
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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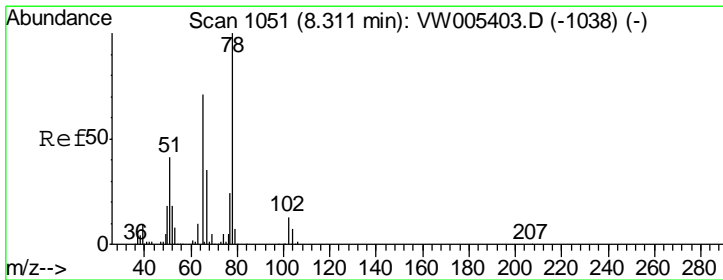
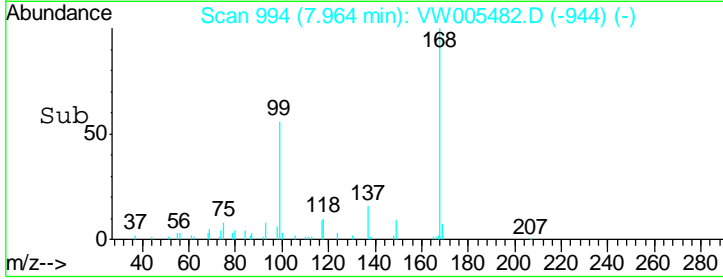
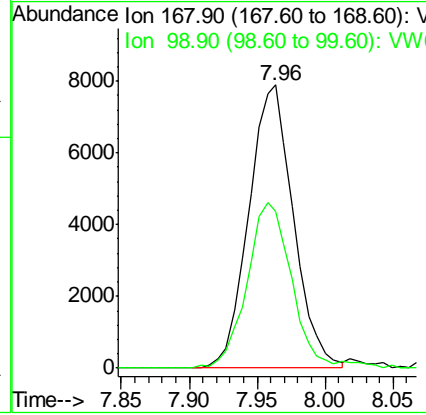
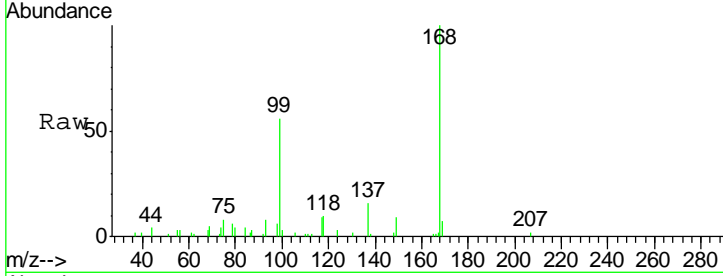




#1  
 Pentafluorobenzene  
 Concen: 50.00 ug/l  
 RT: 7.96 min Scan# 994  
 Delta R.T. 0.01 min  
 Lab File: VW005482.D  
 Acq: 18 Sep 2018 16:40

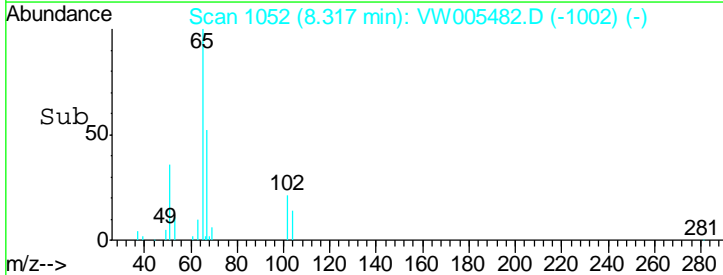
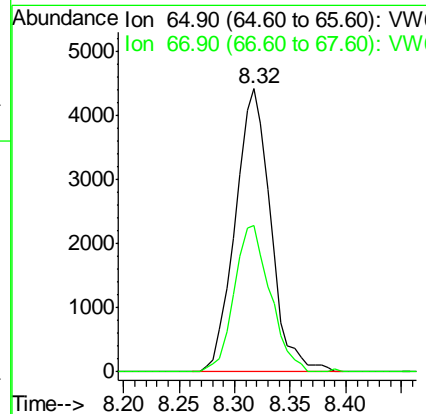
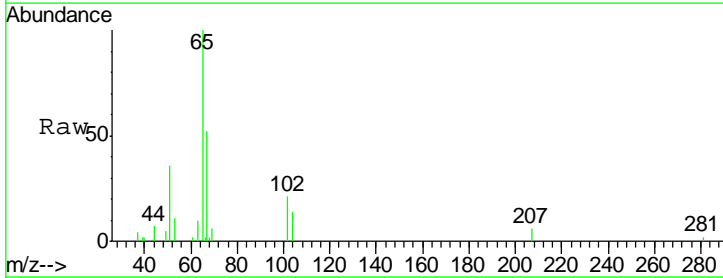
**Instrument :**  
 MSVOA\_W  
**ClientSampled :**  
 HD-02-091718

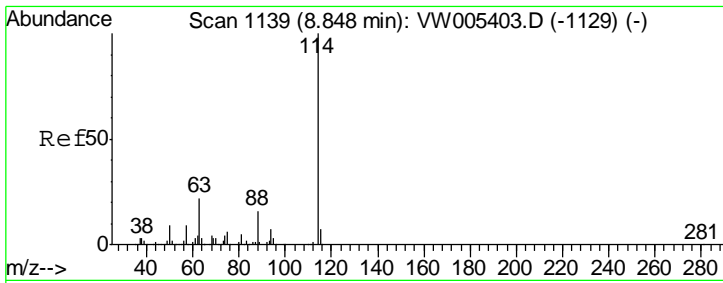
Tgt Ion: 168 Resp: 18106  
 Ion Ratio Lower Upper  
 168 100  
 99 55.5 45.0 67.6



#33  
 1,2-Dichloroethane-d4  
 Concen: 51.83 ug/l  
 RT: 8.32 min Scan# 1052  
 Delta R.T. 0.01 min  
 Lab File: VW005482.D  
 Acq: 18 Sep 2018 16:40

Tgt Ion: 65 Resp: 9741  
 Ion Ratio Lower Upper  
 65 100  
 67 52.5 0.0 100.6

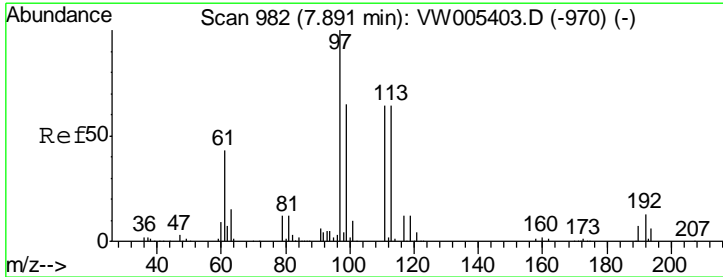
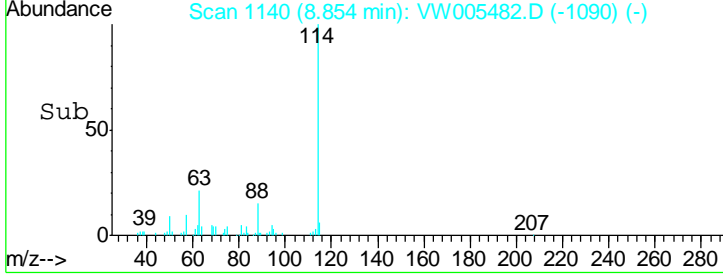
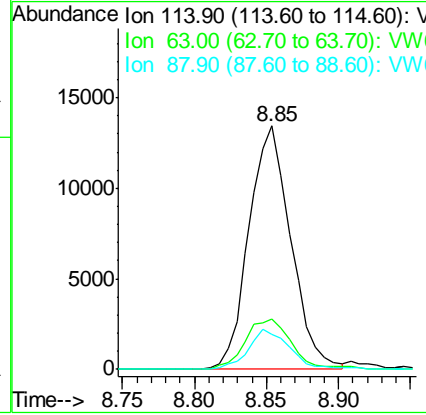
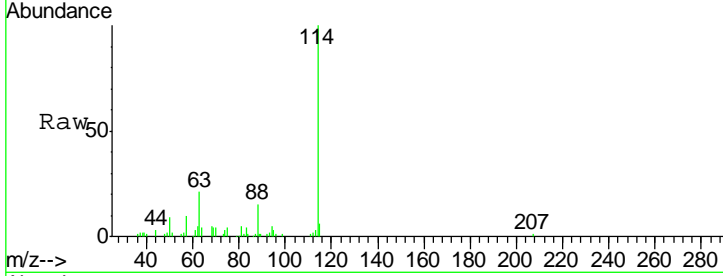




#34  
 1,4-Difluorobenzene  
 Concen: 50.00 ug/l  
 RT: 8.85 min Scan# 1140  
 Delta R.T. 0.01 min  
 Lab File: VW005482.D  
 Acq: 18 Sep 2018 16:40

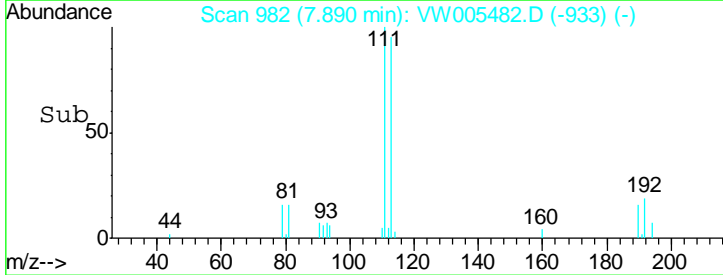
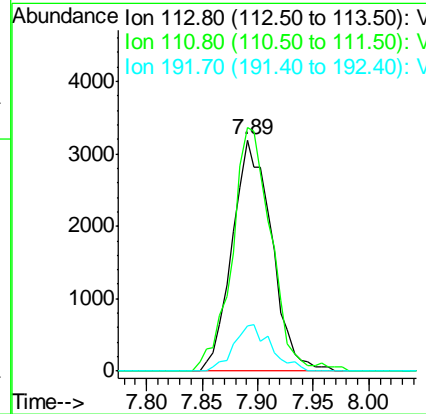
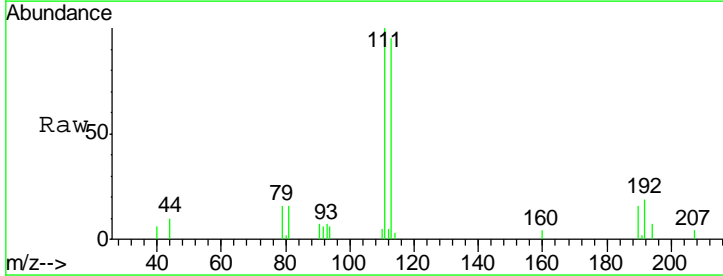
Instrument : MSVOA\_W  
 ClientSampleId : HD-02-091718

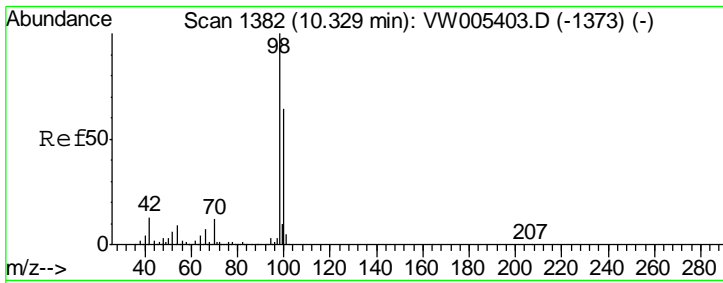
Tgt Ion	Resp	Lower	Upper
114	27086		
63	20.7	0.0	43.4
88	14.6	0.0	31.8



#35  
 Dibromofluoromethane  
 Concen: 51.62 ug/l  
 RT: 7.89 min Scan# 982  
 Delta R.T. -0.00 min  
 Lab File: VW005482.D  
 Acq: 18 Sep 2018 16:40

Tgt Ion	Resp	Lower	Upper
113	7839		
111	103.3	82.3	123.5
192	19.2	16.5	24.7

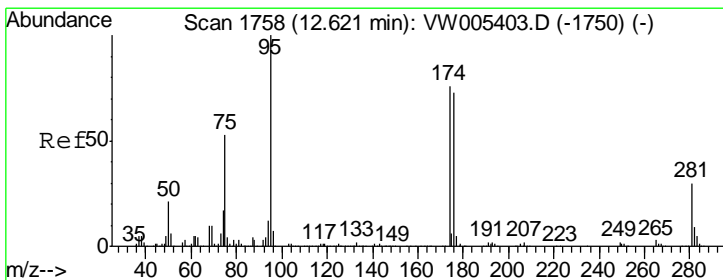
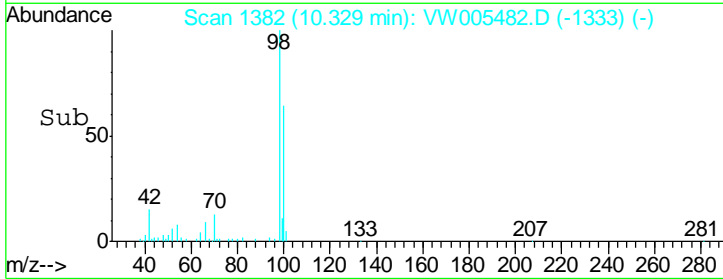
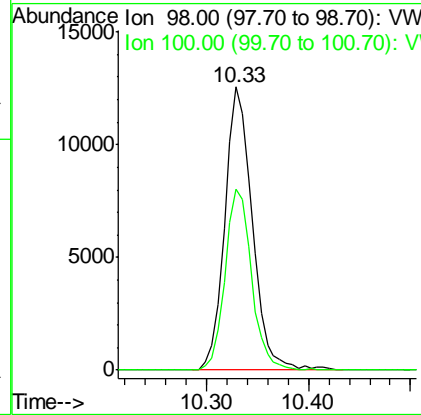
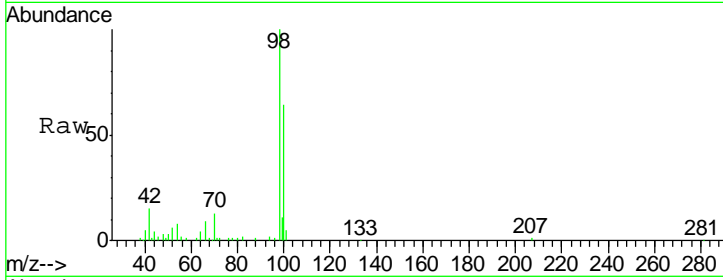




#50  
 Toluene-d8  
 Concen: 33.93 ug/l  
 RT: 10.33 min Scan# 1382  
 Delta R.T. -0.00 min  
 Lab File: VW005482.D  
 Acq: 18 Sep 2018 16:40

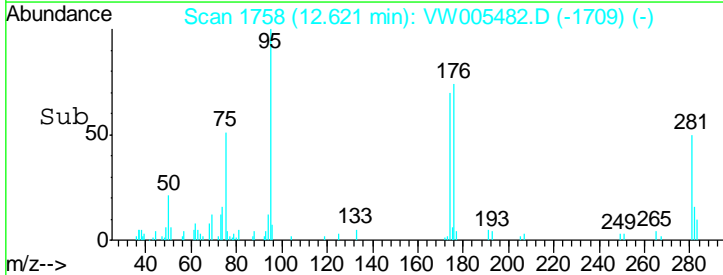
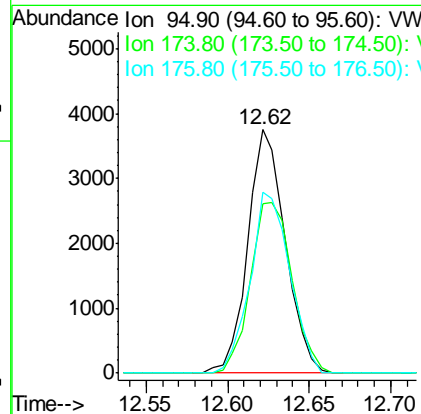
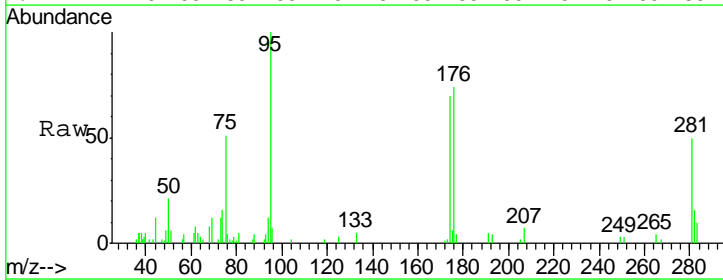
Instrument : MSVOA\_W  
 ClientSampled : HD-02-091718

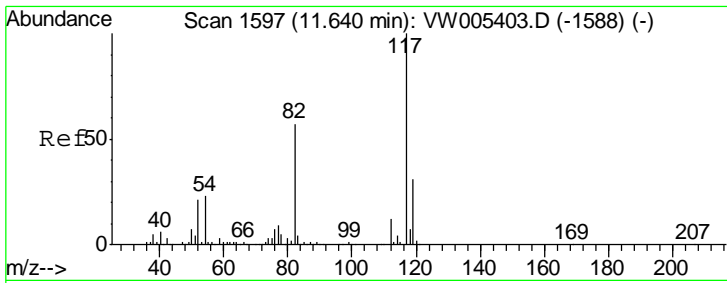
Tgt Ion	Resp	Lower	Upper
98	23595		
100	61.5	51.4	77.0



#62  
 4-Bromofluorobenzene  
 Concen: 23.56 ug/l  
 RT: 12.62 min Scan# 1758  
 Delta R.T. -0.00 min  
 Lab File: VW005482.D  
 Acq: 18 Sep 2018 16:40

Tgt Ion	Resp	Lower	Upper
95	6007		
174	77.7	0.0	161.2
176	78.6	0.0	156.6

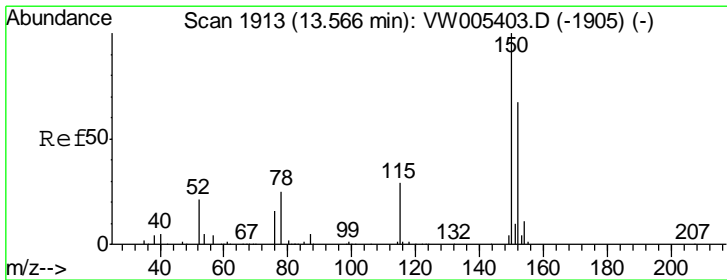
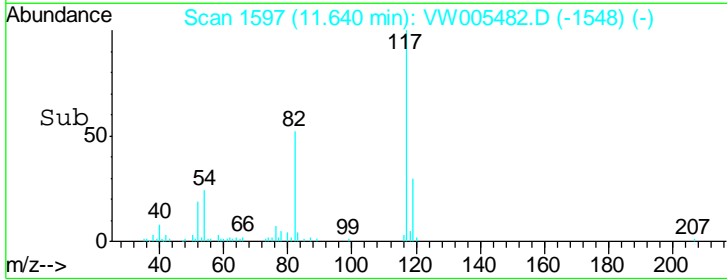
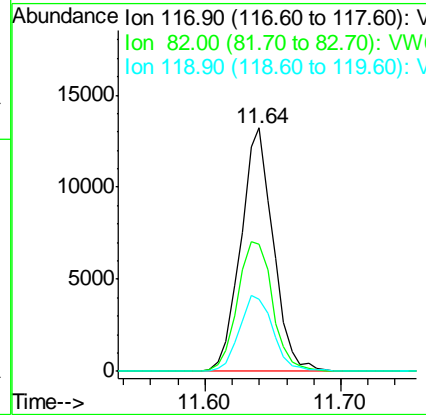
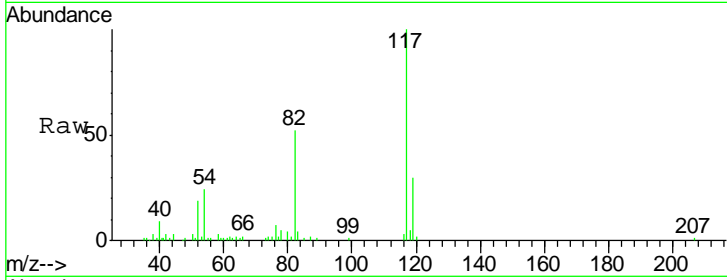




#63  
 Chlorobenzene-d5  
 Concen: 50.00 ug/l  
 RT: 11.64 min Scan# 1597  
 Delta R.T. -0.00 min  
 Lab File: VW005482.D  
 Acq: 18 Sep 2018 16:40

Instrument :  
 MSVOA\_W  
 ClientSampled :  
 HD-02-091718

Tgt Ion	Resp	Lower	Upper
117	21917		
82	52.3	45.9	68.9
119	29.6	24.8	37.2



#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.00 ug/l  
 RT: 13.57 min Scan# 1913  
 Delta R.T. -0.00 min  
 Lab File: VW005482.D  
 Acq: 18 Sep 2018 16:40

Tgt Ion	Resp	Lower	Upper
152	6367		
115	56.9	29.5	88.5
150	147.8	0.0	345.6

