

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU050319\
 Data File : VU031739.D
 Acq On : 03 May 2019 11:02
 Operator : JC/SP
 Sample : K2661-11
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0B31

Manual Integrations
 APPROVED

MMDadoda
 5/6/2019 11:42:50 AM

Quant Time: May 04 04:12:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat May 04 02:35:16 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	809343	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	784148	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	316207	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	377130	55.68	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	111.36%
7) Chloroethane-d5	1.68	69	294864	56.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	112.66%
11) 1,1-Dichloroethene-d2	2.27	63	546140m	40.49	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.98%
21) 2-Butanone-d5	4.19	46	702899	114.53	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	114.53%
24) Chloroform-d	4.64	84	607301	48.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.90%
26) 1,2-Dichloroethane-d4	5.31	65	408573	50.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.82%
32) Benzene-d6	5.34	84	1256254	52.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.34%
36) 1,2-Dichloropropane-d6	6.32	67	430176	50.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.56%
41) Toluene-d8	7.56	98	1069720	51.01	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.02%
43) trans-1,3-Dichloropropene-	7.85	79	177519	48.82	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.64%
47) 2-Hexanone-d5	8.31	63	438491	119.59	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	119.59%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	561294	49.37	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.74%
64) 1,2-Dichlorobenzene-d4	11.86	152	346241	52.07	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.14%

Target Compounds

					Ovalue
5) Vinyl chloride	1.40	62	26699	2.652 ug/L #	60
13) Acetone	2.35	43	15763	2.280 ug/L	77
20) cis-1,2-Dichloroethene	4.22	96	232038	32.876 ug/L	91
34) Trichloroethene	6.18	95	171333	24.516 ug/L	99
46) Tetrachloroethene	8.22	164	38148	8.007 ug/L	98

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

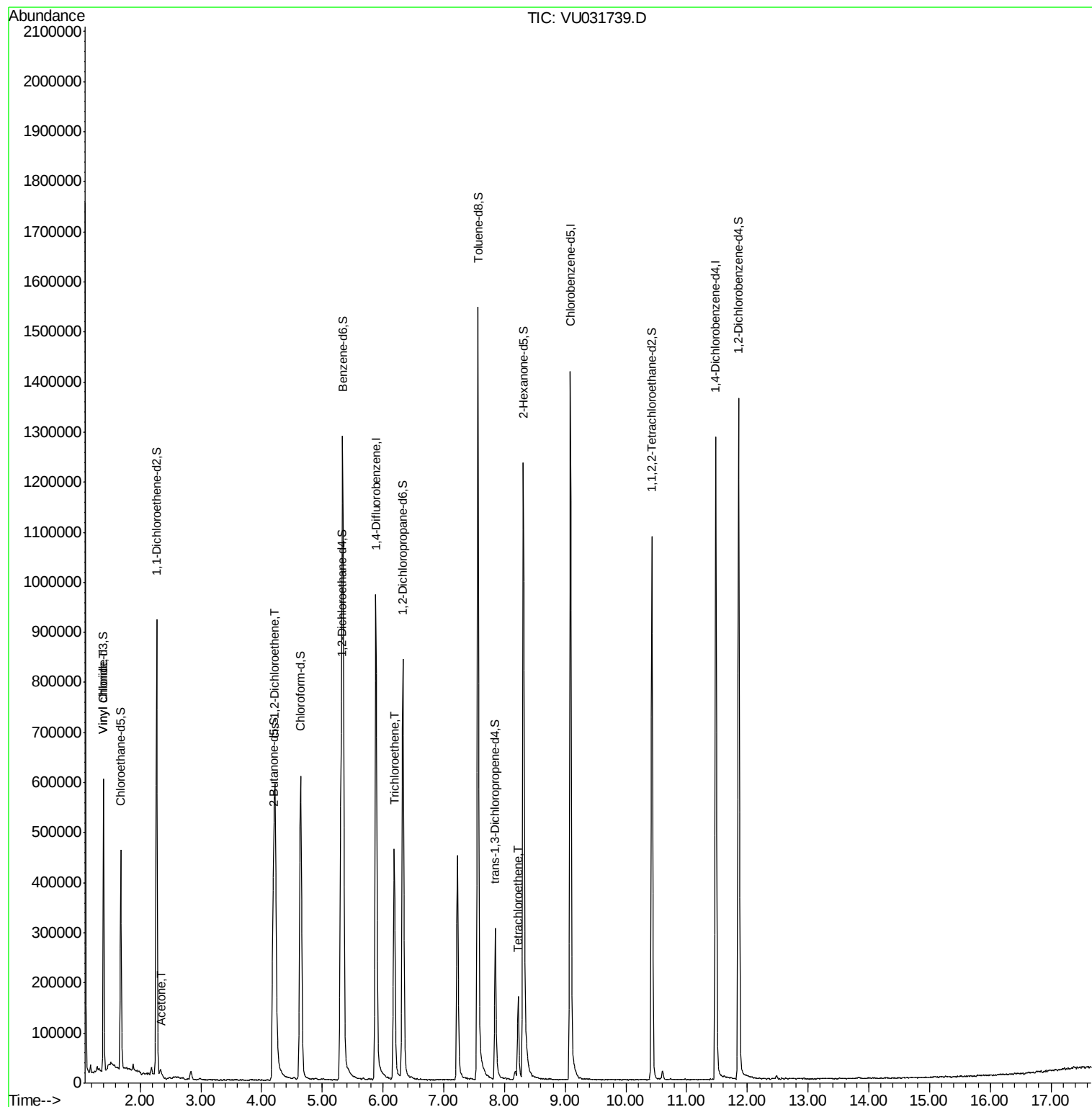
Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU050319\
Data File : VU031739.D
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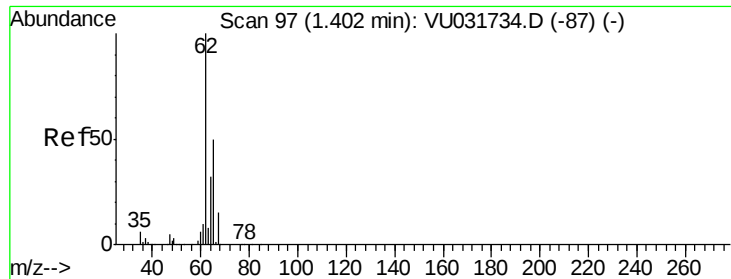
Instrument :
MSVOA_U
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Quant Time: May 04 04:12:12 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis
QLast Update : Sat May 04 02:35:16 2019
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 2.652 ug/L

RT: 1.40 min Scan# 97

Delta R.T. 0.00 min

Lab File: VU031739.D

Acq: 03 May 2019 11:02

Instrument :

MSVOA_U

ClientSampled :

C0B31

Tot Ion: 62 Resp: 26699

Ion Ratio Lower Upper

62 100

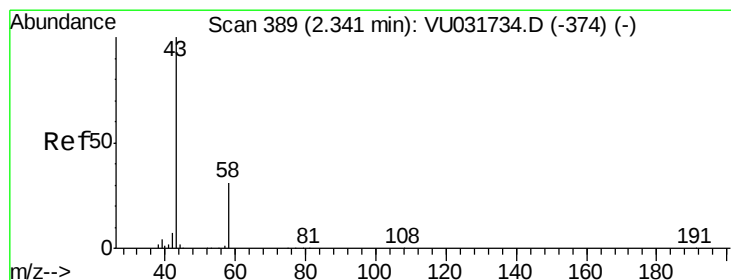
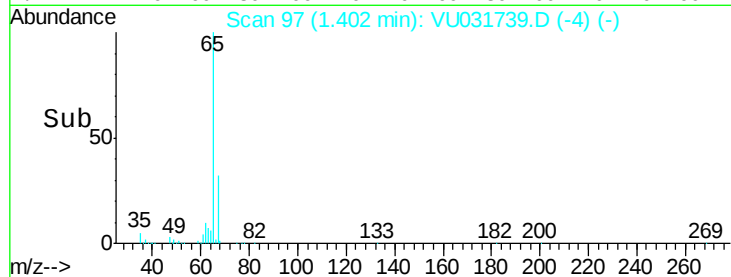
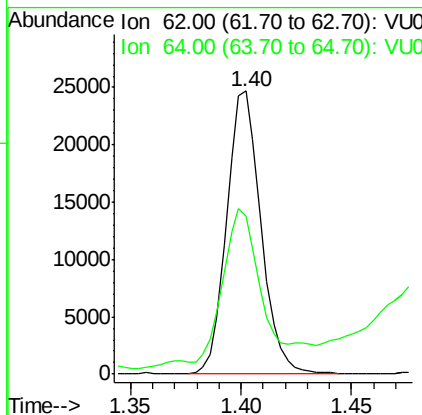
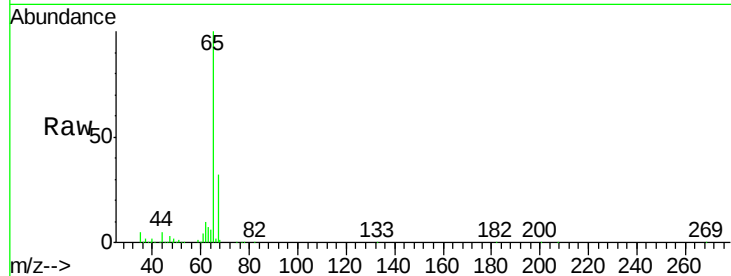
64 55.8 23.1 42.9#

Manual Integrations

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#13

Acetone

Concen: 2.280 ug/L

RT: 2.35 min Scan# 392

Delta R.T. 0.01 min

Lab File: VU031739.D

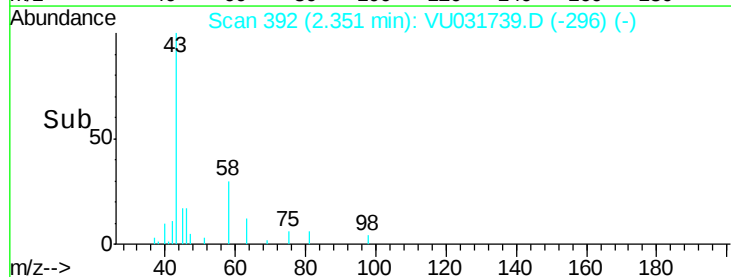
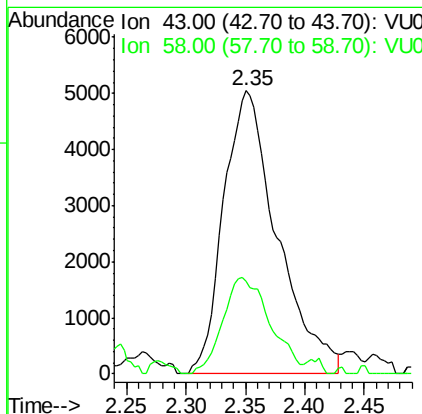
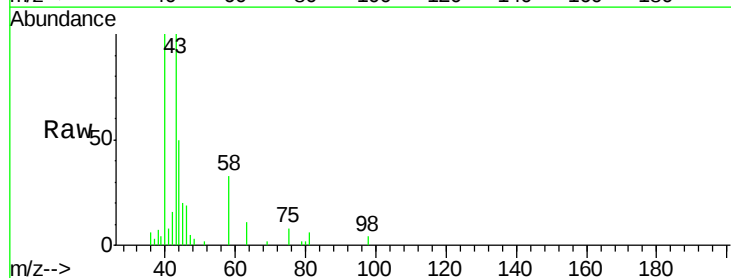
Acq: 03 May 2019 11:02

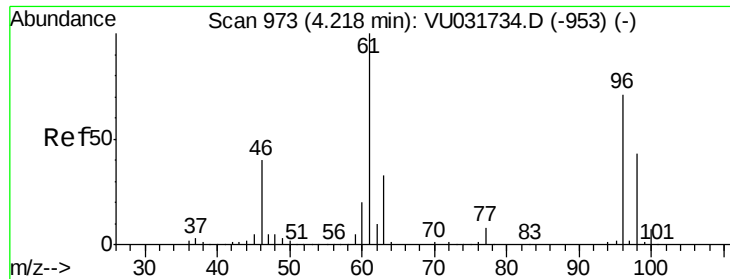
Tgt Ion: 43 Resp: 15763

Ion Ratio Lower Upper

43 100

58 19.1 0.0 64.4





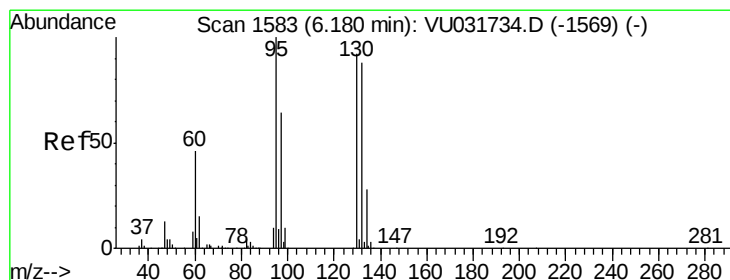
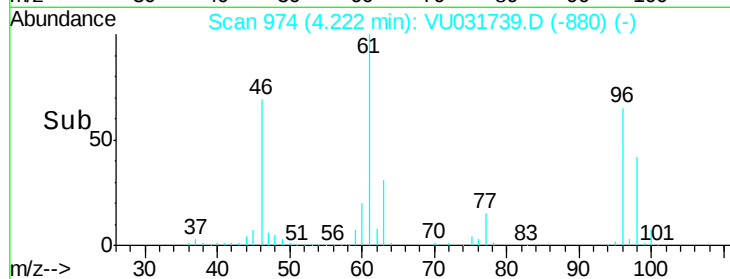
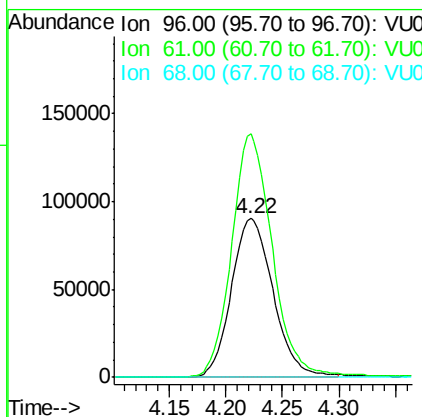
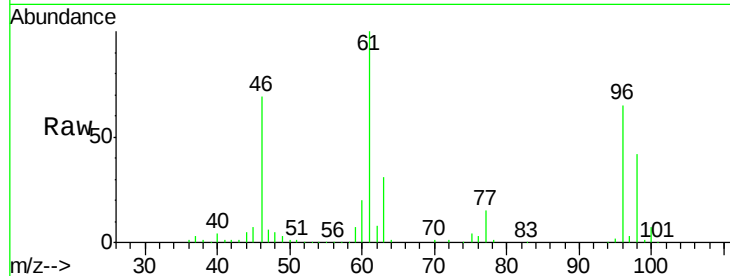
#20
 cis-1,2-Dichloroethene
 Concen: 32.876 ug/L
 RT: 4.22 min Scan# 974
 Delta R.T. 0.00 min
 Lab File: VU031739.D
 Acq: 03 May 2019 11:02

Instrument :
 MSVOA_U
 ClientSampled :
 C0B31

Tot Ion	Ratio	Resp	Lower	Upper
96	100	232038		
61	153.2	99.5	184.7	
68	0.0	0.0	0.0	

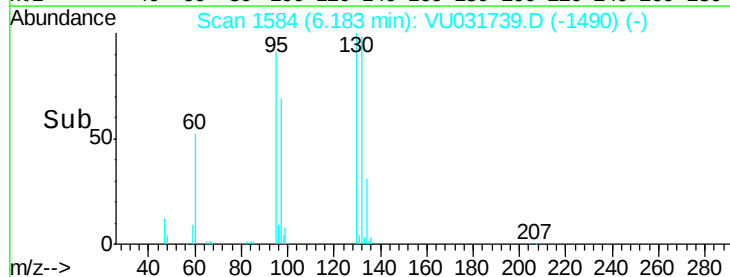
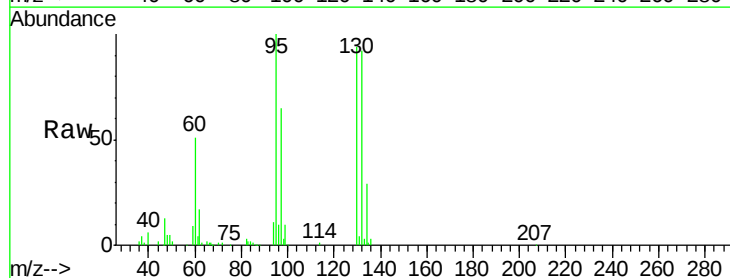
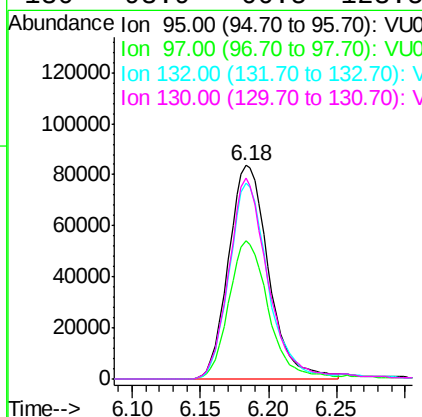
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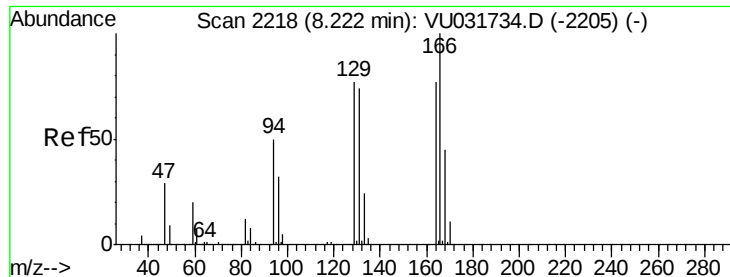
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#34
 Trichloroethene
 Concen: 24.516 ug/L
 RT: 6.18 min Scan# 1584
 Delta R.T. 0.00 min
 Lab File: VU031739.D
 Acq: 03 May 2019 11:02

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	171333		
97	64.5	44.8	83.2	
132	91.8	63.1	117.1	
130	93.9	66.5	123.5	





#46
Tetrachloroethene
Concen: 8.007 ug/L
RT: 8.22 min Scan# 2219
Delta R.T. 0.00 min
Lab File: VU031739.D
Acq: 03 May 2019 11:02

Instrument :
MSVOA_U
ClientSampleId :
C0B31

Tot Ion:	164	Resp:	38148
Ion Ratio	Lower	Upper	
164	100		
129	99.6	71.5	132.9
131	97.2	69.0	128.2
166	130.4	93.7	173.9

Manual Integrations
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