

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU080718\
 Data File : VU025967.D
 Acq On : 08 Aug 2018 03:22
 Operator : MD/SY
 Sample : VIBLK44
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VIBLK44

Quant Time: Aug 08 07:19:40 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080718WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Aug 08 06:47:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	302845	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	277172	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	120762	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	84756	50.50	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	101.00%
7) Chloroethane-d5	1.68	69	66809	53.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	106.16%
11) 1,1-Dichloroethene-d2	2.27	63	120789	37.16	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.32%
21) 2-Butanone-d5	4.18	46	122440	106.03	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.03%
24) Chloroform-d	4.65	84	169352	52.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.26%
26) 1,2-Dichloroethane-d4	5.31	65	115716	53.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.92%
32) Benzene-d6	5.35	84	331729	54.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.58%
36) 1,2-Dichloropropane-d6	6.34	67	104351	54.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	109.88%
41) Toluene-d8	7.57	98	300710	50.73	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.46%
43) trans-1,3-Dichloropropene-	7.85	79	47532	47.72	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.44%
47) 2-Hexanone-d5	8.31	63	82236	104.03	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.03%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	138390	52.59	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	105.18%
64) 1,2-Dichlorobenzene-d4	11.87	152	114506	57.40	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	114.80%

Target Compounds

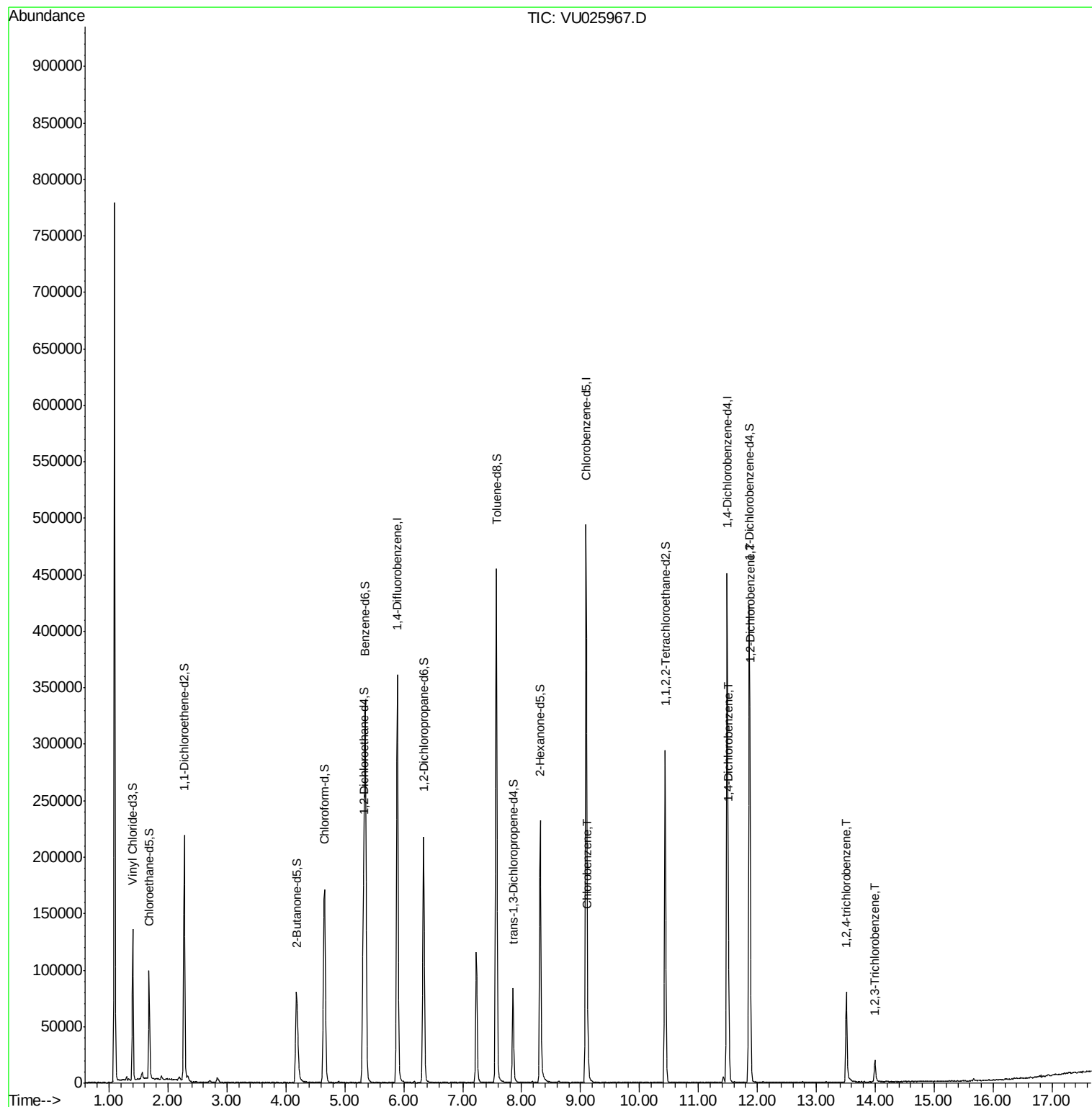
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
51) Chlorobenzene	9.12	112	17391	3.21	ug/L	98
63) 1,4-Dichlorobenzene	11.51	146	24944	6.78	ug/L	97
65) 1,2-Dichlorobenzene	11.88	146	19905	5.49	ug/L	99
68) 1,2,4-trichlorobenzene	13.51	180	28025	12.13	ug/L	99
70) 1,2,3-Trichlorobenzene	13.99	180	8014	3.39	ug/L	91

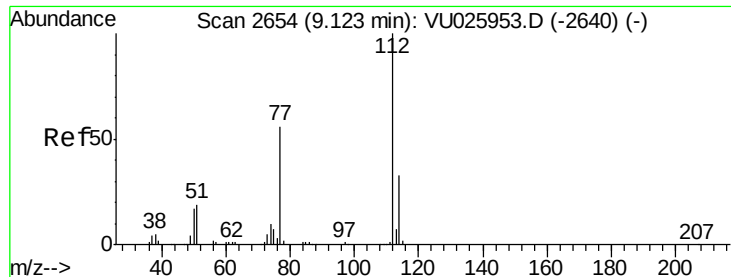
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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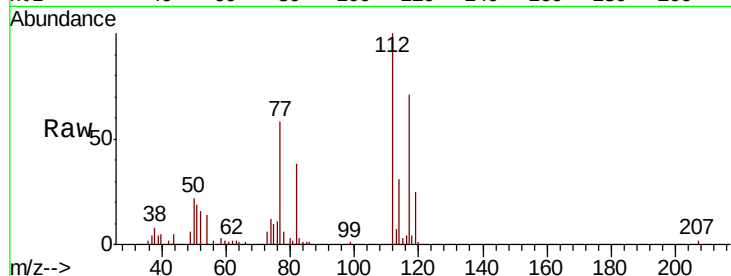




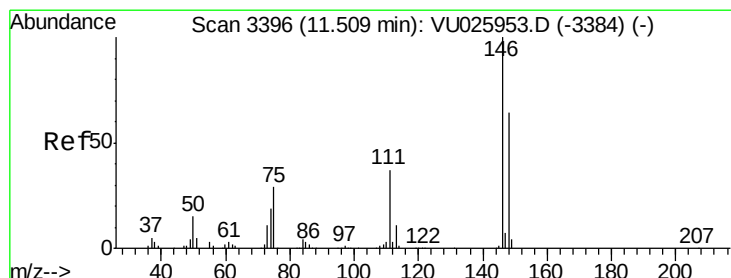
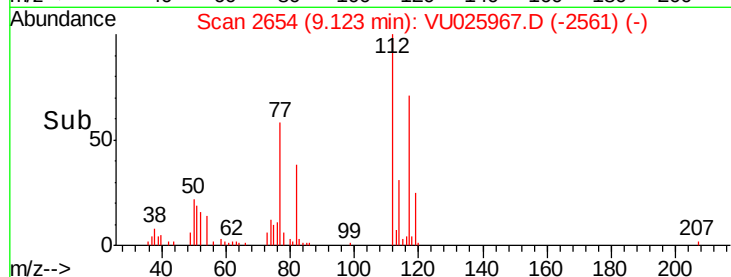
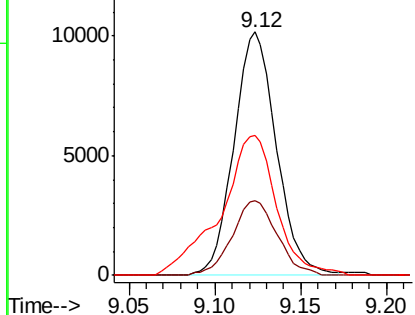
#51
Chlorobenzene
Concen: 3.21 ug/L
RT: 9.12 min Scan# 2654
Delta R.T. -0.00 min
Lab File: VU025967.D
Acq: 08 Aug 2018 03:22

Instrument :
MSVOA_U
ClientSampleId :
VIBLK44

Tot Ion	Ratio	Lower	Upper
112	100		
114	30.8	22.9	42.5
77	57.5	46.6	70.0

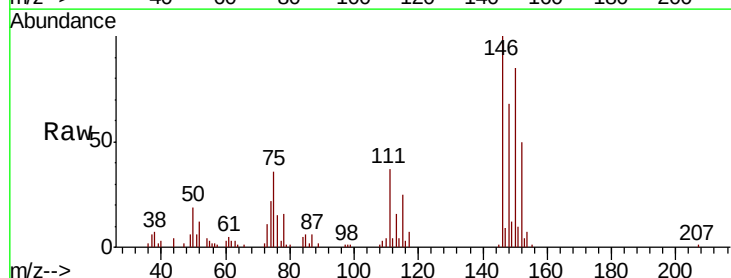


Abundance Ion 112.00 (111.70 to 112.70): V
Ion 114.00 (113.70 to 114.70): V
Ion 77.00 (76.70 to 77.70): V

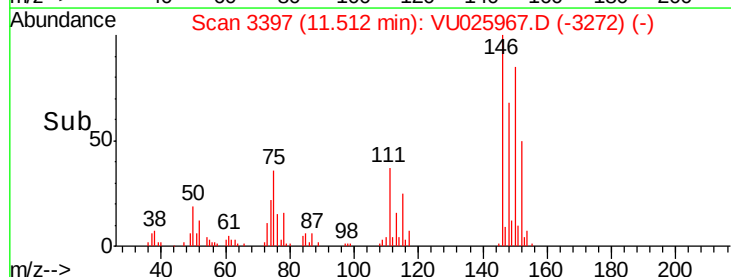
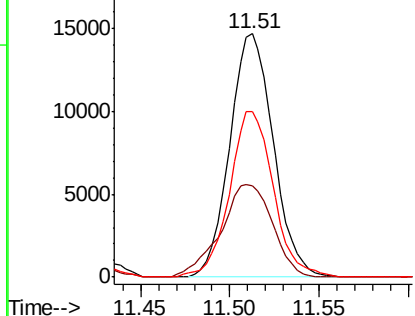


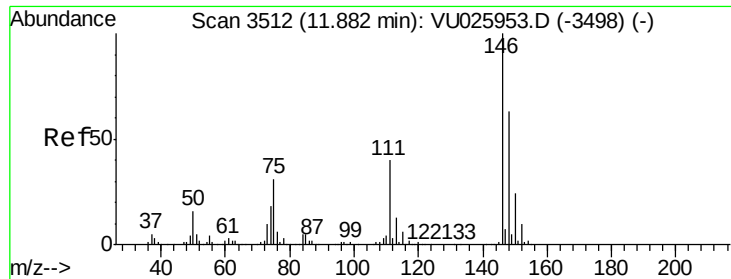
#63
1,4-Dichlorobenzene
Concen: 6.78 ug/L
RT: 11.51 min Scan# 3397
Delta R.T. 0.00 min
Lab File: VU025967.D
Acq: 08 Aug 2018 03:22

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.3	26.7	49.7
148	68.0	45.2	84.0



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: 5.49 ug/L

RT: 11.88 min Scan# 3512

Delta R.T. -0.00 min

Lab File: VU025967.D

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Instrument :

MSVOA_U

ClientSampleId :

VIBLK44

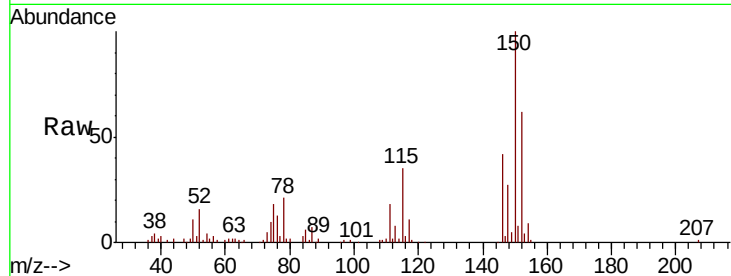
Tot Ion:146 Resp: 19905

Ion Ratio Lower Upper

146 100

111 42.4 33.4 50.0

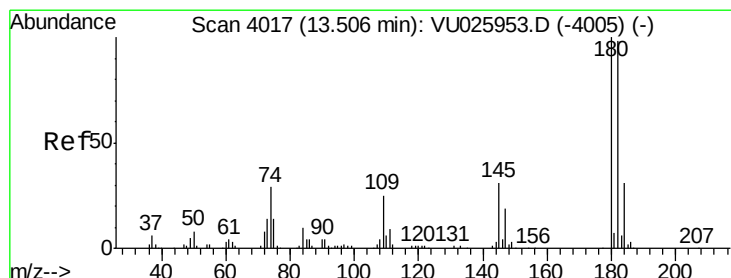
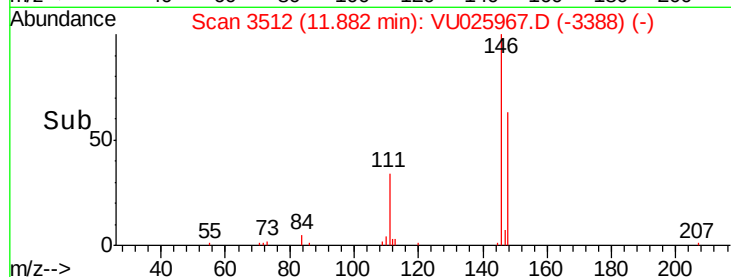
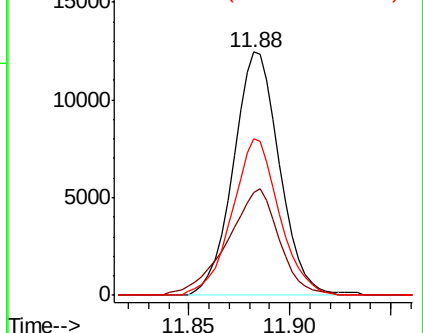
148 64.5 51.8 77.8



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



#68

1,2,4-trichlorobenzene

Concen: 12.13 ug/L

RT: 13.51 min Scan# 4018

Delta R.T. 0.00 min

Lab File: VU025967.D

Acq: 08 Aug 2018 03:22

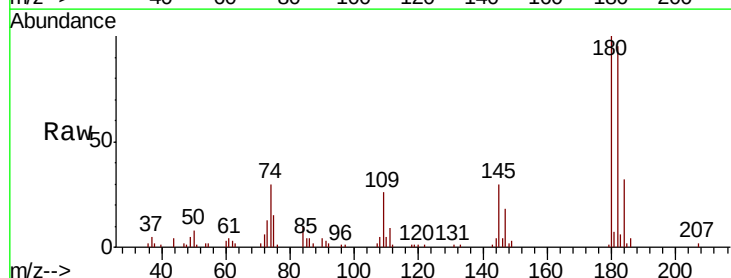
Tgt Ion:180 Resp: 28025

Ion Ratio Lower Upper

180 100

182 92.6 75.3 112.9

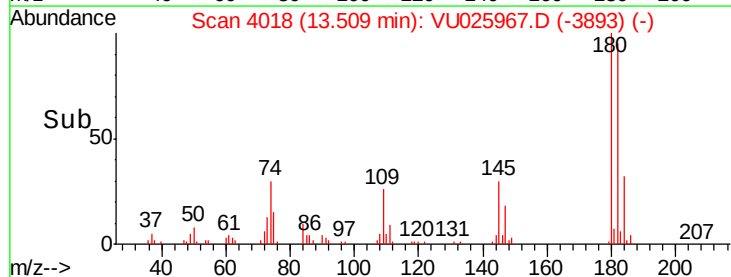
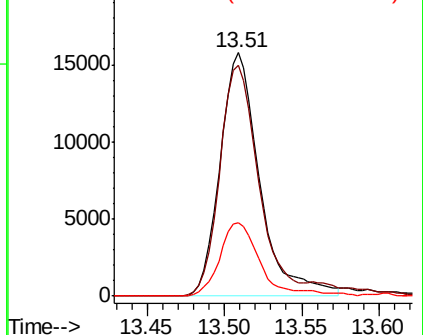
145 29.4 23.1 34.7

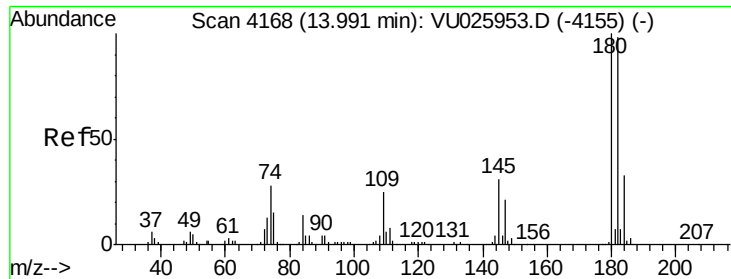


Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

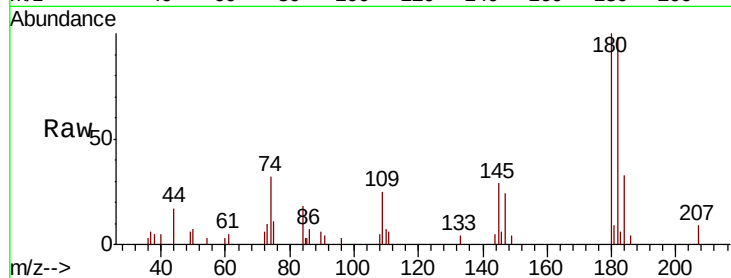




#70
 1,2,3-Trichlorobenzene
 Concen: 3.39 ug/L
 RT: 13.99 min Scan# 4169
 Delta R.T. 0.01 min
 Lab File: VU025967.D
 Acq: 08 Aug 2018 03:22

Instrument :
 MSVOA_U
 ClientSampleId :
 VIBLK44

Tot Ion	Ratio	Lower	Upper
180	100		
182	87.8	77.6	116.4
145	27.9	25.3	37.9



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

