

Data File : VW012688.D  
 Acq On : 06 Sep 2019 13:50  
 Operator : SY/VA  
 Sample : K4581-04  
 Misc : 3.65G/5ML/MSVOA\_W/SOIL  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 T12-C2-(0)

Quant Time: Sep 07 05:31:46 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	234969	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	360682	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	276594	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	95417	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	142457	51.00	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	102.00%	
35) Dibromofluoromethane	7.88	113	107281	49.83	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	99.66%	
50) Toluene-d8	10.32	98	418387	47.93	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	95.86%	
62) 4-Bromofluorobenzene	12.62	95	117655	38.24	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	76.48%	

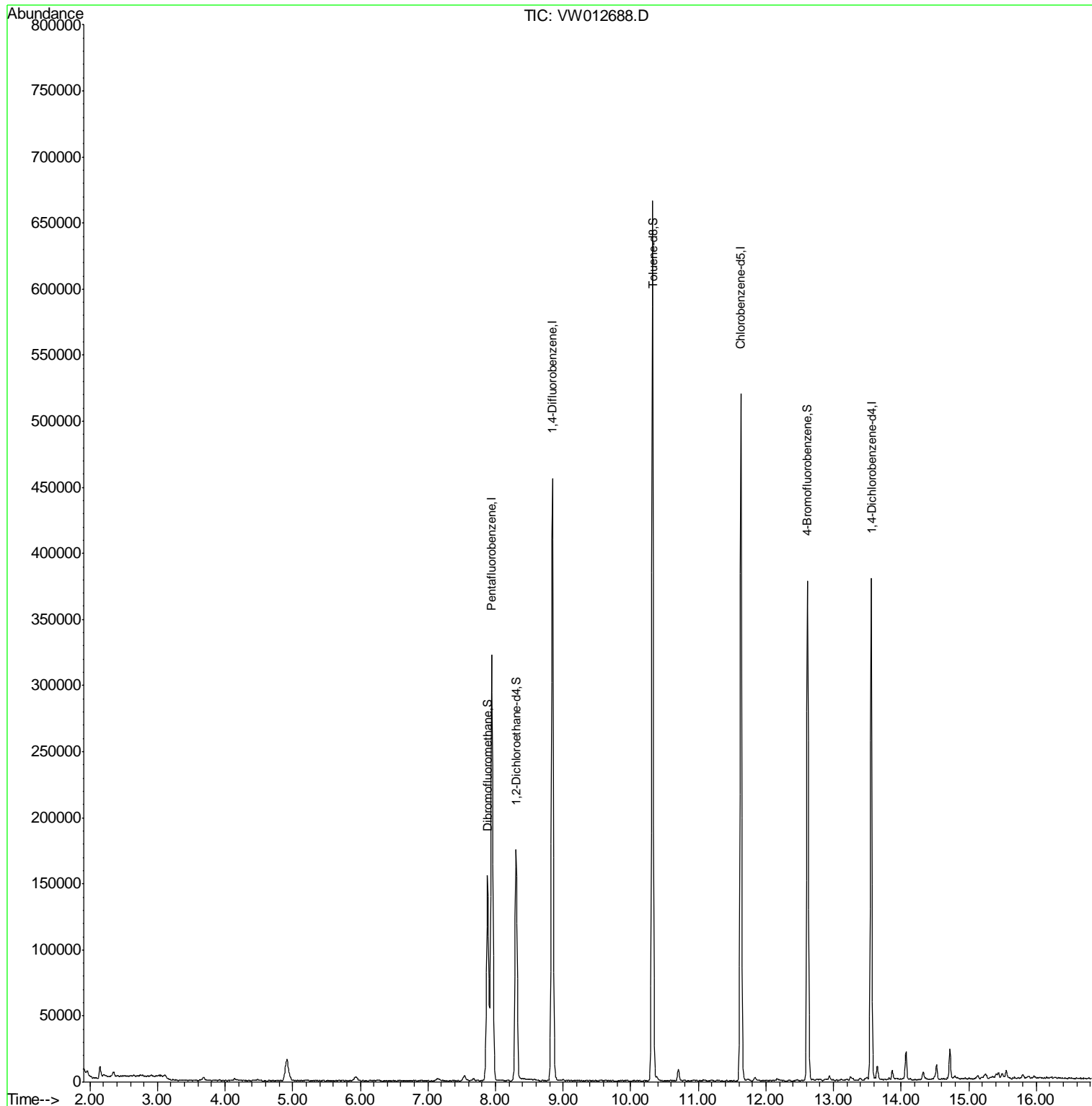
Target Compounds Qvalue

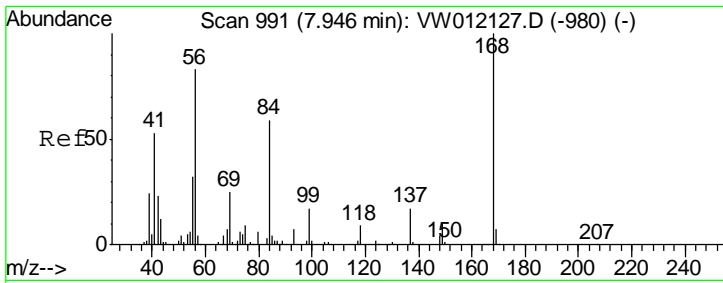
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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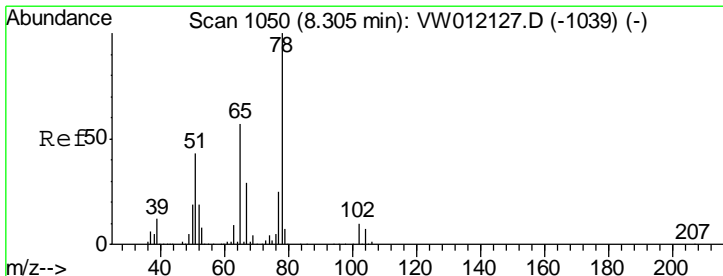
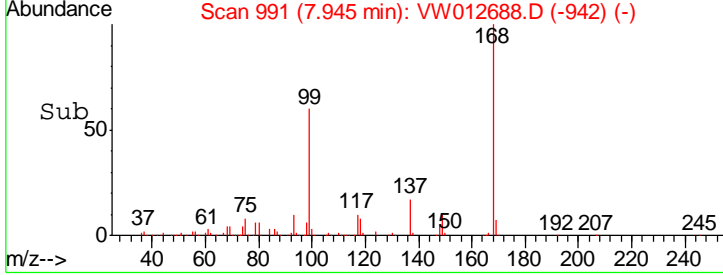
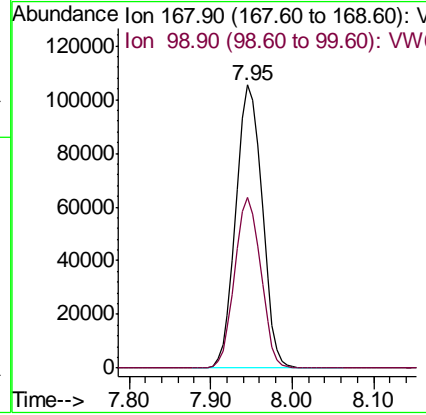
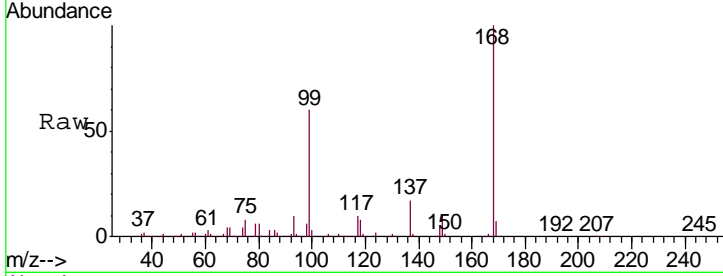




#1  
 Pentafluorobenzene  
 Concen: 50.000 ug/l  
 RT: 7.95 min Scan# 991  
 Delta R.T. -0.00 min  
 Lab File: VW012688.D  
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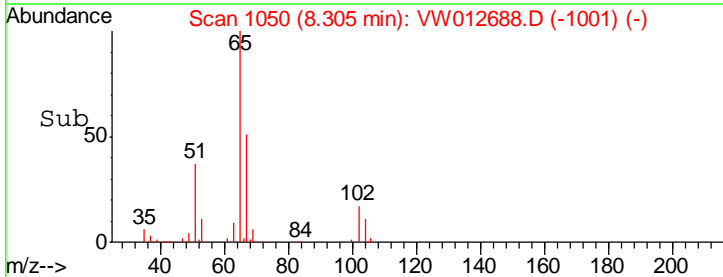
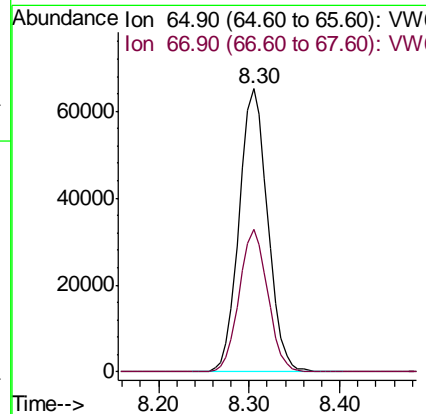
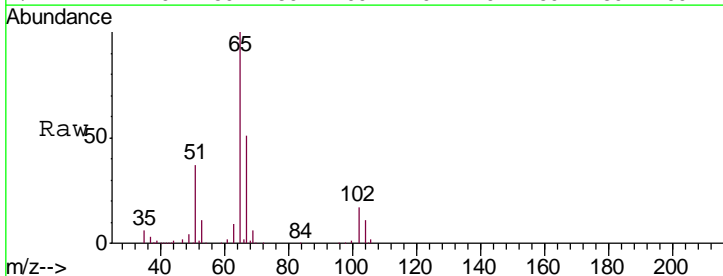
Instrument :  
 MSVOA\_W  
 ClientSampled :  
 T12-C2-(0)

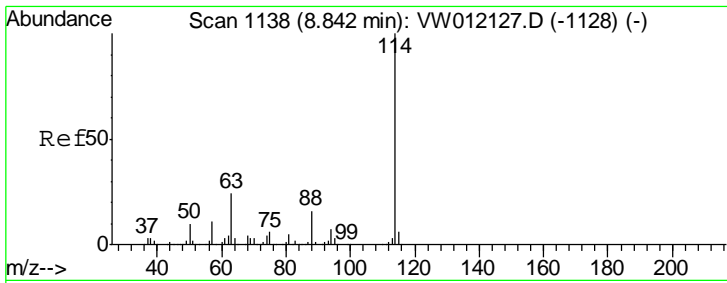
Tgt Ion: 168 Resp: 234969  
 Ion Ratio Lower Upper  
 168 100  
 99 60.3 49.2 73.8



#33  
 1,2-Dichloroethane-d4  
 Concen: 51.001 ug/l  
 RT: 8.30 min Scan# 1050  
 Delta R.T. -0.00 min  
 Lab File: VW012688.D  
 Acq: 06 Sep 2019 13:50

Tgt Ion: 65 Resp: 142457  
 Ion Ratio Lower Upper  
 65 100  
 67 50.4 0.0 102.6

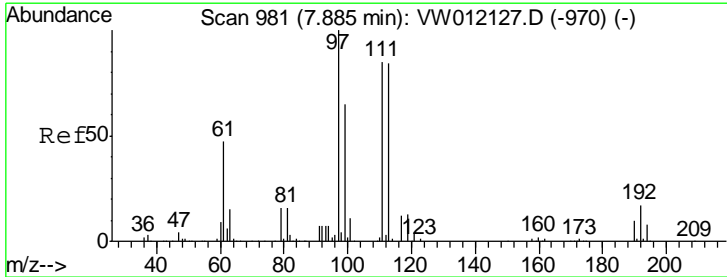
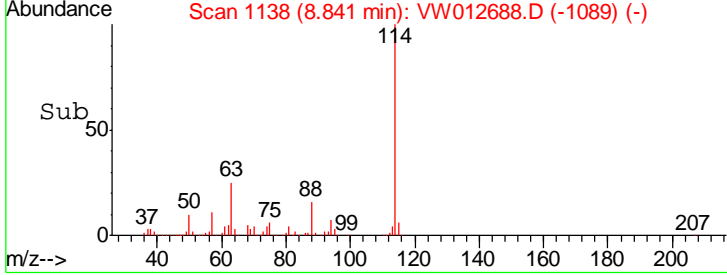
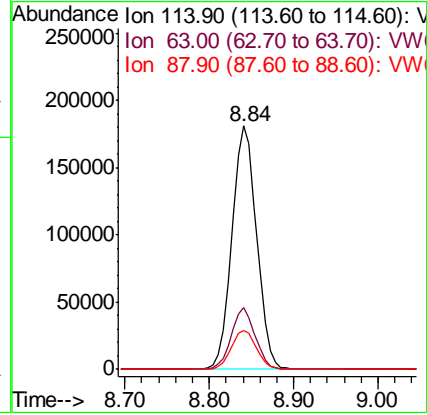
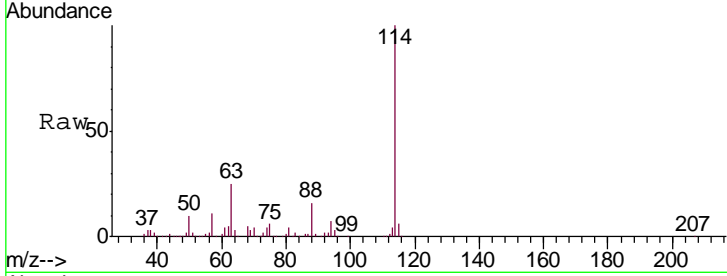




#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.84 min Scan# 1138  
 Delta R.T. -0.00 min  
 Lab File: VW012688.D  
 Acq: 06 Sep 2019 13:50

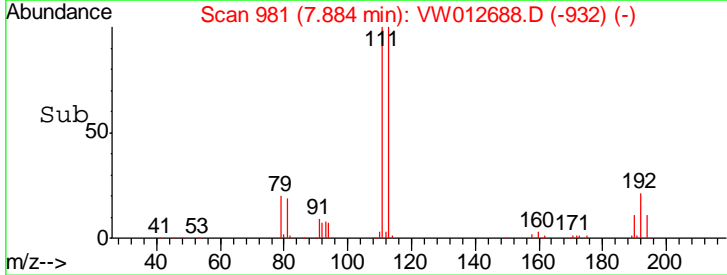
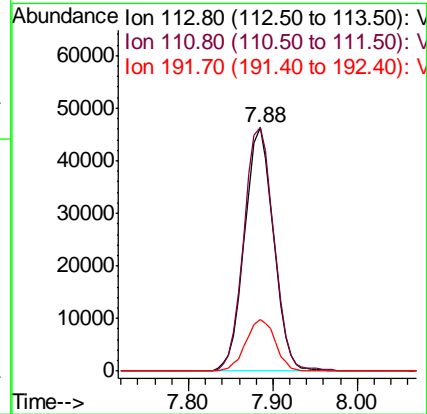
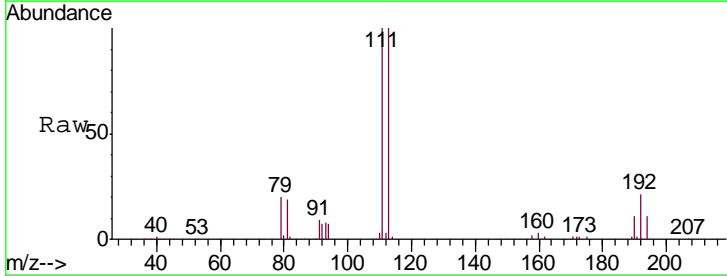
Instrument : MSVOA\_W  
 ClientSampled : T12-C2-(0)

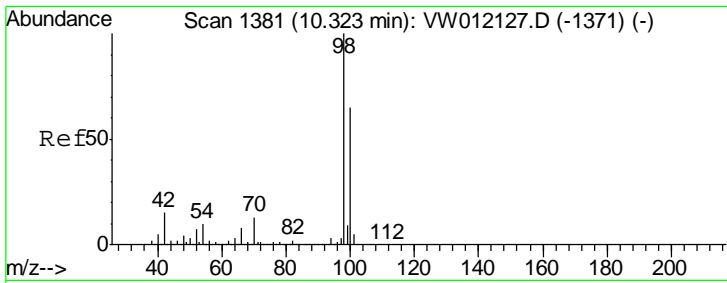
Tgt Ion	Resp	Lower	Upper
114	360682		
63	25.3	0.0	48.6
88	16.2	0.0	32.2



#35  
 Dibromofluoromethane  
 Concen: 49.830 ug/l  
 RT: 7.88 min Scan# 981  
 Delta R.T. -0.00 min  
 Lab File: VW012688.D  
 Acq: 06 Sep 2019 13:50

Tgt Ion	Resp	Lower	Upper
113	107281		
111	103.8	82.7	124.1
192	21.6	16.2	24.2

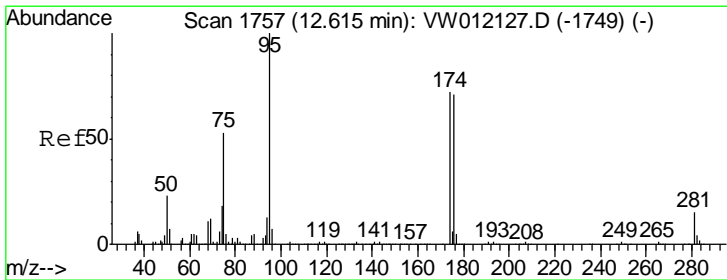
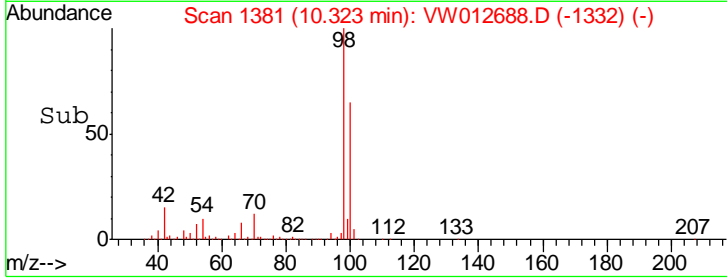
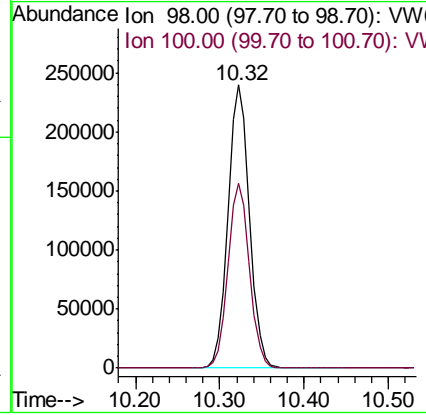
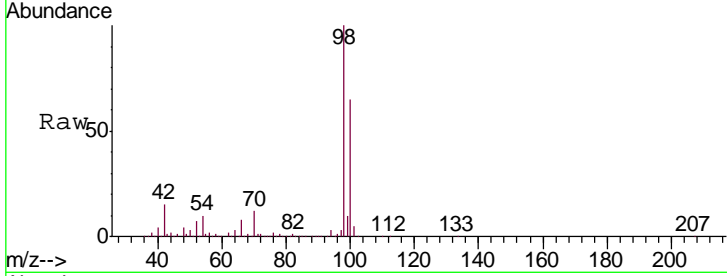




#50  
 Toluene-d8  
 Concen: 47.928 ug/l  
 RT: 10.32 min Scan# 1381  
 Delta R.T. -0.00 min  
 Lab File: VW012688.D  
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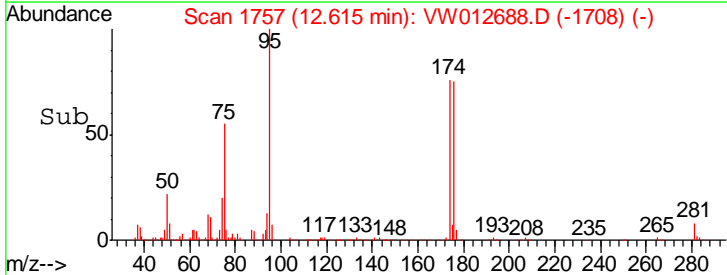
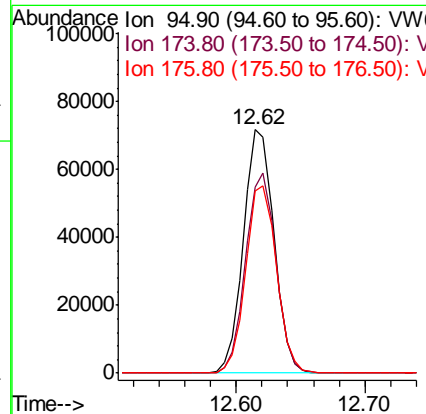
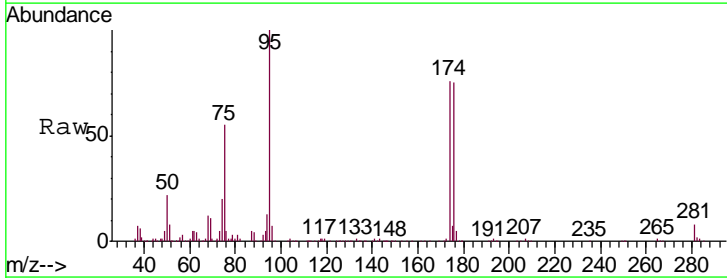
Instrument :  
 MSVOA\_W  
 ClientSampled :  
 T12-C2-(0)

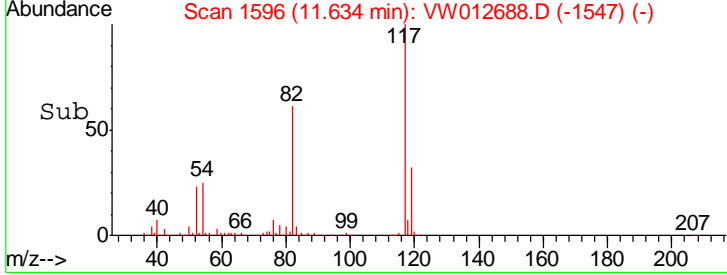
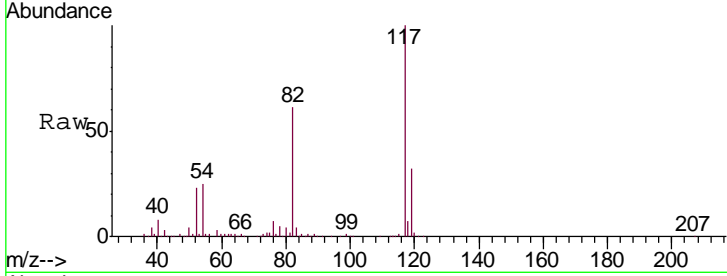
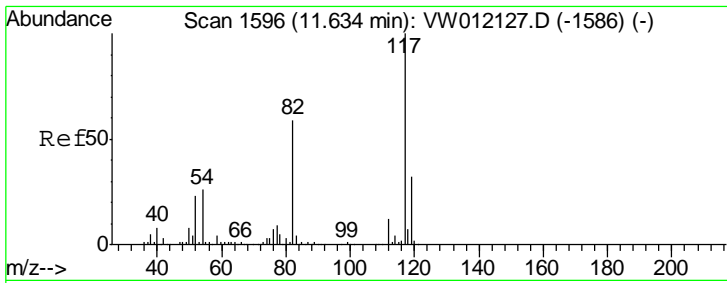
Tgt Ion: 98 Resp: 418387  
 Ion Ratio Lower Upper  
 98 100  
 100 65.2 52.4 78.6



#62  
 4-Bromofluorobenzene  
 Concen: 38.235 ug/l  
 RT: 12.62 min Scan# 1757  
 Delta R.T. -0.00 min  
 Lab File: VW012688.D  
 Acq: 06 Sep 2019 13:50

Tgt Ion: 95 Resp: 117655  
 Ion Ratio Lower Upper  
 95 100  
 174 81.1 0.0 150.8  
 176 77.2 0.0 148.6

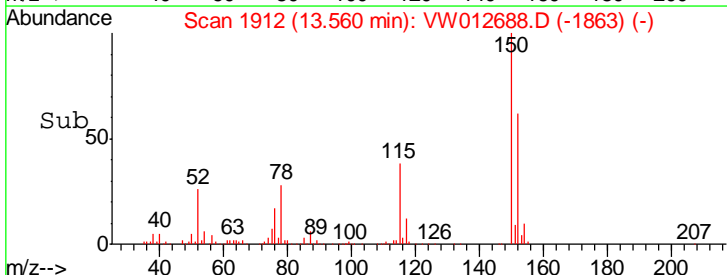
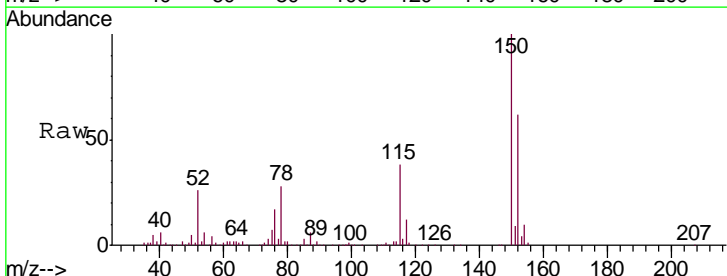
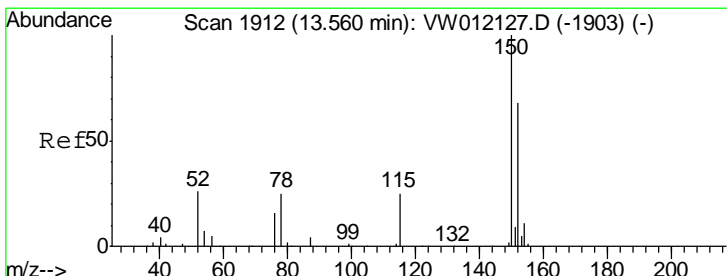
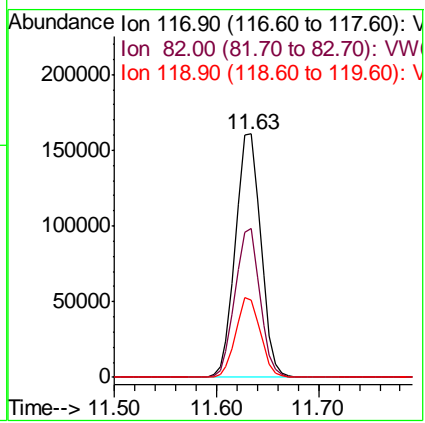




#63  
 Chlorobenzene-d5  
 Concen: 50.000 ug/l  
 RT: 11.63 min Scan# 1596  
 Delta R.T. -0.00 min  
 Lab File: VW012688.D  
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Instrument :  
 MSVOA\_W  
 ClientSampled :  
 T12-C2-(0)

Tgt Ion	Resp	Lower	Upper
117	276594		
82	61.1	47.4	71.2
119	31.9	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  
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Tgt Ion	Resp	Lower	Upper
152	95417		
115	61.0	30.1	90.3
150	159.8	0.0	345.8

