

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U050720\
 Data File : VU038036.D
 Acq On : 07 May 2020 14:14
 Operator : JC/MD
 Sample : L2526-09
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFGS6

Quant Time: May 08 02:15:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri May 08 01:51:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	323588	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	314739	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	143797	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	107788	3.64	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.80%
7) Chloroethane-d5	1.93	69	96224	3.76	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	75.20%
11) 1,1-Dichloroethene-d2	2.59	63	139144	2.81	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	56.20%#
20) 2-Butanone-d5	4.66	46	303841	41.61	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	83.22%
24) Chloroform-d	5.10	84	188845	4.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.00%
26) 1,2-Dichloroethane-d4	5.74	65	111397	4.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.60%
32) Benzene-d6	5.76	84	415897	4.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.20%
36) 1,2-Dichloropropane-d6	6.72	67	134908	4.43	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.60%
41) Toluene-d8	7.92	98	375967	4.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.80%
43) trans-1,3-Dichloropropene-	8.20	79	46544	3.82	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.40%
46) 2-Hexanone-d5	8.65	63	250257	43.46	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.92%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	99718	4.15	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	83.00%
64) 1,2-Dichlorobenzene-d4	12.21	152	131380	4.69	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.80%

Target Compounds

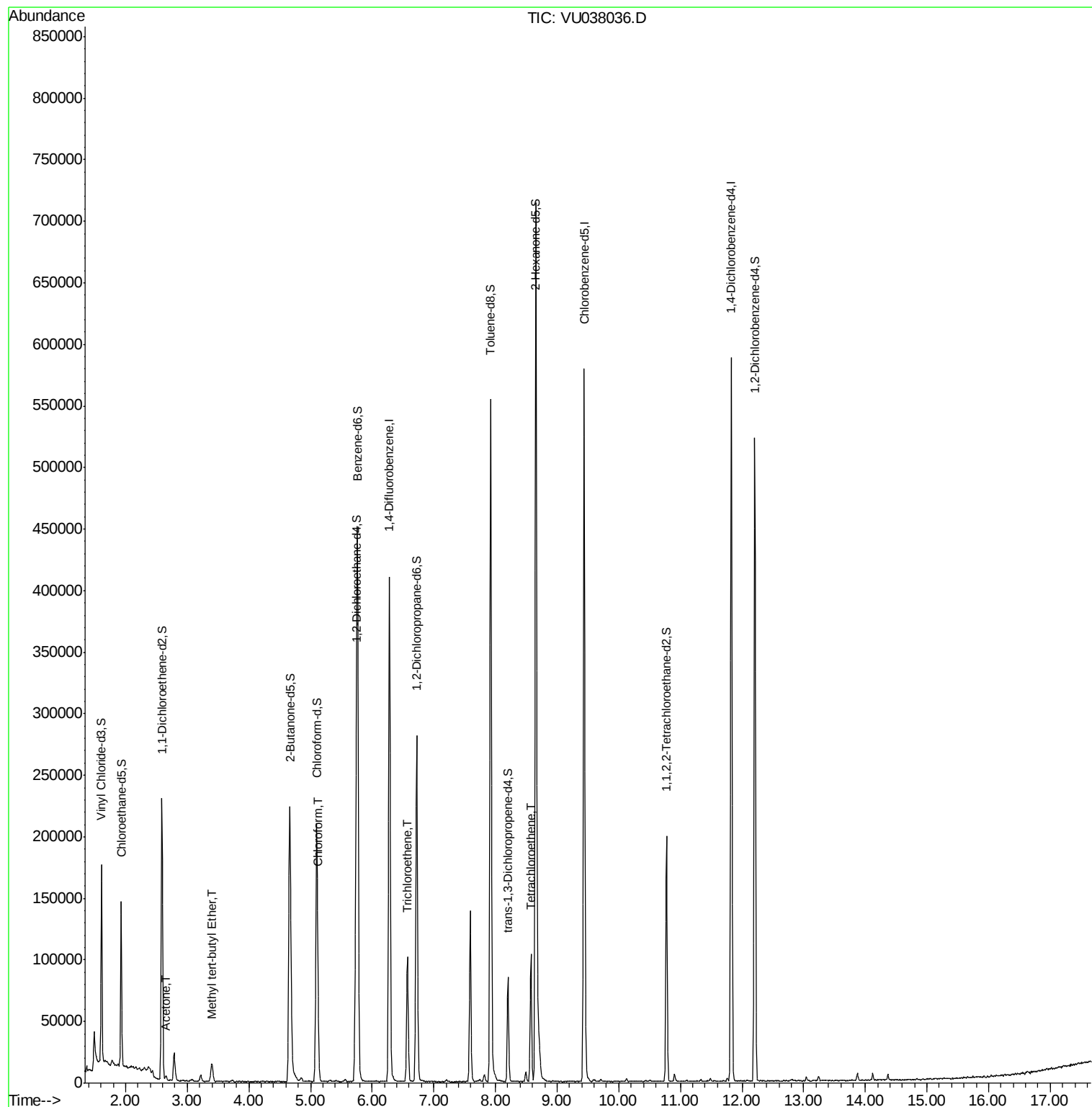
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.65	43	4699	1.026	ug/L	94
17) Methyl tert-butyl Ether	3.40	73	15937	0.255	ug/L	95
25) Chloroform	5.12	83	13277	0.297	ug/L	99
34) Trichloroethene	6.57	95	33812	1.341	ug/L	96
47) Tetrachloroethene	8.57	164	23308	1.322	ug/L	97

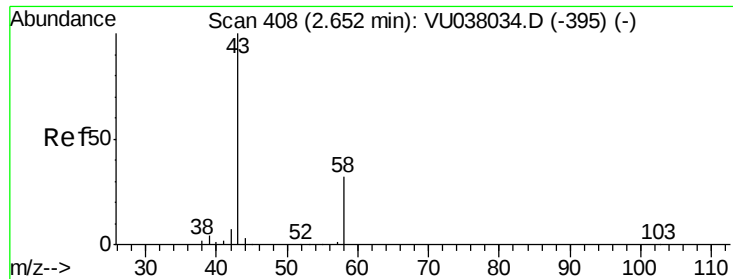
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.026 ug/L

RT: 2.65 min Scan# 408

Delta R.T. 0.00 min

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Acq: 07 May 2020 14:14

Instrument :

MSVOA_U

ClientSampleId :

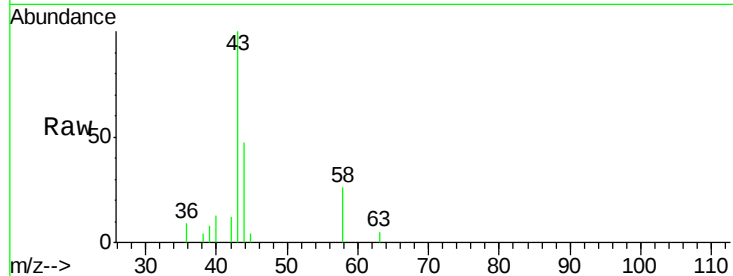
BFSG6

Tot Ion: 43 Resp: 4699

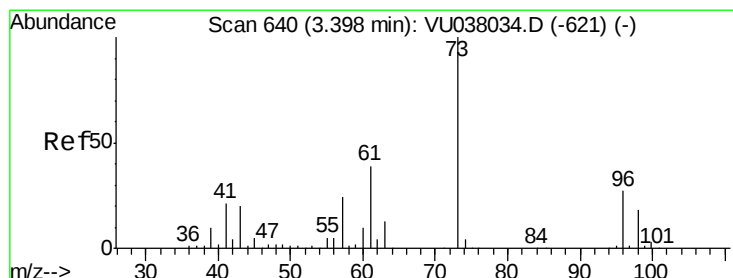
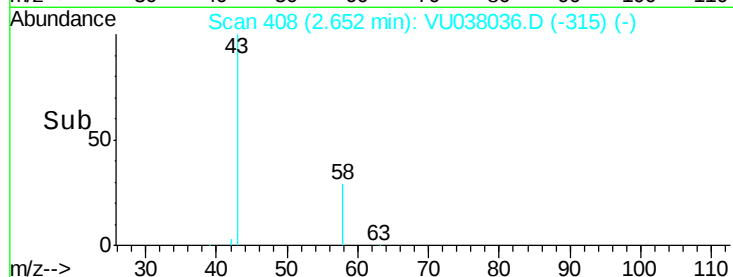
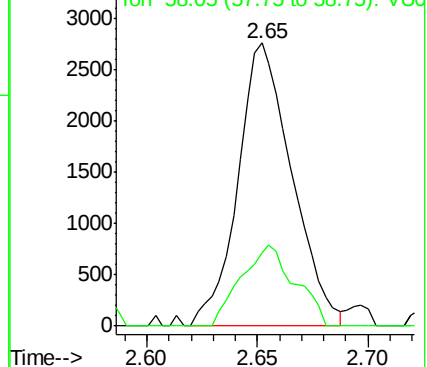
Ion Ratio Lower Upper

43 100

58 28.4 0.0 63.6



Abundance Ion 43.05 (42.75 to 43.75): VU038036.D (-315) (-)



#17

Methyl tert-butyl Ether

Concen: 0.255 ug/L

RT: 3.40 min Scan# 641

Delta R.T. 0.00 min

Lab File: VU038036.D

Acq: 07 May 2020 14:14

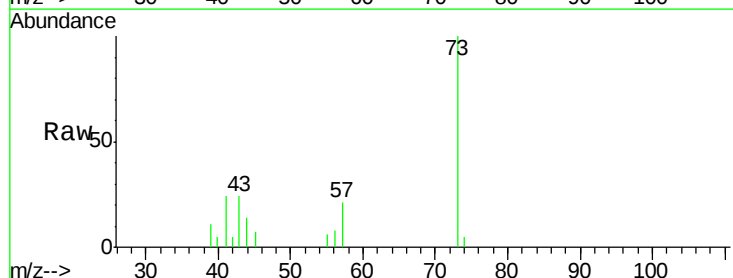
Tgt Ion: 73 Resp: 15937

Ion Ratio Lower Upper

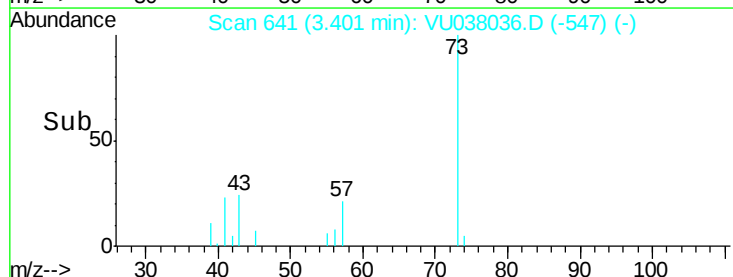
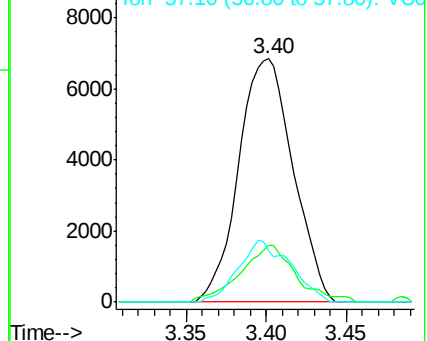
73 100

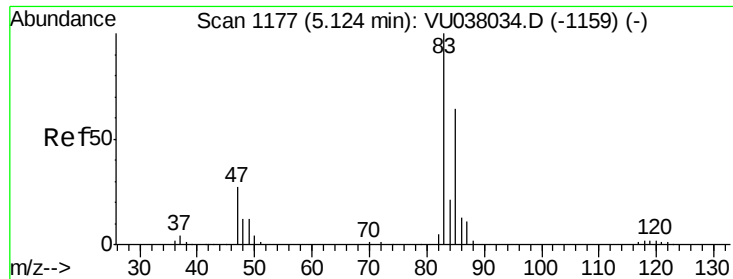
43 24.0 16.9 25.3

57 24.2 18.2 27.2



Abundance Ion 73.10 (72.80 to 73.80): VU038036.D (-547) (-)





#25

Chloroform

Concen: 0.297 ug/L

RT: 5.12 min Scan# 1177

Delta R.T. 0.00 min

Lab File: VU038036.D

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Instrument :

MSVOA_U

ClientSampleId :

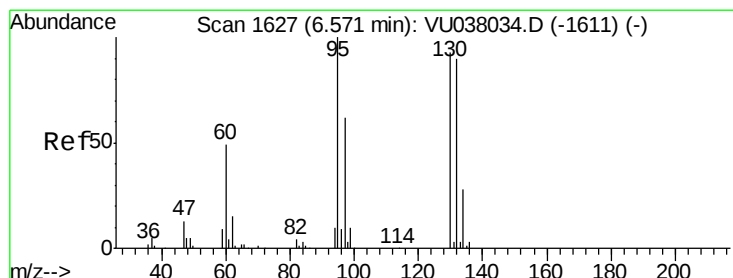
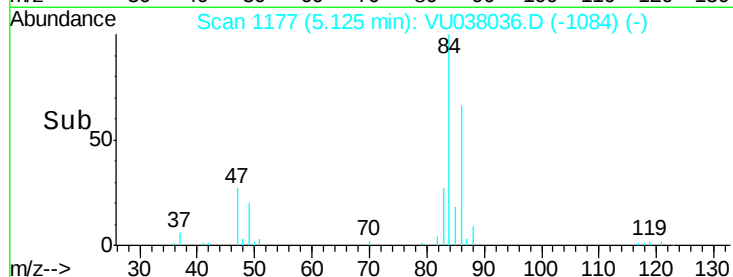
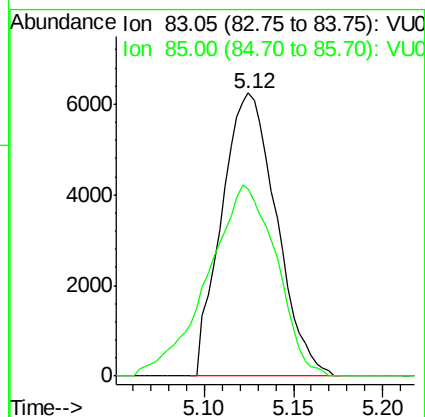
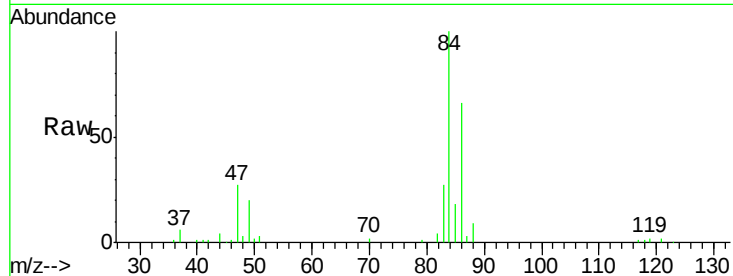
BFSG6

Tot Ion: 83 Resp: 13277

Ion Ratio Lower Upper

83 100

85 66.4 46.2 85.8



#34

Trichloroethene

Concen: 1.341 ug/L

RT: 6.57 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VU038036.D

Acq: 07 May 2020 14:14

Tgt Ion: 95 Resp: 33812

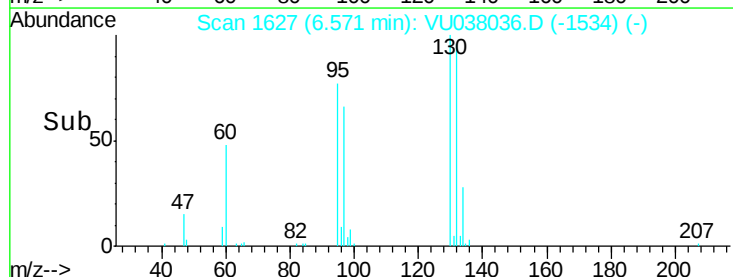
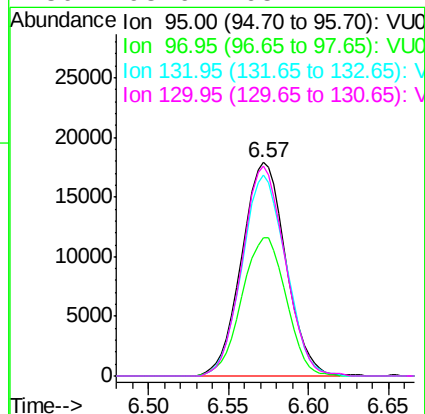
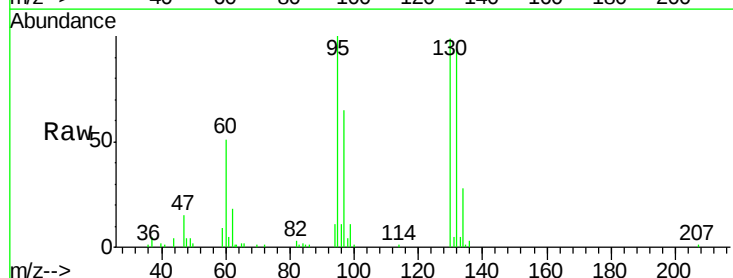
Ion Ratio Lower Upper

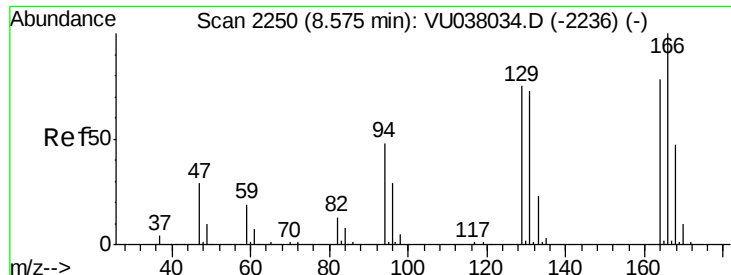
95 100

97 64.9 44.9 83.3

132 94.1 63.3 117.5

130 98.6 65.7 122.1





#47

Tetrachloroethene

Concen: 1.322 ug/L

RT: 8.57 min Scan# 2250

Delta R.T. 0.00 min

Lab File: VU038036.D

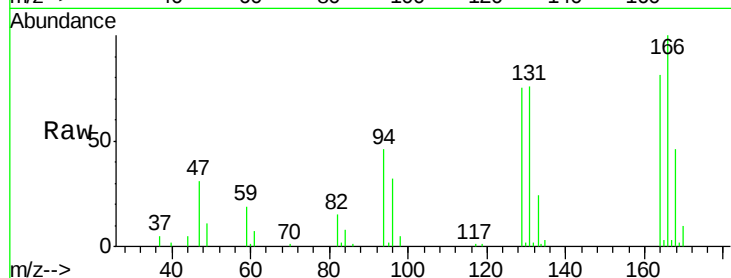
Acq: 07 May 2020 14:14

Instrument :

MSVOA_U

ClientSampleId :

BFSG6



Tot Ion:164 Resp: 23308

Ion Ratio Lower Upper

164 100

129 93.0 68.8 127.8

131 93.8 66.8 124.2

166 123.9 88.9 165.1

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

