

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111220\
 Data File : VW017195.D
 Acq On : 12 Nov 2020 19:16
 Operator : SY/VA
 Sample : VIBLK07
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VIBLK07

Quant Time: Nov 13 04:21:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Nov 13 04:11:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	425476	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	389629	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	192849	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	104699	19.54	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.16%
7) Chloroethane-d5	2.89	69	91066	22.05	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.20%
10) 1,1-Dichloroethene-d2	4.02	63	157289	16.41	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	65.64%
20) 2-Butanone-d5	7.07	46	55069	45.95	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.90%
24) Chloroform-d	7.65	84	247954	24.96	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.84%
26) 1,2-Dichloroethane-d4	8.31	65	127678	25.86	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	103.44%
29) Benzene-d6	8.27	84	465430	23.46	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.84%
33) 1,2-Dichloropropane-d6	9.27	67	129649	23.62	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.48%
37) Toluene-d8	10.33	98	443531	23.71	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.84%
38) trans-1,3-Dichloropropene-	10.58	79	56834	22.97	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.88%
39) 2-Hexanone-d5	10.93	63	43911	45.85	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.70%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	112219	23.47	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	93.88%
61) 1,2-Dichlorobenzene-d4	13.85	152	179647	26.44	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	105.76%

Target Compounds

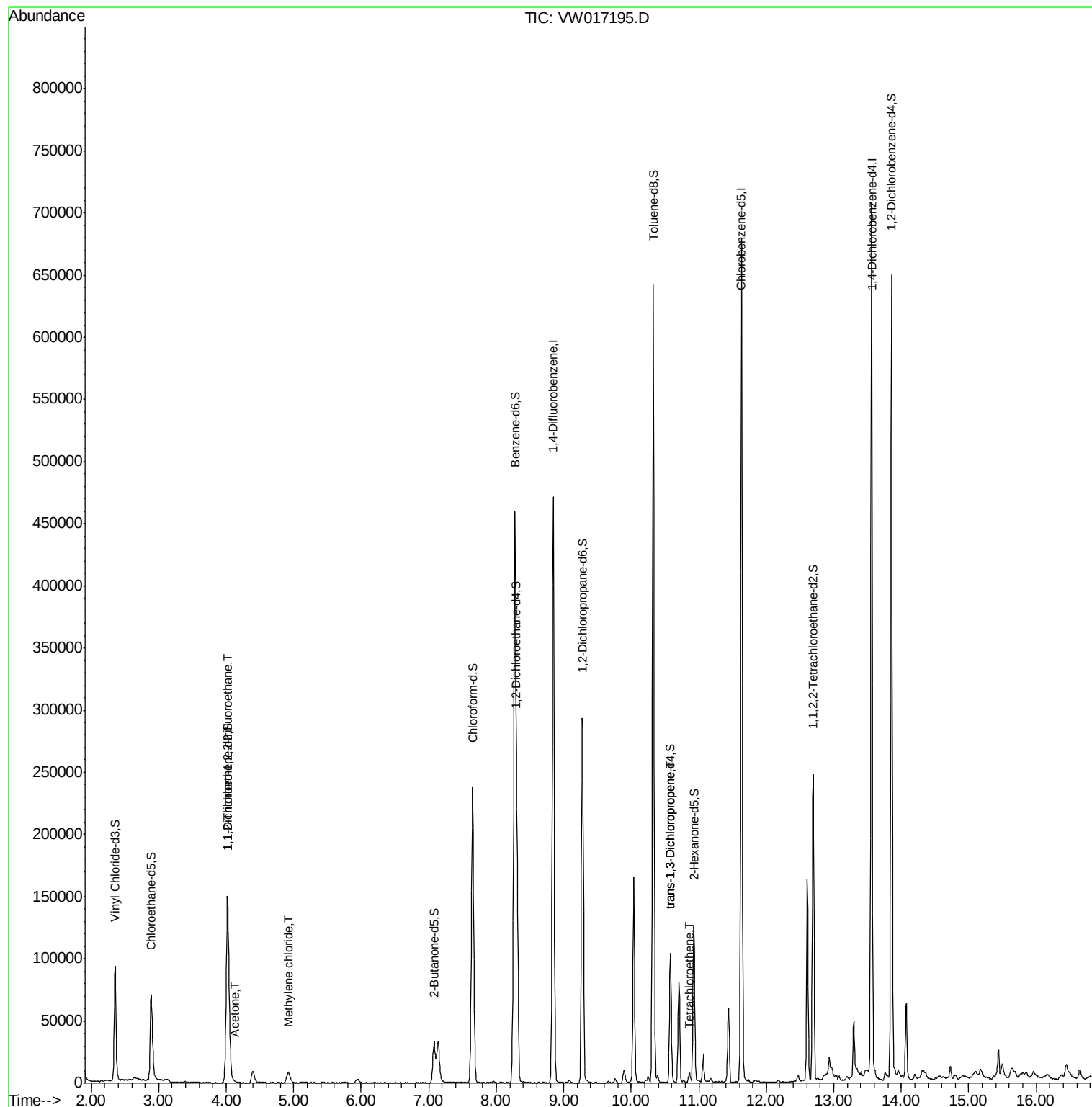
					Ovalue
11) 1,1,2-Trichloro-1,2,2-trif	4.01	101	1576	0.287 ug/L	# 22
13) Acetone	4.14	43	924	1.151 ug/L	78
16) Methylene chloride	4.92	84	8064	1.406 ug/L	96
45) trans-1,3-Dichloropropene	10.58	75	3137	0.482 ug/L	85
47) Tetrachloroethene	10.87	164	1666	0.322 ug/L	79

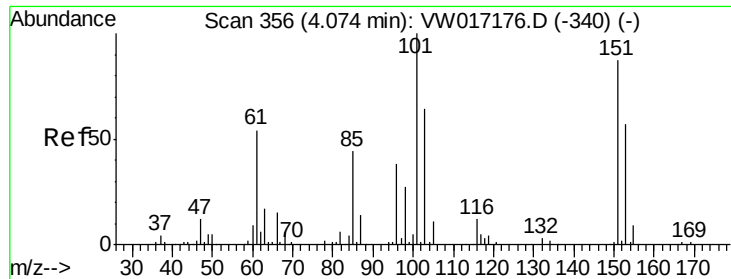
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#11

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.287 ug/L

RT: 4.01 min Scan# 346

Delta R.T. -0.06 min

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VIBLK07

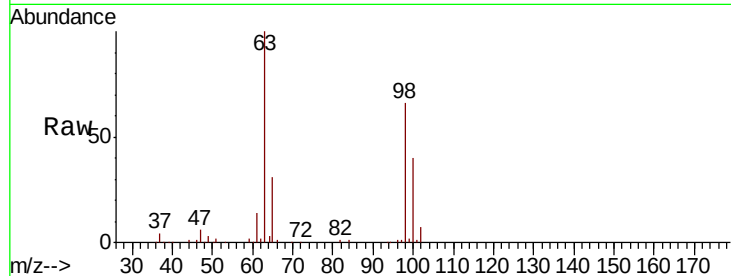
Tot Ion:101 Resp: 1576

Ion Ratio Lower Upper

101 100

85 0.0 32.8 49.2#

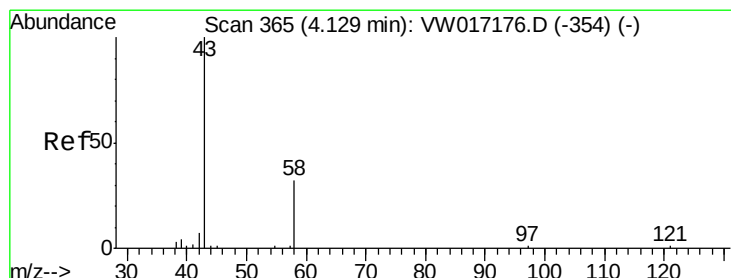
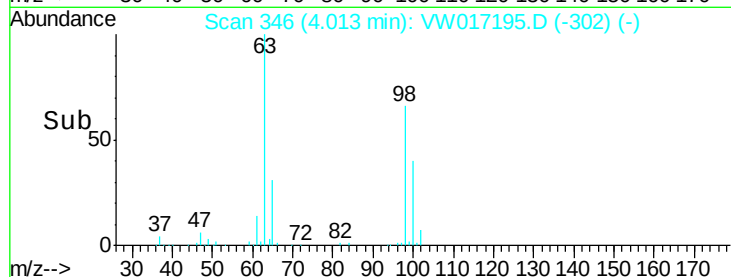
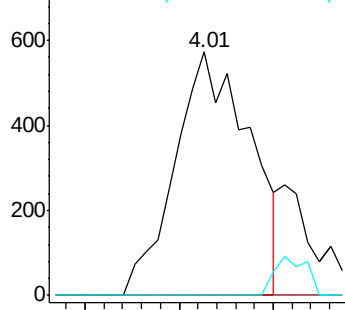
151 6.8 65.4 98.2#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VW

Ion 151.00 (150.70 to 151.70): V



#13

Acetone

Concen: 1.151 ug/L

RT: 4.14 min Scan# 366

Delta R.T. 0.01 min

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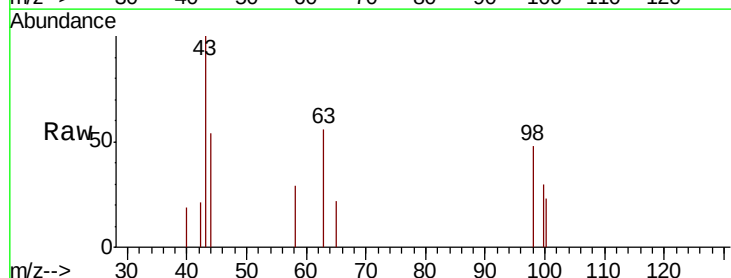
Acq: 12 Nov 2020 19:16

Tgt Ion: 43 Resp: 924

Ion Ratio Lower Upper

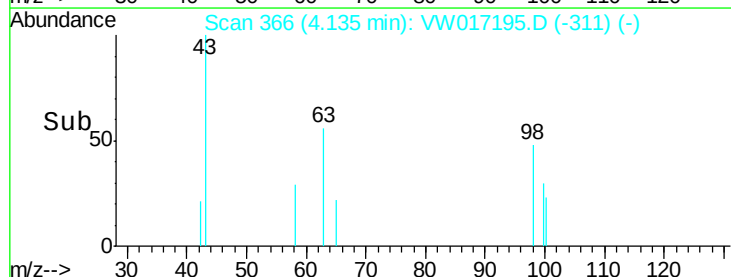
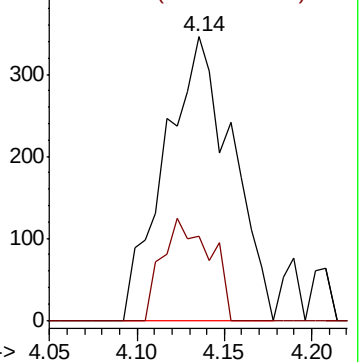
43 100

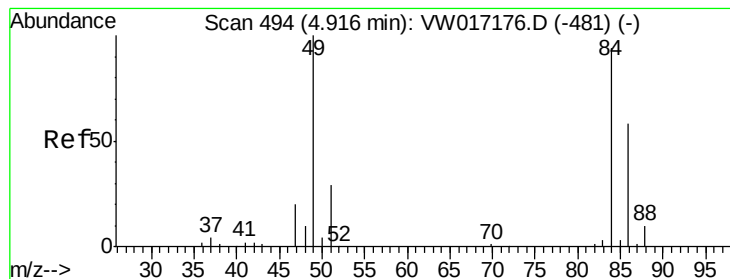
58 21.9 0.0 69.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#16

Methylene chloride

Concen: 1.406 ug/L

RT: 4.92 min Scan# 494

Delta R.T. -0.00 min

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Instrument :

MSVOA_W

ClientSampled :

VIBLK07

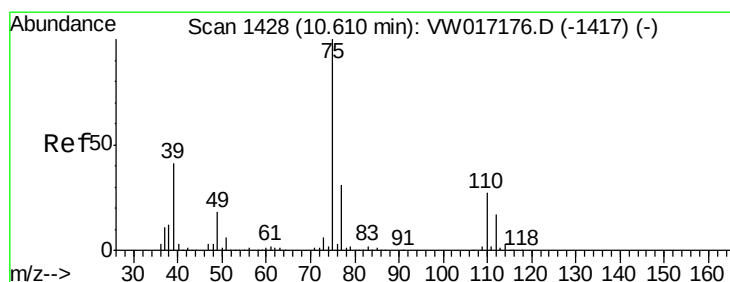
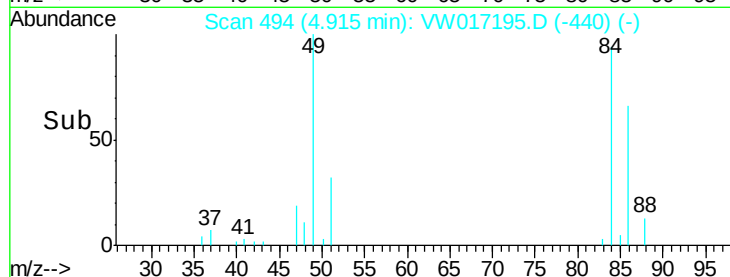
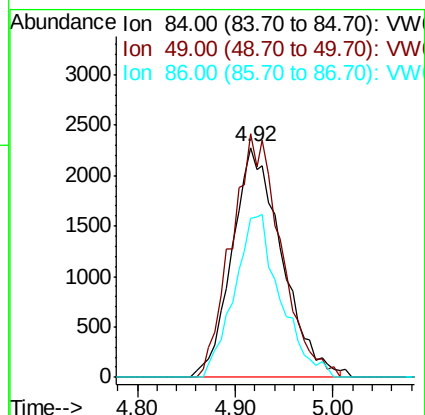
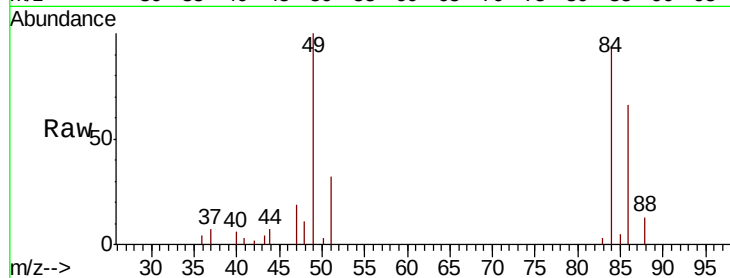
Tot Ion: 84 Resp: 8064

Ion Ratio Lower Upper

84 100

49 105.9 72.3 134.3

86 69.5 45.1 83.7



#45

trans-1,3-Dichloropropene

Concen: 0.482 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.03 min

Lab File: VW017195.D

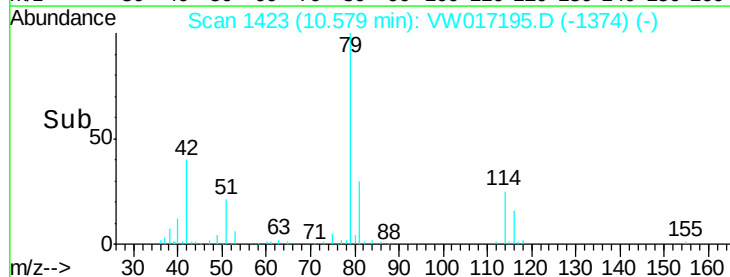
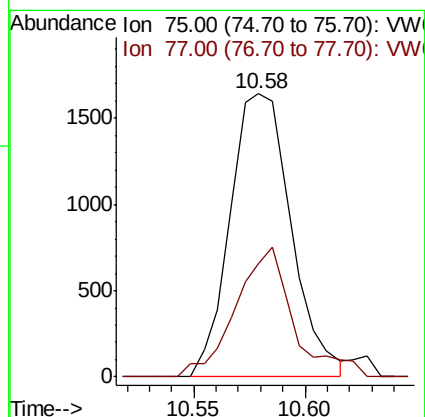
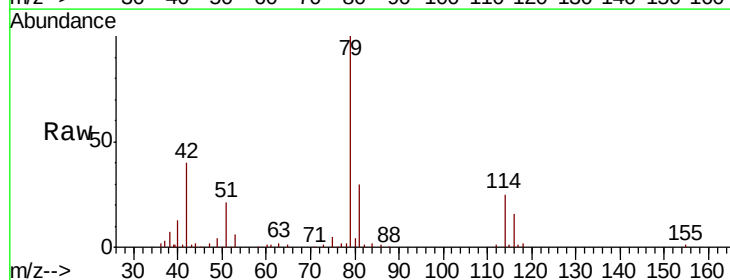
Acq: 12 Nov 2020 19:16

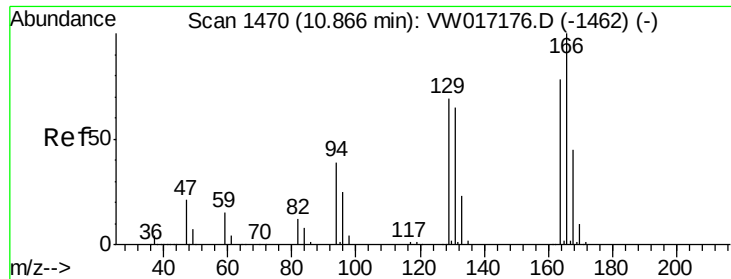
Tgt Ion: 75 Resp: 3137

Ion Ratio Lower Upper

75 100

77 40.1 22.1 41.1





#47

Tetrachloroethene

Concen: 0.322 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. -0.00 min

Lab File: VW017195.D

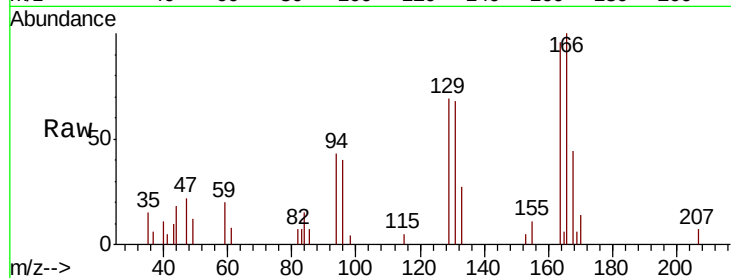
Acq: 12 Nov 2020 19:16

Instrument :

MSVOA_W

ClientSampleId :

VIBLK07



Tot Ion:164 Resp: 1666

Ion Ratio Lower Upper

164 100

129 71.9 62.9 116.7

131 71.4 63.3 117.5

166 104.3 92.0 170.8

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

