

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061419\
 Data File : VU032766.D
 Acq On : 15 Jun 2019 10:07
 Operator : JC/SP
 Sample : K3385-17
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 COM65

Quant Time: Jun 17 03:52:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR060419WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Jun 17 01:26:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	94319	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	89691	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	44066	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	25443	4.15	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.00%
7) Chloroethane-d5	1.67	69	23215	4.43	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.60%
11) 1,1-Dichloroethene-d2	2.27	63	45988	3.70	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.00%
20) 2-Butanone-d5	4.18	46	102693	60.00	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	120.00%
24) Chloroform-d	4.64	84	58374	5.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.20%
26) 1,2-Dichloroethane-d4	5.30	65	33567	5.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	117.00%
32) Benzene-d6	5.33	84	109306	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.00%
36) 1,2-Dichloropropane-d6	6.32	67	36225	5.27	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.40%
41) Toluene-d8	7.56	98	92323	4.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.60%
43) trans-1,3-Dichloropropene-	7.85	79	13373	4.55	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.00%
46) 2-Hexanone-d5	8.31	63	77754	52.84	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.68%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	33559	5.79	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	115.80%
64) 1,2-Dichlorobenzene-d4	11.85	152	40131	5.06	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.20%

Target Compounds

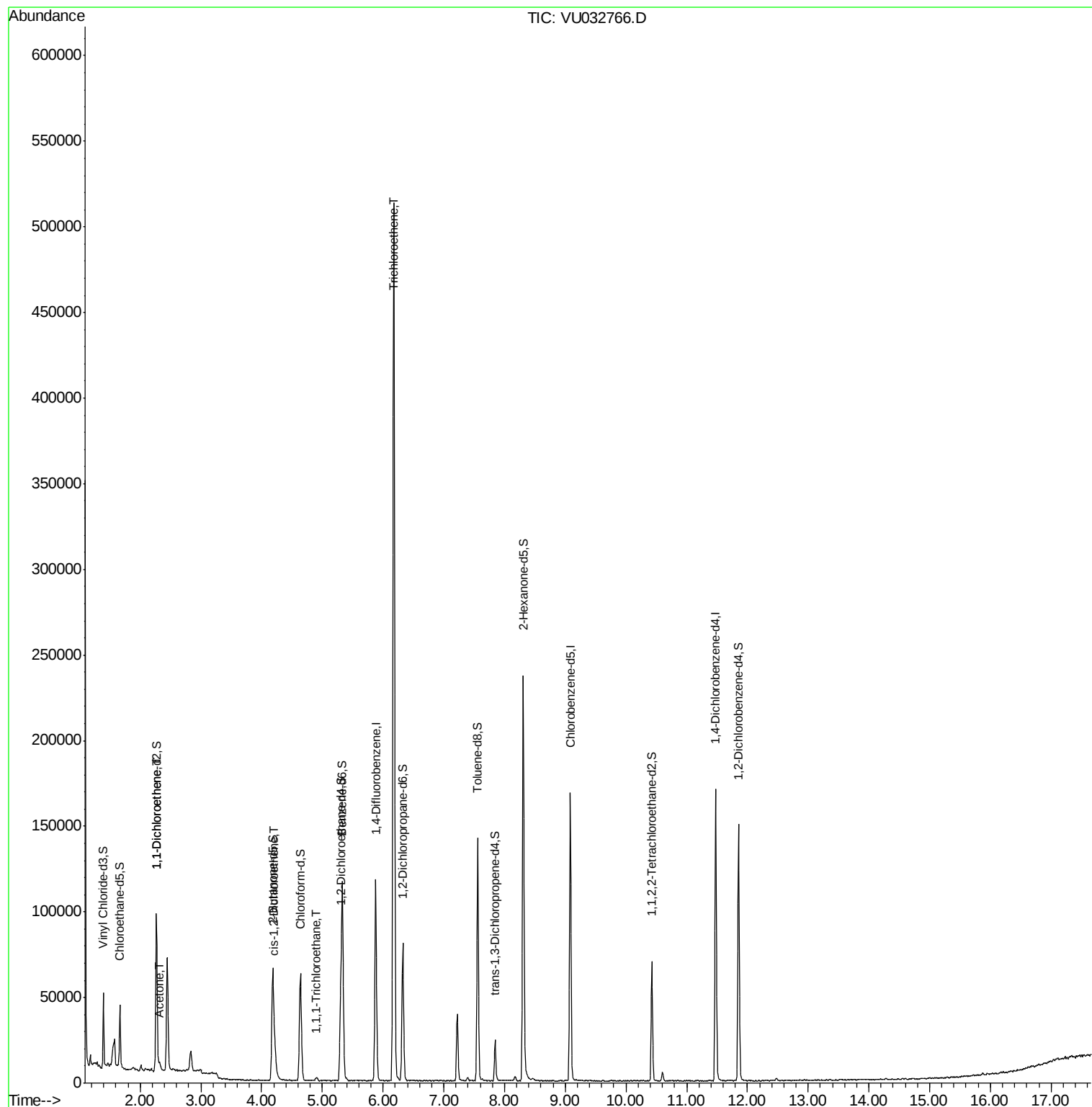
					Ovalue
12) 1,1-Dichloroethene	2.28	96	10046	1.676 ug/L	# 39
13) Acetone	2.32	43	4035	3.038 ug/L	95
22) cis-1,2-Dichloroethene	4.21	96	4158	0.568 ug/L	94
29) 1,1,1-Trichloroethane	4.90	97	1745	0.160 ug/L	95
34) Trichloroethene	6.18	95	168084	22.098 ug/L	99

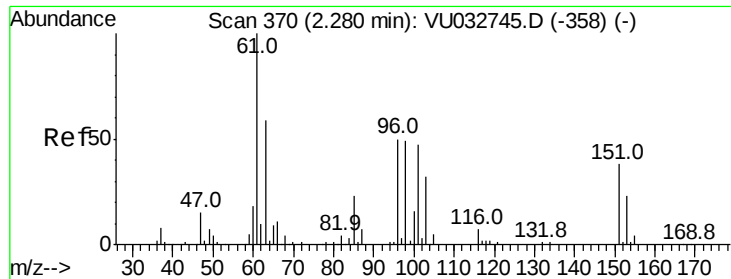
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 1.676 ug/L

RT: 2.28 min Scan# 369

Delta R.T. -0.00 min

Lab File: VU032766.D

Acq: 15 Jun 2019 10:07

Instrument :

MSVOA_U

ClientSampleId :

C0M65

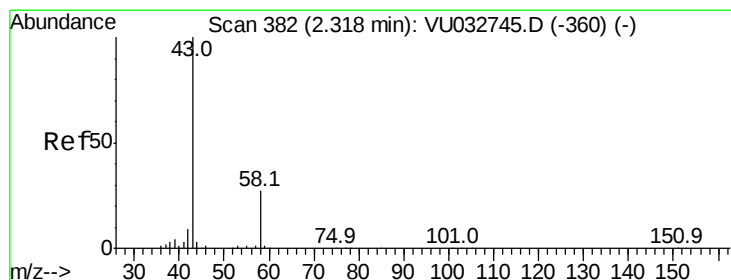
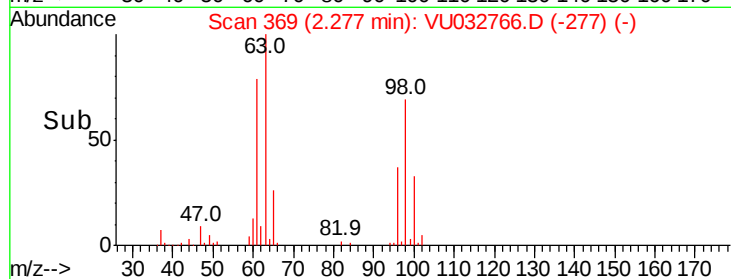
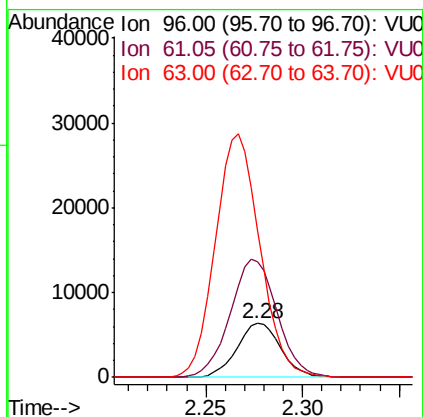
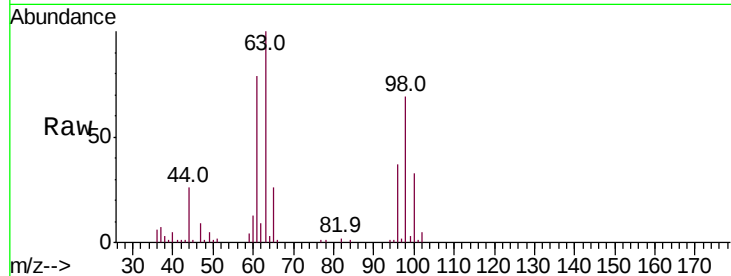
Tot Ion: 96 Resp: 10046

Ion Ratio Lower Upper

96 100

61 214.8 131.8 244.8

63 271.6 90.1 167.3#



#13

Acetone

Concen: 3.038 ug/L

RT: 2.32 min Scan# 381

Delta R.T. -0.00 min

Lab File: VU032766.D

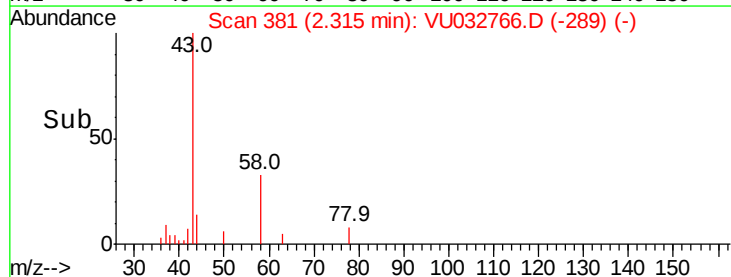
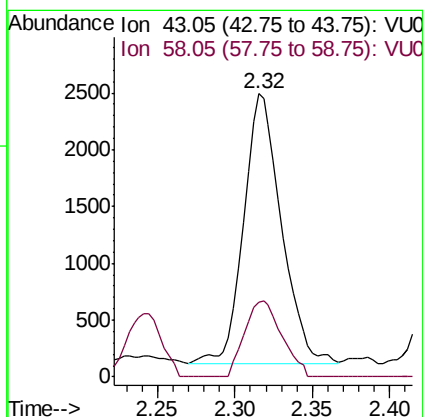
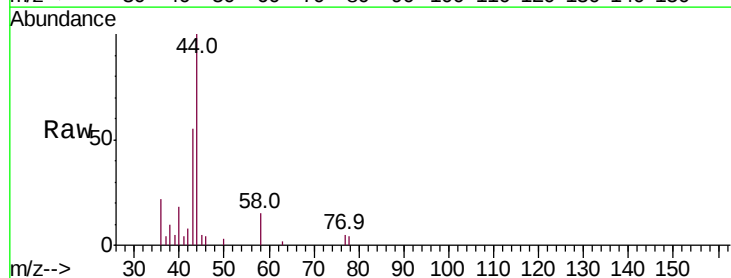
Acq: 15 Jun 2019 10:07

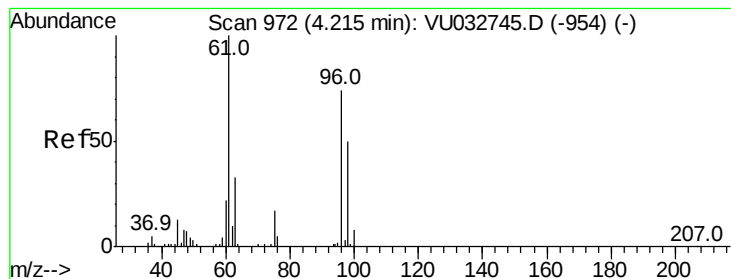
Tgt Ion: 43 Resp: 4035

Ion Ratio Lower Upper

43 100

58 27.7 0.0 60.8



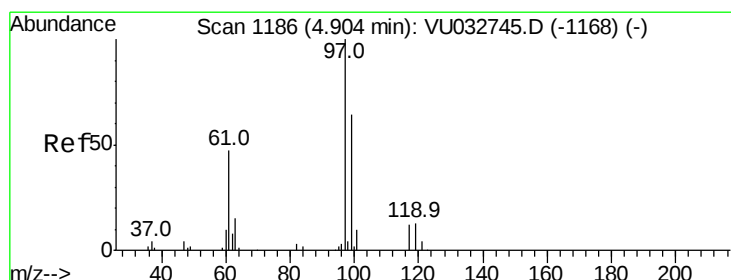
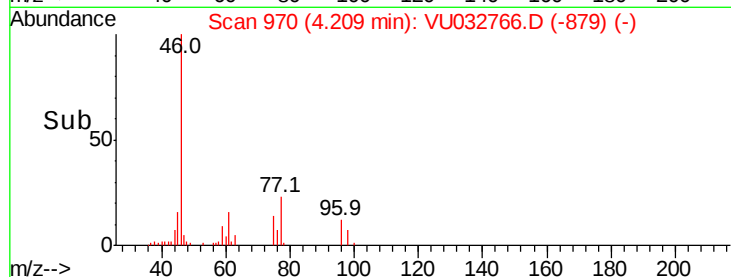
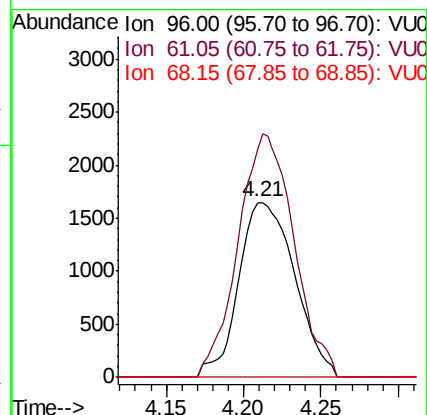
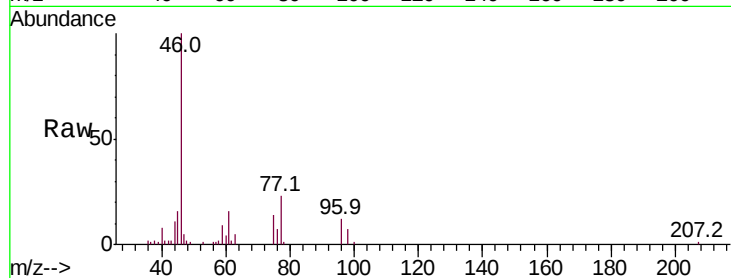


#22

cis-1,2-Dichloroethene
 Concen: 0.568 ug/L
 RT: 4.21 min Scan# 970
 Delta R.T. -0.01 min
 Lab File: VU032766.D
 Acq: 15 Jun 2019 10:07

Instrument :
 MSVOA_U
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 COM65

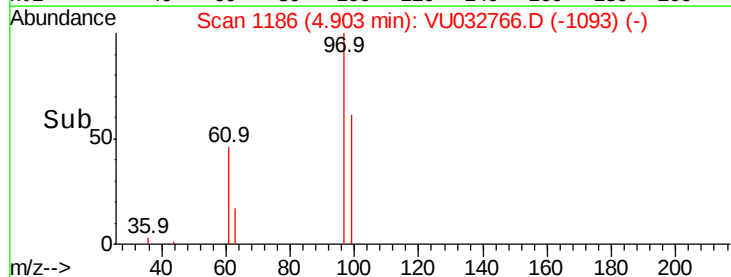
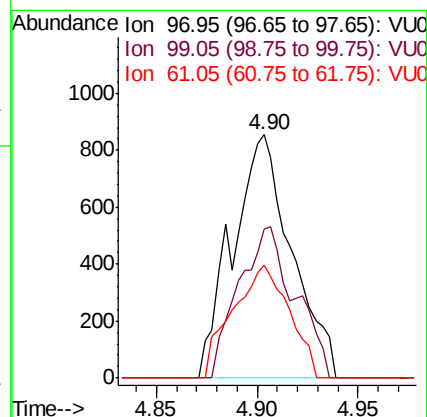
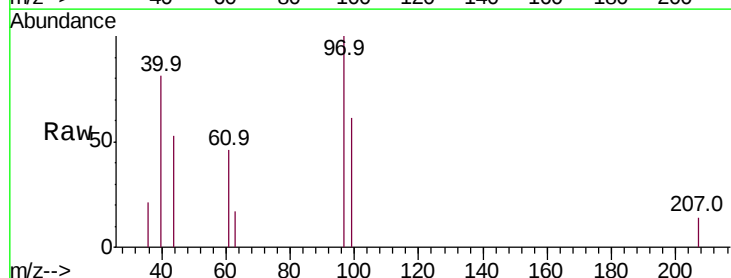
Tot Ion: 96 Resp: 4158
 Ion Ratio Lower Upper
 96 100
 61 130.1 86.6 160.8
 68 0.0 0.0 0.0

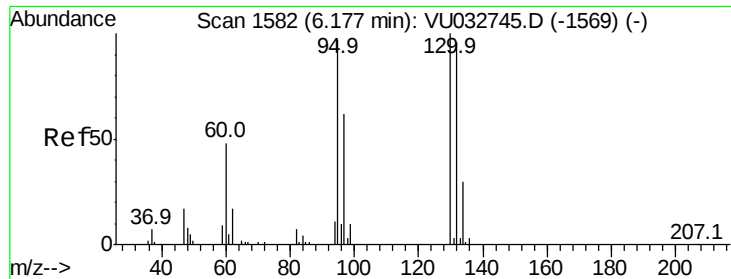


#29

1,1,1-Trichloroethane
 Concen: 0.160 ug/L
 RT: 4.90 min Scan# 1186
 Delta R.T. -0.00 min
 Lab File: VU032766.D
 Acq: 15 Jun 2019 10:07

Tgt Ion: 97 Resp: 1745
 Ion Ratio Lower Upper
 97 100
 99 59.1 51.8 77.6
 61 44.3 34.7 52.1





#34

Trichloroethene

Concen: 22.098 ug/L

RT: 6.18 min Scan# 1582

Delta R.T. -0.00 min

Lab File: VU032766.D

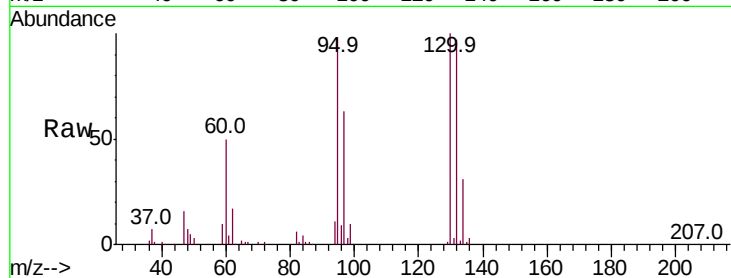
Acq: 15 Jun 2019 10:07

Instrument :

MSVOA_U

ClientSampleId :

COM65



Tot Ion: 95 Resp: 168084

Ion Ratio Lower Upper

95 100

97 64.2 44.1 81.9

132 98.8 68.8 127.8

130 102.0 71.0 131.8

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

