

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U090819\
 Data File : VU034411.D
 Acq On : 08 Sep 2019 04:17
 Operator : JC/SP
 Sample : K4703-15
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFD98

Quant Time: Sep 09 06:38:51 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR090119WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sun Sep 08 03:44:03 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.87	114	264957	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	277348	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	122474	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	74302	4.16	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.20%
7) Chloroethane-d5	1.68	69	69624	4.87	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.40%
11) 1,1-Dichloroethene-d2	2.26	63	111938	3.35	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.00%
20) 2-Butanone-d5	4.17	46	219929	53.35	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.70%
24) Chloroform-d	4.63	84	158542	5.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.60%
26) 1,2-Dichloroethane-d4	5.29	65	81190	5.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.40%
32) Benzene-d6	5.32	84	326175	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.40%
36) 1,2-Dichloropropane-d6	6.31	67	108848	4.85	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.00%
41) Toluene-d8	7.55	98	272989	4.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.60%
43) trans-1,3-Dichloropropene-	7.83	79	33040	4.13	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.60%
46) 2-Hexanone-d5	8.30	63	154748	44.71	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.42%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	88263	5.29	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.80%
64) 1,2-Dichlorobenzene-d4	11.84	152	112844	5.36	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.20%

Target Compounds

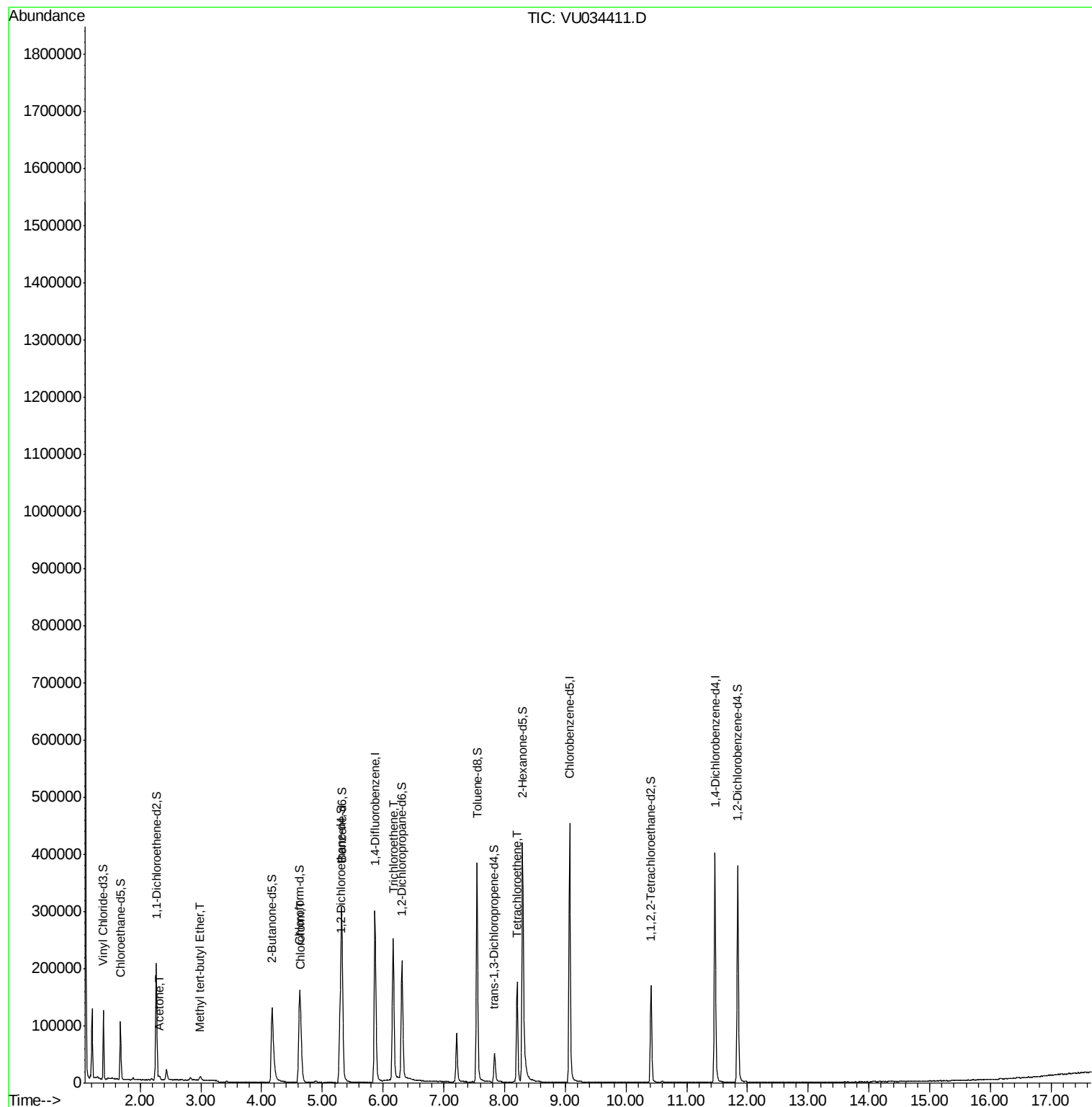
					Ovalue
13) Acetone	2.31	43	5967	2.162 ug/L	97
17) Methyl tert-butyl Ether	2.99	73	6226	0.152 ug/L #	90
25) Chloroform	4.65	83	42959	1.201 ug/L	95
34) Trichloroethene	6.16	95	90801	4.200 ug/L	98
47) Tetrachloroethene	8.21	164	44195	2.487 ug/L	95

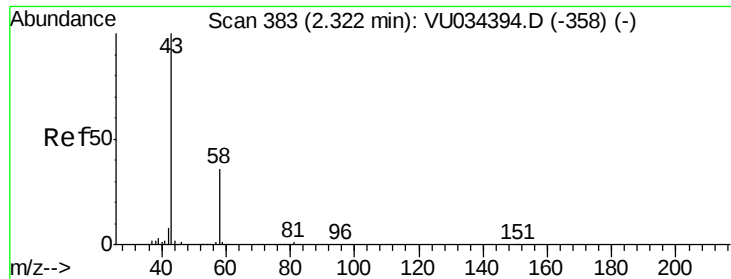
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.162 ug/L

RT: 2.31 min Scan# 380

Delta R.T. -0.01 min

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ClientSampleId :

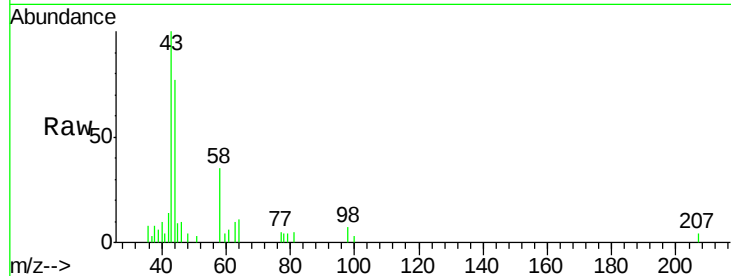
BFD98

Tot Ion: 43 Resp: 5967

Ion Ratio Lower Upper

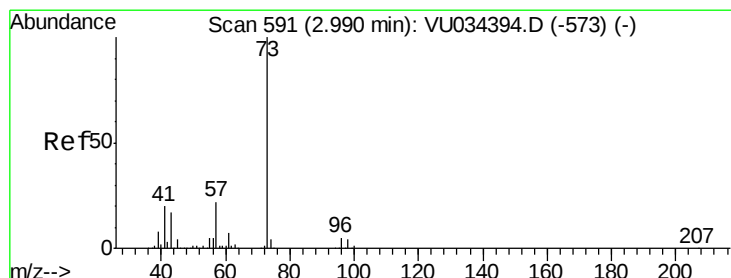
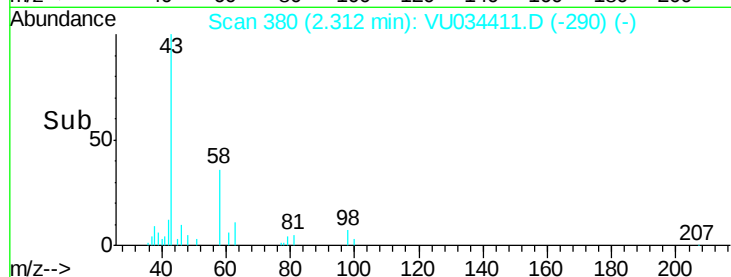
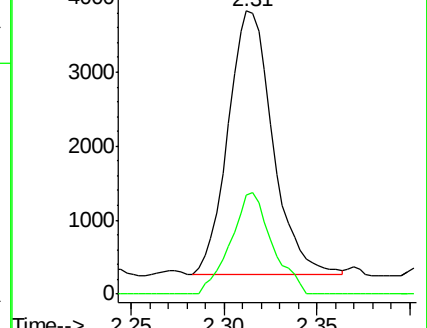
43 100

58 35.6 0.0 67.6



Abundance Ion 43.05 (42.75 to 43.75): VU034411.D (-290) (-)

Ion 58.05 (57.75 to 58.75): VU034411.D (-290) (-)



#17

Methyl tert-butyl Ether

Concen: 0.152 ug/L

RT: 2.99 min Scan# 590

Delta R.T. -0.00 min

Lab File: VU034411.D

Acq: 08 Sep 2019 04:17

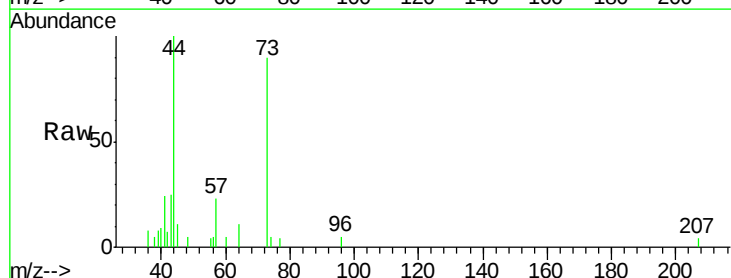
Tgt Ion: 73 Resp: 6226

Ion Ratio Lower Upper

73 100

43 28.2 14.7 22.1#

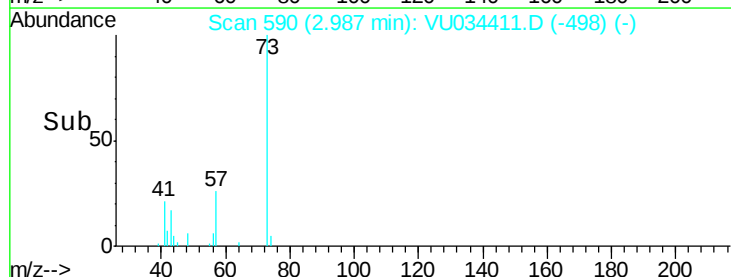
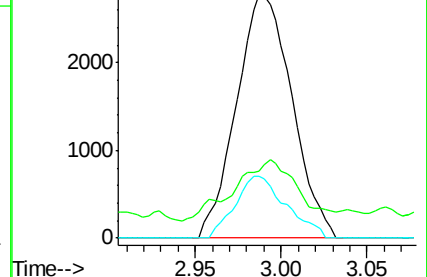
57 23.3 18.6 27.8

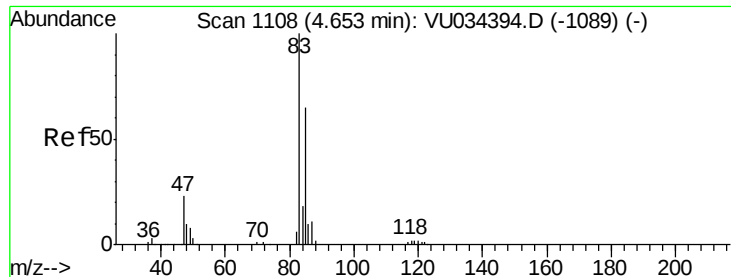


Abundance Ion 73.10 (72.80 to 73.80): VU034411.D (-498) (-)

Ion 43.05 (42.75 to 43.75): VU034411.D (-498) (-)

Ion 57.10 (56.80 to 57.80): VU034411.D (-498) (-)





#25

Chloroform

Concen: 1.201 ug/L

RT: 4.65 min Scan# 1108

Delta R.T. -0.00 min

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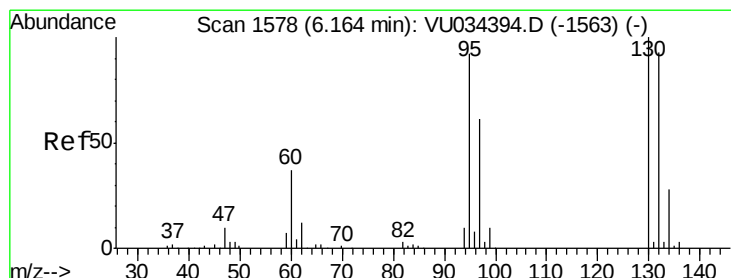
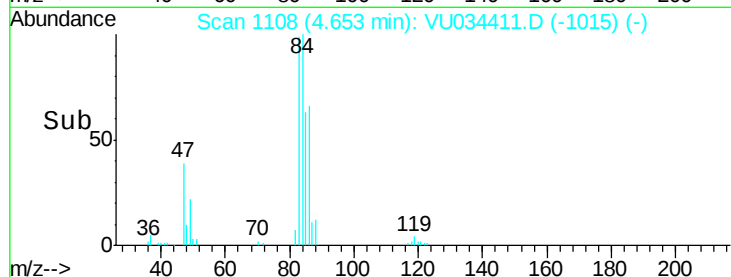
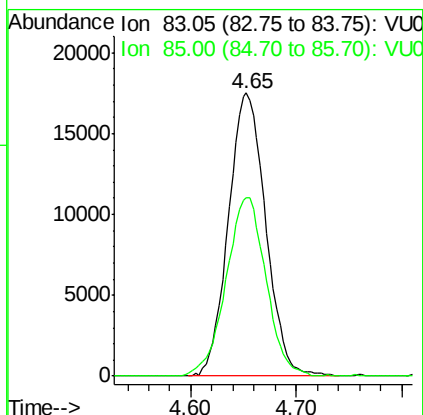
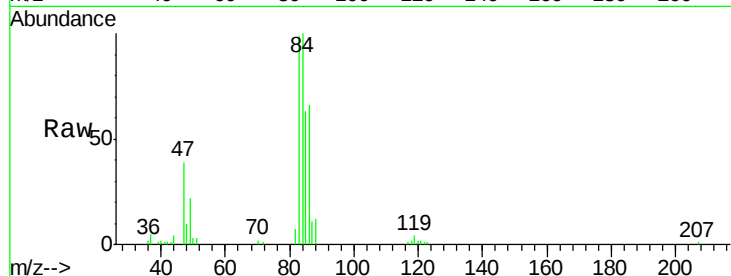
BFD98

Tot Ion: 83 Resp: 42959

Ion Ratio Lower Upper

83 100

85 63.2 46.8 86.8



#34

Trichloroethene

Concen: 4.200 ug/L

RT: 6.16 min Scan# 1578

Delta R.T. -0.00 min

Lab File: VU034411.D

Acq: 08 Sep 2019 04:17

Tgt Ion: 95 Resp: 90801

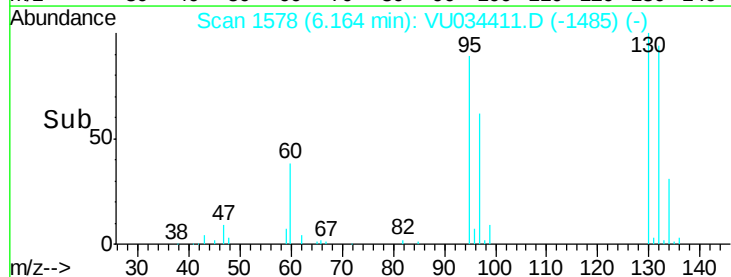
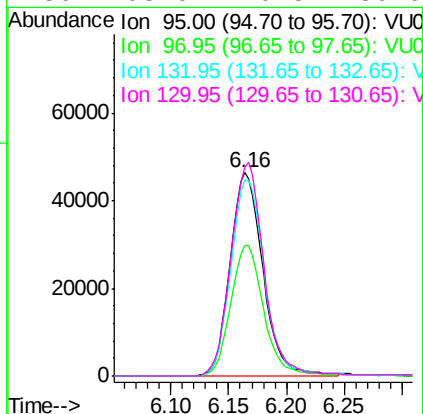
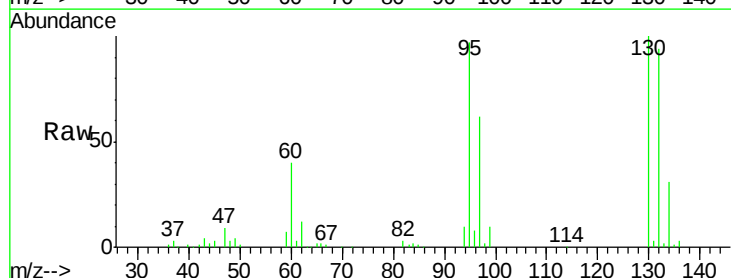
Ion Ratio Lower Upper

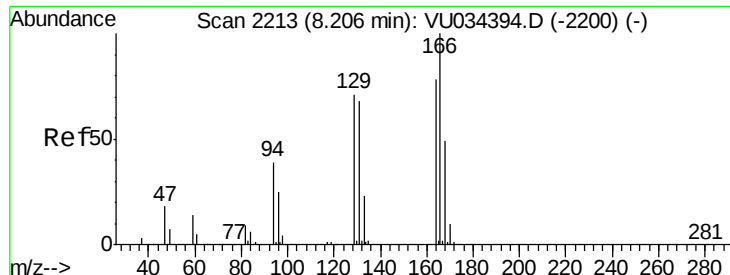
95 100

97 64.1 43.3 80.5

132 96.6 68.6 127.4

130 103.0 70.5 130.9





#47

Tetrachloroethene

Concen: 2.487 ug/L

RT: 8.21 min Scan# 2214

Delta R.T. 0.00 min

Lab File: VU034411.D

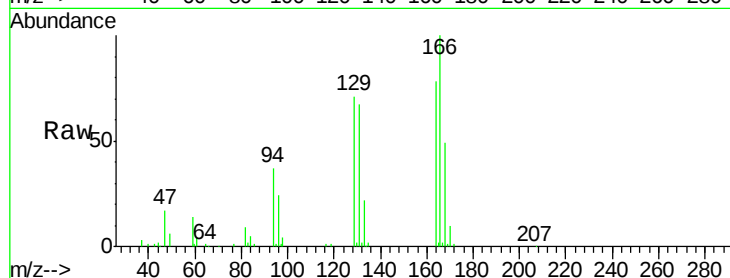
Acq: 08 Sep 2019 04:17

Instrument :

MSVOA_U

ClientSampleId :

BFD98



Tot Ion:164 Resp: 44195

Ion Ratio Lower Upper

164 100

129 90.5 68.0 126.2

131 85.6 64.6 120.0

166 128.3 92.0 170.8

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

