

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU051019\
 Data File : VU031910.D
 Acq On : 10 May 2019 23:53
 Operator : JC/SP
 Sample : K2705-13
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0B51

Quant Time: May 11 04:31:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat May 11 02:45:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	1000266	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	994494	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	361623	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	356380	42.57	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.14%
7) Chloroethane-d5	1.67	69	316525	48.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.86%
11) 1,1-Dichloroethene-d2	2.27	63	514011	30.83	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	61.66%
21) 2-Butanone-d5	4.17	46	673639	88.81	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	88.81%
24) Chloroform-d	4.64	84	672401	43.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.72%
26) 1,2-Dichloroethane-d4	5.30	65	461342	46.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.12%
32) Benzene-d6	5.33	84	1389871	45.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.02%
36) 1,2-Dichloropropane-d6	6.32	67	482402	44.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.80%
41) Toluene-d8	7.56	98	1143643	43.00	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.00%
43) trans-1,3-Dichloropropene-	7.85	79	191380	41.50	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.00%
47) 2-Hexanone-d5	8.31	63	425832	91.57	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	91.57%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	679302	47.11	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.22%
64) 1,2-Dichlorobenzene-d4	11.86	152	381214	50.13	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.26%

Target Compounds

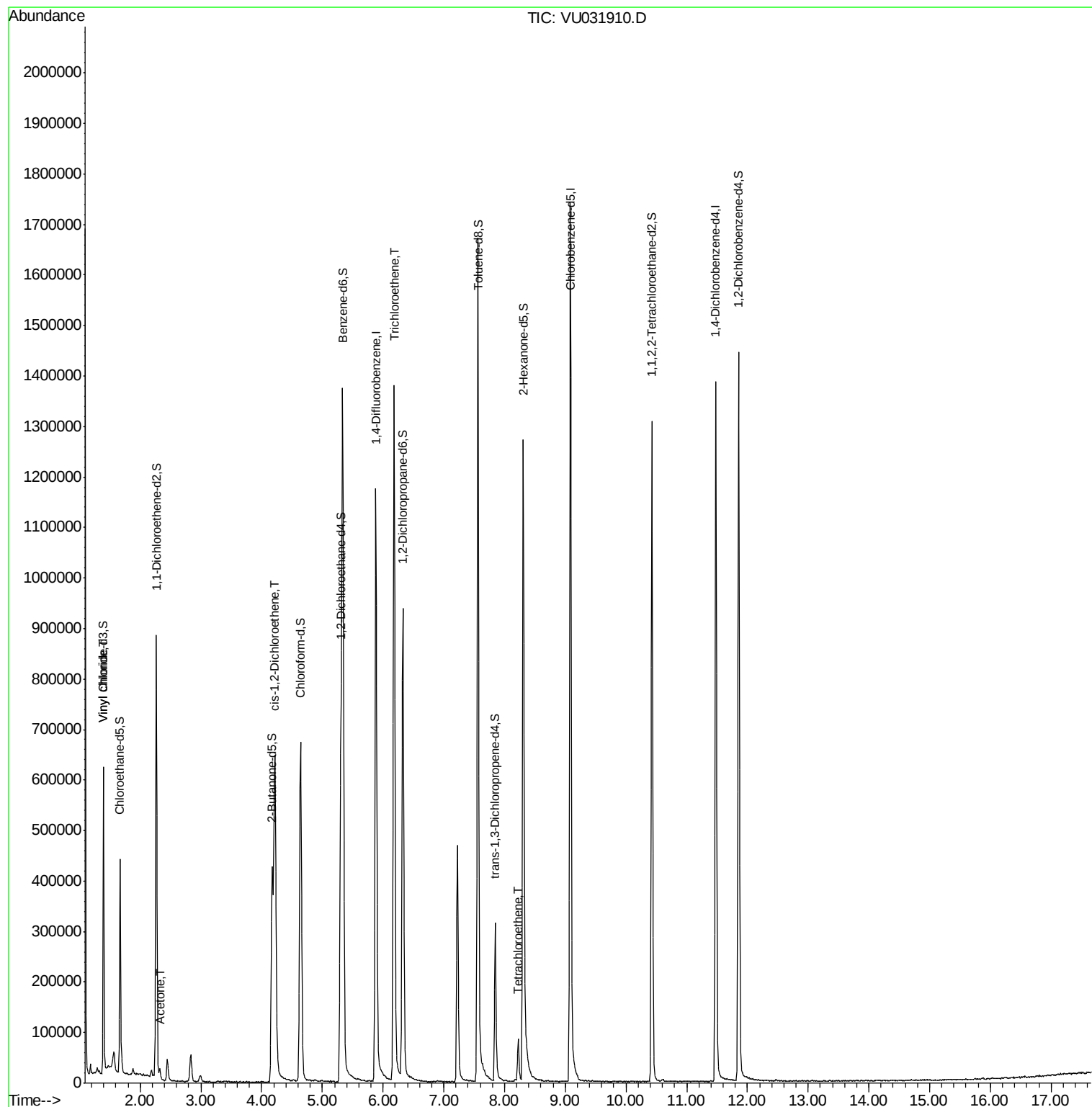
					Ovalue
5) Vinyl chloride	1.40	62	31204	2.508 ug/L	# 57
13) Acetone	2.32	43	14353	1.680 ug/L	100
20) cis-1,2-Dichloroethene	4.22	96	335976	38.516 ug/L	99
34) Trichloroethene	6.18	95	519088	58.567 ug/L	97
46) Tetrachloroethene	8.22	164	19466	3.222 ug/L	95

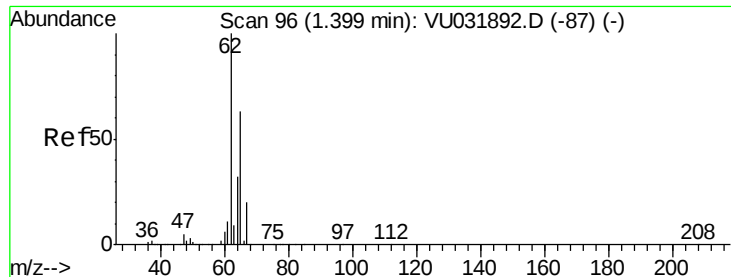
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#5

Vinyl chloride

Concen: 2.508 ug/L

RT: 1.40 min Scan# 96

Delta R.T. -0.00 min

Lab File: VU031910.D

Acq: 10 May 2019 23:53

Instrument :

MSVOA_U

ClientSampled :

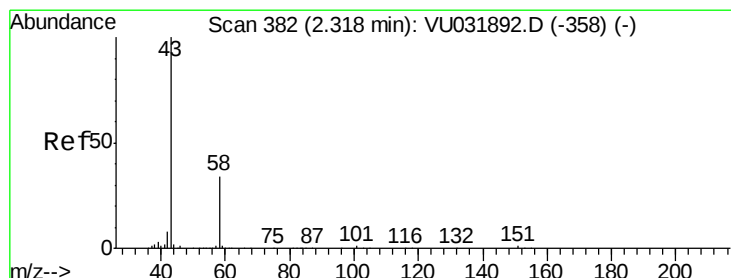
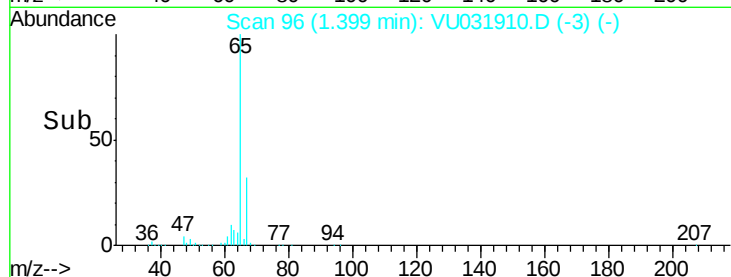
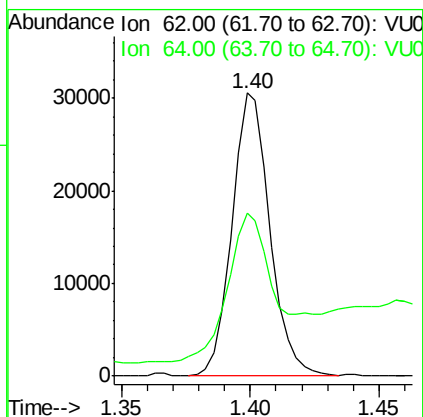
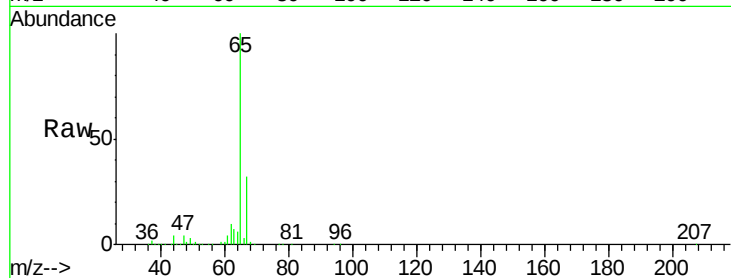
C0B51

Tot Ion: 62 Resp: 31204

Ion Ratio Lower Upper

62 100

64 57.6 23.1 42.9#



#13

Acetone

Concen: 1.680 ug/L

RT: 2.32 min Scan# 382

Delta R.T. -0.00 min

Lab File: VU031910.D

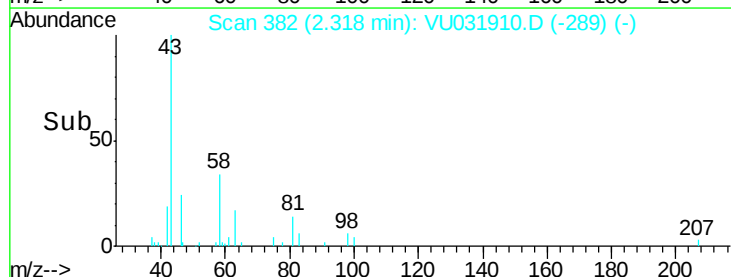
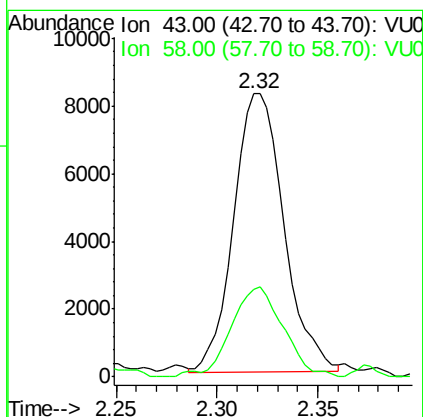
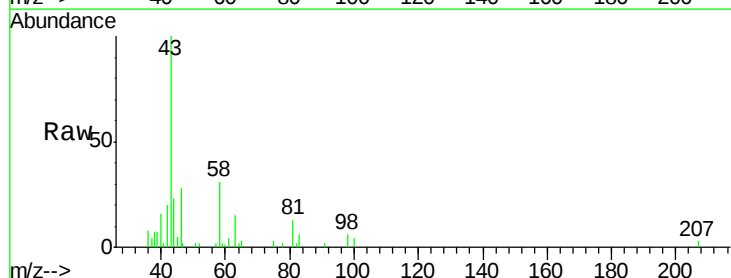
Acq: 10 May 2019 23:53

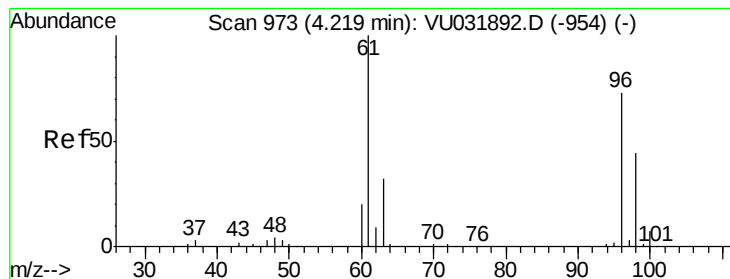
Tgt Ion: 43 Resp: 14353

Ion Ratio Lower Upper

43 100

58 32.3 0.0 64.4



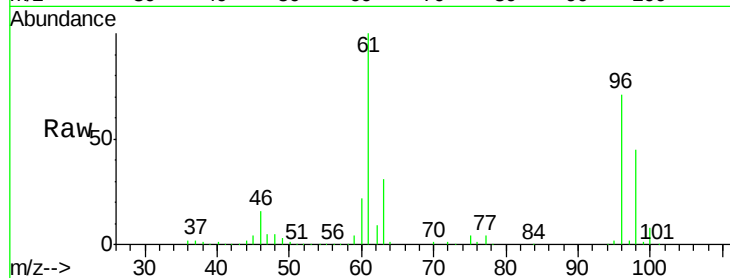


#20

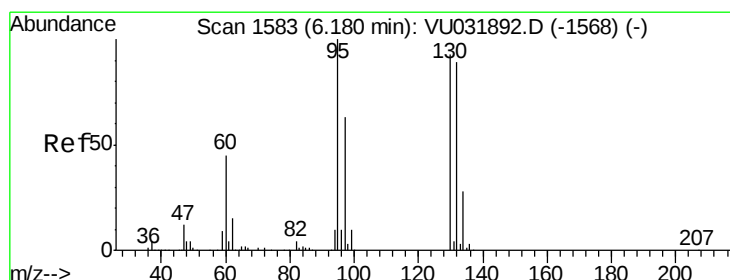
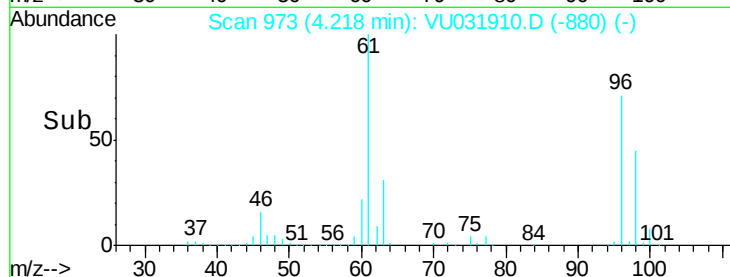
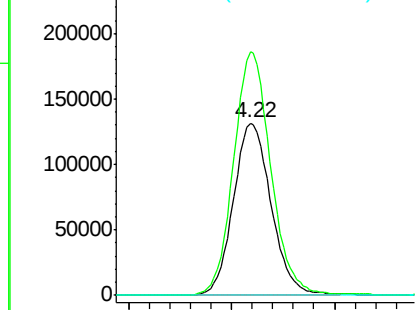
cis-1,2-Dichloroethene
 Concen: 38.516 ug/L
 RT: 4.22 min Scan# 973
 Delta R.T. -0.00 min
 Lab File: VU031910.D
 Acq: 10 May 2019 23:53

Instrument :
 MSVOA_U
 ClientSampleId :
 C0B51

Tot Ion: 96 Resp: 335976
 Ion Ratio Lower Upper
 96 100
 61 141.4 99.5 184.7
 68 0.0 0.0 0.0



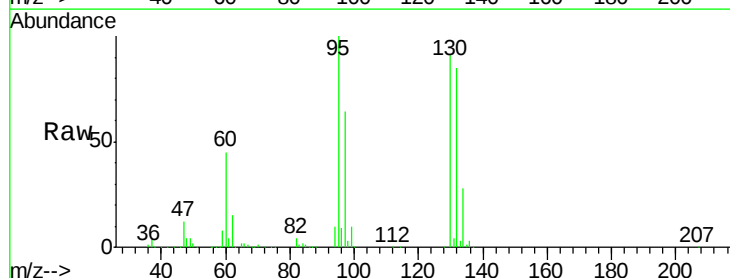
Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.00 (60.70 to 61.70): VU0
 Ion 68.00 (67.70 to 68.70): VU0



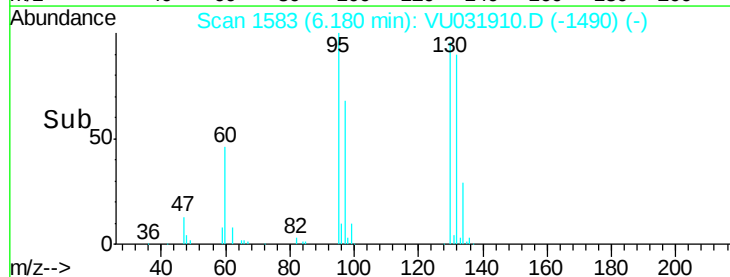
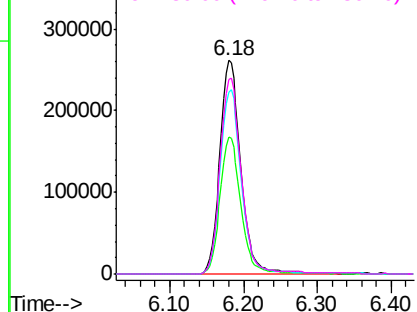
#34

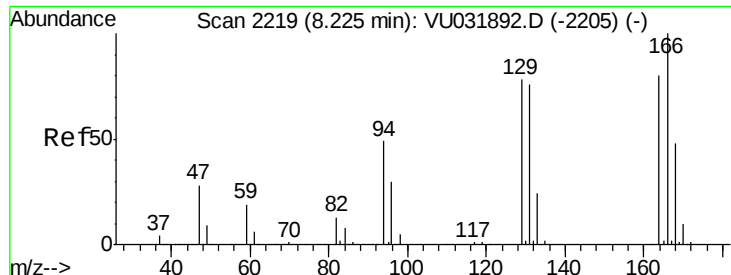
Trichloroethene
 Concen: 58.567 ug/L
 RT: 6.18 min Scan# 1583
 Delta R.T. -0.00 min
 Lab File: VU031910.D
 Acq: 10 May 2019 23:53

Tgt Ion: 95 Resp: 519088
 Ion Ratio Lower Upper
 95 100
 97 64.1 44.8 83.2
 132 85.4 63.1 117.1
 130 90.8 66.5 123.5



Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 97.00 (96.70 to 97.70): VU0
 Ion 132.00 (131.70 to 132.70): V
 Ion 130.00 (129.70 to 130.70): V





#46

Tetrachloroethene

Concen: 3.222 ug/L

RT: 8.22 min Scan# 2219

Delta R.T. -0.00 min

Lab File: VU031910.D

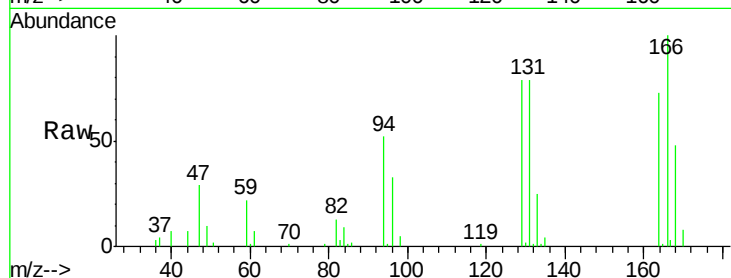
Acq: 10 May 2019 23:53

Instrument :

MSVOA_U

ClientSampleId :

C0B51



Tot Ion:164 Resp: 19466

Ion Ratio Lower Upper

164 100

129 107.7 71.5 132.9

131 107.5 69.0 128.2

166 136.2 93.7 173.9

Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V

