

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF071818\  
 Data File : VF059533.D  
 Acq On : 19 Jul 2018 00:55  
 Operator : VA/AP  
 Sample : J3982-02  
 Misc : 11.02µ/5mL/MSVOA F/SOIL  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 CON-SB-05-0-2

Quant Time: Jul 19 05:52:42 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_F\METHODS\82F071718S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Jul 18 04:09:10 2018  
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.03	168	229253	50.00	µg/l	-0.03
34) 1,4-Difluorobenzene	5.75	114	341442	50.00	µg/l	-0.03
63) Chlorobenzene-d5	9.90	117	307694	50.00	µg/l	-0.03
72) 1,4-Dichlorobenzene-d4	12.62	152	156723	50.00	µg/l	-0.02

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.01	65	183210	51.38	µg/l	-0.03
Spiked Amount				50.000		
			Recovery	=	102.76%	
35) Dibromofluoromethane	4.28	113	152668	51.63	µg/l	-0.03
Spiked Amount				50.000		
			Recovery	=	103.26%	
50) Toluene-d8	7.70	98	268982	36.11	µg/l	-0.03
Spiked Amount				50.000		
			Recovery	=	72.22%	
62) 4-Bromofluorobenzene	11.50	95	146392	37.46	µg/l	-0.02
Spiked Amount				50.000		
			Recovery	=	74.92%	

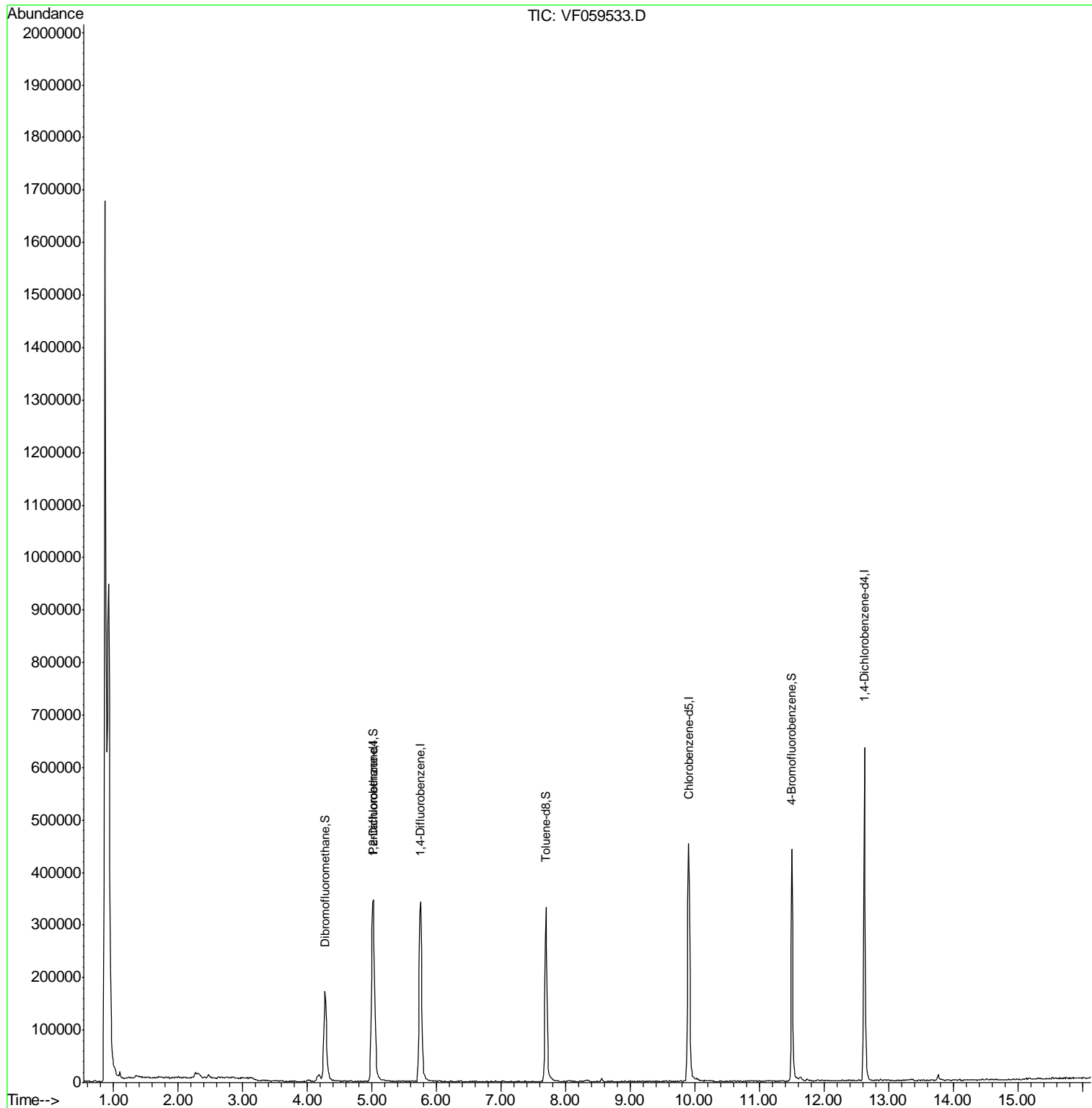
Target Compounds Qvalue

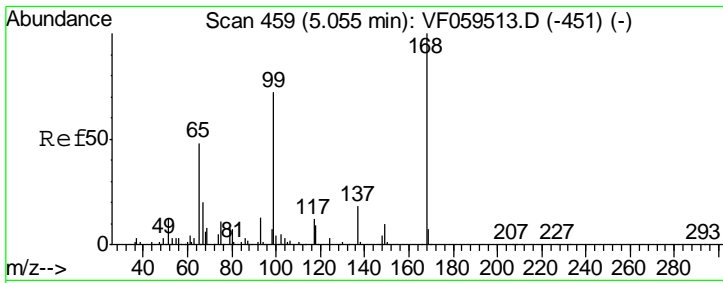
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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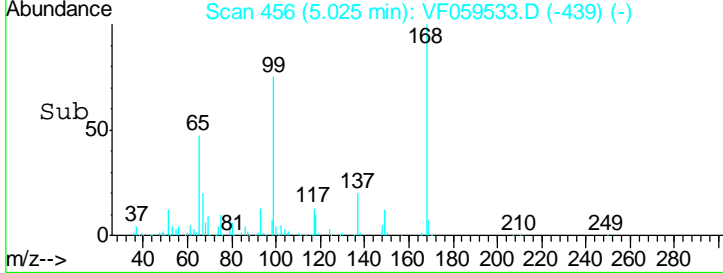
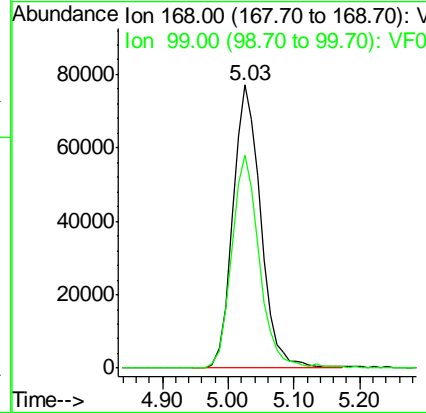
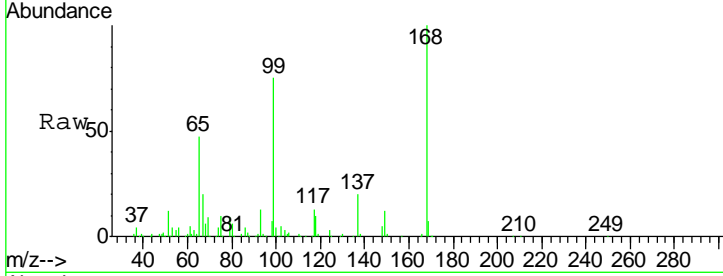




#1  
 Pentafluorobenzene  
 Concen: 50.00 ug/l  
 RT: 5.03 min Scan# 456  
 Delta R.T. -0.03 min  
 Lab File: VF059533.D  
 Acq: 19 Jul 2018 00:55

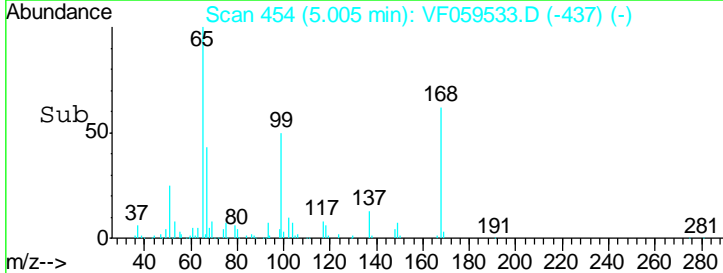
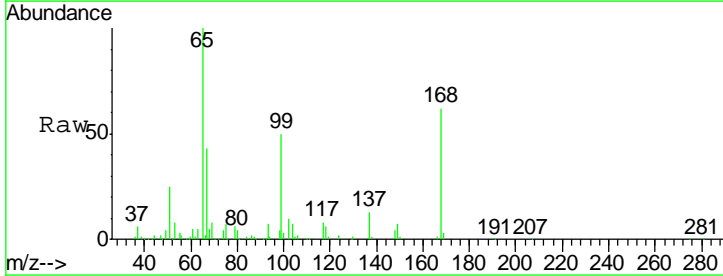
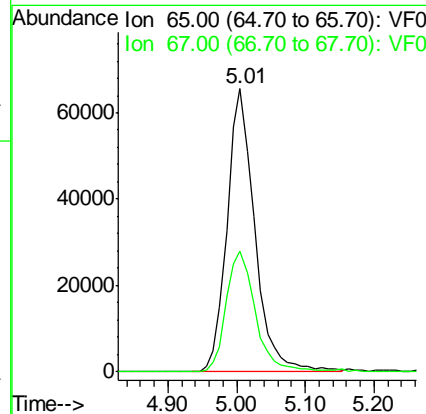
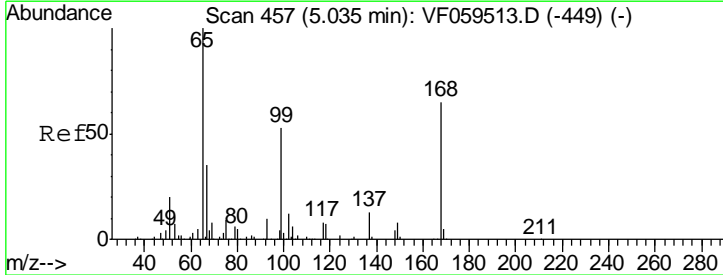
Instrument :  
 MSVOA\_F  
 ClientSampled :  
 CON-SB-05-0-2

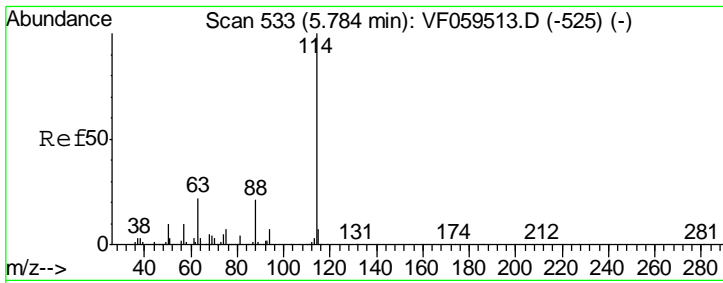
Tgt Ion	Resp	Lower	Upper
168	100		
99	75.2	57.6	86.4



#33  
 1,2-Dichloroethane-d4  
 Concen: 51.38 ug/l  
 RT: 5.01 min Scan# 454  
 Delta R.T. -0.03 min  
 Lab File: VF059533.D  
 Acq: 19 Jul 2018 00:55

Tgt Ion	Resp	Lower	Upper
65	100		
67	42.8	0.0	91.2

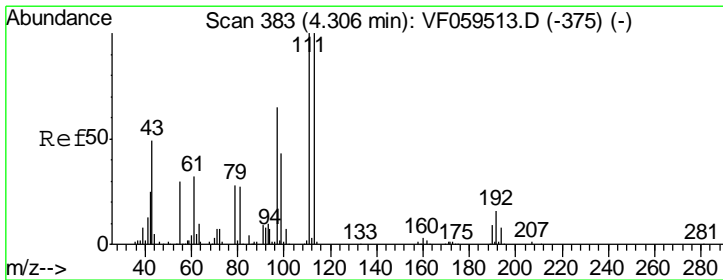
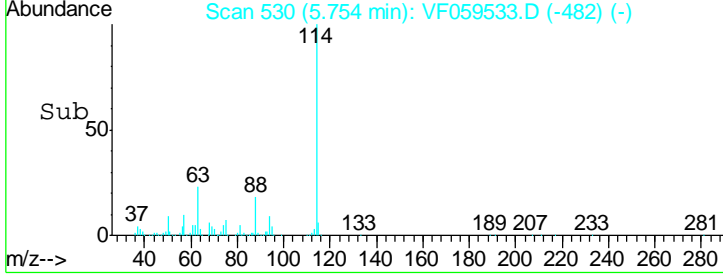
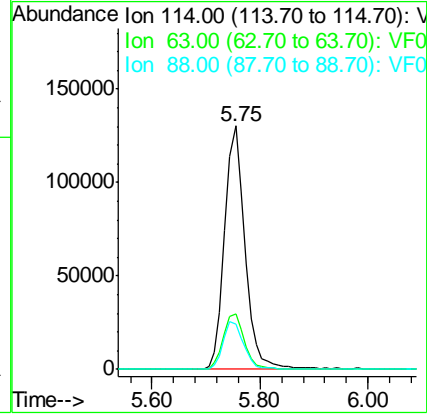
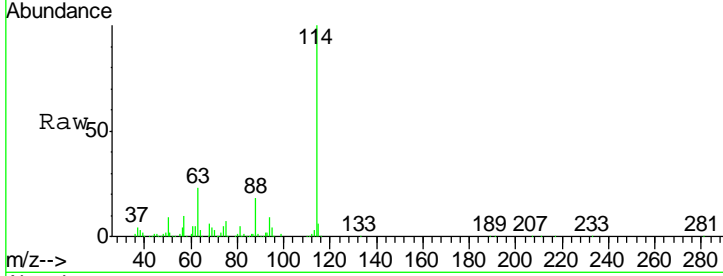




#34  
 1,4-Difluorobenzene  
 Concen: 50.00 ug/l  
 RT: 5.75 min Scan# 530  
 Delta R.T. -0.03 min  
 Lab File: VF059533.D  
 Acq: 19 Jul 2018 00:55

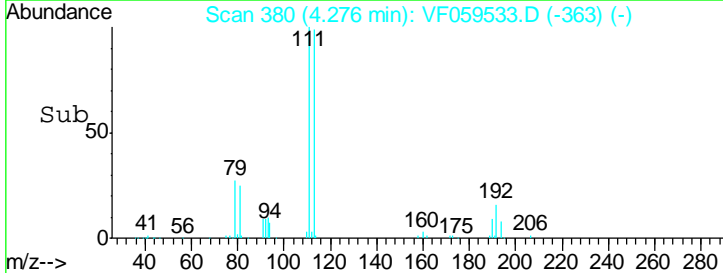
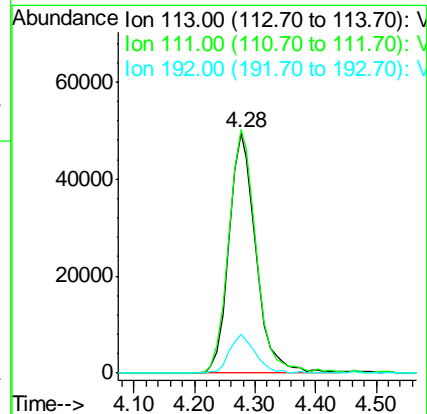
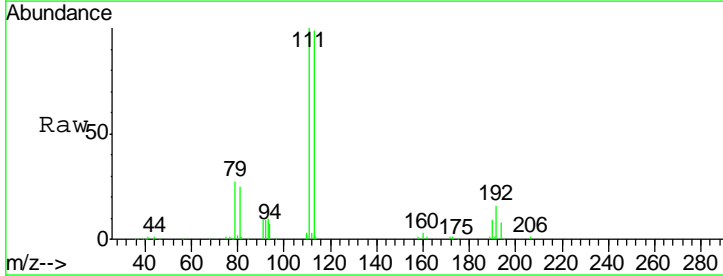
Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 CON-SB-05-0-2

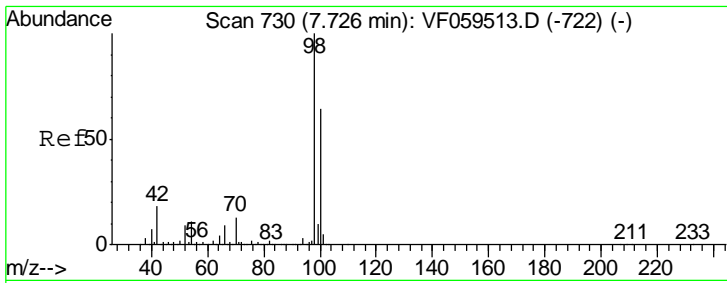
Tgt Ion	Resp	Lower	Upper
114	341442		
63	22.8	0.0	44.8
88	18.4	0.0	42.6



#35  
 Dibromofluoromethane  
 Concen: 51.63 ug/l  
 RT: 4.28 min Scan# 380  
 Delta R.T. -0.03 min  
 Lab File: VF059533.D  
 Acq: 19 Jul 2018 00:55

Tgt Ion	Resp	Lower	Upper
113	152668		
111	100.8	80.3	120.5
192	16.3	13.1	19.7

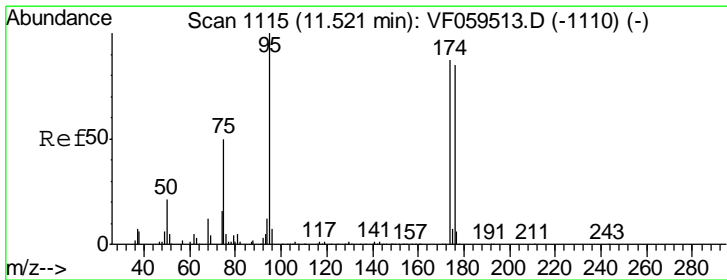
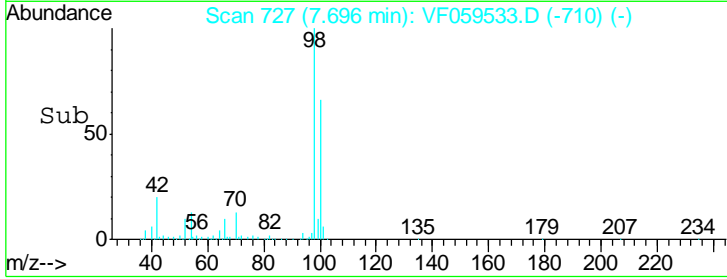
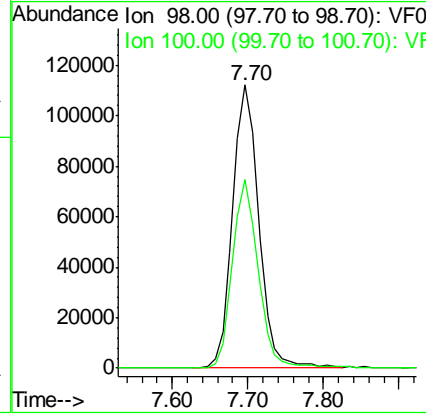
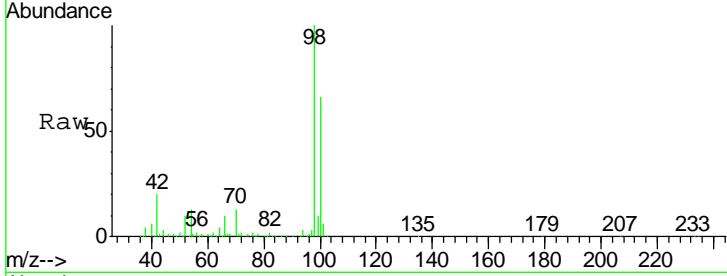




#50  
 Toluene-d8  
 Concen: 36.11 ug/l  
 RT: 7.70 min Scan# 727  
 Delta R.T. -0.03 min  
 Lab File: VF059533.D  
 Acq: 19 Jul 2018 00:55

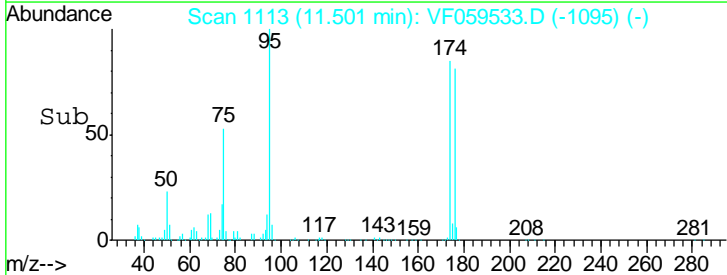
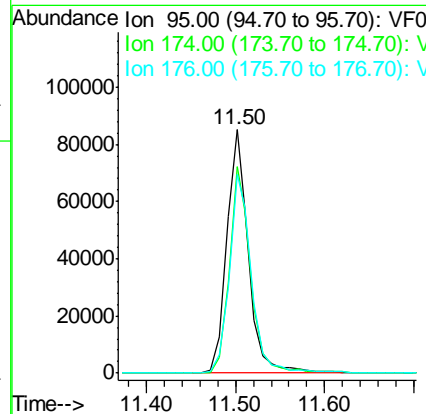
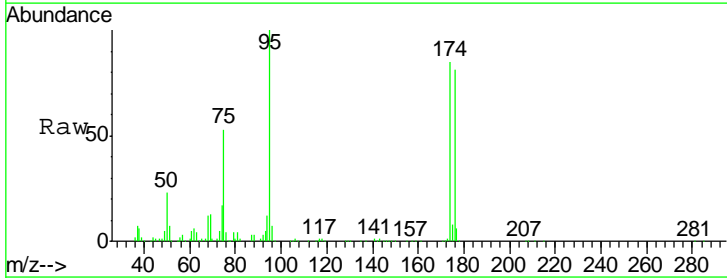
Instrument :  
 MSVOA\_F  
 ClientSampled :  
 CON-SB-05-0-2

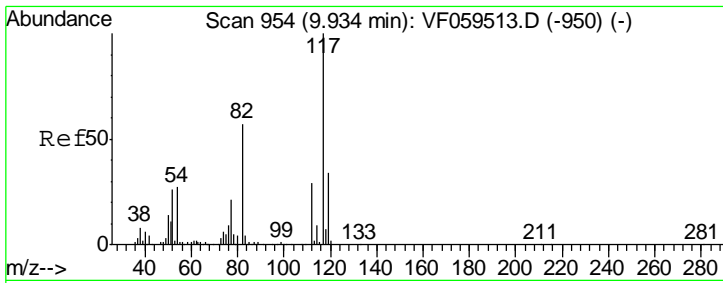
Tgt Ion: 98 Resp: 268982  
 Ion Ratio Lower Upper  
 98 100  
 100 66.5 50.9 76.3



#62  
 4-Bromofluorobenzene  
 Concen: 37.46 ug/l  
 RT: 11.50 min Scan# 1113  
 Delta R.T. -0.02 min  
 Lab File: VF059533.D  
 Acq: 19 Jul 2018 00:55

Tgt Ion: 95 Resp: 146392  
 Ion Ratio Lower Upper  
 95 100  
 174 84.6 0.0 174.4  
 176 81.5 0.0 169.4

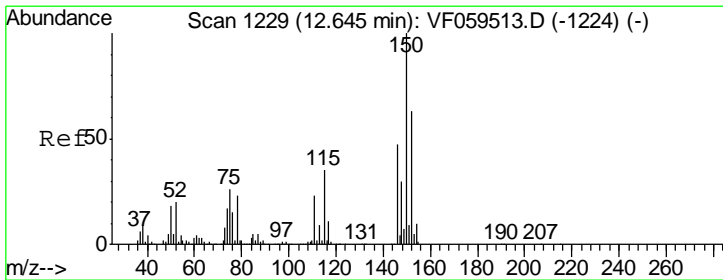
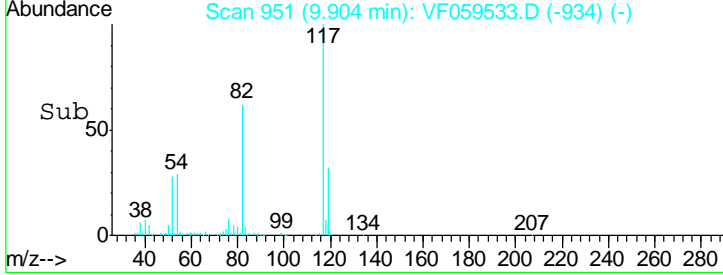
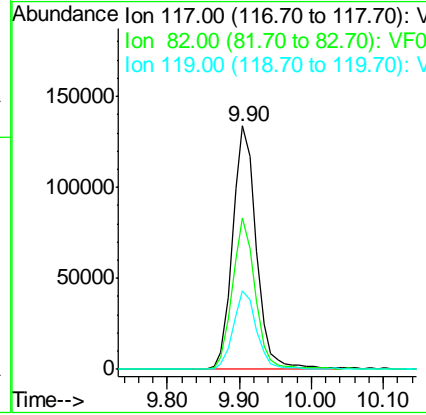
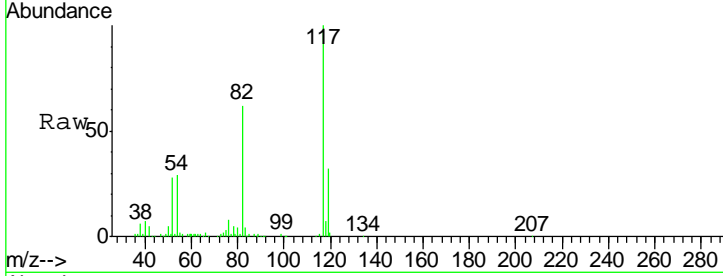




#63  
 Chlorobenzene-d5  
 Concen: 50.00 ug/l  
 RT: 9.90 min Scan# 951  
 Delta R.T. -0.03 min  
 Lab File: VF059533.D  
 Acq: 19 Jul 2018 00:55

**Instrument :**  
 MSVOA\_F  
**ClientSampled :**  
 CON-SB-05-0-2

Tgt Ion	Resp	Lower	Upper
117	307694		
82	62.0	46.1	69.1
119	32.1	27.2	40.8



#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.00 ug/l  
 RT: 12.62 min Scan# 1227  
 Delta R.T. -0.02 min  
 Lab File: VF059533.D  
 Acq: 19 Jul 2018 00:55

Tgt Ion	Resp	Lower	Upper
152	156723		
115	57.0	27.8	83.3
150	153.3	0.0	318.4

