

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU080718\
 Data File : VU025948.D
 Acq On : 07 Aug 2018 18:34
 Operator : MD/SY
 Sample : VIBLK42
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VIBLK42

Quant Time: Aug 08 05:19:29 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080718WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 07 12:44:32 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	328039	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	298736	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	128955	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	87109	47.92	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	95.84%
7) Chloroethane-d5	1.68	69	69858	51.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	102.48%
11) 1,1-Dichloroethene-d2	2.27	63	126024	35.80	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.60%
21) 2-Butanone-d5	4.18	46	141265	112.94	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	112.94%
24) Chloroform-d	4.65	84	179805	51.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.20%
26) 1,2-Dichloroethane-d4	5.31	65	125850	54.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.36%
32) Benzene-d6	5.35	84	357264	54.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.50%
36) 1,2-Dichloropropane-d6	6.34	67	113485	55.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	110.86%
41) Toluene-d8	7.57	98	326363	51.08	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.16%
43) trans-1,3-Dichloropropene-	7.85	79	55207	51.43	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	102.86%
47) 2-Hexanone-d5	8.31	63	92470	108.54	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	108.54%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	153309	54.06	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	108.12%
64) 1,2-Dichlorobenzene-d4	11.86	152	124250	58.32	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	116.64%

Target Compounds

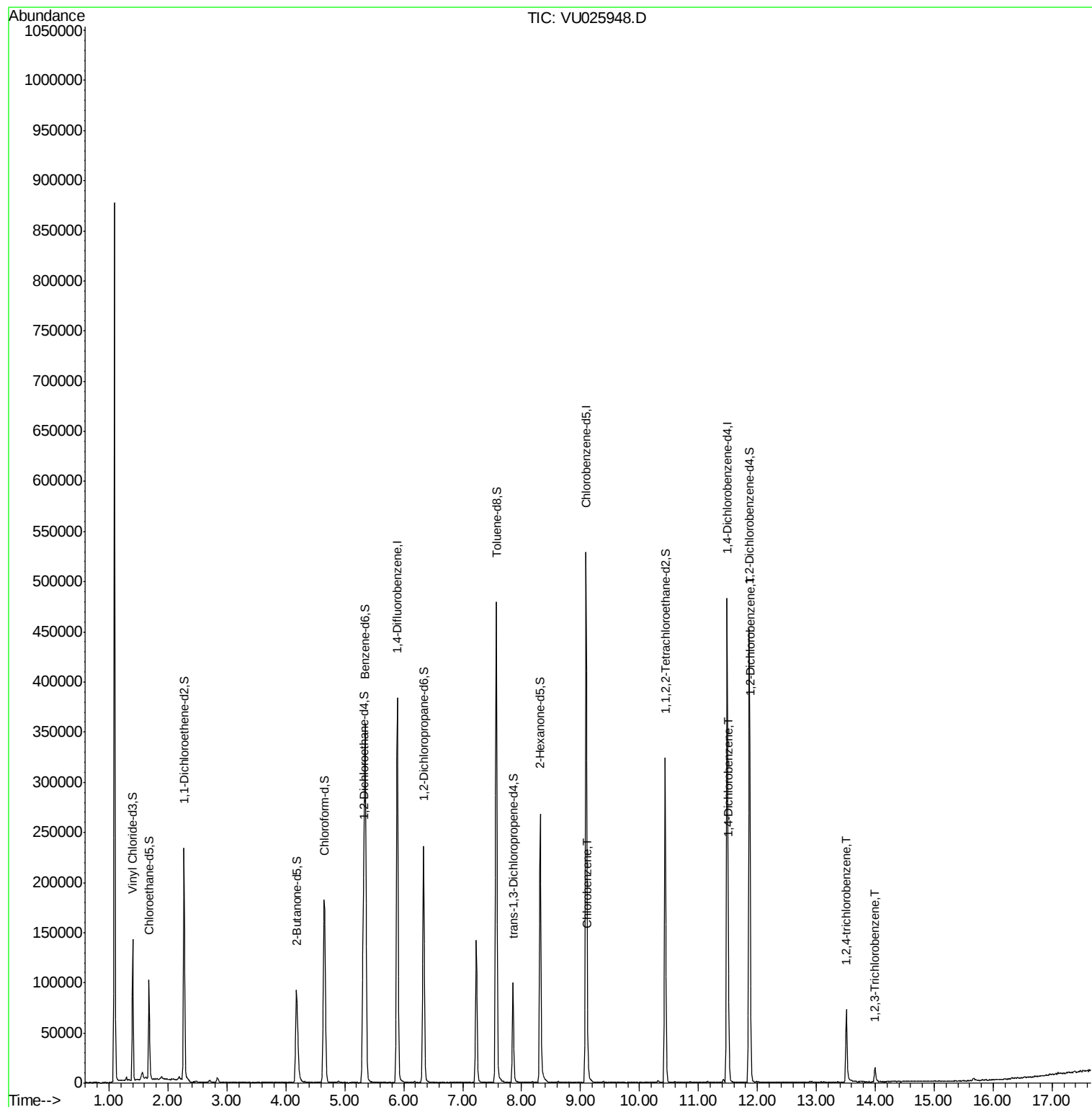
						Ovalue
51) Chlorobenzene	9.12	112	8062	1.38	ug/L	96
63) 1,4-Dichlorobenzene	11.51	146	16048	4.08	ug/L	97
65) 1,2-Dichlorobenzene	11.88	146	11705	3.03	ug/L #	93
68) 1,2,4-trichlorobenzene	13.51	180	24950	10.11	ug/L	94
70) 1,2,3-Trichlorobenzene	13.99	180	6573	2.60	ug/L	97

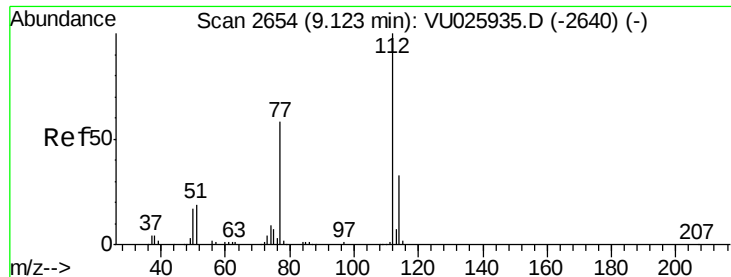
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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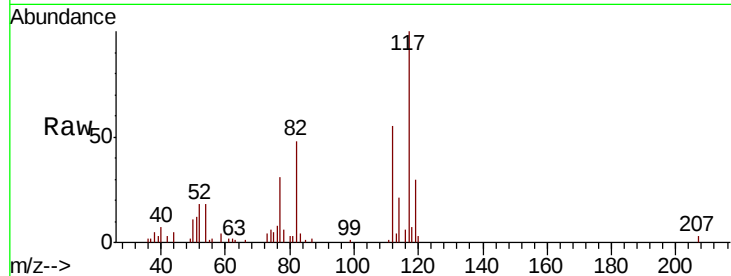




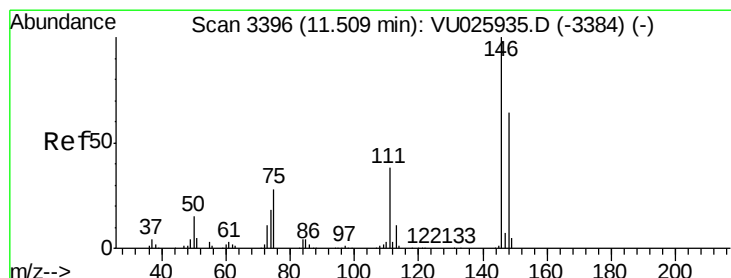
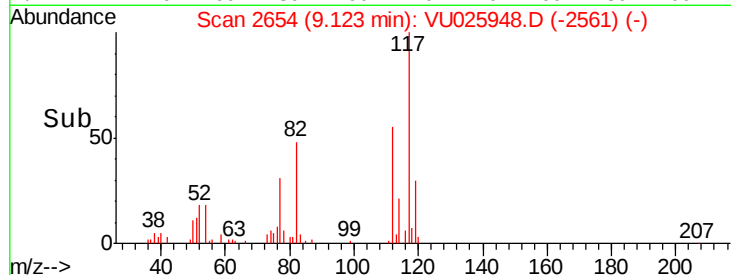
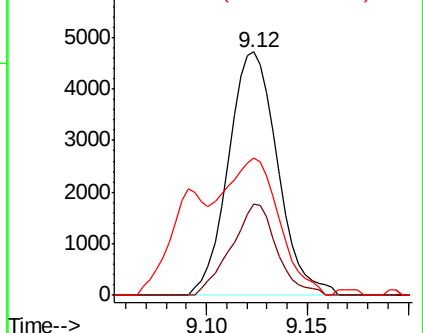
#51
Chlorobenzene
Concen: 1.38 ug/L
RT: 9.12 min Scan# 2654
Delta R.T. -0.00 min
Lab File: VU025948.D
Acq: 07 Aug 2018 18:34

Instrument :
MSVOA_U
ClientSampleId :
VIBLK42

Tot Ion	Ratio	Lower	Upper
112	100		
114	37.4	22.5	41.9
77	56.6	45.8	68.8

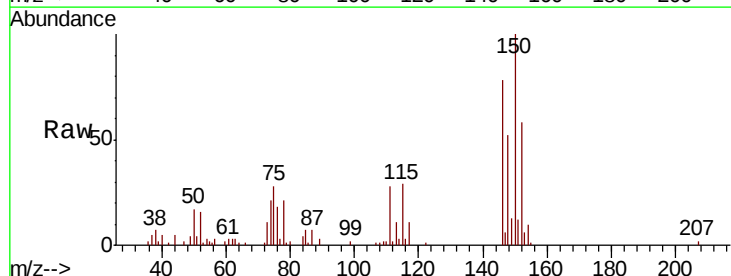


Abundance Ion 112.00 (111.70 to 112.70): V
Ion 114.00 (113.70 to 114.70): V
Ion 77.00 (76.70 to 77.70): V

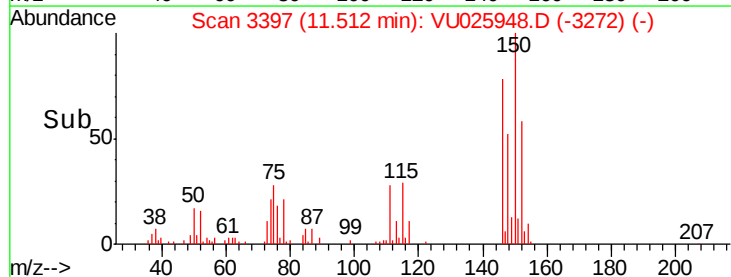
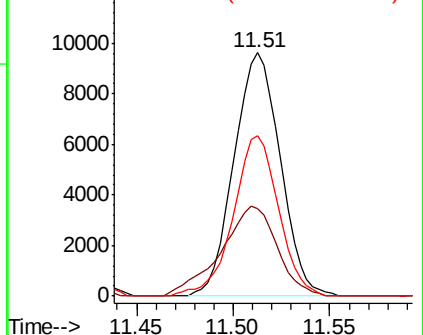


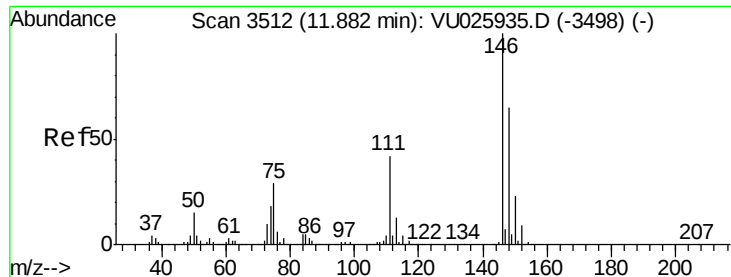
#63
1,4-Dichlorobenzene
Concen: 4.08 ug/L
RT: 11.51 min Scan# 3397
Delta R.T. 0.00 min
Lab File: VU025948.D
Acq: 07 Aug 2018 18:34

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.1	26.9	49.9
148	66.1	44.6	82.8



Abundance Ion 146.00 (145.70 to 146.70): V
Ion 111.00 (110.70 to 111.70): V
Ion 148.00 (147.70 to 148.70): V





#65

1,2-Dichlorobenzene

Concen: 3.03 ug/L

RT: 11.88 min Scan# 3512

Delta R.T. -0.00 min

Lab File: VU025948.D

Acq: 07 Aug 2018 18:34

Instrument :

MSVOA_U

ClientSampleId :

VIBLK42

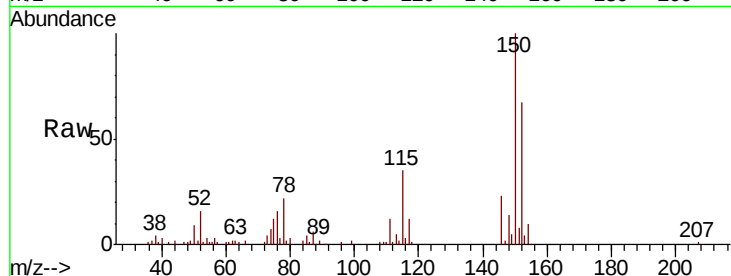
Tot Ion:146 Resp: 11705

Ion Ratio Lower Upper

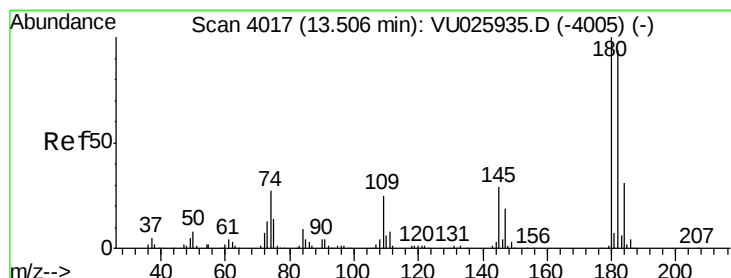
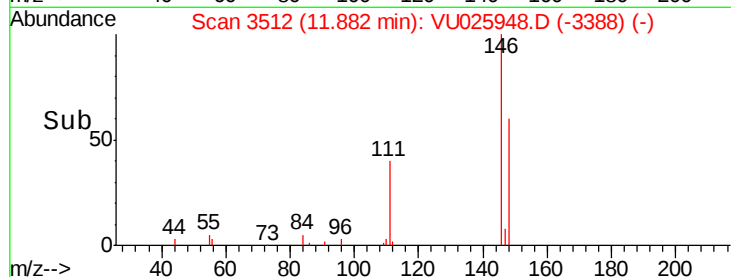
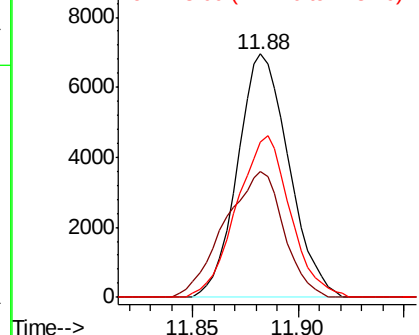
146 100

111 51.7 32.4 48.6#

148 63.8 50.7 76.1



Abundance Ion 146.00 (145.70 to 146.70): V
Ion 111.00 (110.70 to 111.70): V
Ion 148.00 (147.70 to 148.70): V



#68

1,2,4-trichlorobenzene

Concen: 10.11 ug/L

RT: 13.51 min Scan# 4018

Delta R.T. 0.00 min

Lab File: VU025948.D

Acq: 07 Aug 2018 18:34

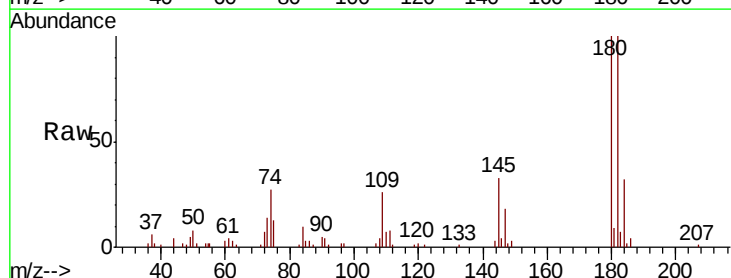
Tgt Ion:180 Resp: 24950

Ion Ratio Lower Upper

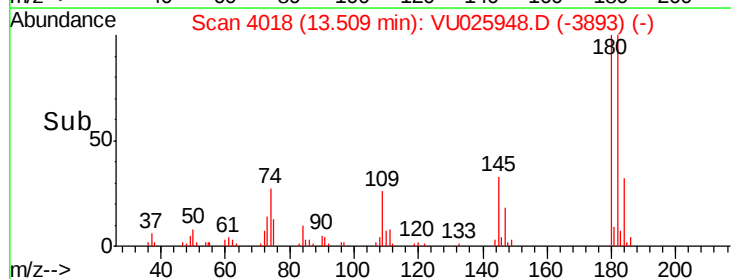
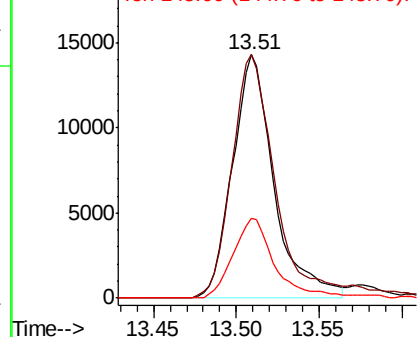
180 100

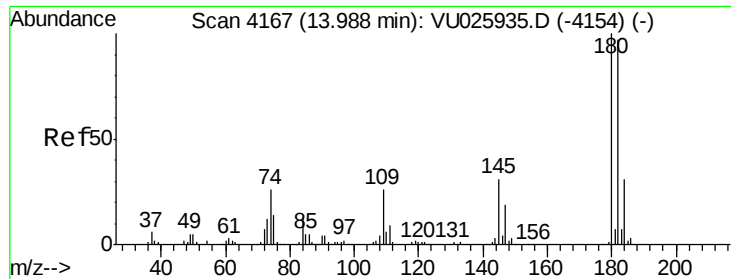
182 103.1 78.1 117.1

145 32.6 23.4 35.2



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

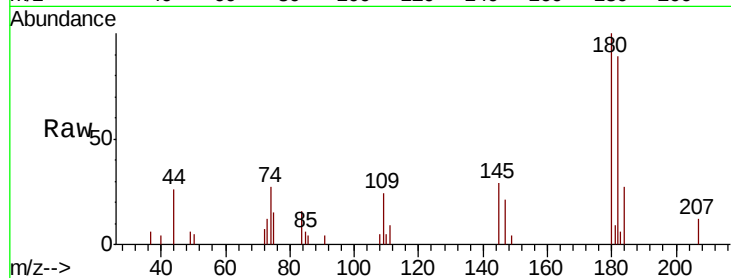




#70
 1,2,3-Trichlorobenzene
 Concen: 2.60 ug/L
 RT: 13.99 min Scan# 4168
 Delta R.T. 0.00 min
 Lab File: VU025948.D
 Acq: 07 Aug 2018 18:34

Instrument :
 MSVOA_U
 ClientSampleId :
 VIBLK42

Tot Ion:180 Resp: 6573
 Ion Ratio Lower Upper
 180 100
 182 96.8 76.6 114.8
 145 27.7 25.4 38.2



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

