

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU080718\
 Data File : VU025947.D
 Acq On : 07 Aug 2018 18:10
 Operator : MD/SY
 Sample : VIBLK41
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VIBLK41

Quant Time: Aug 08 05:16:44 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	348709	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	314601	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	135070	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	97647	50.53	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	101.06%
7) Chloroethane-d5	1.68	69	75082	51.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	103.62%
11) 1,1-Dichloroethene-d2	2.27	63	141238	37.74	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.48%
21) 2-Butanone-d5	4.18	46	143181	107.69	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	107.69%
24) Chloroform-d	4.65	84	188378	50.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.72%
26) 1,2-Dichloroethane-d4	5.31	65	130590	52.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.78%
32) Benzene-d6	5.35	84	380918	54.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	109.86%
36) 1,2-Dichloropropane-d6	6.34	67	119933	55.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	111.26%
41) Toluene-d8	7.57	98	351550	52.25	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.50%
43) trans-1,3-Dichloropropene-	7.85	79	57917	51.23	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	102.46%
47) 2-Hexanone-d5	8.31	63	99755	111.18	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	111.18%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	158792	53.17	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	106.34%
64) 1,2-Dichlorobenzene-d4	11.86	152	127819	57.28	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	114.56%

Target Compounds

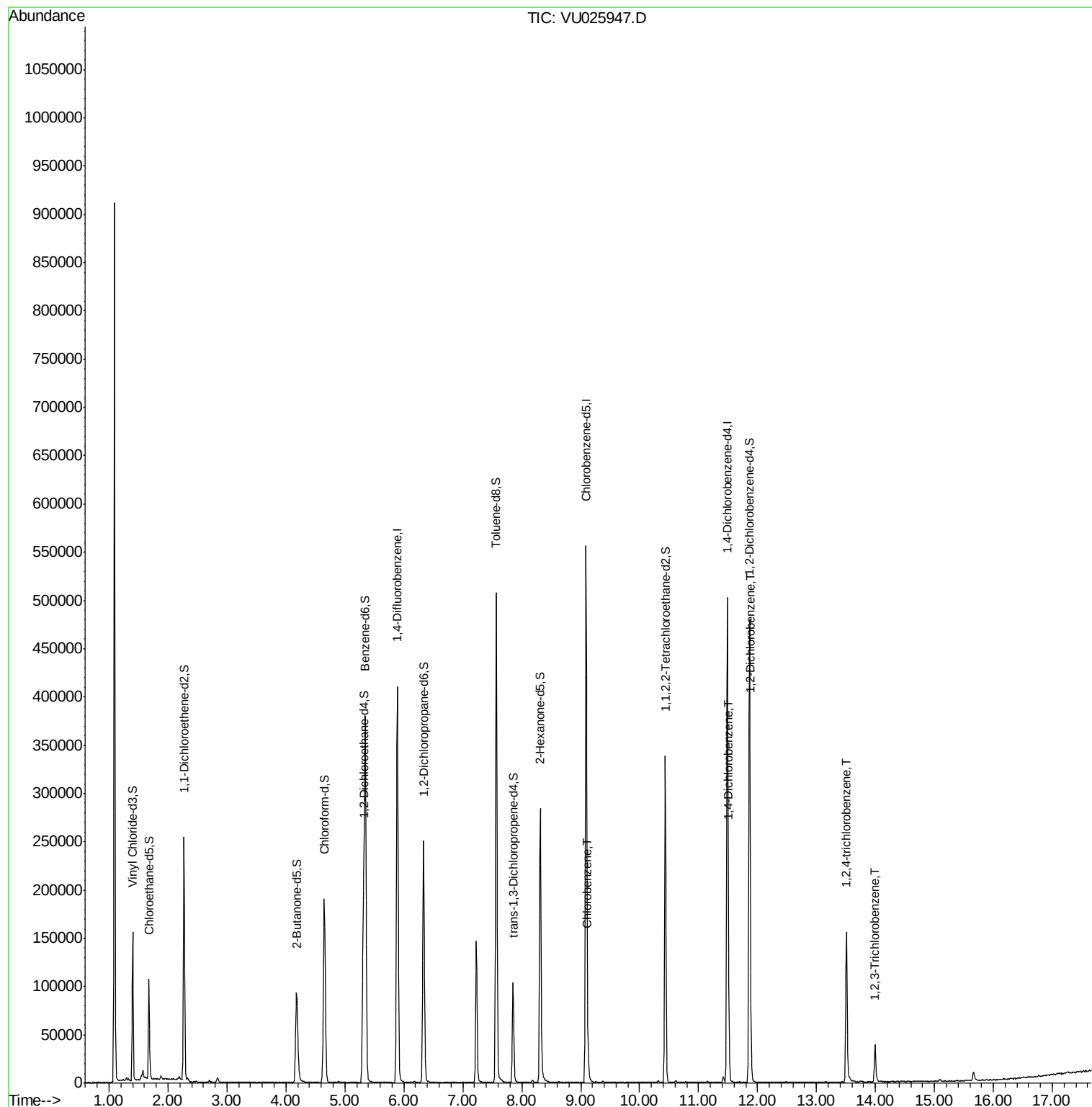
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
51) Chlorobenzene	9.12	112	13045	2.12	ug/L	98
63) 1,4-Dichlorobenzene	11.51	146	26149	6.35	ug/L	95
65) 1,2-Dichlorobenzene	11.88	146	20909	5.16	ug/L	95
68) 1,2,4-trichlorobenzene	13.51	180	54182	20.97	ug/L	98
70) 1,2,3-Trichlorobenzene	13.99	180	15071	5.69	ug/L	98

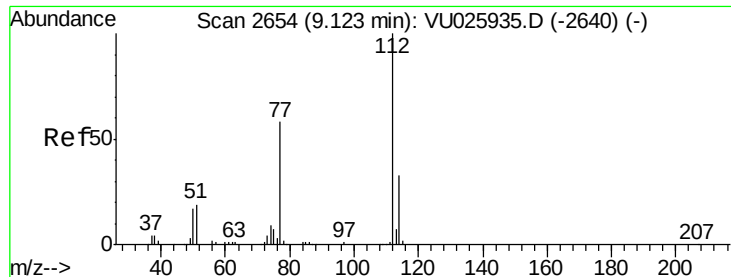
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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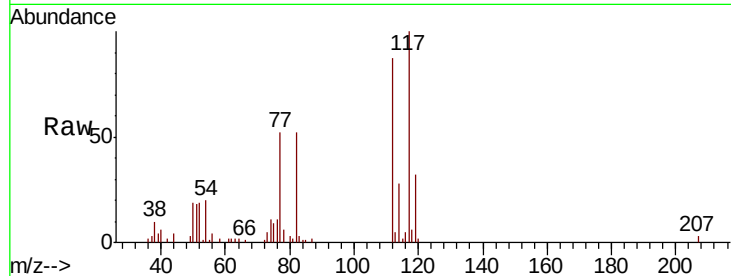




#51
Chlorobenzene
Concen: 2.12 ug/L
RT: 9.12 min Scan# 2654
Delta R.T. 0.00 min
Lab File: VU025947.D
Acq: 07 Aug 2018 18:10

Instrument :
MSVOA_U
ClientSampleId :
VIBLK41

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.6	22.5	41.9
77	59.7	45.8	68.8

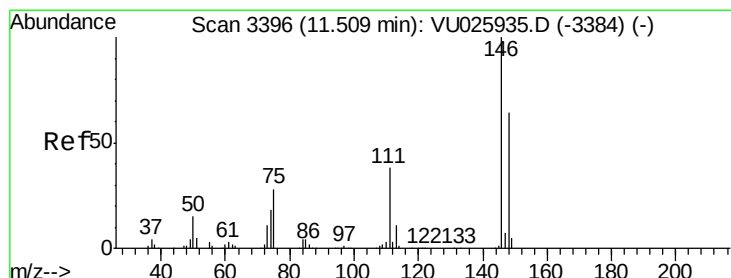
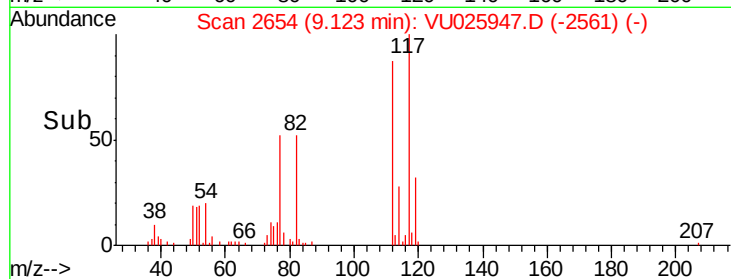
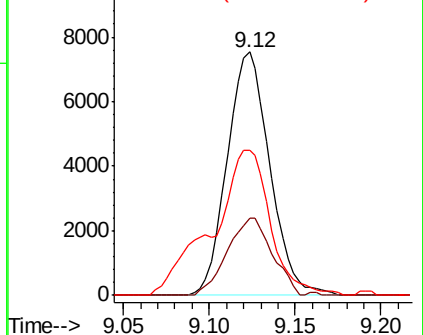


Abundance

Ion 112.00 (111.70 to 112.70): V

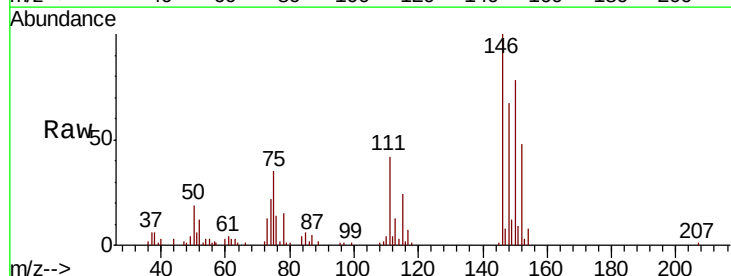
Ion 114.00 (113.70 to 114.70): V

Ion 77.00 (76.70 to 77.70): VU0



#63
1,4-Dichlorobenzene
Concen: 6.35 ug/L
RT: 11.51 min Scan# 3397
Delta R.T. 0.00 min
Lab File: VU025947.D
Acq: 07 Aug 2018 18:10

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.1	26.9	49.9
148	66.5	44.6	82.8

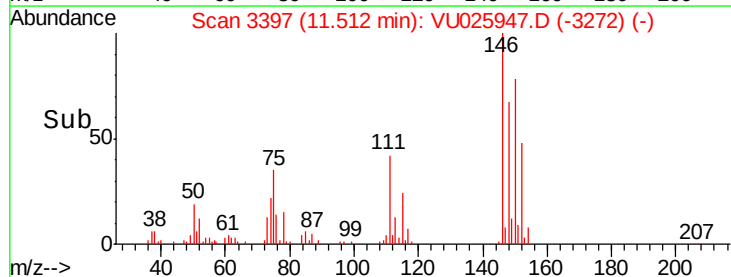
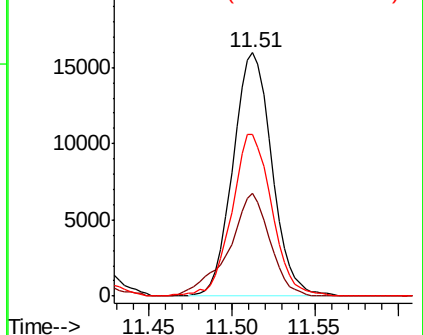


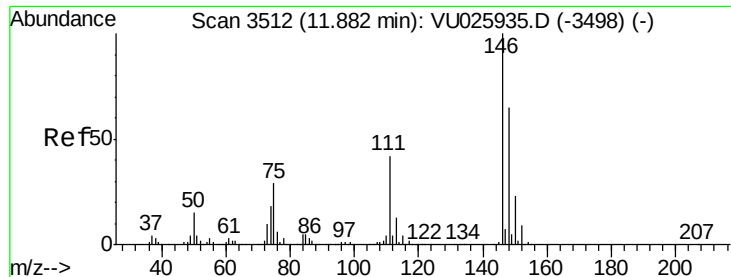
Abundance

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: 5.16 ug/L

RT: 11.88 min Scan# 3512

Delta R.T. -0.00 min

Lab File: VU025947.D

Acq: 07 Aug 2018 18:10

Instrument :

MSVOA_U

ClientSampleId :

VIBLK41

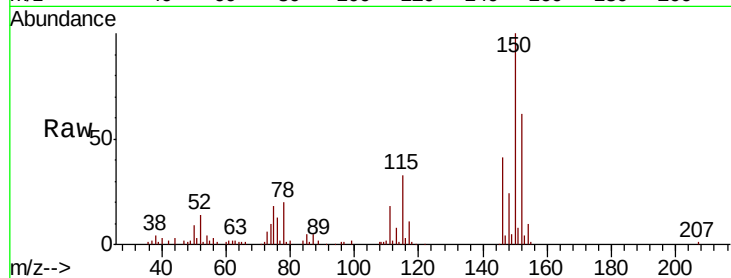
Tot Ion:146 Resp: 20909

Ion Ratio Lower Upper

146 100

111 43.7 32.4 48.6

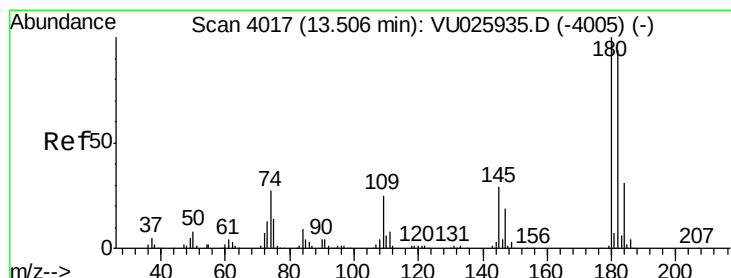
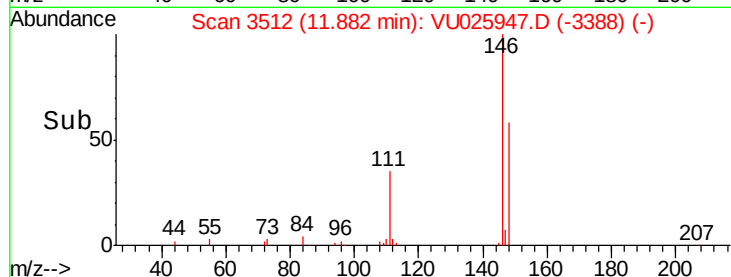
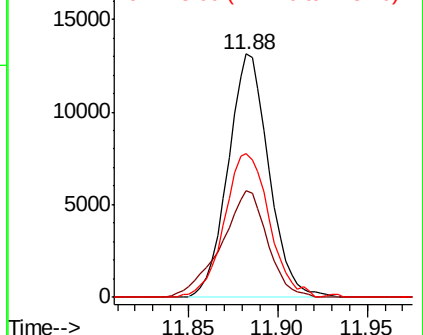
148 59.0 50.7 76.1



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: 20.97 ug/L

RT: 13.51 min Scan# 4018

Delta R.T. 0.00 min

Lab File: VU025947.D

Acq: 07 Aug 2018 18:10

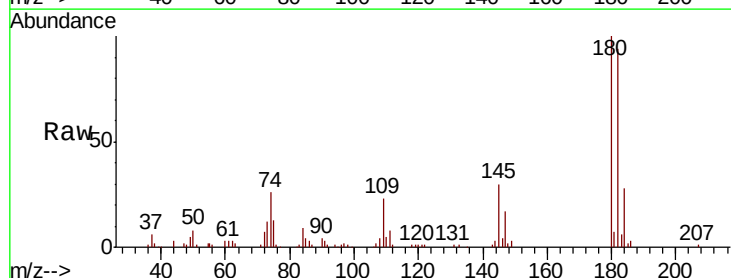
Tgt Ion:180 Resp: 54182

Ion Ratio Lower Upper

180 100

182 95.0 78.1 117.1

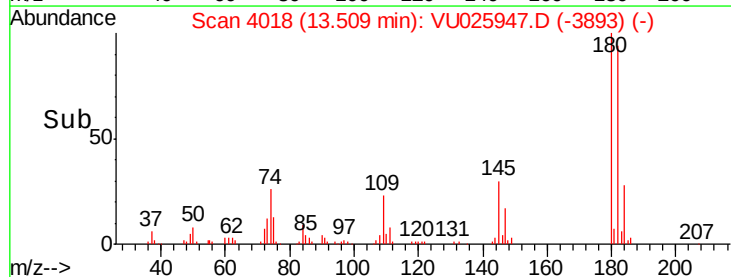
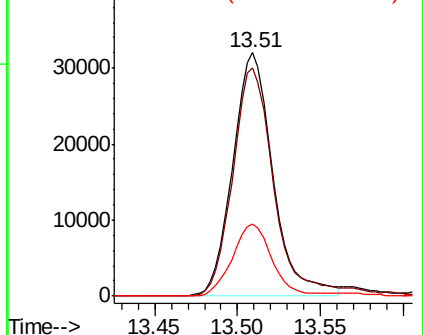
145 29.0 23.4 35.2

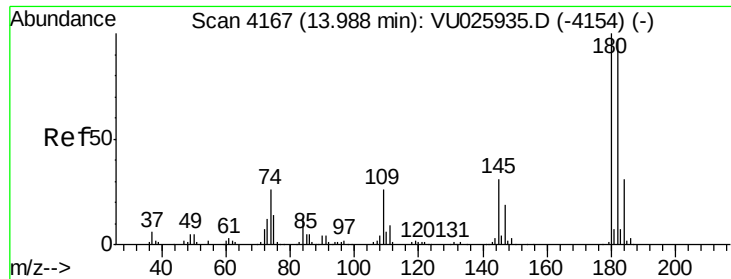


Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

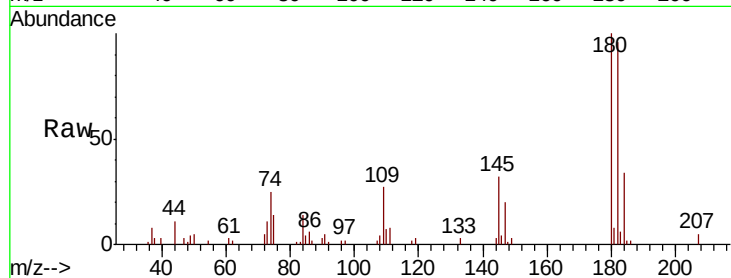




#70
 1,2,3-Trichlorobenzene
 Concen: 5.69 ug/L
 RT: 13.99 min Scan# 4169
 Delta R.T. 0.01 min
 Lab File: VU025947.D
 Acq: 07 Aug 2018 18:10

Instrument :
 MSVOA_U
 ClientSampleId :
 VIBLK41

Tot Ion	Ratio	Lower	Upper
180	100		
182	93.0	76.6	114.8
145	30.9	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

