

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU050219\
 Data File : VU031726.D
 Acq On : 02 May 2019 20:46
 Operator : JC/SP
 Sample : K2661-14 50X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0B34

Quant Time: May 03 08:46:07 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri May 03 07:25:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	923369	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	864391	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	359094	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	395527	51.18	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	102.36%
7) Chloroethane-d5	1.68	69	292881	49.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.08%
11) 1,1-Dichloroethene-d2	2.27	63	558759	36.31	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.62%
21) 2-Butanone-d5	4.18	46	688123	98.28	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.28%
24) Chloroform-d	4.64	84	615883	43.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.04%
26) 1,2-Dichloroethane-d4	5.31	65	407690	44.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.18%
32) Benzene-d6	5.34	84	1295288	48.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.60%
36) 1,2-Dichloropropane-d6	6.32	67	444710	47.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.24%
41) Toluene-d8	7.56	98	1123289	48.59	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.18%
43) trans-1,3-Dichloropropene-	7.85	79	177244	44.22	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.44%
47) 2-Hexanone-d5	8.31	63	449317	111.16	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	111.16%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	551455	44.00	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.00%
64) 1,2-Dichlorobenzene-d4	11.86	152	353626	46.83	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.66%

Target Compounds

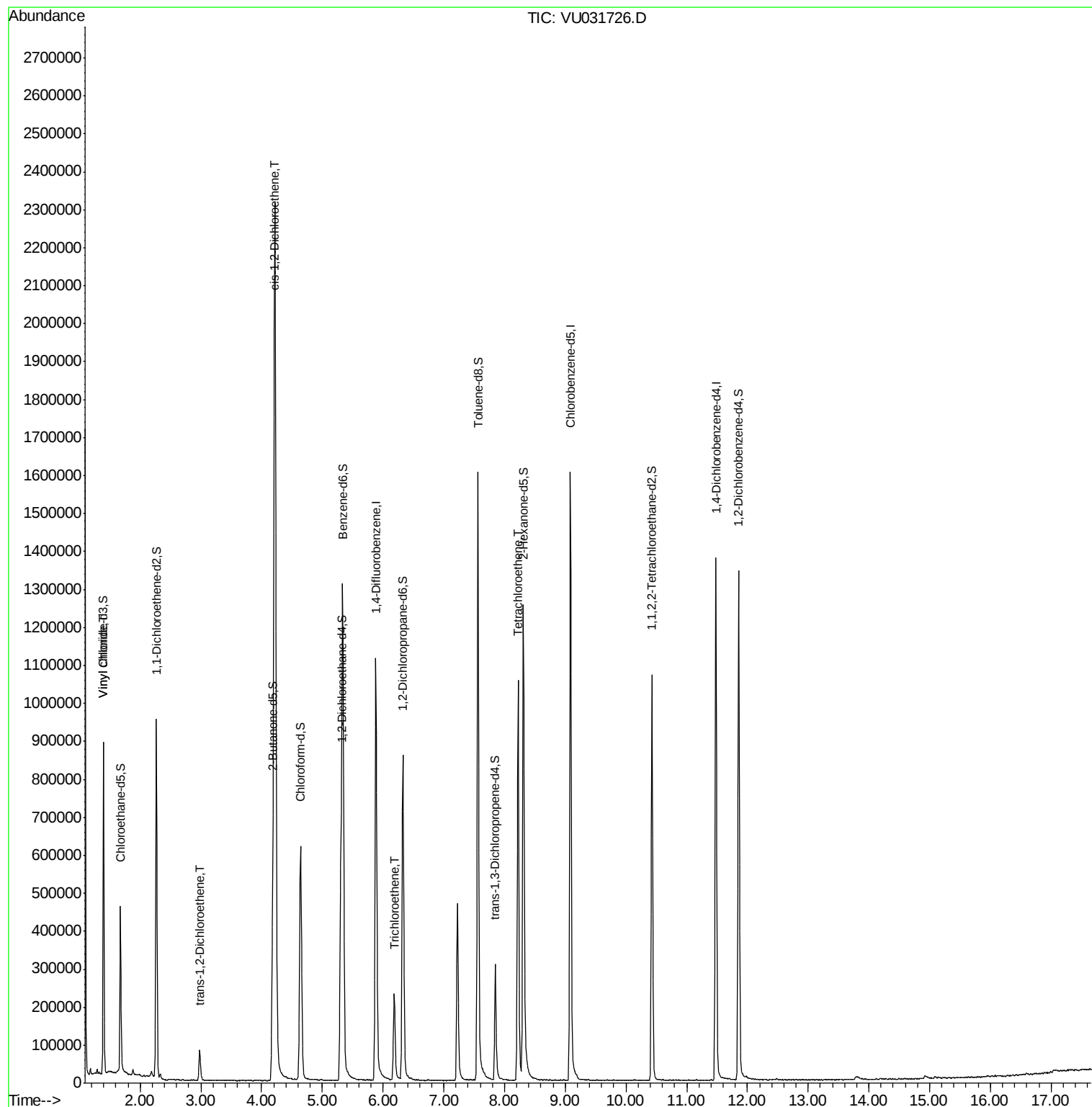
					Ovalue
5) Vinyl chloride	1.40	62	233349	20.317 ug/L	98
17) trans-1,2-Dichloroethene	2.98	96	31261	4.164 ug/L	99
20) cis-1,2-Dichloroethene	4.22	96	1218309	151.299 ug/L	97
34) Trichloroethene	6.18	95	86037	11.168 ug/L	95
46) Tetrachloroethene	8.22	164	241504	45.985 ug/L	98

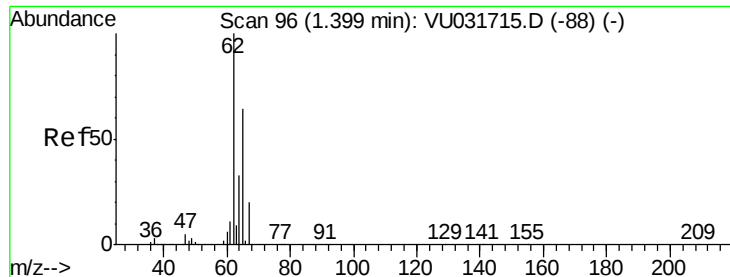
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#5

Vinyl chloride

Concen: 20.317 ug/L

RT: 1.40 min Scan# 96

Delta R.T. -0.00 min

Lab File: VU031726.D

Acq: 02 May 2019 20:46

Instrument :

MSVOA_U

ClientSampleId :

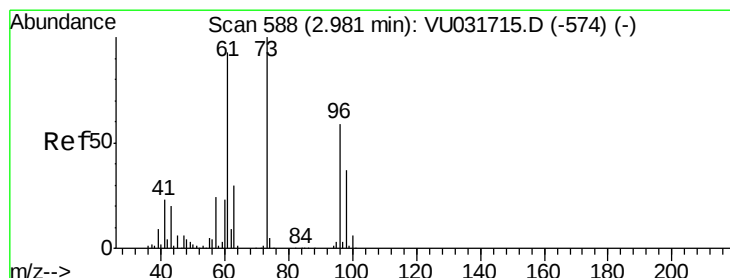
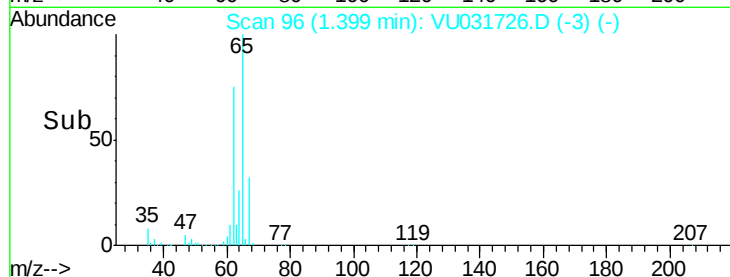
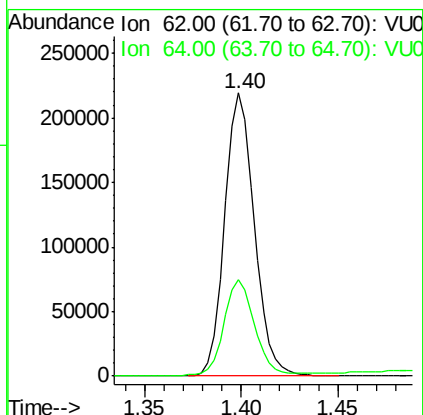
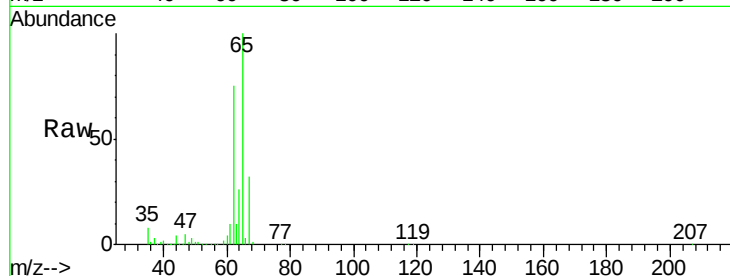
C0B34

Tot Ion: 62 Resp: 233349

Ion Ratio Lower Upper

62 100

64 34.0 23.1 42.9



#17

trans-1,2-Dichloroethene

Concen: 4.164 ug/L

RT: 2.98 min Scan# 588

Delta R.T. -0.00 min

Lab File: VU031726.D

Acq: 02 May 2019 20:46

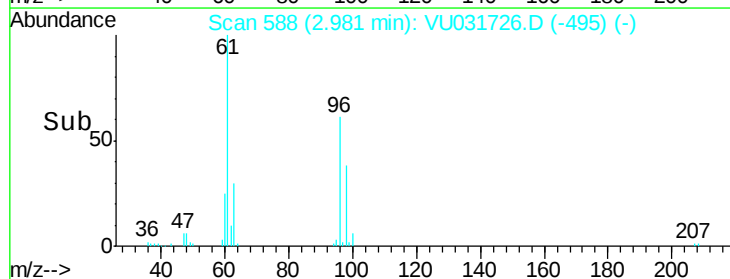
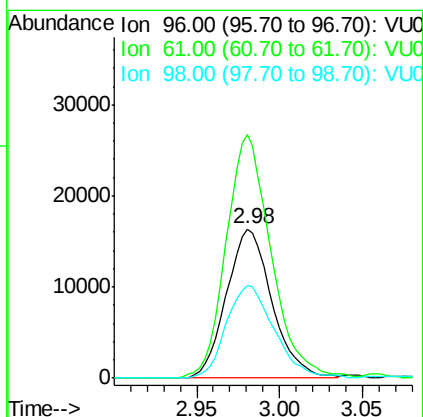
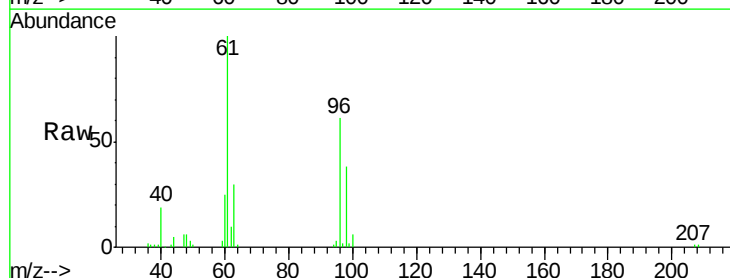
Tgt Ion: 96 Resp: 31261

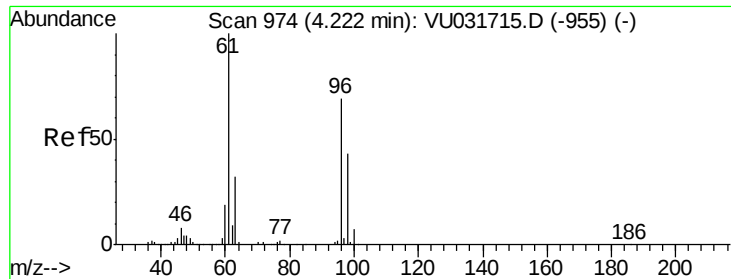
Ion Ratio Lower Upper

96 100

61 163.2 114.5 212.7

98 61.8 45.4 84.2



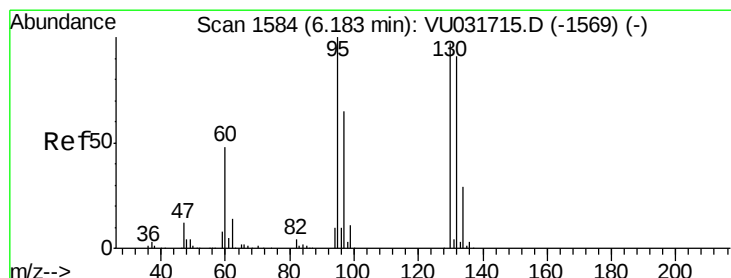
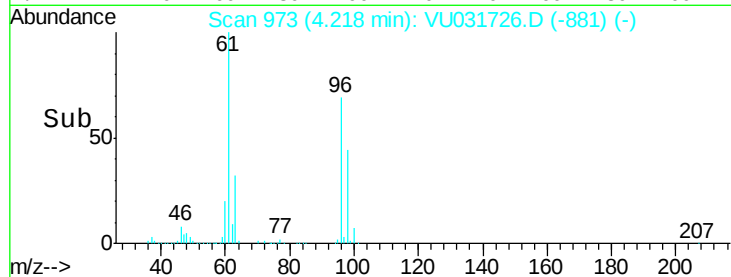
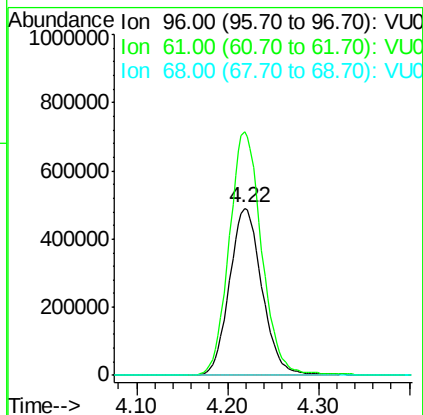
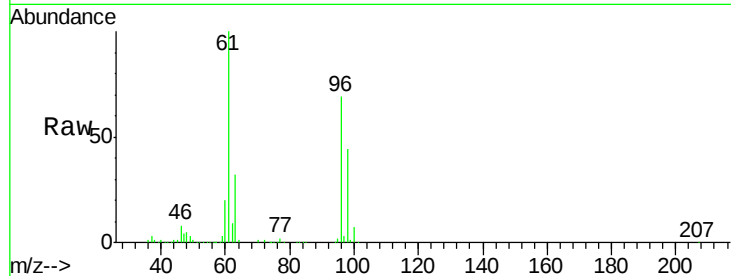


#20

cis-1,2-Dichloroethene
Concen: 151.299 ug/L
RT: 4.22 min Scan# 973
Delta R.T. -0.00 min
Lab File: VU031726.D
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Instrument :
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C0B34

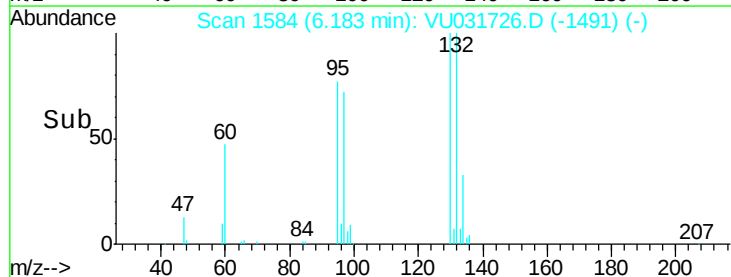
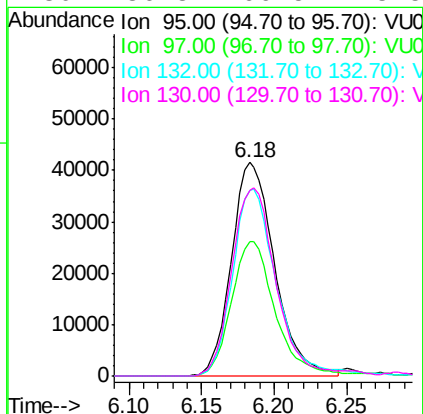
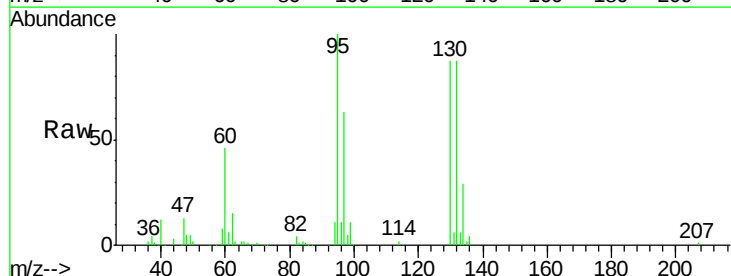
Tot Ion: 96 Resp: 1218309
Ion Ratio Lower Upper
96 100
61 145.9 99.5 184.7
68 0.0 0.0 0.0

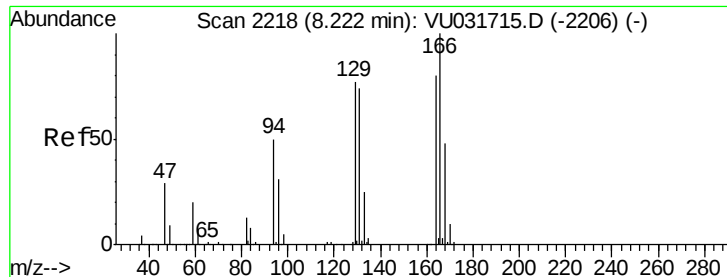


#34

Trichloroethene
Concen: 11.168 ug/L
RT: 6.18 min Scan# 1584
Delta R.T. -0.00 min
Lab File: VU031726.D
Acq: 02 May 2019 20:46

Tgt Ion: 95 Resp: 86037
Ion Ratio Lower Upper
95 100
97 62.8 44.8 83.2
132 87.2 63.1 117.1
130 86.8 66.5 123.5





#46

Tetrachloroethene

Concen: 45.985 ug/L

RT: 8.22 min Scan# 2219

Delta R.T. 0.00 min

Lab File: VU031726.D

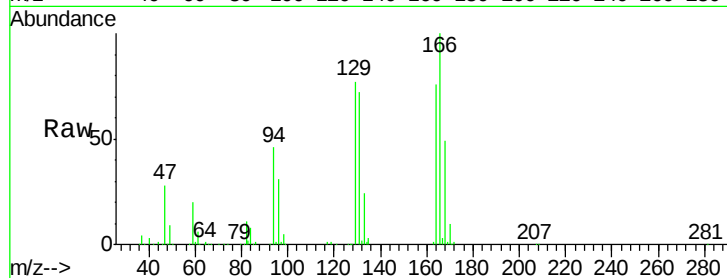
Acq: 02 May 2019 20:46

Instrument :

MSVOA_U

ClientSampleId :

C0B34



Tot Ion:164 Resp: 241504

Ion Ratio Lower Upper

164 100

129 100.9 71.5 132.9

131 94.9 69.0 128.2

166 131.7 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

