

Data File : VU030319.D
Acq On : 22 Mar 2019 19:28
Operator : JC/SP
Sample : K1988-13ME
Misc : 6.07g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF0C4ME

Quant Time: Mar 23 04:40:11 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031919WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Mar 23 04:35:39 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	535720	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	539819	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	277597	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	128872	35.58	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	71.16%
7) Chloroethane-d5	1.64	69	65590	22.64	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	45.28%#
11) 1,1-Dichloroethene-d2	2.23	63	189530	28.68	ug/L	-0.05
Spiked Amount	50.000	Range	60 - 125	Recovery	=	57.36%#
21) 2-Butanone-d5	4.19	46	249306	92.77	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.77%
24) Chloroform-d	4.64	84	276930	41.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.32%
26) 1,2-Dichloroethane-d4	5.30	65	168514	44.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.88%
32) Benzene-d6	5.33	84	592043	41.62	ug/L	-0.01
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.24%
36) 1,2-Dichloropropane-d6	6.32	67	193635	43.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	87.98%
41) Toluene-d8	7.56	98	530915	39.69	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	79.38%#
43) trans-1,3-Dichloropropene-	7.85	79	84599	39.47	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.94%
47) 2-Hexanone-d5	8.32	63	228804	100.24	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.24%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	336214	49.80	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.60%
64) 1,2-Dichlorobenzene-d4	11.86	152	248291	44.55	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.10%

Target Compounds

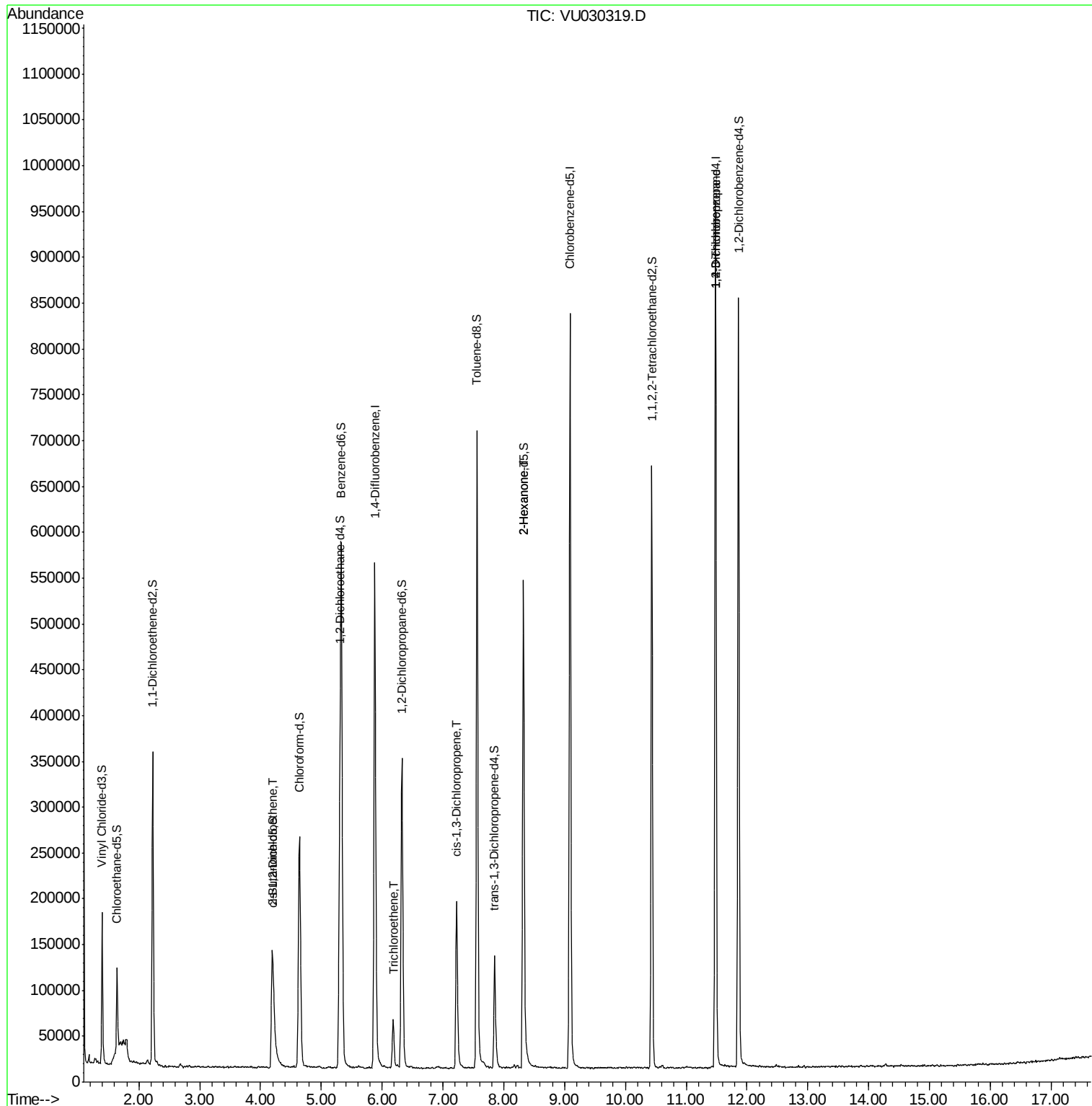
					Qvalue
20) cis-1,2-Dichloroethene	4.21	96	7622	1.847 ug/L	91
34) Trichloroethene	6.18	95	20674	5.036 ug/L	96
39) cis-1,3-Dichloropropene	7.22	75	4679	0.731 ug/L #	58
48) 2-Hexanone	8.32	43	21953	4.825 ug/L #	67
59) 1,2,3-Trichloropropane	11.49	75	27914	5.178 ug/L	96

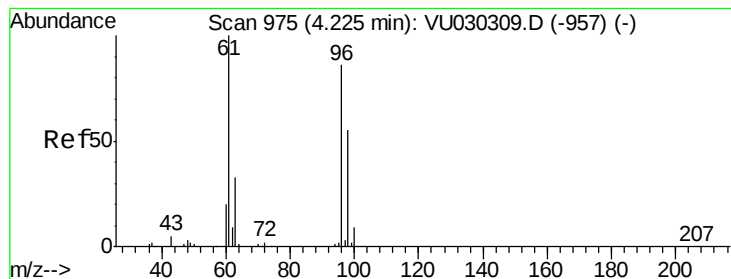
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#20

cis-1,2-Dichloroethene

Concen: 1.847 ug/L

RT: 4.21 min Scan# 970

Delta R.T. -0.02 min

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MSVOA_U

ClientSampleId :

BF0C4ME

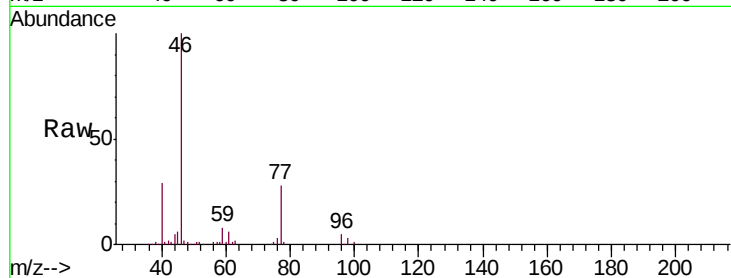
Tgt Ion: 96 Resp: 7622

Ion Ratio Lower Upper

96 100

61 106.5 81.5 151.3

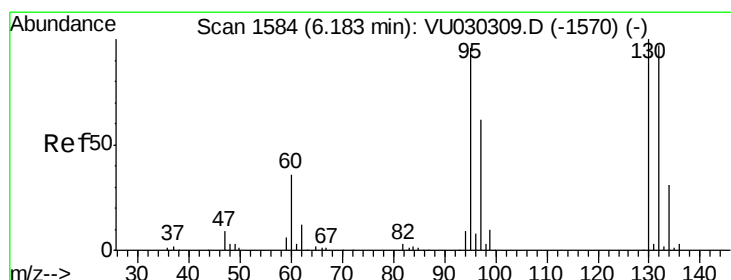
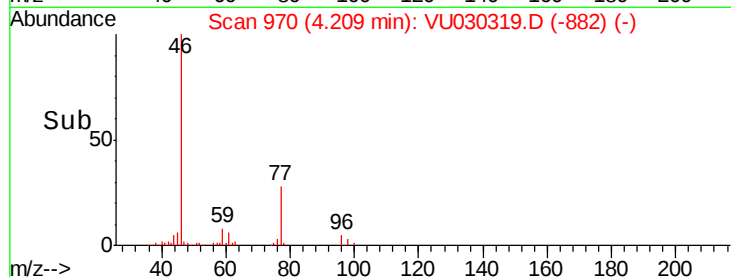
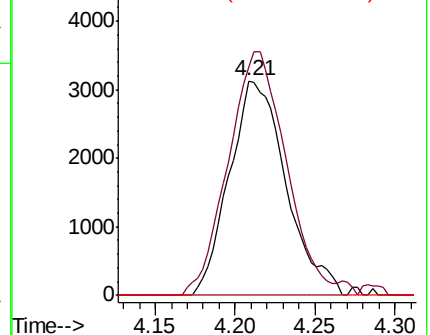
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU030319.D (-957) (-)

Ion 61.00 (60.70 to 61.70): VU030319.D (-957) (-)

Ion 68.00 (67.70 to 68.70): VU030319.D (-957) (-)



#34

Trichloroethene

Concen: 5.036 ug/L

RT: 6.18 min Scan# 1584

Delta R.T. -0.00 min

Lab File: VU030319.D

Acq: 22 Mar 2019 19:28

Tgt Ion: 95 Resp: 20674

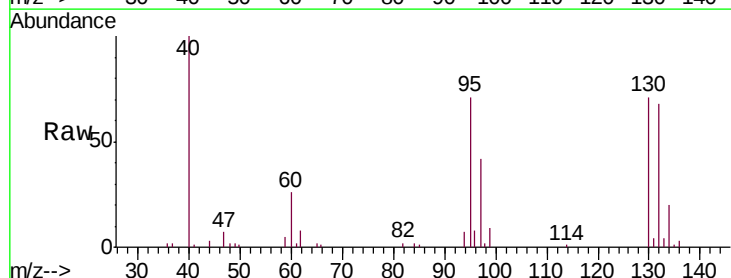
Ion Ratio Lower Upper

95 100

97 60.2 46.2 85.8

132 96.5 69.3 128.7

130 100.6 73.6 136.6

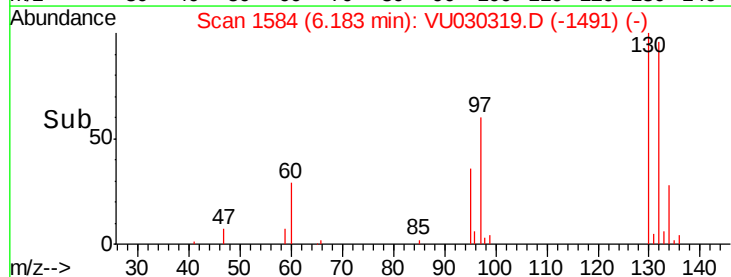
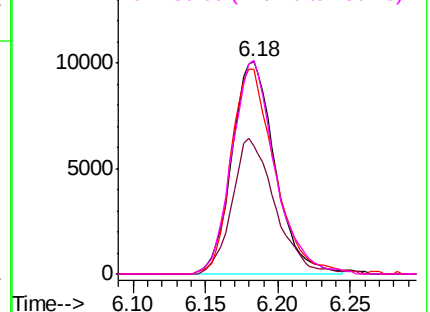


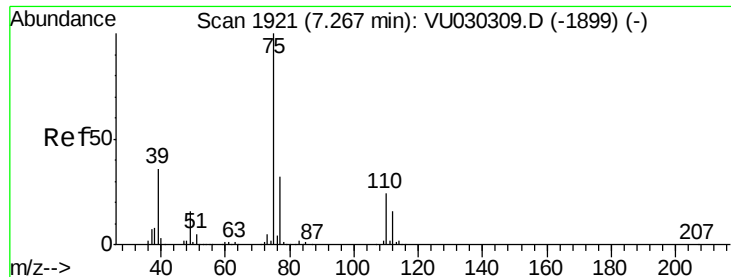
Abundance Ion 95.00 (94.70 to 95.70): VU030319.D (-1570) (-)

Ion 97.00 (96.70 to 97.70): VU030319.D (-1570) (-)

Ion 132.00 (131.70 to 132.70): VU030319.D (-1570) (-)

Ion 130.00 (129.70 to 130.70): VU030319.D (-1570) (-)





#39

cis-1,3-Dichloropropene

Concen: 0.731 ug/L

RT: 7.22 min Scan# 1908

Delta R.T. -0.04 min

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Instrument :

MSVOA_U

ClientSampleId :

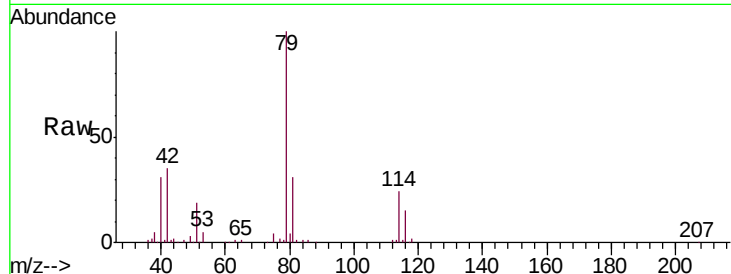
BF0C4ME

Tgt Ion: 75 Resp: 4679

Ion Ratio Lower Upper

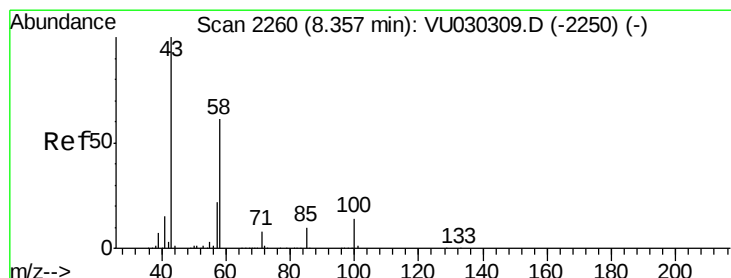
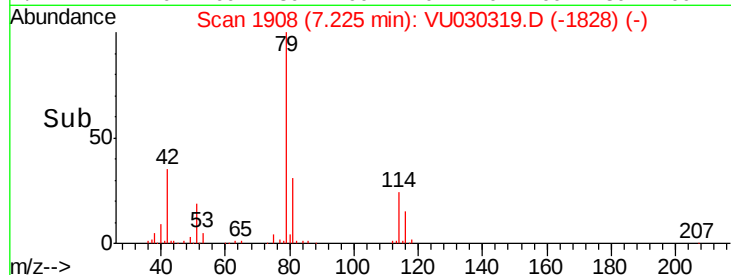
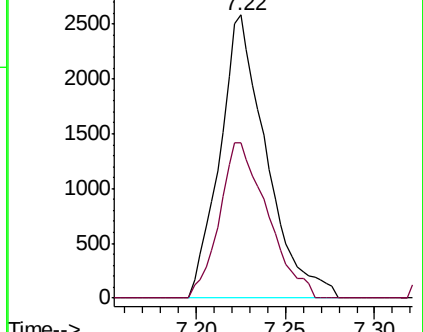
75 100

77 55.1 22.1 41.1#



Abundance Ion 75.00 (74.70 to 75.70): VU030319.D (-1899) (-)

Ion 77.00 (76.70 to 77.70): VU030319.D (-1899) (-)



#48

2-Hexanone

Concen: 4.825 ug/L

RT: 8.32 min Scan# 2250

Delta R.T. -0.03 min

Lab File: VU030319.D

Acq: 22 Mar 2019 19:28

Tgt Ion: 43 Resp: 21953

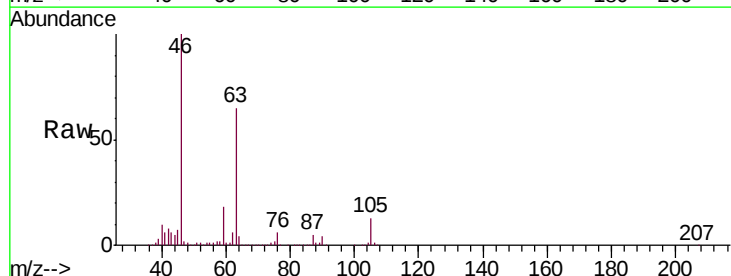
Ion Ratio Lower Upper

43 100

58 32.1 49.3 73.9#

57 28.7 17.0 25.4#

100 0.5 11.0 16.4#

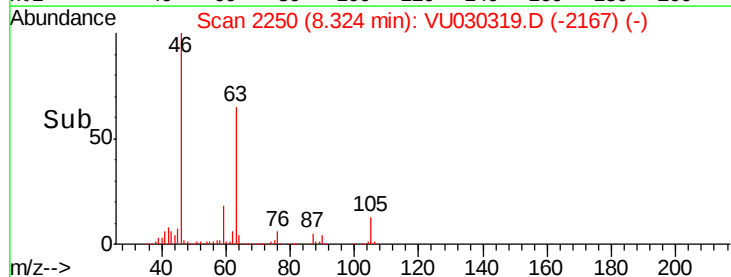
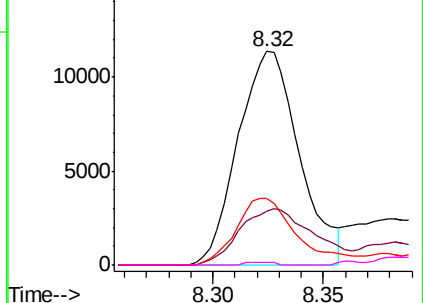


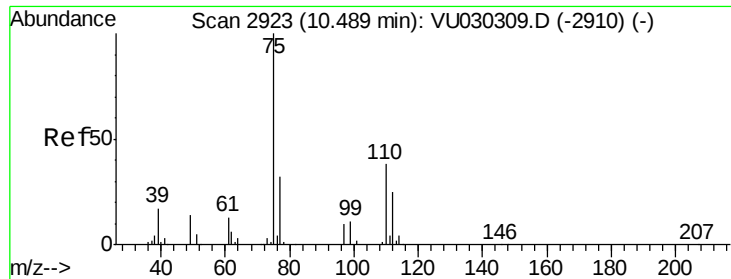
Abundance Ion 43.00 (42.70 to 43.70): VU030319.D (-2250) (-)

Ion 58.00 (57.70 to 58.70): VU030319.D (-2250) (-)

Ion 57.00 (56.70 to 57.70): VU030319.D (-2250) (-)

Ion 100.00 (99.70 to 100.70): VU030319.D (-2250) (-)





#59

1,2,3-Trichloropropane

Concen: 5.178 ug/L

RT: 11.49 min Scan# 3233

Delta R.T. 1.00 min

Lab File: VU030319.D

Acq: 22 Mar 2019 19:28

Instrument :

MSVOA_U

ClientSampleId :

BF0C4ME

Tgt Ion: 75 Resp: 27914

Ion Ratio Lower Upper

75 100

77 34.8 25.8 38.8

