

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX012119\  
 Data File : VX007168.D  
 Acq On : 21 Jan 2019 19:20  
 Operator : JC/SP  
 Sample : K1195-05DL 5X  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleID :  
 SS038MW013-190116DL

Quant Time: Jan 22 02:07:20 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X010819W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jan 08 14:06:59 2019  
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	566581	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	875103	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	833056	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	426774	50.00	ug/l	0.00

## System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	304601	51.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.88%	
35) Dibromofluoromethane	5.51	113	271202	48.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.78%	
50) Toluene-d8	8.71	98	1055287	51.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.90%	
62) 4-Bromofluorobenzene	11.13	95	386214	54.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.02%	

## Target Compounds

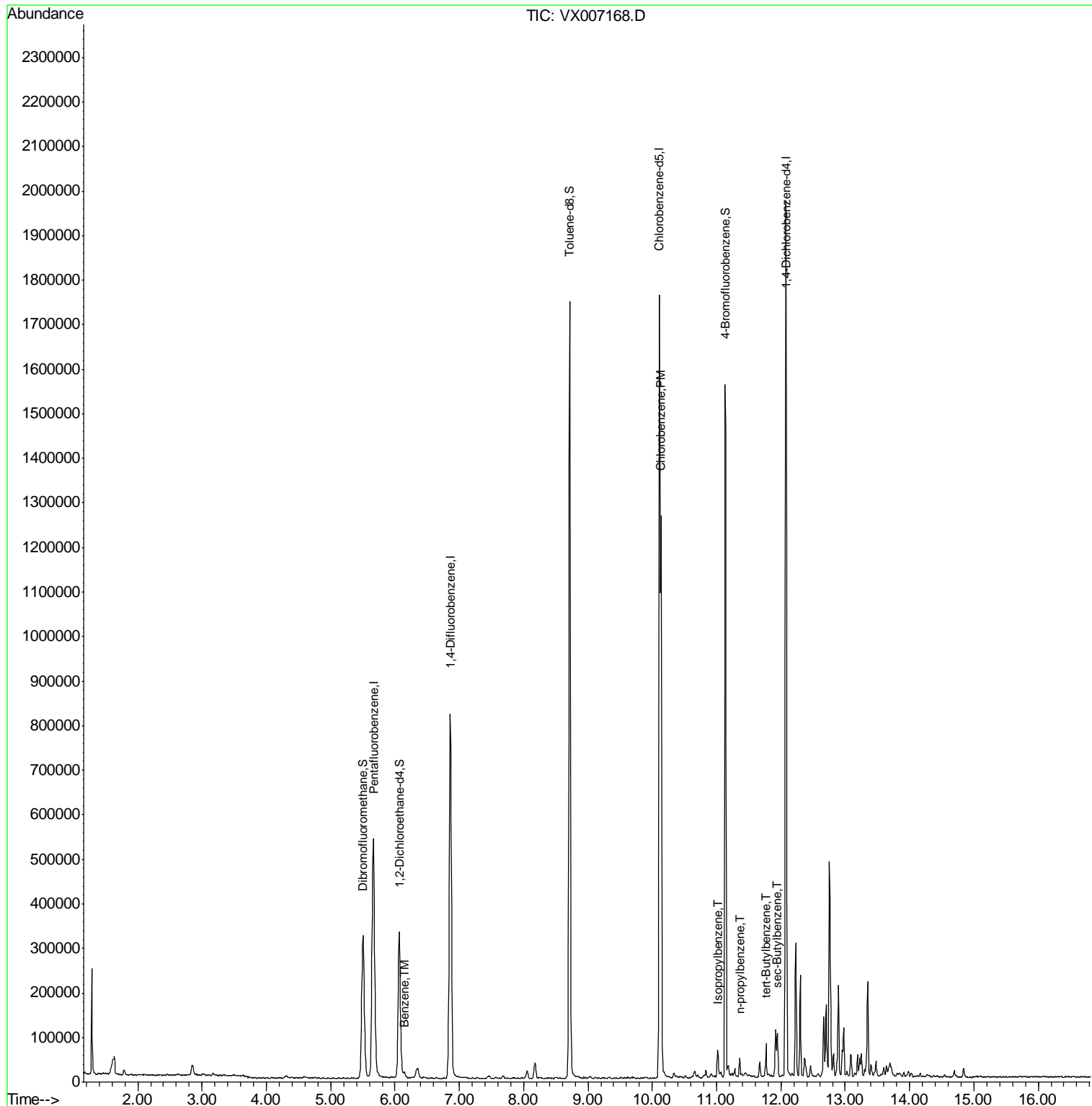
					Qvalue	
40) Benzene	6.15	78	14798	0.637	ug/l	96
65) Chlorobenzene	10.13	112	549813	30.260	ug/l	98
73) Isopropylbenzene	11.02	105	32561	1.082	ug/l	100
78) n-propylbenzene	11.36	91	26189	0.793	ug/l	99
83) tert-Butylbenzene	11.77	119	28042	1.118	ug/l	87
85) sec-Butylbenzene	11.94	105	50980	1.701	ug/l	99

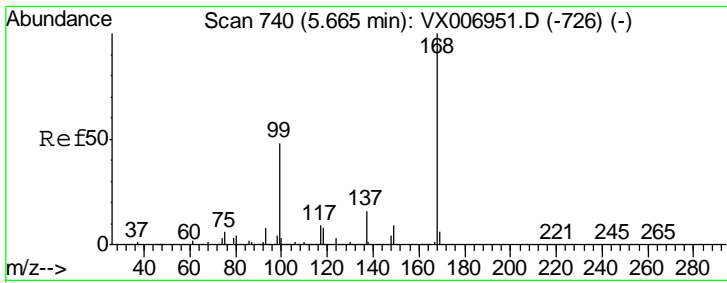
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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 Quant Title : SW846 8260  
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 Response via : Initial Calibration

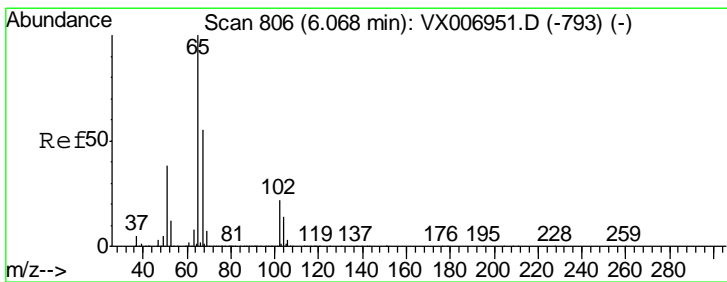
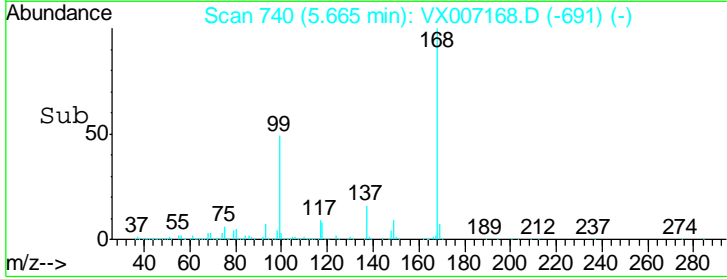
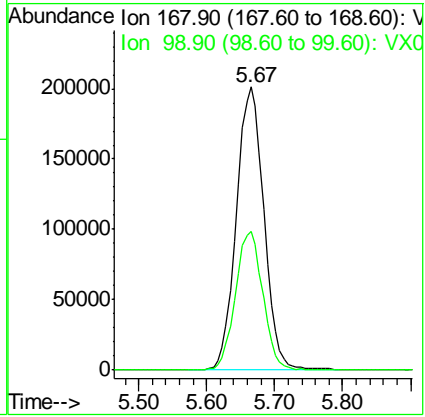
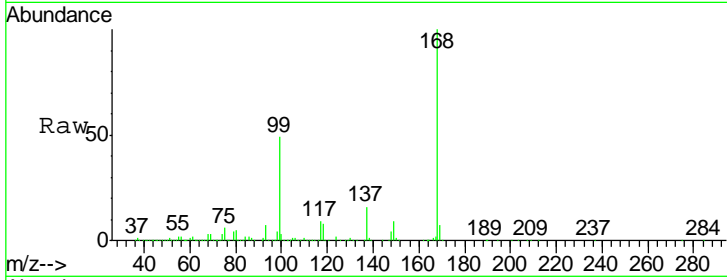




#1  
 Pentafluorobenzene  
 Concen: 50.000 ug/l  
 RT: 5.67 min Scan# 740  
 Delta R.T. -0.00 min  
 Lab File: VX007168.D  
 Acq: 21 Jan 2019 19:20

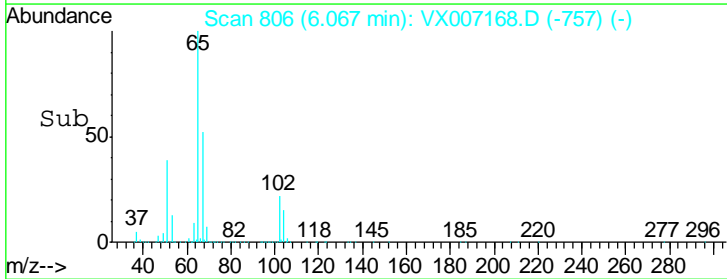
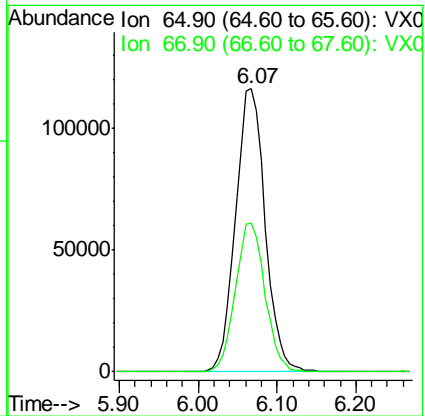
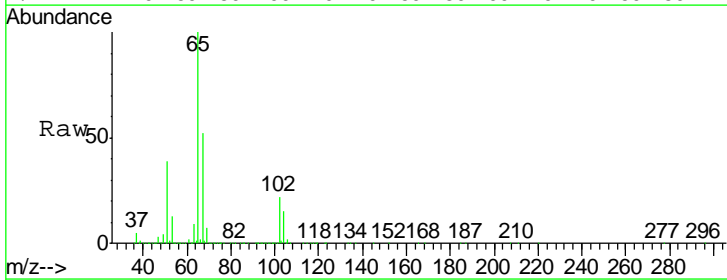
**Instrument :**  
 MSVOA\_X  
**ClientSampled :**  
 SS038MW013-190116DL

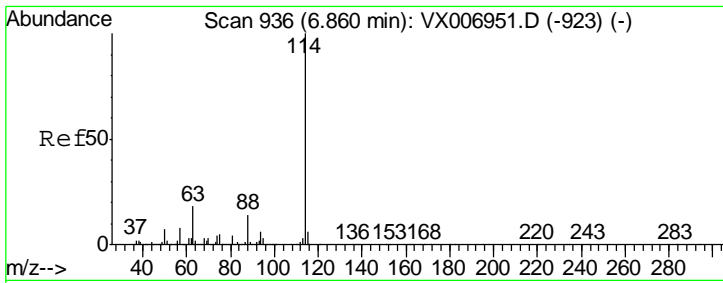
Tgt Ion	Resp	Lower	Upper
168	100		
99	49.0	41.8	62.8



#33  
 1,2-Dichloroethane-d4  
 Concen: 51.442 ug/l  
 RT: 6.07 min Scan# 806  
 Delta R.T. -0.00 min  
 Lab File: VX007168.D  
 Acq: 21 Jan 2019 19:20

Tgt Ion	Resp	Lower	Upper
65	100		
67	52.3	0.0	105.0

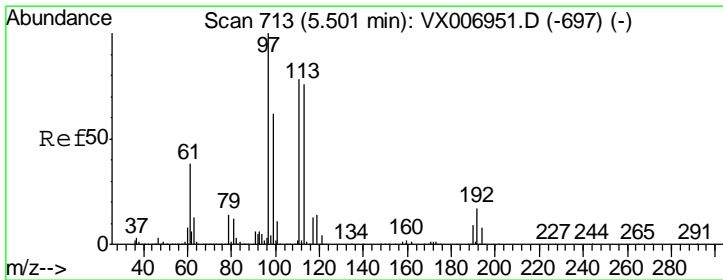
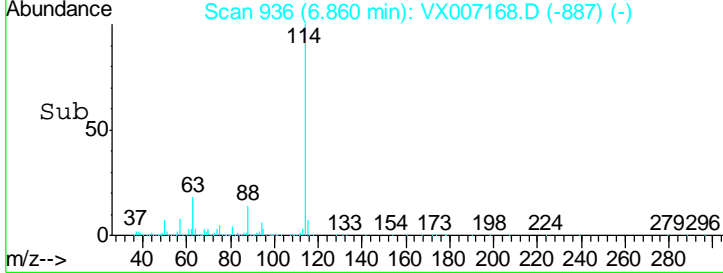
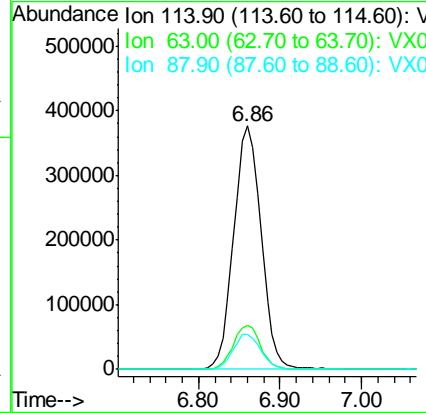
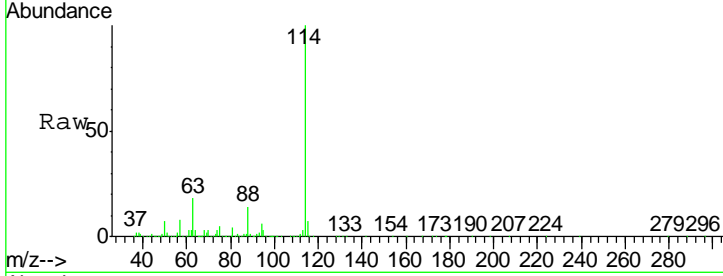




#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 6.86 min Scan# 936  
 Delta R.T. -0.00 min  
 Lab File: VX007168.D  
 Acq: 21 Jan 2019 19:20

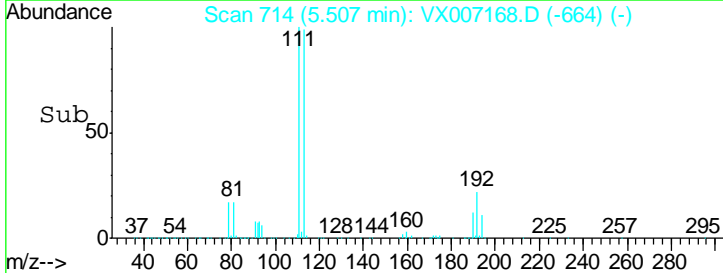
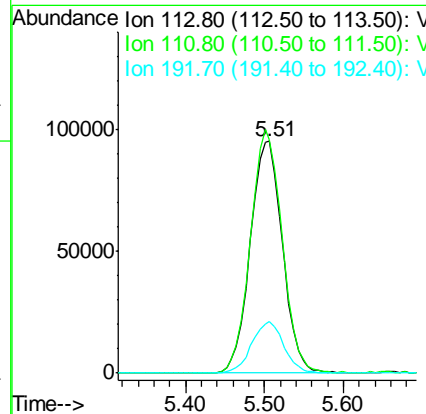
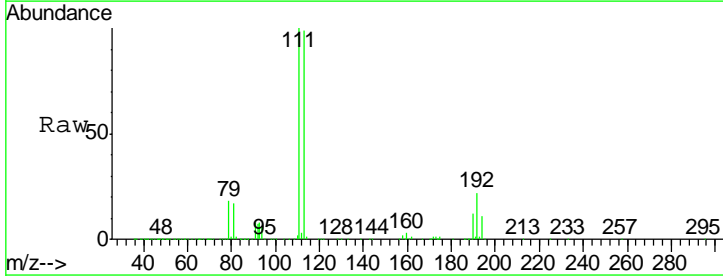
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 SS038MW013-190116DL

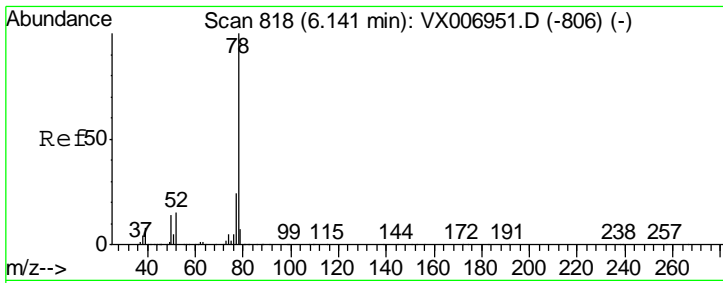
Tgt Ion	Resp	Lower	Upper
114	875103		
63	18.2	0.0	34.8
88	14.2	0.0	28.8



#35  
 Dibromofluoromethane  
 Concen: 48.393 ug/l  
 RT: 5.51 min Scan# 714  
 Delta R.T. 0.01 min  
 Lab File: VX007168.D  
 Acq: 21 Jan 2019 19:20

Tgt Ion	Resp	Lower	Upper
113	271202		
111	103.2	81.6	122.4
192	22.0	16.7	25.1

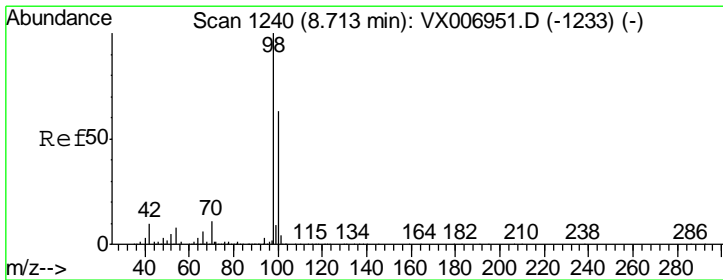
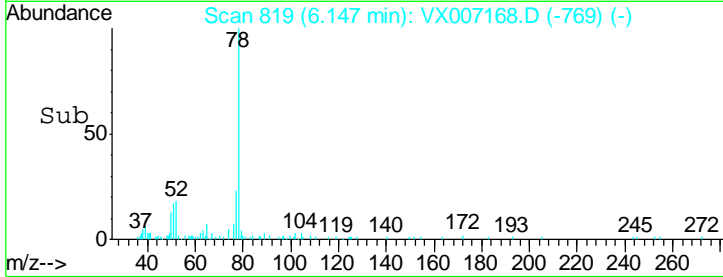
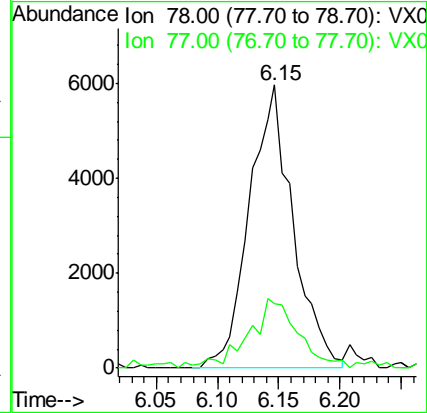
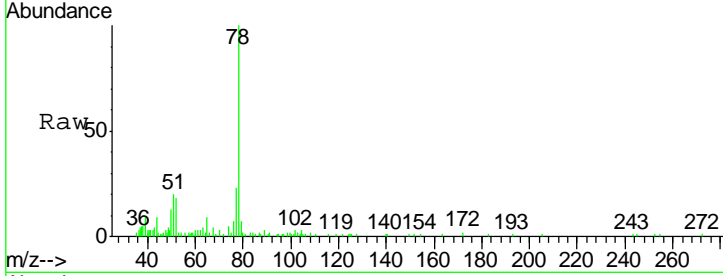




#40  
Benzene  
Concen: 0.637 ug/l  
RT: 6.15 min Scan# 819  
Delta R.T. 0.01 min  
Lab File: VX007168.D  
Acq: 21 Jan 2019 19:20

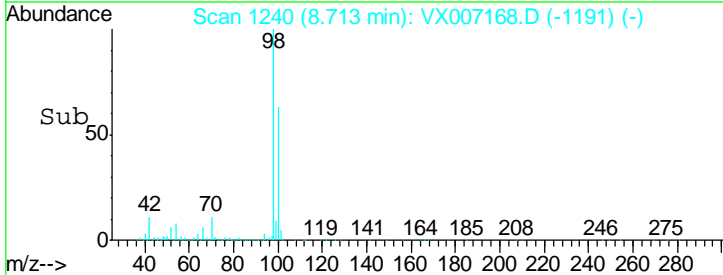
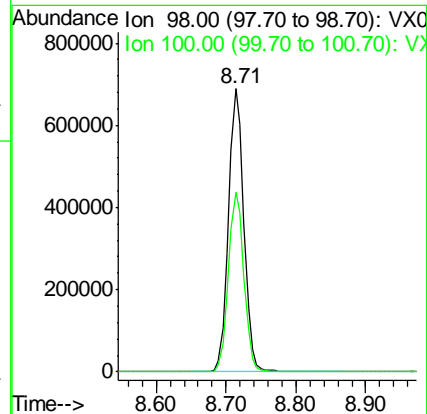
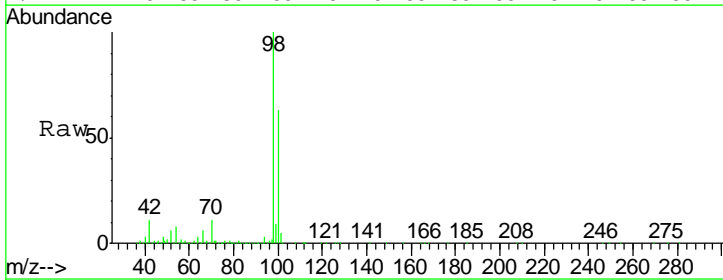
Instrument :  
MSVOA\_X  
ClientSampled :  
SS038MW013-190116DL

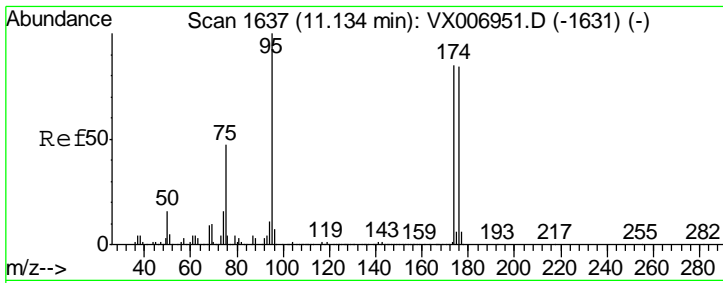
Tgt Ion: 78 Resp: 14798  
Ion Ratio Lower Upper  
78 100  
77 21.9 19.2 28.8



#50  
Toluene-d8  
Concen: 51.445 ug/l  
RT: 8.71 min Scan# 1240  
Delta R.T. -0.00 min  
Lab File: VX007168.D  
Acq: 21 Jan 2019 19:20

Tgt Ion: 98 Resp: 1055287  
Ion Ratio Lower Upper  
98 100  
100 64.1 52.0 78.0

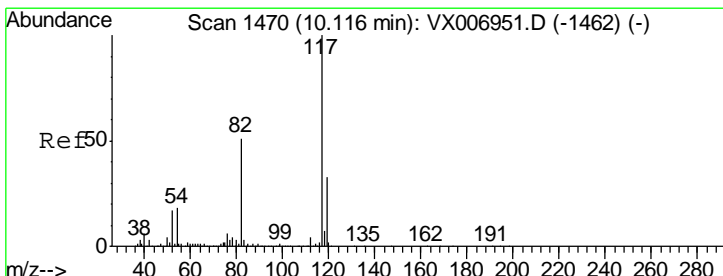
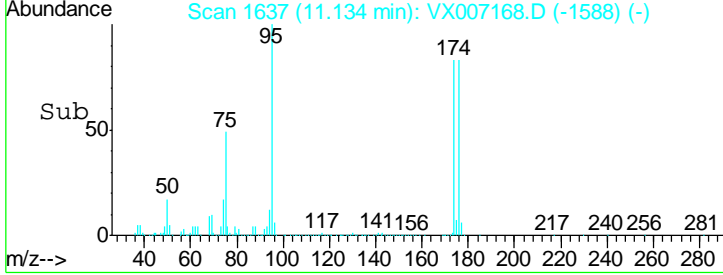
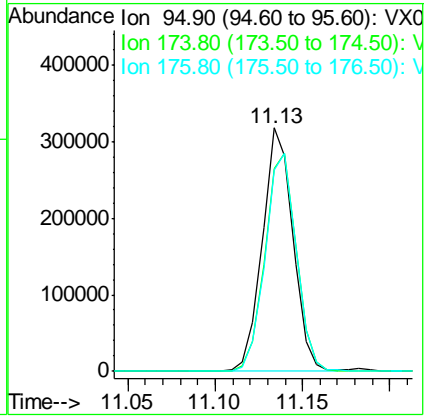
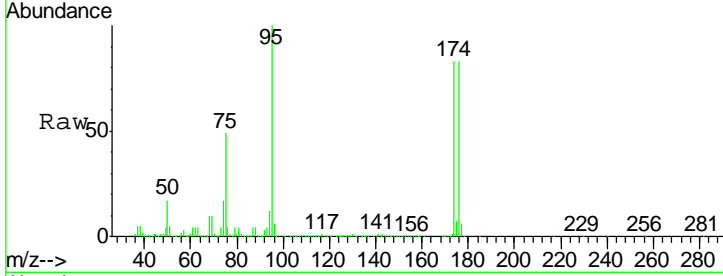




#62  
 4-Bromofluorobenzene  
 Concen: 54.007 ug/l  
 RT: 11.13 min Scan# 1637  
 Delta R.T. -0.00 min  
 Lab File: VX007168.D  
 Acq: 21 Jan 2019 19:20

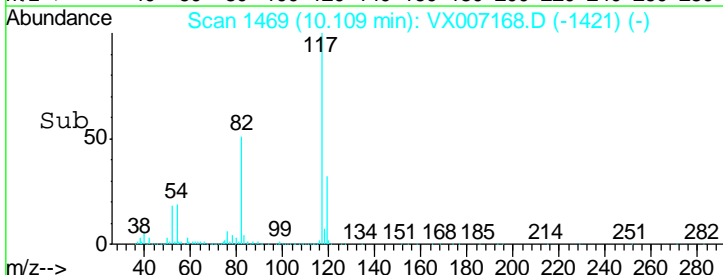
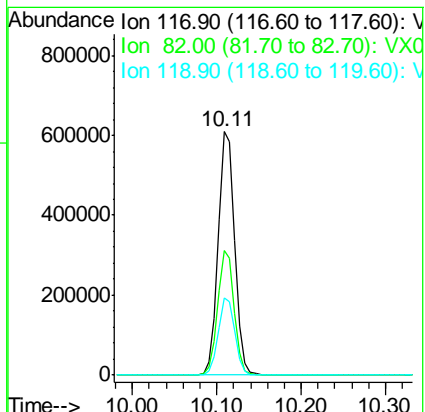
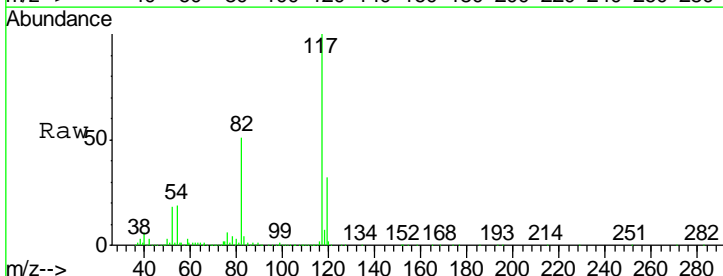
Instrument : MSVOA\_X  
 ClientSampled : SS038MW013-190116DL

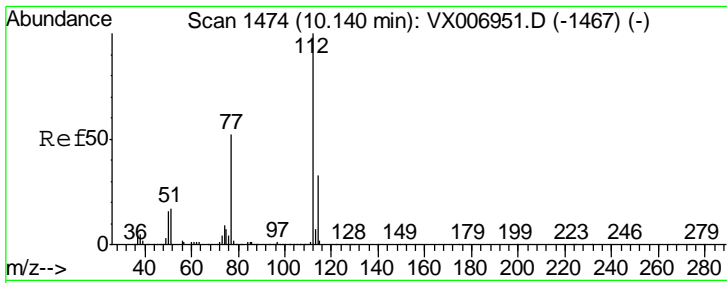
Tgt Ion	Resp	Lower	Upper
95	100		
174	92.1	0.0	182.2
176	91.6	0.0	178.8



#63  
 Chlorobenzene-d5  
 Concen: 50.000 ug/l  
 RT: 10.11 min Scan# 1469  
 Delta R.T. -0.01 min  
 Lab File: VX007168.D  
 Acq: 21 Jan 2019 19:20

Tgt Ion	Resp	Lower	Upper
117	100		
82	51.0	41.0	61.6
119	31.9	25.4	38.0

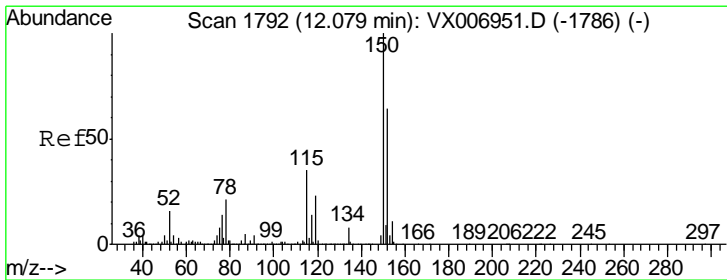
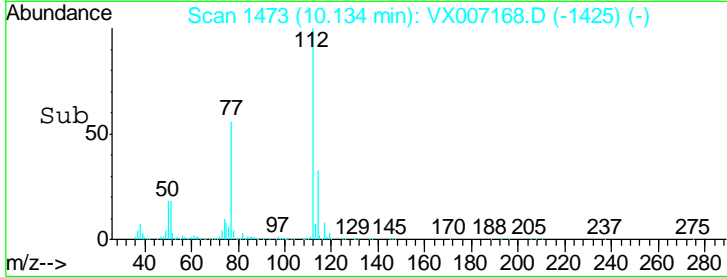
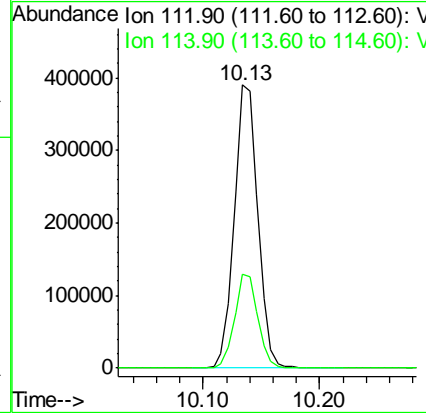
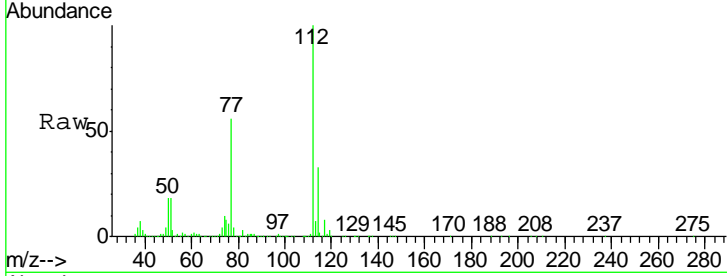




#65  
 Chlorobenzene  
 Concen: 30.260 ug/l  
 RT: 10.13 min Scan# 1473  
 Delta R.T. -0.01 min  
 Lab File: VX007168.D  
 Acq: 21 Jan 2019 19:20

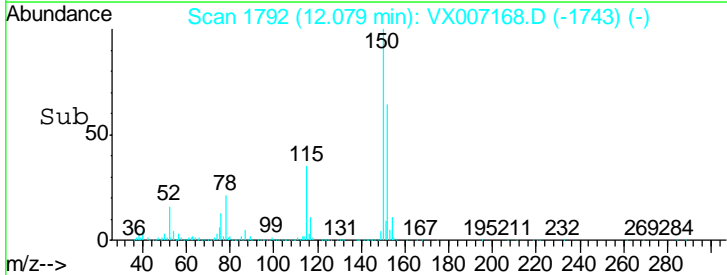
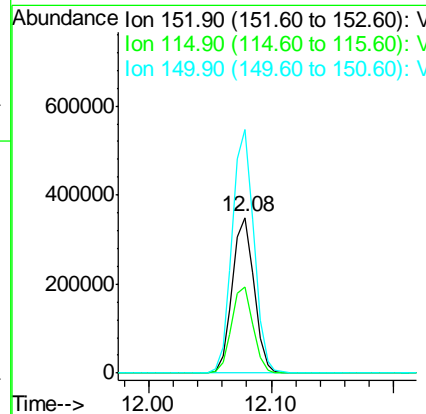
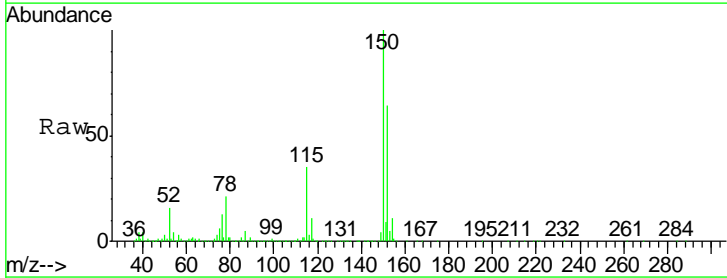
Instrument : MSVOA\_X  
 ClientSampled : SS038MW013-190116DL

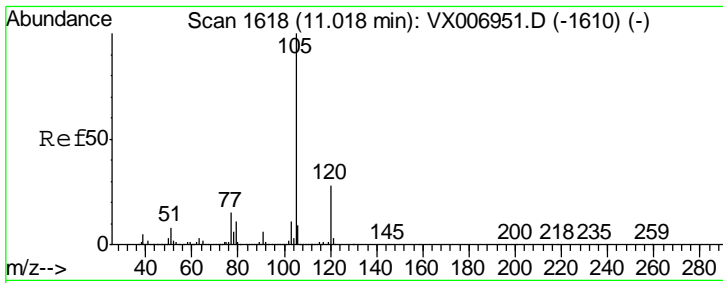
Tgt Ion: 112 Resp: 549813  
 Ion Ratio Lower Upper  
 112 100  
 114 33.2 25.7 38.5



#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 12.08 min Scan# 1792  
 Delta R.T. -0.00 min  
 Lab File: VX007168.D  
 Acq: 21 Jan 2019 19:20

Tgt Ion: 152 Resp: 426774  
 Ion Ratio Lower Upper  
 152 100  
 115 55.2 39.1 117.2  
 150 156.8 0.0 344.8

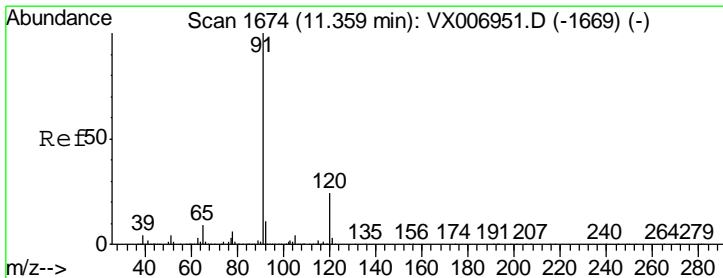
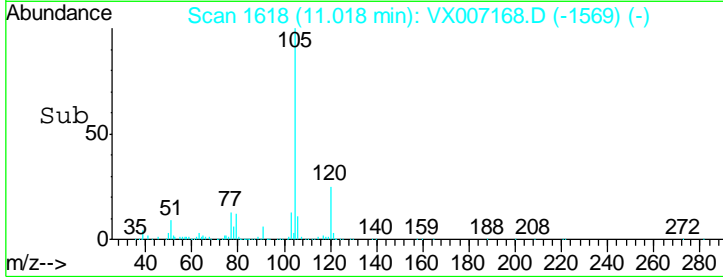
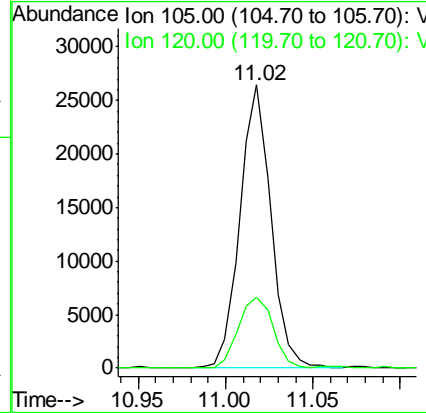
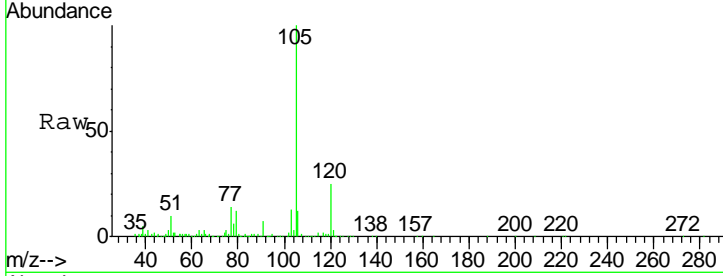




#73  
 Isopropylbenzene  
 Concen: 1.082 ug/l  
 RT: 11.02 min Scan# 1618  
 Delta R.T. -0.00 min  
 Lab File: VX007168.D  
 Acq: 21 Jan 2019 19:20

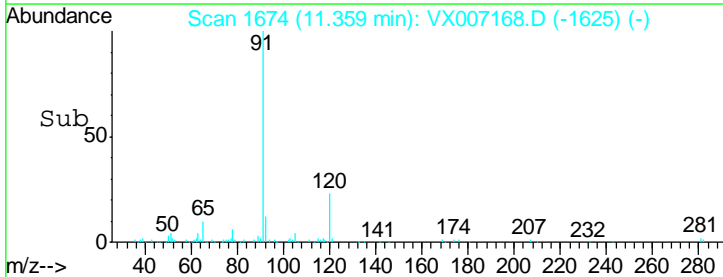
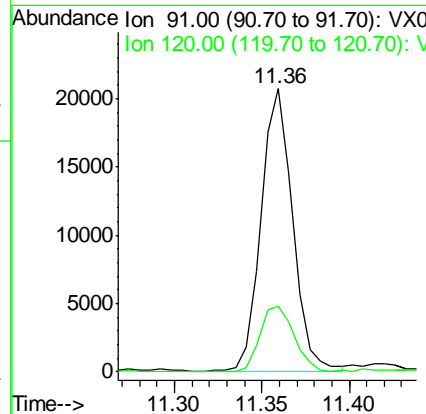
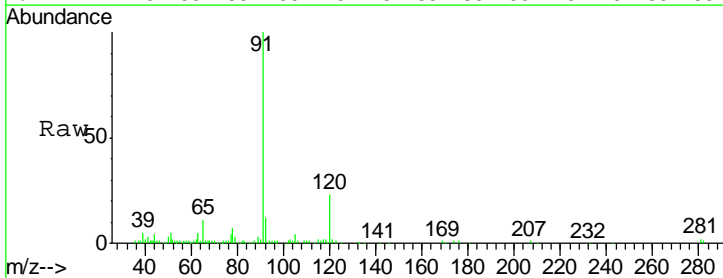
Instrument : MSVOA\_X  
 ClientSampleId : SS038MW013-190116DL

Tgt Ion	Resp	Lower	Upper
105	100		
120	28.3	14.1	42.4

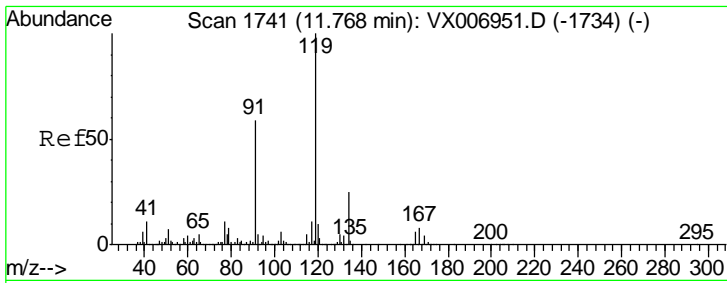


#78  
 n-propylbenzene  
 Concen: 0.793 ug/l  
 RT: 11.36 min Scan# 1674  
 Delta R.T. -0.00 min  
 Lab File: VX007168.D  
 Acq: 21 Jan 2019 19:20

Tgt Ion	Resp	Lower	Upper
91	100		
120	25.0	12.7	38.0



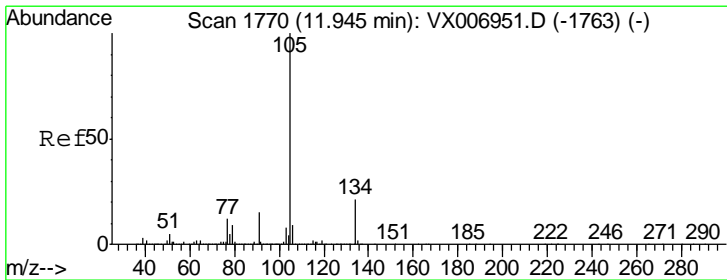
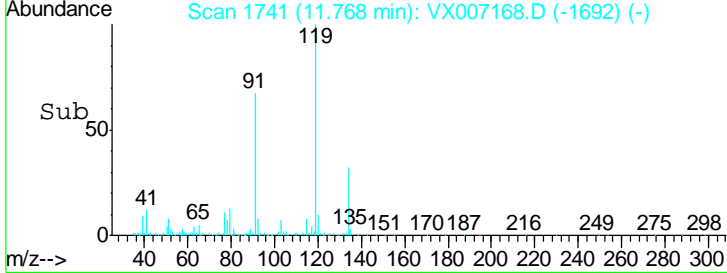
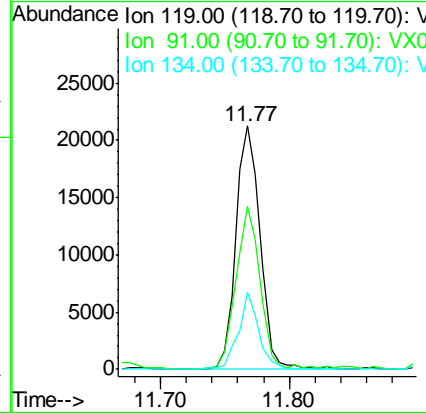
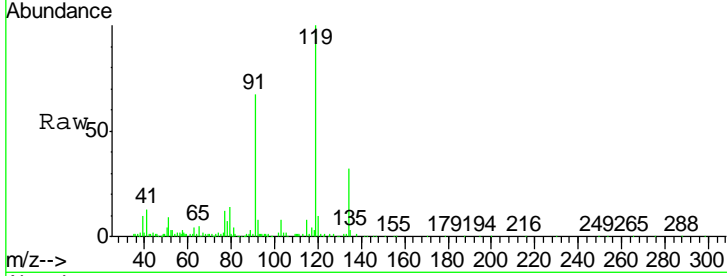




#83  
 tert-Butylbenzene  
 Concen: 1.118 ug/l  
 RT: 11.77 min Scan# 1741  
 Delta R.T. -0.00 min  
 Lab File: VX007168.D  
 Acq: 21 Jan 2019 19:20

Instrument : MSVOA\_X  
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Tgt Ion	Resp	Lower	Upper
119	28042		
91	67.4	27.7	83.1
134	26.7	11.9	35.5



#85  
 sec-Butylbenzene  
 Concen: 1.701 ug/l  
 RT: 11.94 min Scan# 1770  
 Delta R.T. -0.00 min  
 Lab File: VX007168.D  
 Acq: 21 Jan 2019 19:20

Tgt Ion	Resp	Lower	Upper
105	50980		
134	21.0	10.7	31.9

