

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW091418\
 Data File : VW005357.D
 Acq On : 13 Sep 2018 17:55
 Operator : SY/AP
 Sample : VIBLK81
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VIBLK81

Quant Time: Sep 14 06:00:18 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091318S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 14 05:03:07 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	328557	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.64	117	325015	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	160525	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	92294	24.34	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.36%
7) Chloroethane-d5	2.89	69	71469	26.66	ug/L	0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	106.64%
10) 1,1-Dichloroethene-d2	4.02	63	126171	18.63	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	74.52%
20) 2-Butanone-d5	7.09	46	58015	40.62	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	81.24%
24) Chloroform-d	7.65	84	166589	27.19	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	108.76%
26) 1,2-Dichloroethane-d4	8.31	65	106726	27.23	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	108.92%
29) Benzene-d6	8.28	84	343211	26.30	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	105.20%
33) 1,2-Dichloropropane-d6	9.28	67	101348	27.21	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	108.84%
37) Toluene-d8	10.33	98	348948	26.40	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	105.60%
38) trans-1,3-Dichloropropene-	10.58	79	47583	25.53	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	102.12%
39) 2-Hexanone-d5	10.93	63	46833	40.38	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	80.76%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	89763	23.04	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	92.16%
61) 1,2-Dichlorobenzene-d4	13.86	152	135676	28.16	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	112.64%

Target Compounds

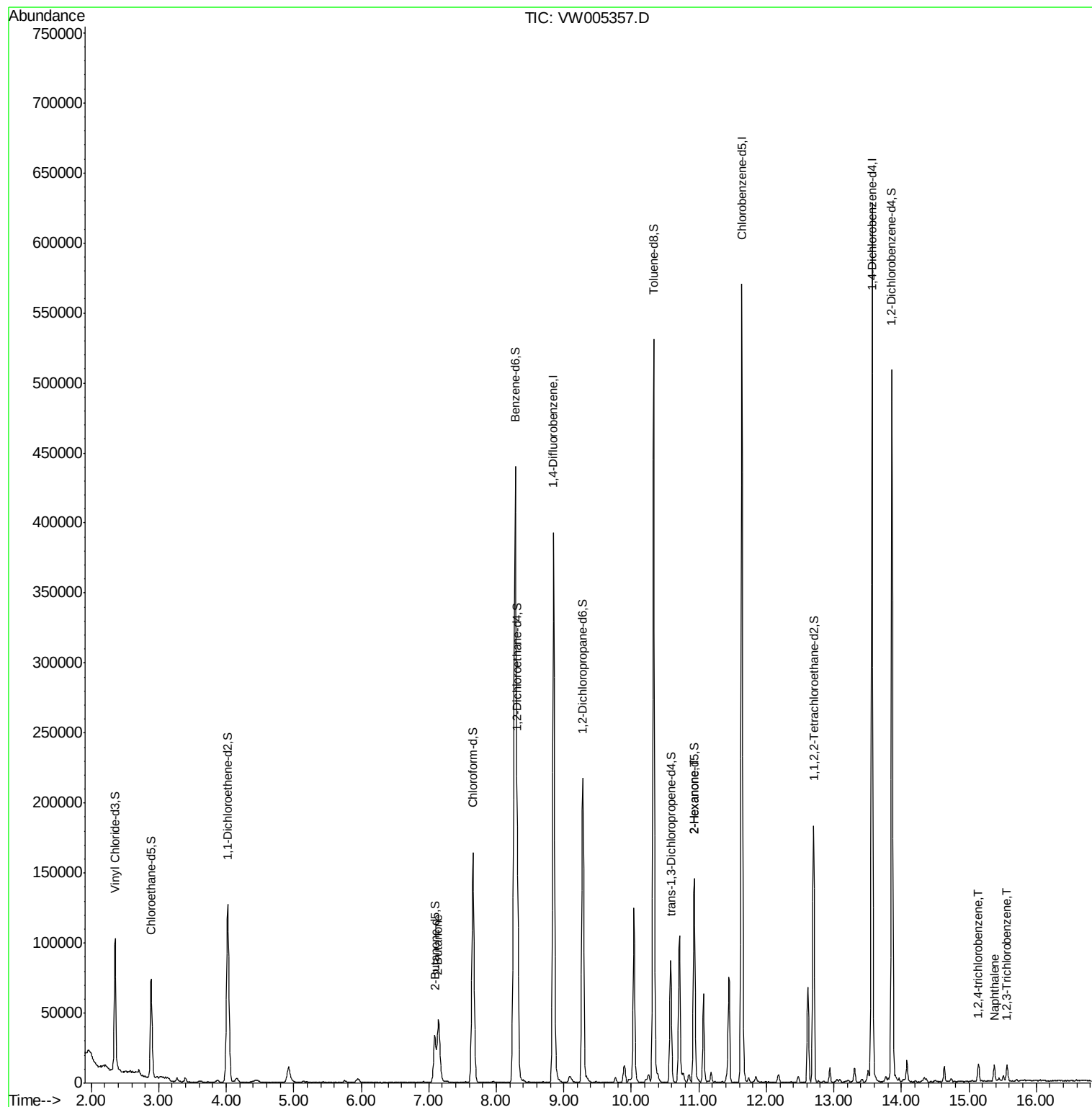
					Qvalue
21) 2-Butanone	7.14	43	1779	0.866 ug/L	88
49) 2-Hexanone	10.93	43	6562	2.089 ug/L #	64
68) 1,2,4-trichlorobenzene	15.14	180	3815	0.571 ug/L	98
69) Naphthalene	15.38	128	9833	0.672 ug/L	99
70) 1,2,3-Trichlorobenzene	15.57	180	4117	0.656 ug/L	93

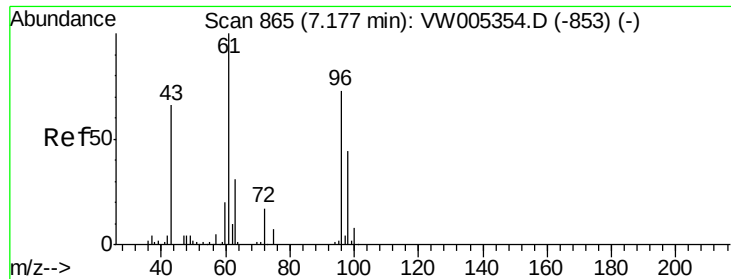
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Sep 14 05:03:07 2018
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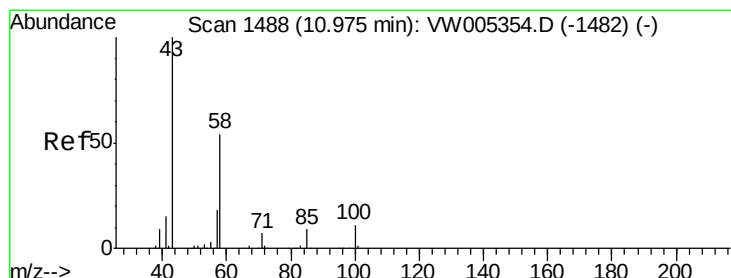
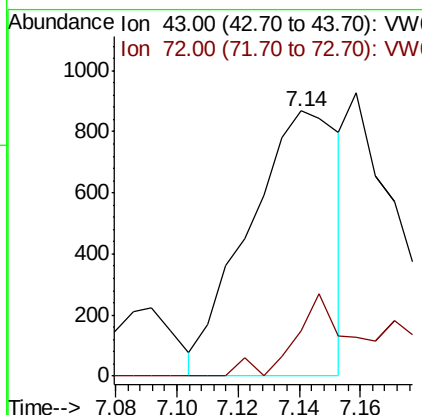
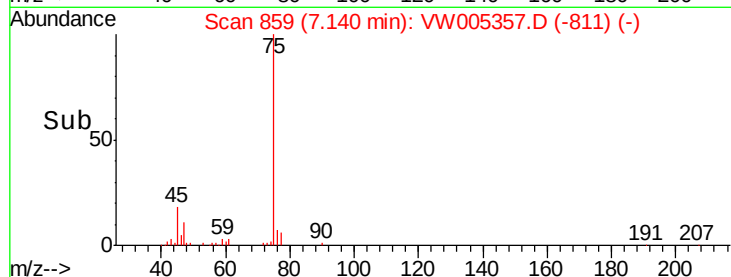
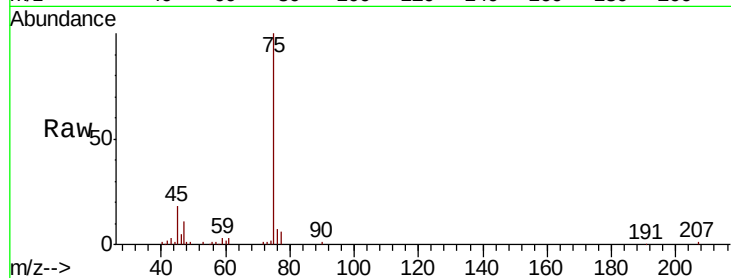




#21
2-Butanone
Concen: 0.866 ug/L
RT: 7.14 min Scan# 859
Delta R.T. -0.04 min
Lab File: VW005357.D
Acq: 13 Sep 2018 17:55

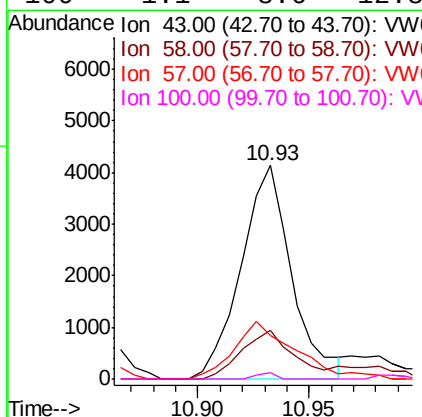
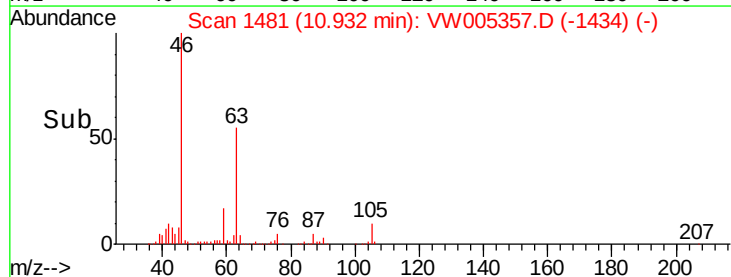
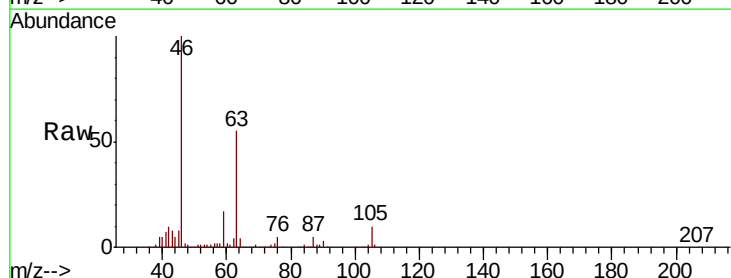
Instrument :
MSVOA_W
ClientSampleId :
VIBLK81

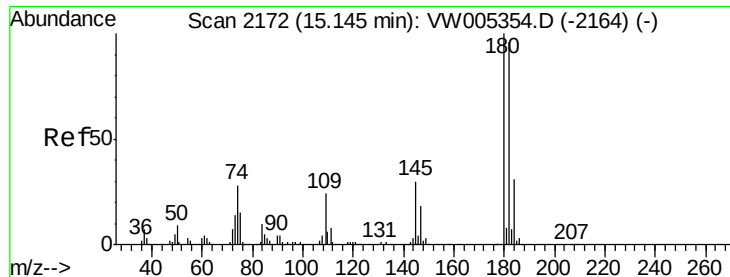
Tgt Ion: 43 Resp: 1779
Ion Ratio Lower Upper
43 100
72 17.6 11.8 35.4



#49
2-Hexanone
Concen: 2.089 ug/L
RT: 10.93 min Scan# 1481
Delta R.T. -0.04 min
Lab File: VW005357.D
Acq: 13 Sep 2018 17:55

Tgt Ion: 43 Resp: 6562
Ion Ratio Lower Upper
43 100
58 23.2 41.6 62.4#
57 30.7 15.0 22.6#
100 1.1 8.6 12.8#

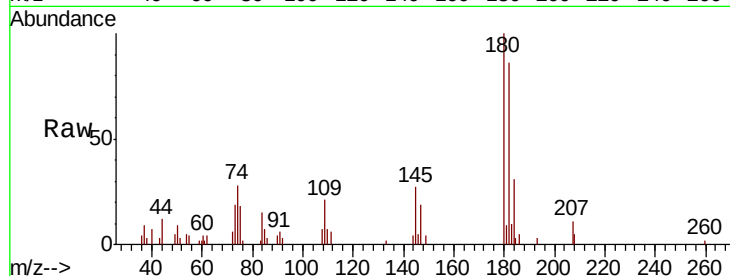




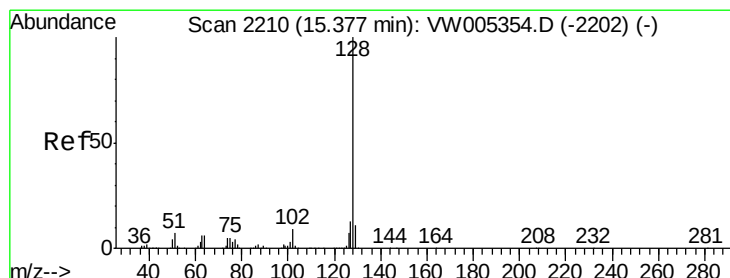
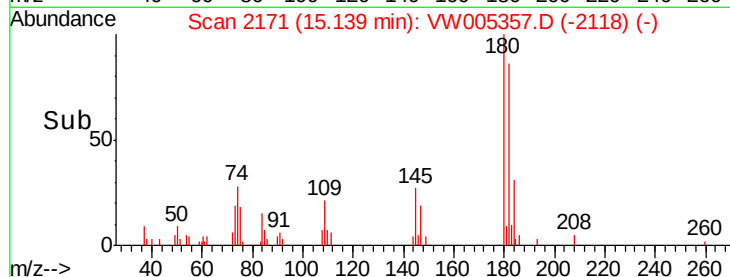
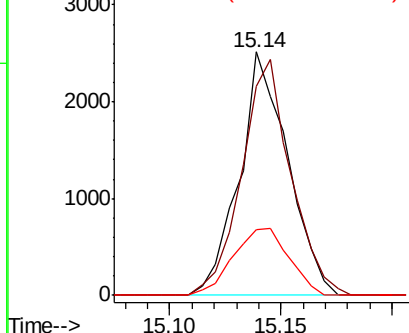
#68
 1,2,4-trichlorobenzene
 Concen: 0.571 ug/L
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.01 min
 Lab File: VW005357.D
 Acq: 13 Sep 2018 17:55

Instrument :
 MSVOA_W
 ClientSampleId :
 VIBLK81

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.4	76.6	115.0
145	31.3	24.2	36.4

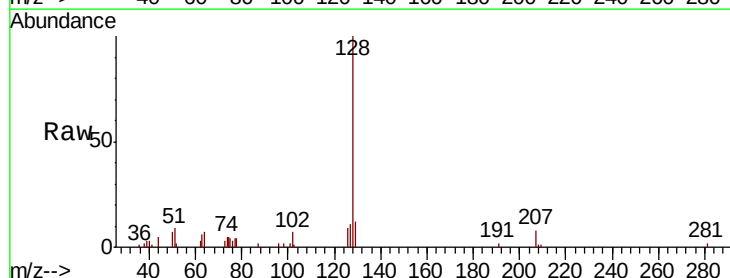


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V

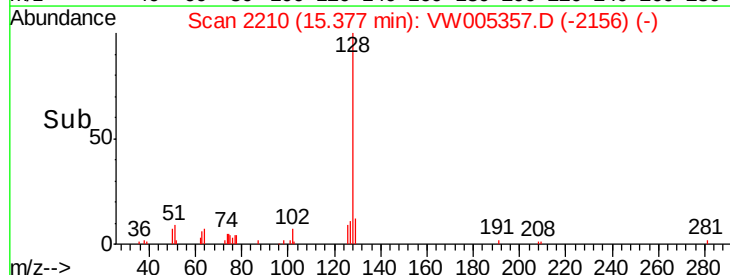
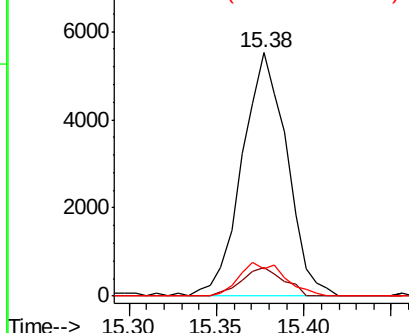


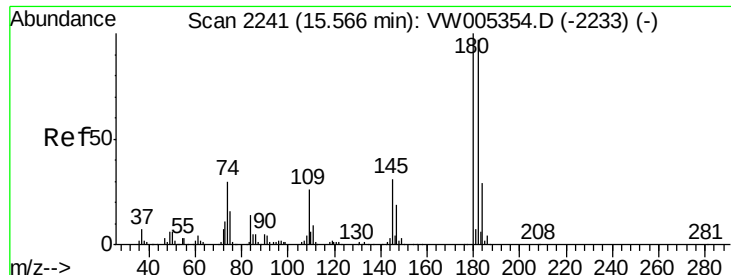
#69
 Naphthalene
 Concen: 0.672 ug/L
 RT: 15.38 min Scan# 2210
 Delta R.T. 0.00 min
 Lab File: VW005357.D
 Acq: 13 Sep 2018 17:55

Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.8	13.2
127	14.0	10.9	16.3



Abundance Ion 128.00 (127.70 to 128.70): V
 Ion 129.00 (128.70 to 129.70): V
 Ion 127.00 (126.70 to 127.70): V

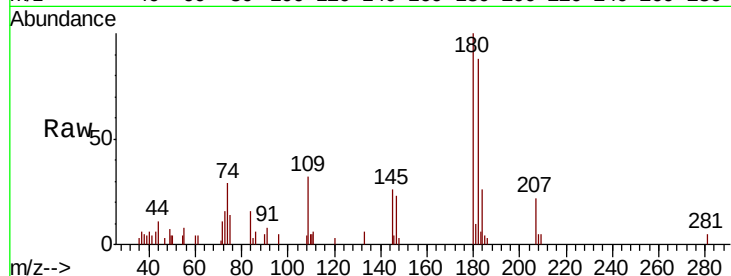




#70
 1,2,3-Trichlorobenzene
 Concen: 0.656 ug/L
 RT: 15.57 min Scan# 2241
 Delta R.T. 0.00 min
 Lab File: VW005357.D
 Acq: 13 Sep 2018 17:55

Instrument :
 MSVOA_W
 ClientSampleId :
 VIBLK81

Tgt Ion:	180	Resp:	4117
Ion	Ratio	Lower	Upper
180	100		
182	88.1	76.9	115.3
145	33.9	26.0	39.0



Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V

