

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_X\DATA\VX111418\  
 Data File : VX006011.D  
 Acq On : 15 Nov 2018 08:32  
 Operator : JC/MD  
 Sample : J5918-07  
 Misc : 5.00g/10ml/100ul/5.00mL/MSVOA\_X/MEOH  
 ALS Vial : 48 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 FDSB-11(11-13)

Quant Time: Nov 15 10:05:28 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X110718W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Nov 07 14:40:53 2018  
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	126851	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	193993	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	175714	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	94185	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	78438	53.79	ug/l	0.00
Spiked Amount	50.000		Recovery	= 107.58%		
35) Dibromofluoromethane	5.51	113	60710	46.01	ug/l	0.00
Spiked Amount	50.000		Recovery	= 92.02%		
50) Toluene-d8	8.71	98	233637	53.26	ug/l	0.00
Spiked Amount	50.000		Recovery	= 106.52%		
62) 4-Bromofluorobenzene	11.14	95	88409	56.06	ug/l	0.00
Spiked Amount	50.000		Recovery	= 112.12%		

Target Compounds

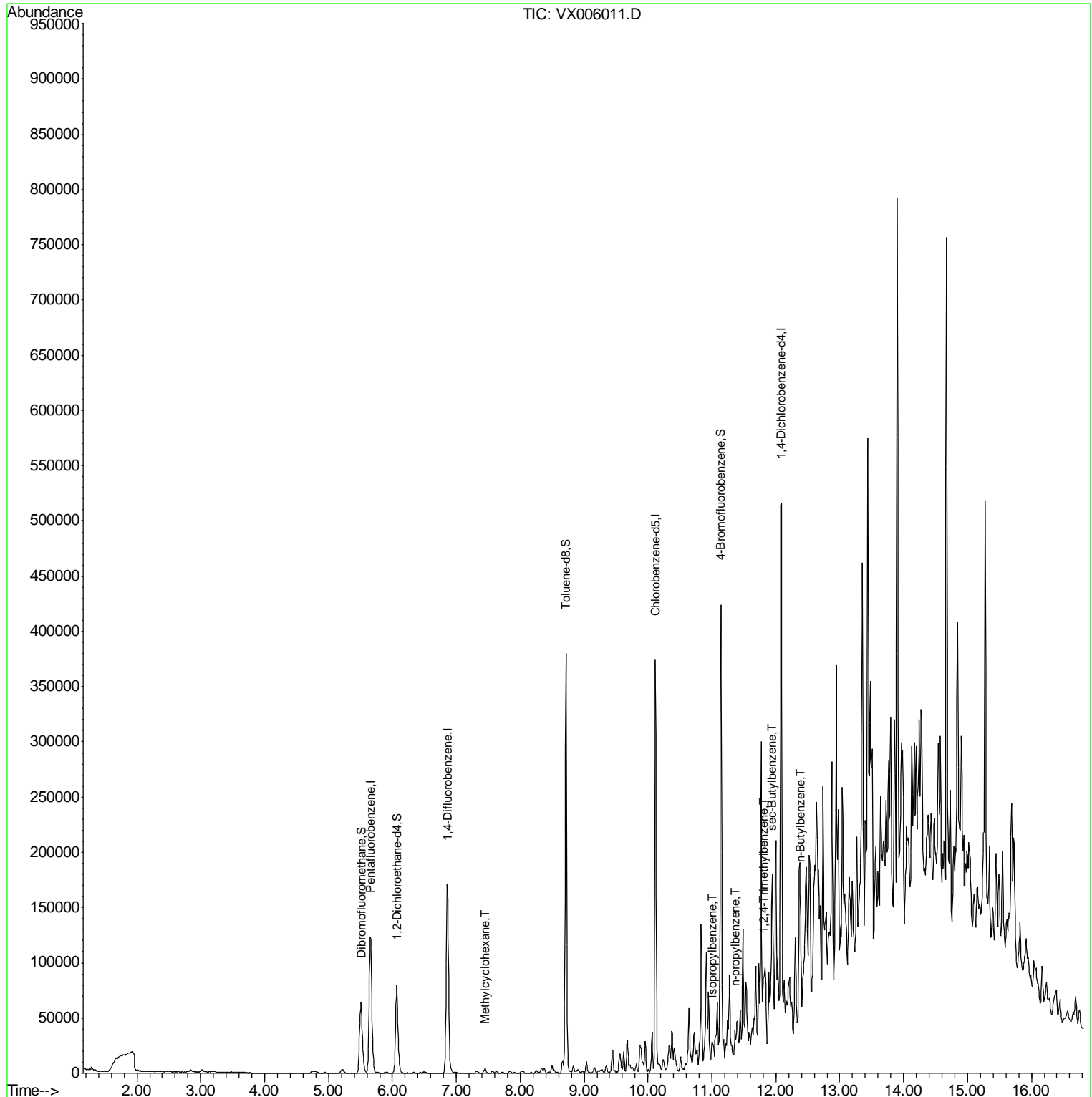
						Qvalue
39) Methylcyclohexane	7.45	83	1595	0.84	ug/l	# 84
73) Isopropylbenzene	11.02	105	5387	0.99	ug/l	98
78) n-propylbenzene	11.36	91	14725	2.29	ug/l	96
84) 1,2,4-Trimethylbenzene	11.81	105	5402	0.94	ug/l	96
85) sec-Butylbenzene	11.95	105	16207	2.83	ug/l	82
89) n-Butylbenzene	12.39	91	19681	4.19	ug/l	87

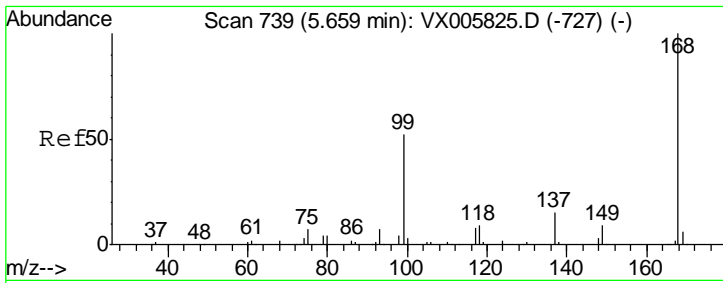
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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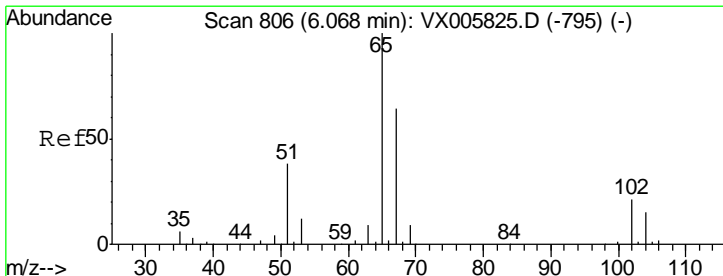
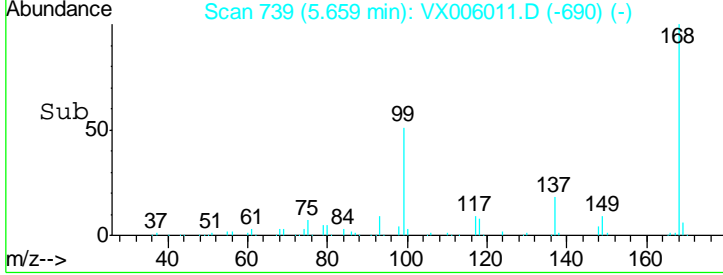
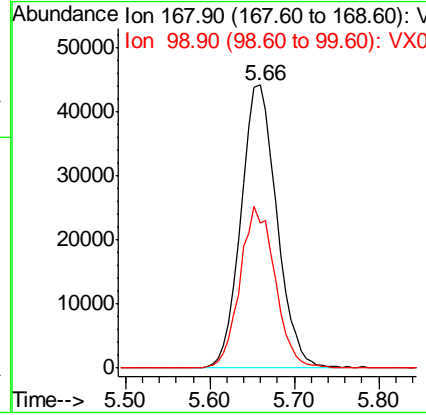
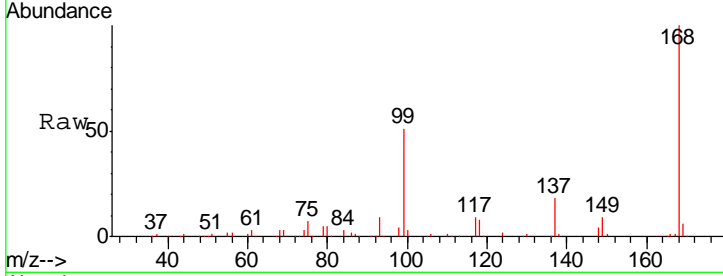




#1  
 Pentafluorobenzene  
 Concen: 50.00 ug/l  
 RT: 5.66 min Scan# 739  
 Delta R.T. -0.00 min  
 Lab File: VX006011.D  
 Acq: 15 Nov 2018 08:32

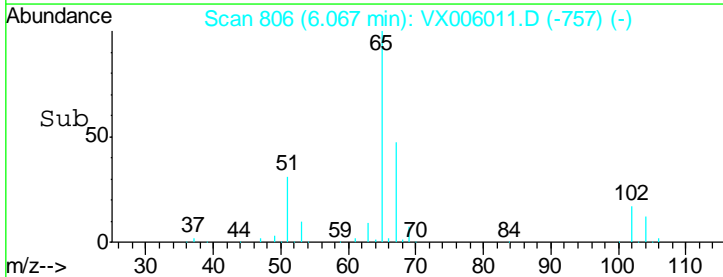
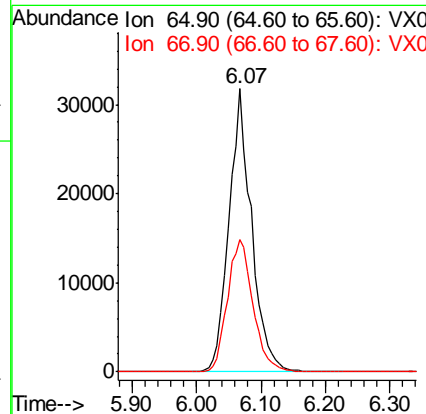
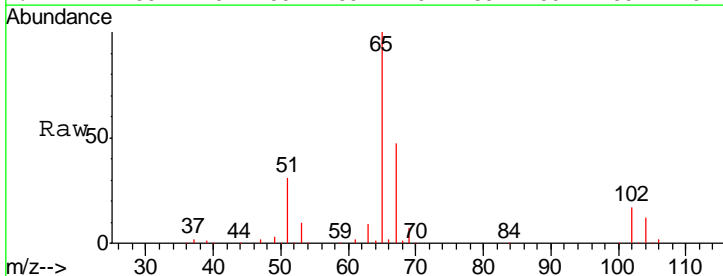
Instrument : MSVOA\_X  
 ClientSampleId : FDSB-11(11-13)

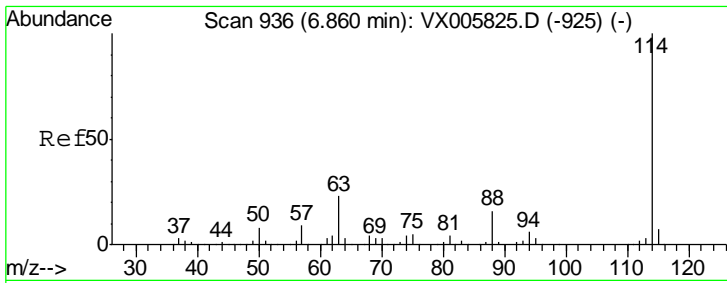
Tgt Ion: 168 Resp: 126851  
 Ion Ratio Lower Upper  
 168 100  
 99 51.2 40.7 61.1



#33  
 1,2-Dichloroethane-d4  
 Concen: 53.79 ug/l  
 RT: 6.07 min Scan# 806  
 Delta R.T. -0.00 min  
 Lab File: VX006011.D  
 Acq: 15 Nov 2018 08:32

Tgt Ion: 65 Resp: 78438  
 Ion Ratio Lower Upper  
 65 100  
 67 52.8 0.0 105.0

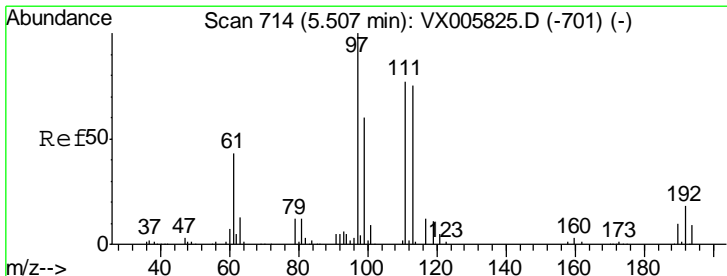
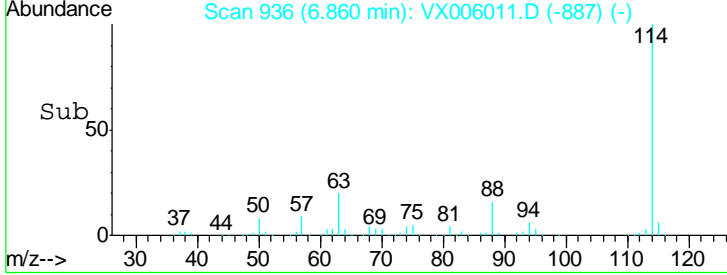
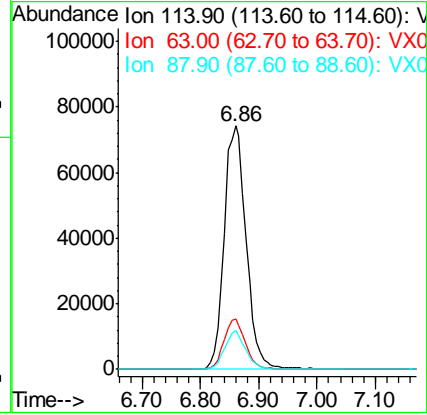
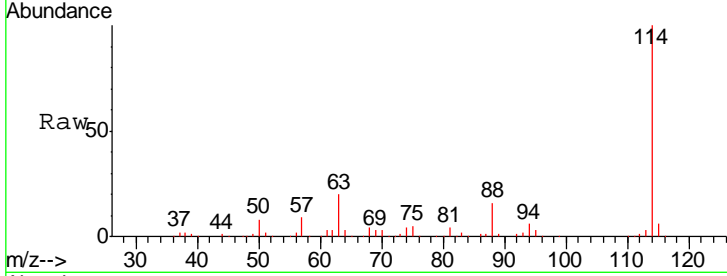




#34  
 1,4-Difluorobenzene  
 Concen: 50.00 ug/l  
 RT: 6.86 min Scan# 936  
 Delta R.T. -0.00 min  
 Lab File: VX006011.D  
 Acq: 15 Nov 2018 08:32

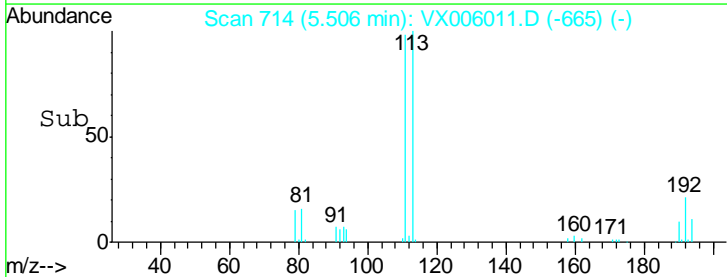
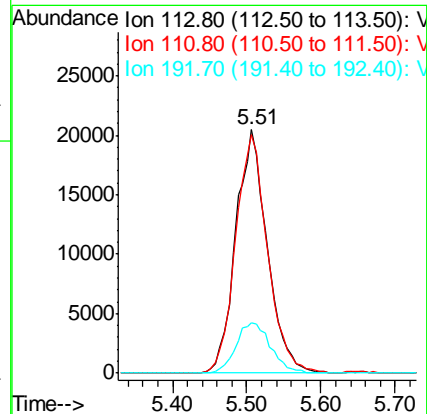
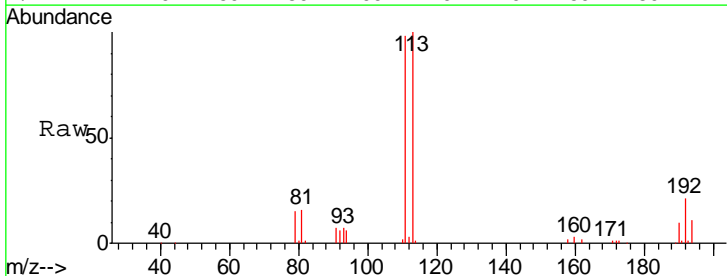
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 FDSB-11(11-13)

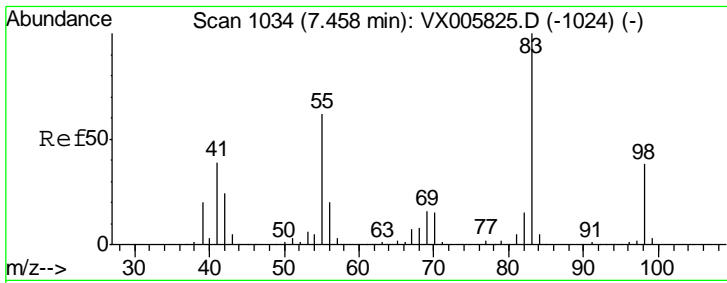
Tgt Ion	Resp	Lower	Upper
114	193993		
63	20.5	0.0	42.8
88	15.7	0.0	31.2



#35  
 Dibromofluoromethane  
 Concen: 46.01 ug/l  
 RT: 5.51 min Scan# 714  
 Delta R.T. -0.00 min  
 Lab File: VX006011.D  
 Acq: 15 Nov 2018 08:32

Tgt Ion	Resp	Lower	Upper
113	60710		
111	99.3	82.3	123.5
192	22.7	17.9	26.9

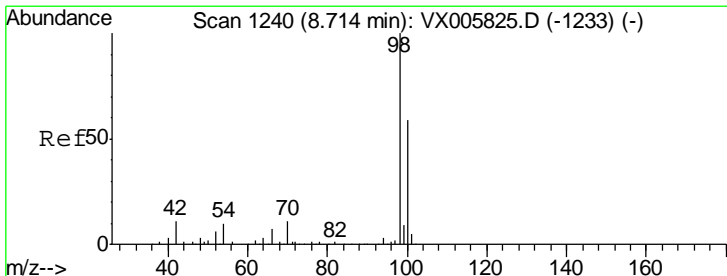
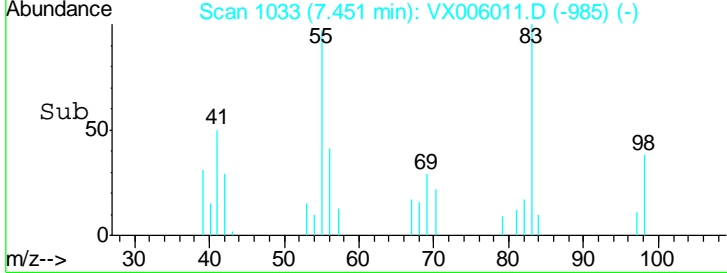
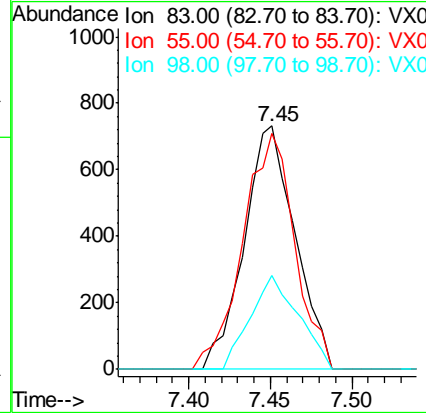
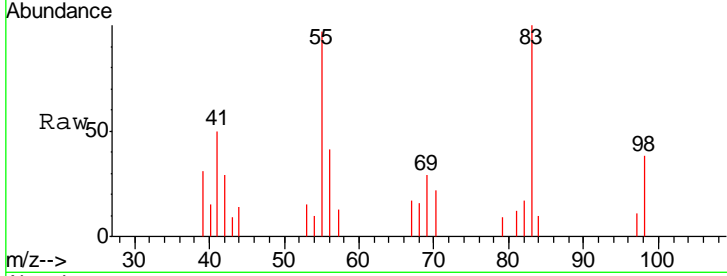




#39  
 Methylcyclohexane  
 Concen: 0.84 ug/l  
 RT: 7.45 min Scan# 1033  
 Delta R.T. -0.01 min  
 Lab File: VX006011.D  
 Acq: 15 Nov 2018 08:32

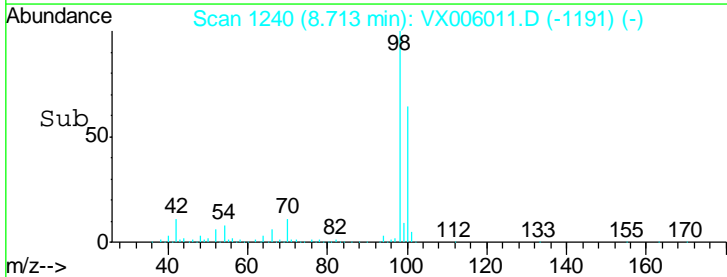
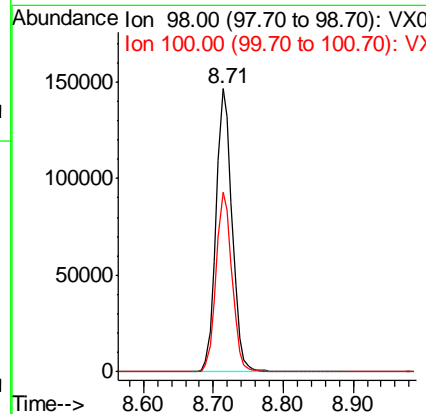
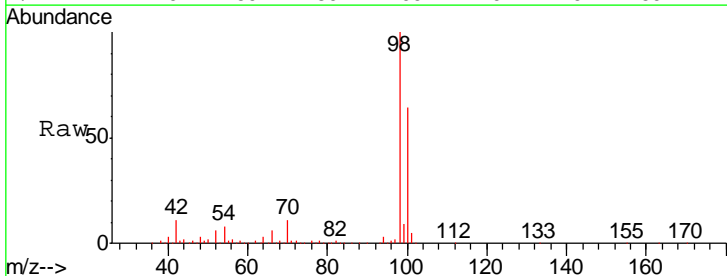
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 FDSB-11(11-13)

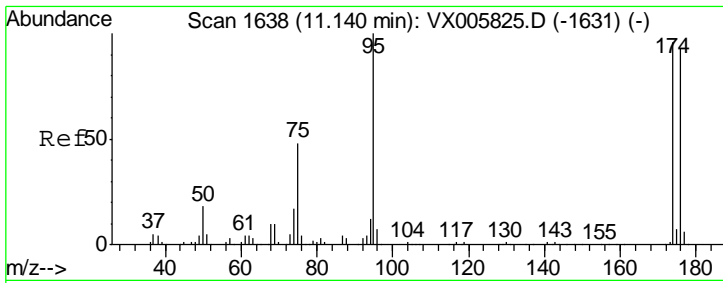
Tgt Ion	Resp	Lower	Upper
83	1595		
55	96.7	63.7	95.5#
98	38.4	36.2	54.2



#50  
 Toluene-d8  
 Concen: 53.26 ug/l  
 RT: 8.71 min Scan# 1240  
 Delta R.T. -0.00 min  
 Lab File: VX006011.D  
 Acq: 15 Nov 2018 08:32

Tgt Ion	Resp	Lower	Upper
98	233637		
100	63.3	51.3	76.9



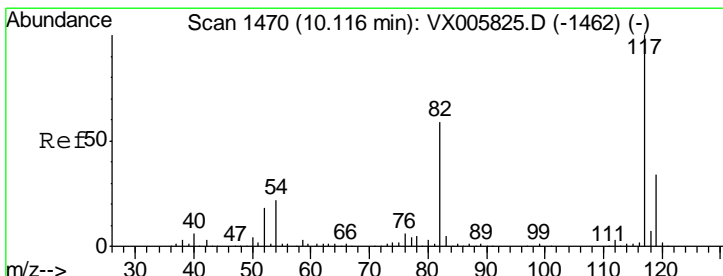
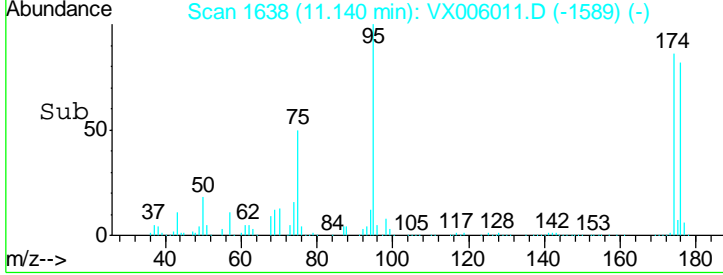
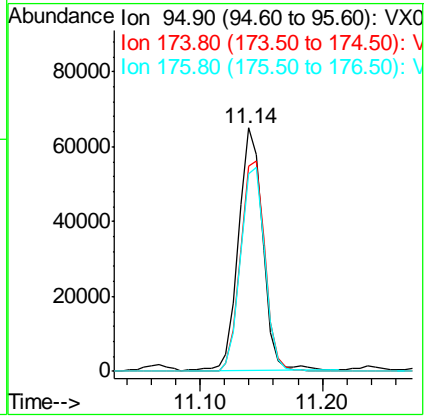
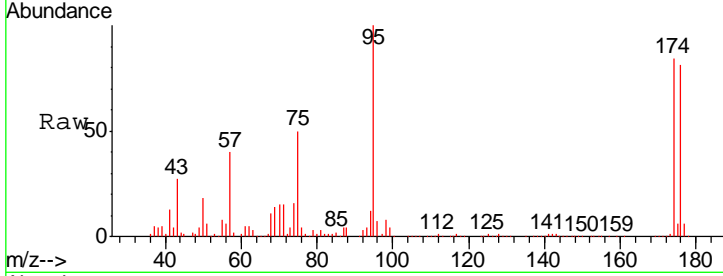


#62  
 4-Bromofluorobenzene  
 Concen: 56.06 ug/l  
 RT: 11.14 min Scan# 1638  
 Delta R.T. -0.00 min  
 Lab File: VX006011.D  
 Acq: 15 Nov 2018 08:32

Instrument : MSVOA\_X  
 ClientSampled : FDSB-11(11-13)

Tgt Ion: 95 Resp: 88409

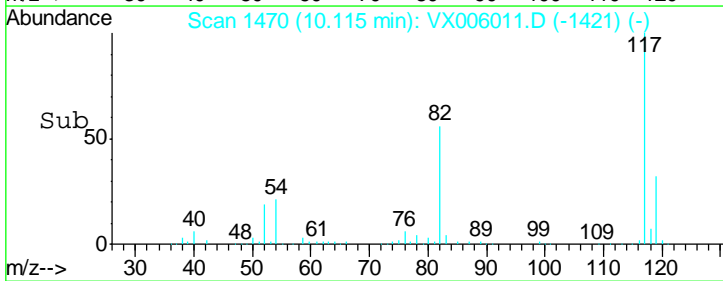
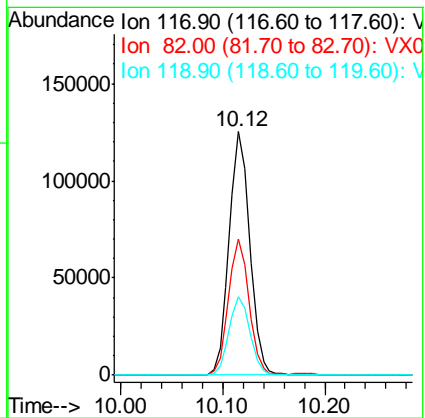
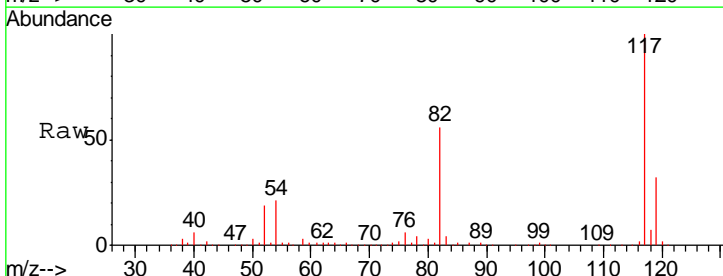
Ion	Ratio	Lower	Upper
95	100		
174	87.7	0.0	184.4
176	84.7	0.0	177.4

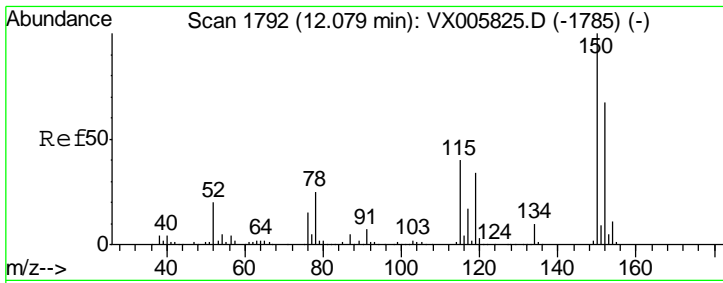


#63  
 Chlorobenzene-d5  
 Concen: 50.00 ug/l  
 RT: 10.12 min Scan# 1470  
 Delta R.T. -0.00 min  
 Lab File: VX006011.D  
 Acq: 15 Nov 2018 08:32

Tgt Ion: 117 Resp: 175714

Ion	Ratio	Lower	Upper
117	100		
82	56.0	44.1	66.1
119	32.2	26.2	39.2

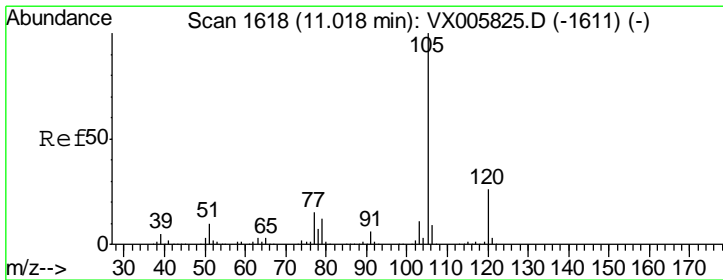
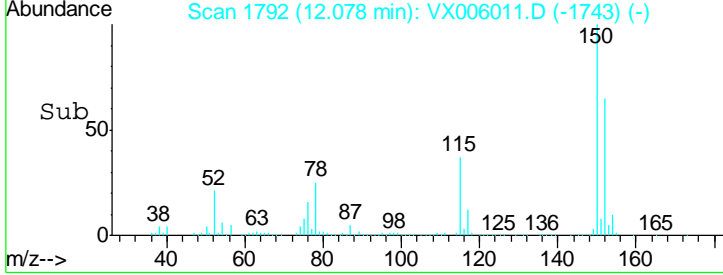
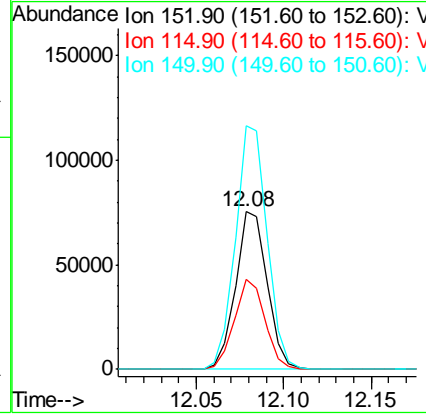
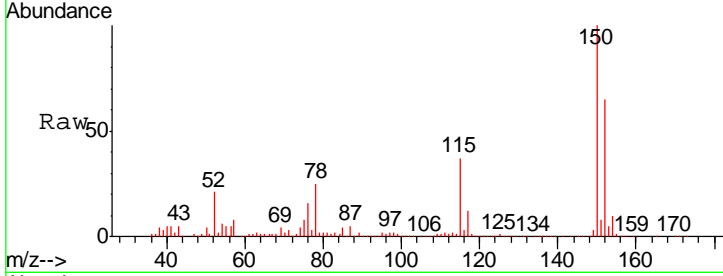




#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.00 ug/l  
 RT: 12.08 min Scan# 1792  
 Delta R.T. -0.00 min  
 Lab File: VX006011.D  
 Acq: 15 Nov 2018 08:32

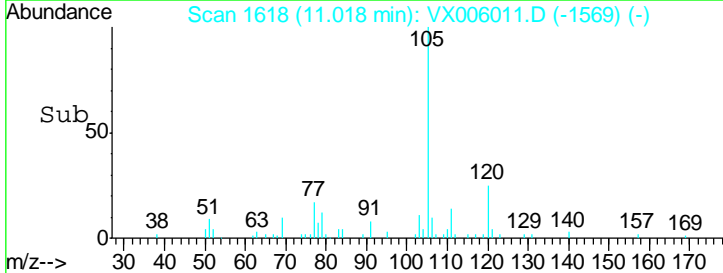
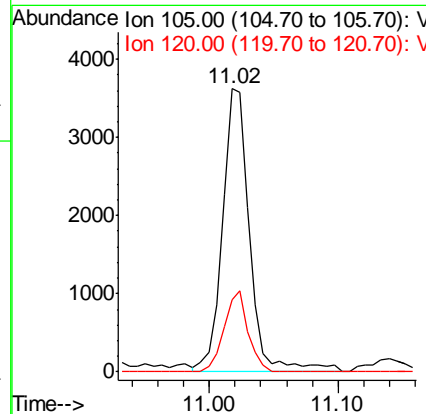
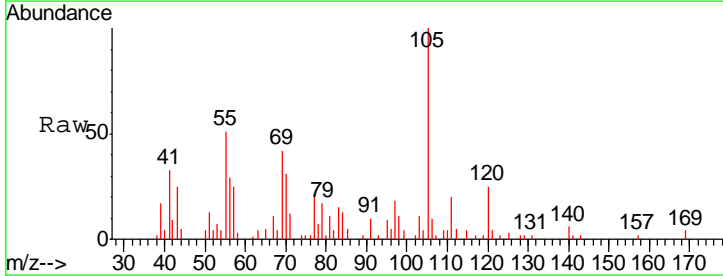
Instrument : MSVOA\_X  
 ClientSampled : FDSB-11(11-13)

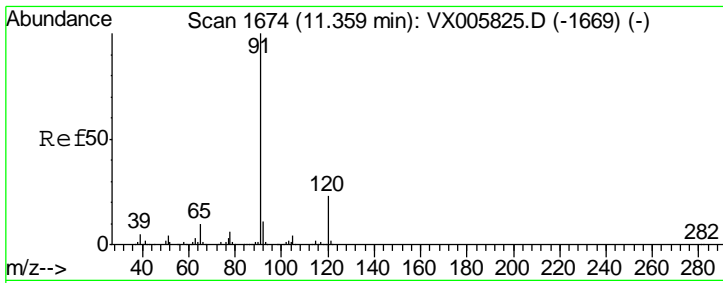
Tgt Ion	Resp	Lower	Upper
152	94185		
115	55.9	39.4	118.1
150	156.2	0.0	346.4



#73  
 Isopropylbenzene  
 Concen: 0.99 ug/l  
 RT: 11.02 min Scan# 1618  
 Delta R.T. -0.00 min  
 Lab File: VX006011.D  
 Acq: 15 Nov 2018 08:32

Tgt Ion	Resp	Lower	Upper
105	5387		
120	25.1	13.1	39.3

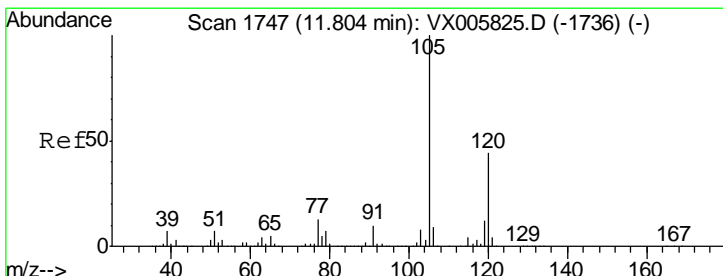
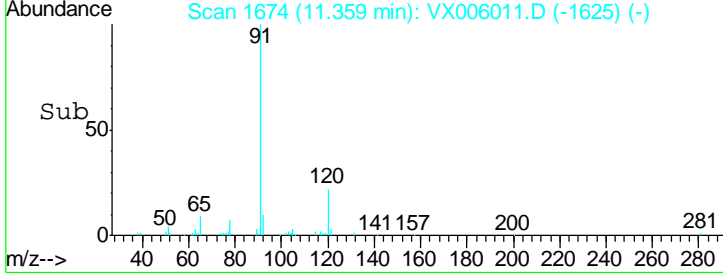
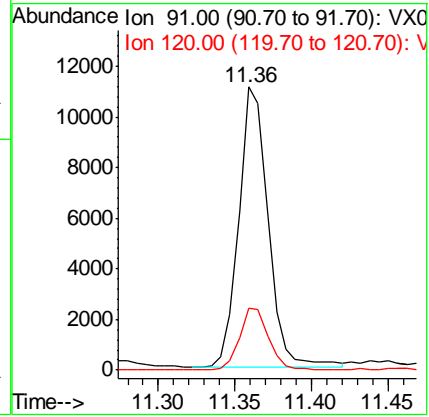
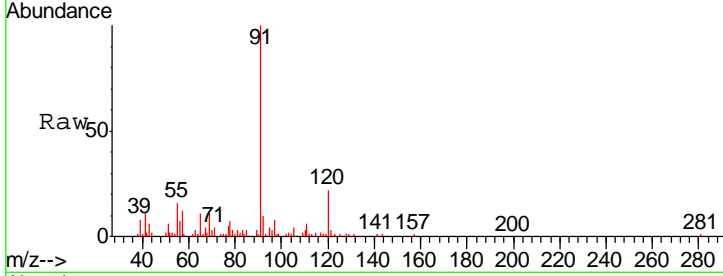




#78  
 n-propylbenzene  
 Concen: 2.29 ug/l  
 RT: 11.36 min Scan# 1674  
 Delta R.T. -0.00 min  
 Lab File: VX006011.D  
 Acq: 15 Nov 2018 08:32

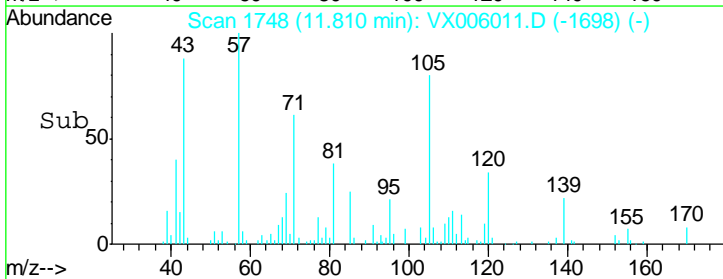
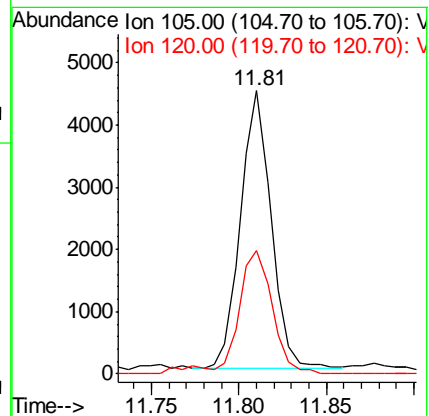
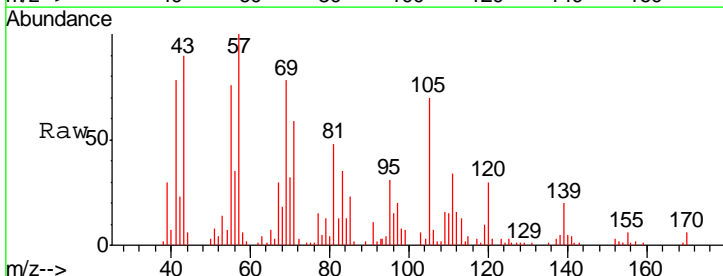
Instrument : MSVOA\_X  
 ClientSampled : FDSB-11(11-13)

Tgt Ion	Resp	Lower	Upper
91	14725		
120	21.9	11.9	35.5

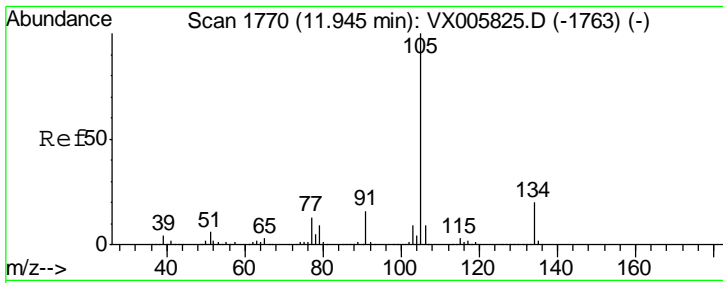


#84  
 1,2,4-Trimethylbenzene  
 Concen: 0.94 ug/l  
 RT: 11.81 min Scan# 1748  
 Delta R.T. 0.01 min  
 Lab File: VX006011.D  
 Acq: 15 Nov 2018 08:32

Tgt Ion	Resp	Lower	Upper
105	5402		
120	47.3	22.4	67.0



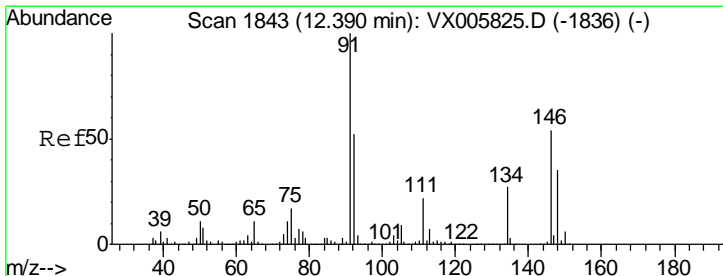
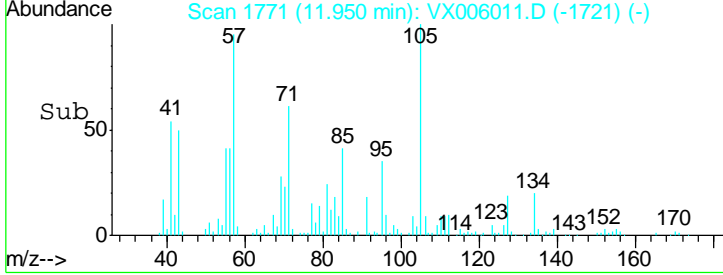
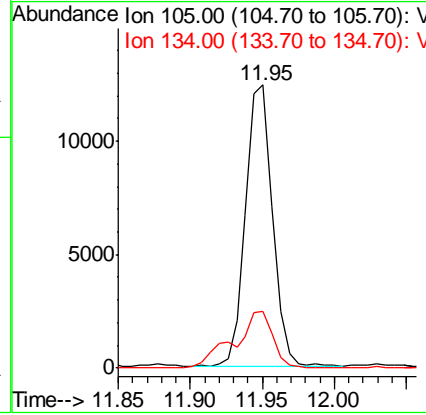
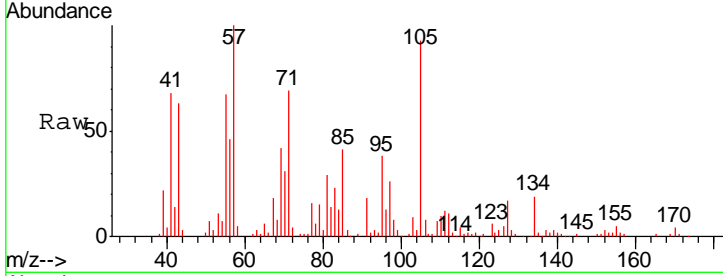




#85  
 sec-Butylbenzene  
 Concen: 2.83 ug/l  
 RT: 11.95 min Scan# 1771  
 Delta R.T. 0.01 min  
 Lab File: VX006011.D  
 Acq: 15 Nov 2018 08:32

Instrument : MSVOA\_X  
 ClientSampled : FDSB-11(11-13)

Tgt Ion	Resp	Lower	Upper
105	16207		
134	28.6	10.2	30.4



#89  
 n-Butylbenzene  
 Concen: 4.19 ug/l  
 RT: 12.39 min Scan# 1843  
 Delta R.T. -0.00 min  
 Lab File: VX006011.D  
 Acq: 15 Nov 2018 08:32

Tgt Ion	Resp	Lower	Upper
91	19681		
92	46.6	26.1	78.2
134	37.7	13.1	39.3

