

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU030119\
 Data File : VU029768.D
 Acq On : 01 Mar 2019 17:18
 Operator : JC/SP
 Sample : K1660-08
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 CWK00

Quant Time: Mar 04 12:02:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR022119WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Mar 01 22:12:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	229142	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	221193	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	113114	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	86931	5.81	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	116.20%
7) Chloroethane-d5	1.68	69	70837	5.03	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.60%
11) 1,1-Dichloroethene-d2	2.27	63	124438	3.87	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.40%
20) 2-Butanone-d5	4.19	46	181993	53.79	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.58%
24) Chloroform-d	4.65	84	128088	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.20%
26) 1,2-Dichloroethane-d4	5.31	65	72916	5.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.40%
32) Benzene-d6	5.34	84	311028	5.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.60%
36) 1,2-Dichloropropane-d6	6.33	67	92417	5.59	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	111.80%
41) Toluene-d8	7.56	98	285727	5.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.80%
43) trans-1,3-Dichloropropene-	7.85	79	34632	5.10	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	102.00%
46) 2-Hexanone-d5	8.31	63	174203	52.40	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.80%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	72159	4.86	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.20%
64) 1,2-Dichlorobenzene-d4	11.86	152	114078	5.13	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.60%

Target Compounds

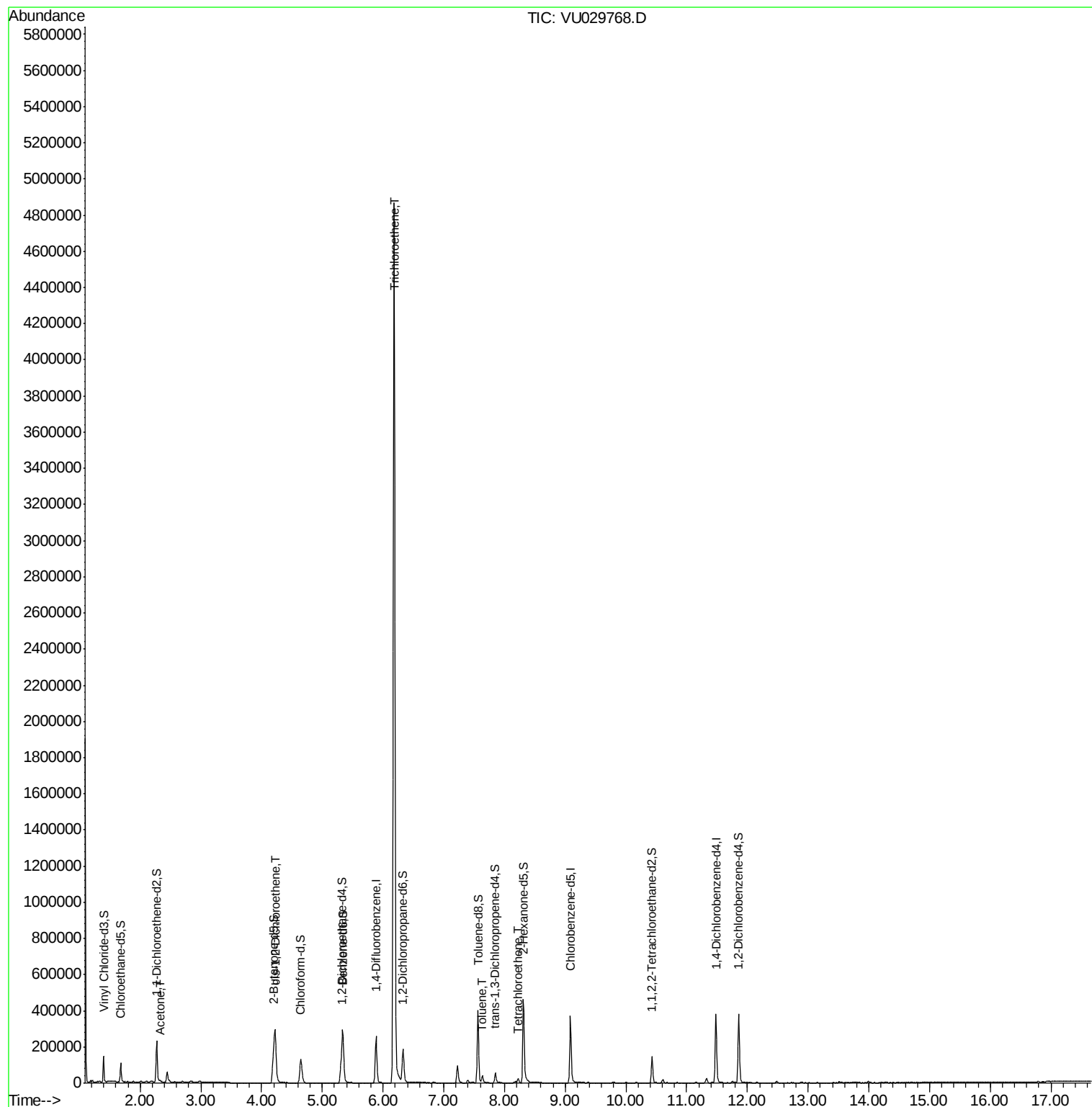
					Ovalue
13) Acetone	2.32	43	7797	3.208	ug/L 91
22) cis-1,2-Dichloroethene	4.22	96	157087	9.272	ug/L 97
34) Trichloroethene	6.18	95	1719871	105.393	ug/L 96
42) Toluene	7.64	91	29174	0.440	ug/L 99
47) Tetrachloroethene	8.22	164	6487	0.428	ug/L 92

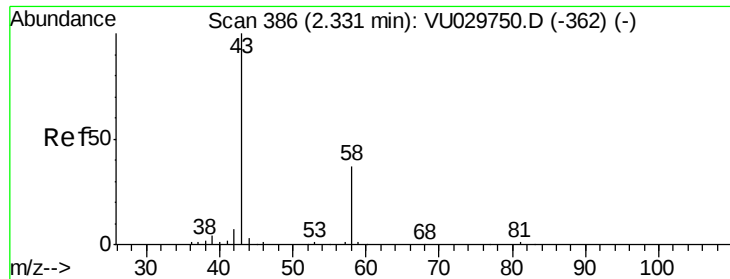
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.208 ug/L

RT: 2.32 min Scan# 384

Delta R.T. -0.01 min

Lab File: VU029768.D

Acq: 01 Mar 2019 17:18

Instrument :

MSVOA_U

ClientSampleId :

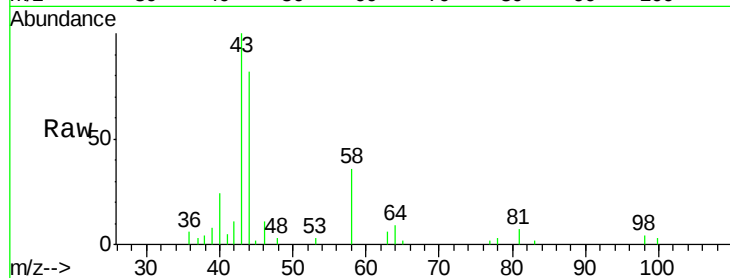
CWK00

Tot Ion: 43 Resp: 7797

Ion Ratio Lower Upper

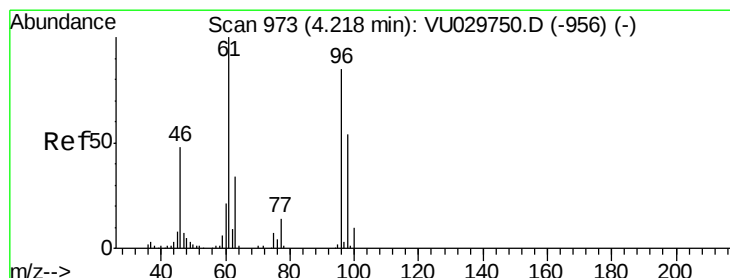
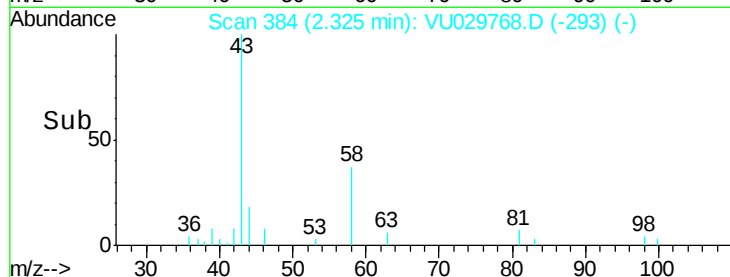
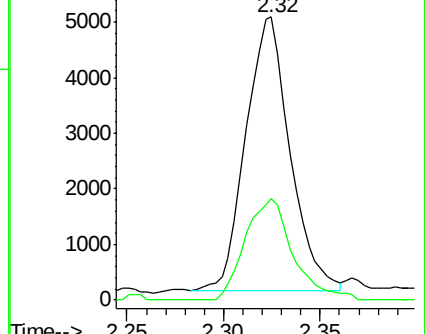
43 100

58 40.2 0.0 70.2



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0



#22

cis-1,2-Dichloroethene

Concen: 9.272 ug/L

RT: 4.22 min Scan# 974

Delta R.T. 0.00 min

Lab File: VU029768.D

Acq: 01 Mar 2019 17:18

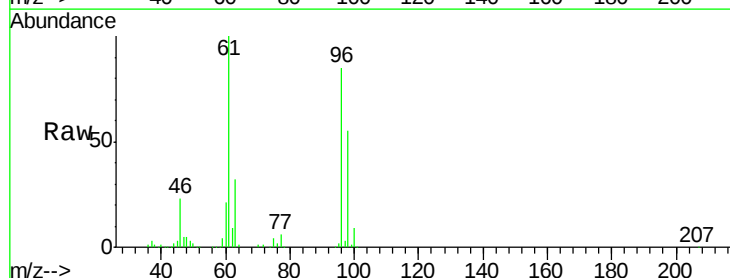
Tgt Ion: 96 Resp: 157087

Ion Ratio Lower Upper

96 100

61 117.7 80.2 149.0

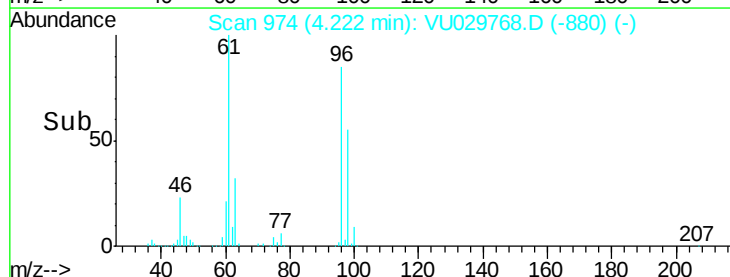
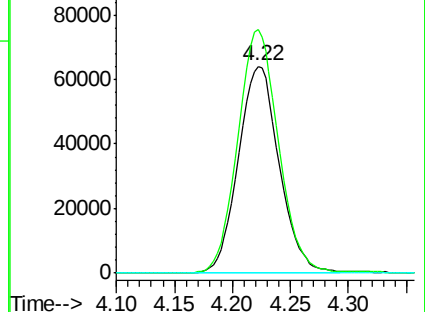
68 0.0 0.0 0.0

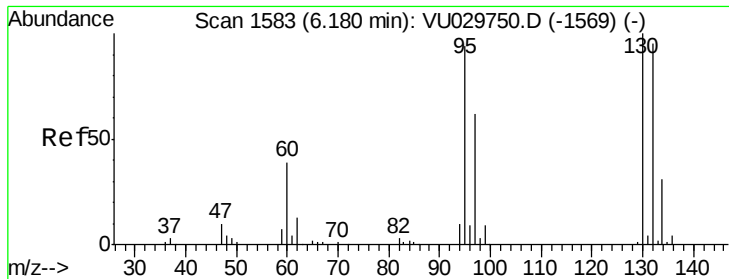


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 68.15 (67.85 to 68.85): VU0

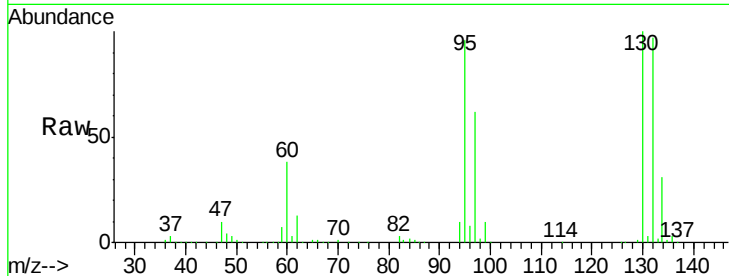




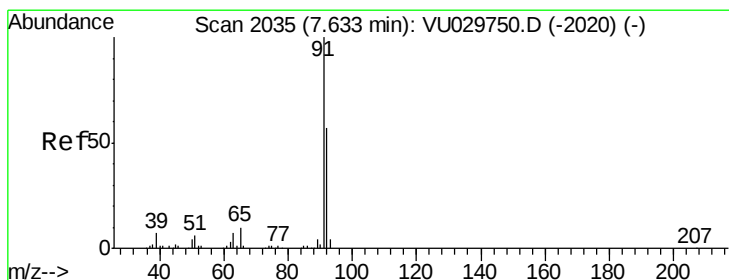
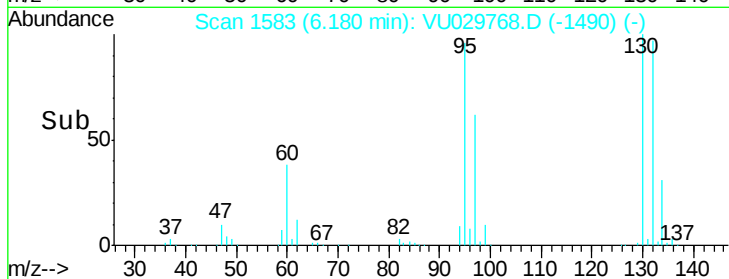
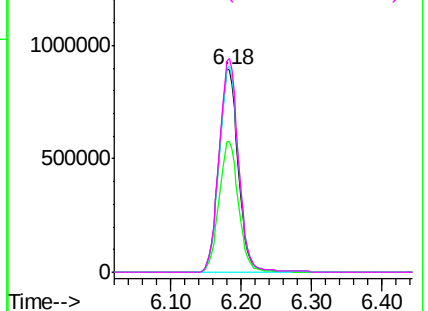
#34
 Trichloroethene
 Concen: 105.393 ug/L
 RT: 6.18 min Scan# 1583
 Delta R.T. 0.00 min
 Lab File: VU029768.D
 Acq: 01 Mar 2019 17:18

Instrument :
 MSVOA_U
 ClientSampleId :
 CWK00

Tot Ion: 95 Resp: 1719871
 Ion Ratio Lower Upper
 95 100
 97 64.3 45.6 84.8
 132 100.6 72.9 135.3
 130 104.1 77.5 143.9

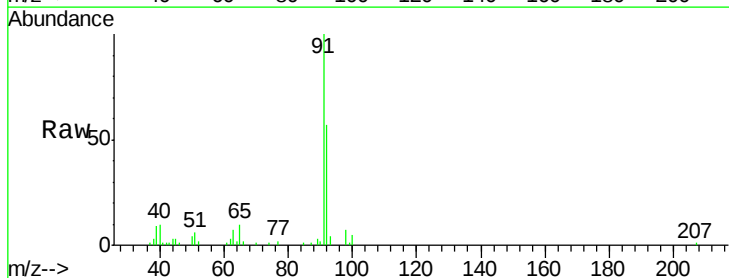


Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 96.95 (96.65 to 97.65): VU0
 Ion 131.95 (131.65 to 132.65): V
 Ion 129.95 (129.65 to 130.65): V

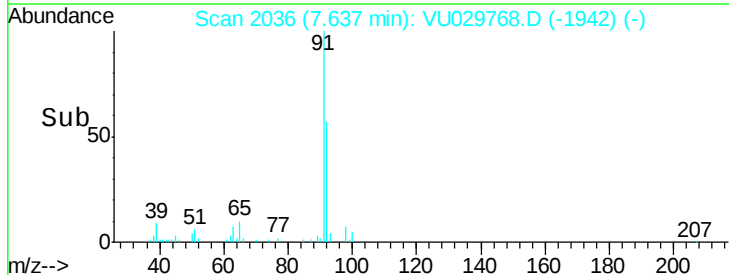
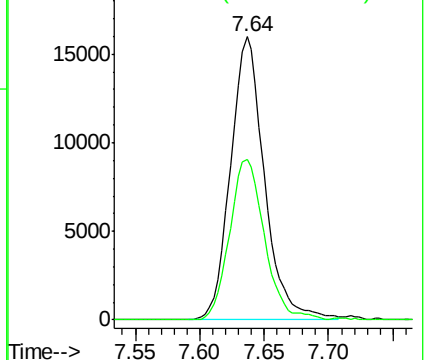


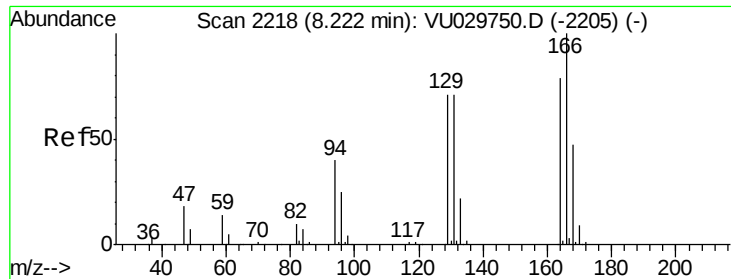
#42
 Toluene
 Concen: 0.440 ug/L
 RT: 7.64 min Scan# 2036
 Delta R.T. 0.00 min
 Lab File: VU029768.D
 Acq: 01 Mar 2019 17:18

Tgt Ion: 91 Resp: 29174
 Ion Ratio Lower Upper
 91 100
 92 56.7 40.1 74.5



Abundance Ion 91.15 (90.85 to 91.85): VU0
 Ion 92.15 (91.85 to 92.85): VU0

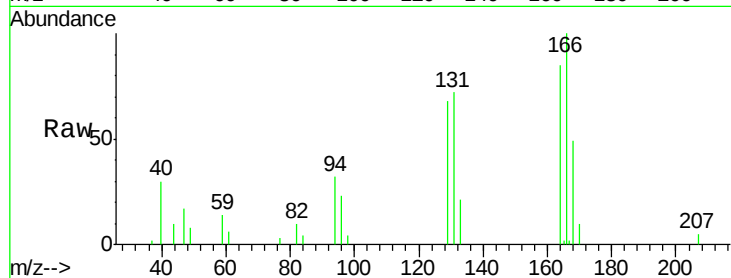




#47
Tetrachloroethene
Concen: 0.428 ug/L
RT: 8.22 min Scan# 2219
Delta R.T. 0.00 min
Lab File: VU029768.D
Acq: 01 Mar 2019 17:18

Instrument :
MSVOA_U
ClientSampleId :
CWK00

Tot Ion:	164	Resp:	6487
Ion	Ratio	Lower	Upper
164	100		
129	79.5	62.9	116.7
131	83.8	61.8	114.8
166	117.0	88.8	164.8



Abundance Ion 163.90 (163.60 to 164.60): V
Ion 128.95 (128.65 to 129.65): V
Ion 130.95 (130.65 to 131.65): V
Ion 165.90 (165.60 to 166.60): V

