

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111120\
 Data File : VW017166.D
 Acq On : 11 Nov 2020 16:11
 Operator : SY/VA
 Sample : VIBLK
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VIBLK25

Quant Time: Nov 12 03:16:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Nov 12 03:07:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	392220	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	366459	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	173598	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	132458	26.81	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	107.24%
7) Chloroethane-d5	2.89	69	109910	28.87	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	115.48%
10) 1,1-Dichloroethene-d2	4.03	63	170163	19.26	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	77.04%
20) 2-Butanone-d5	7.09	46	56466	51.11	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.22%
24) Chloroform-d	7.65	84	259752	28.37	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	113.48%
26) 1,2-Dichloroethane-d4	8.31	65	131490	28.89	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	115.56%
29) Benzene-d6	8.27	84	492434	26.39	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	105.56%
33) 1,2-Dichloropropane-d6	9.28	67	140592	27.24	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	108.96%
37) Toluene-d8	10.32	98	461805	26.24	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	104.96%
38) trans-1,3-Dichloropropene-	10.58	79	57011	24.50	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	98.00%
39) 2-Hexanone-d5	10.93	63	46434	51.55	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.10%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	122367	27.21	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	108.84%
61) 1,2-Dichlorobenzene-d4	13.85	152	175075	28.63	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	114.52%

Target Compounds

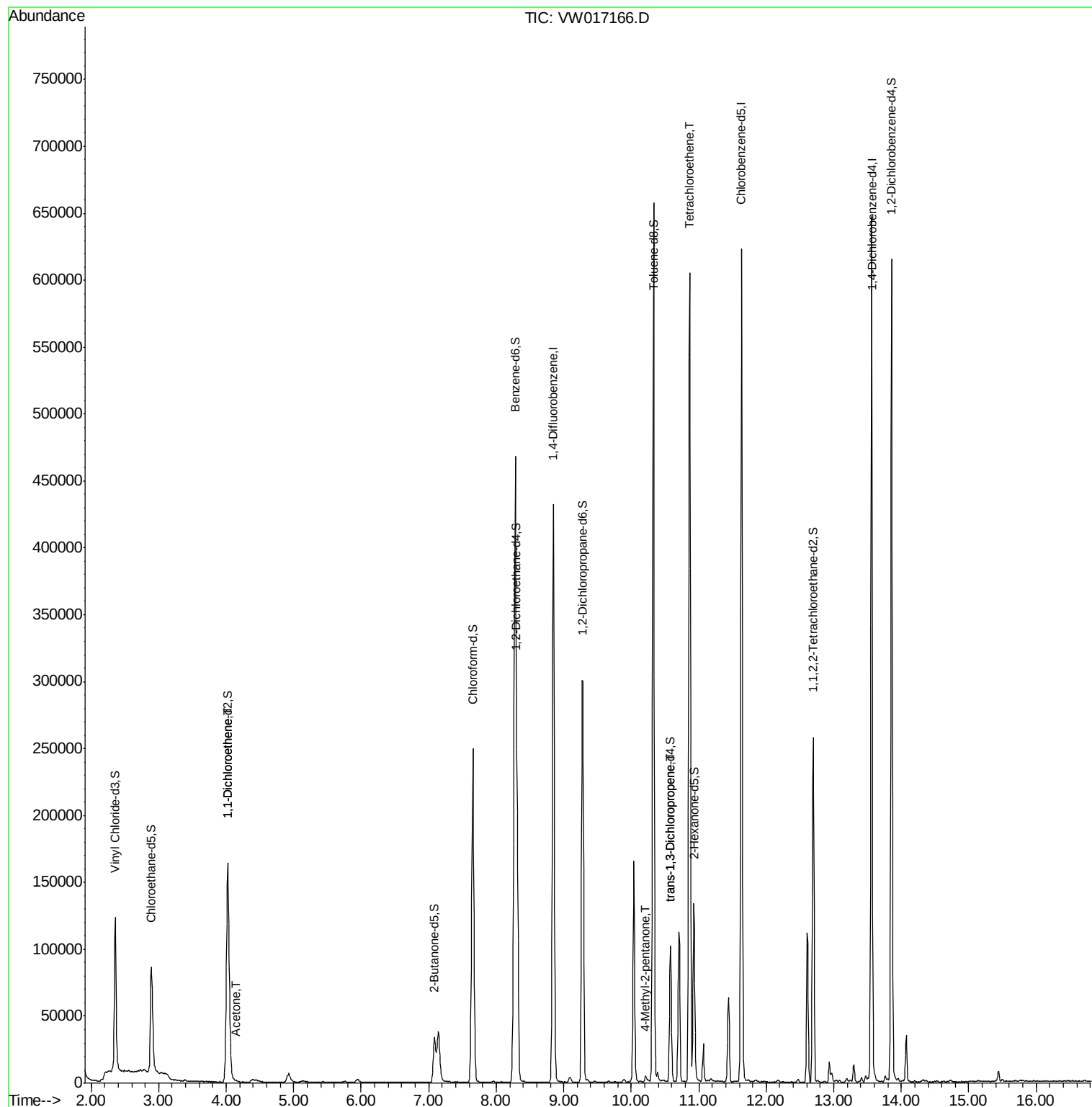
					Ovalue
12) 1,1-Dichloroethene	4.02	96	1697	0.349 ug/L	# 1
13) Acetone	4.14	43	851	1.150 ug/L	98
43) 4-Methyl-2-pentanone	10.21	43	3155	1.137 ug/L	94
45) trans-1,3-Dichloropropene	10.58	75	2901	0.474 ug/L	89
47) Tetrachloroethene	10.87	164	143084	29.421 ug/L	97

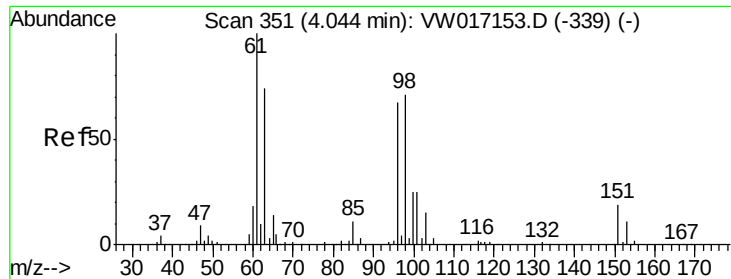
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.349 ug/L

RT: 4.02 min Scan# 347

Delta R.T. -0.02 min

Lab File: VW017166.D

Acq: 11 Nov 2020 16:11

Instrument :

MSVOA_W

ClientSampled :

VIBLK25

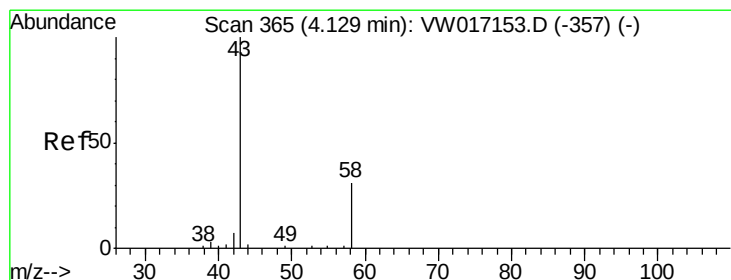
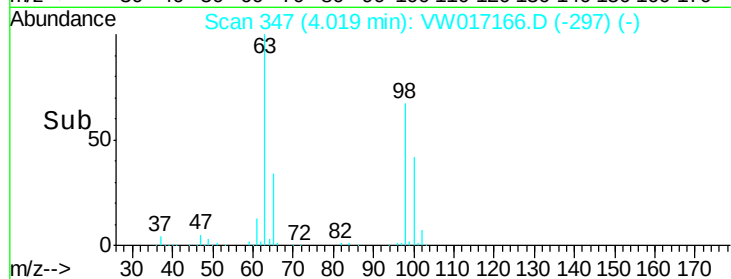
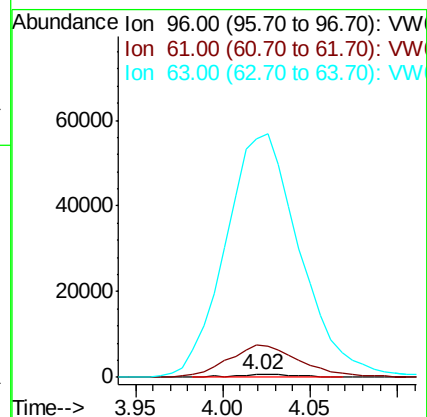
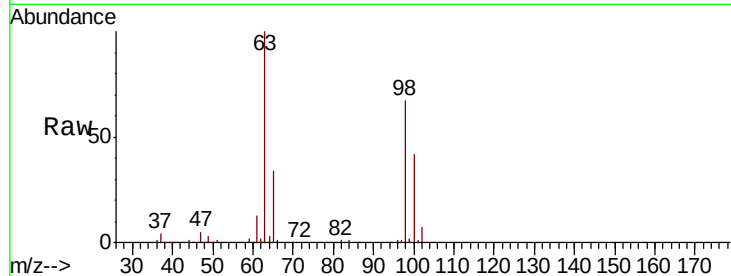
Tot Ion: 96 Resp: 1697

Ion Ratio Lower Upper

96 100

61 1157.5 103.8 192.8#

63 8655.9 84.4 156.7#



#13

Acetone

Concen: 1.150 ug/L

RT: 4.14 min Scan# 367

Delta R.T. 0.01 min

Lab File: VW017166.D

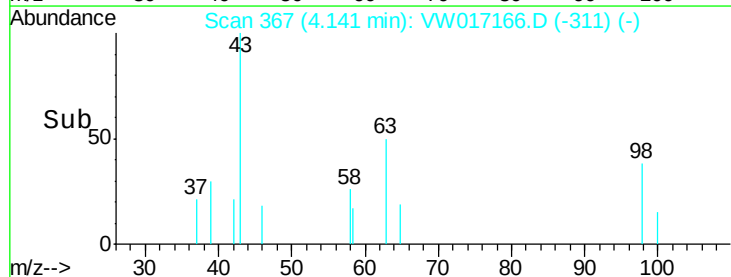
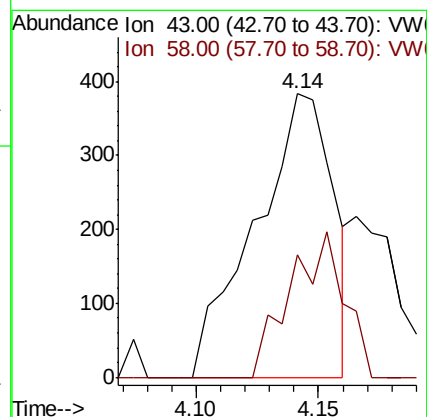
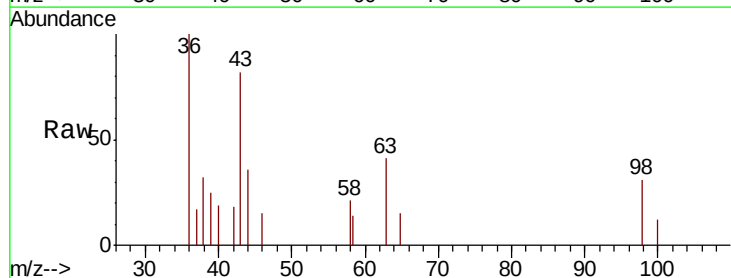
Acq: 11 Nov 2020 16:11

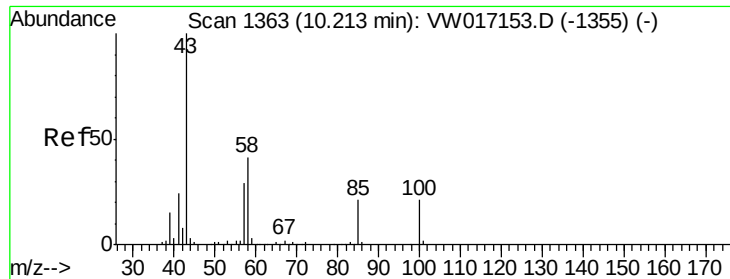
Tgt Ion: 43 Resp: 851

Ion Ratio Lower Upper

43 100

58 35.7 0.0 69.2

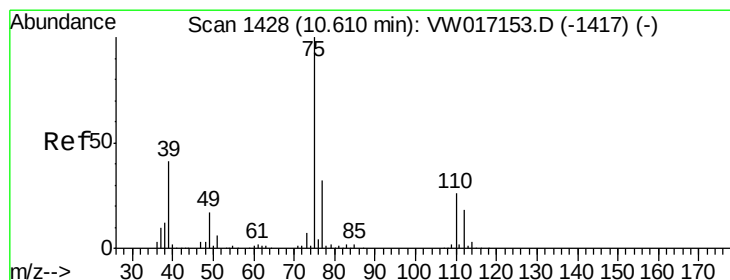
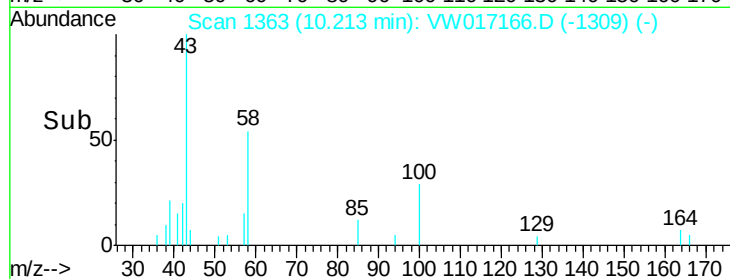
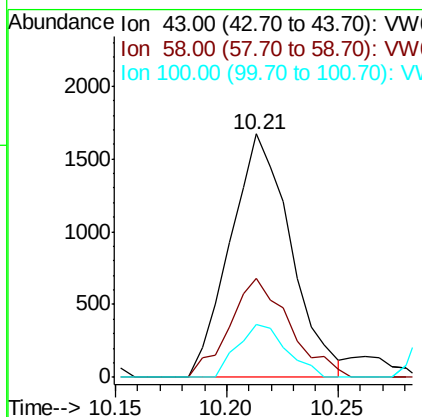
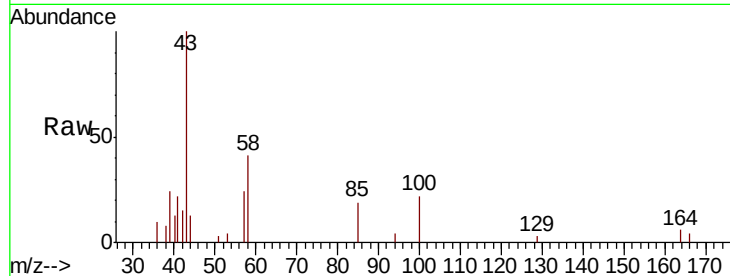




#43
4-Methyl-2-pentanone
Concen: 1.137 ug/L
RT: 10.21 min Scan# 1363
Delta R.T. 0.00 min
Lab File: VW017166.D
Acq: 11 Nov 2020 16:11

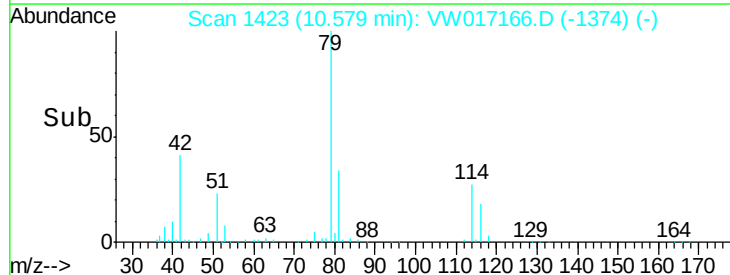
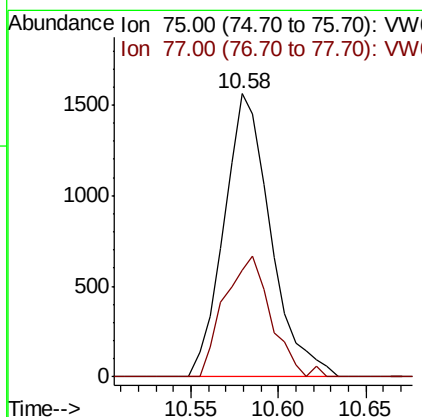
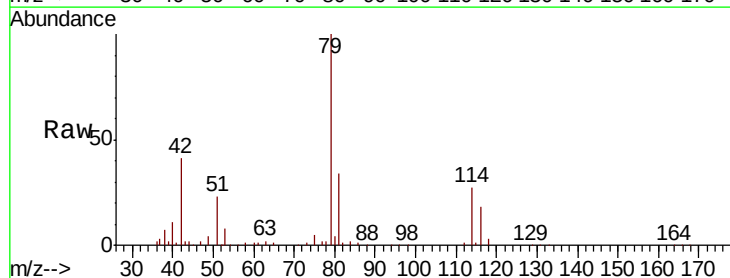
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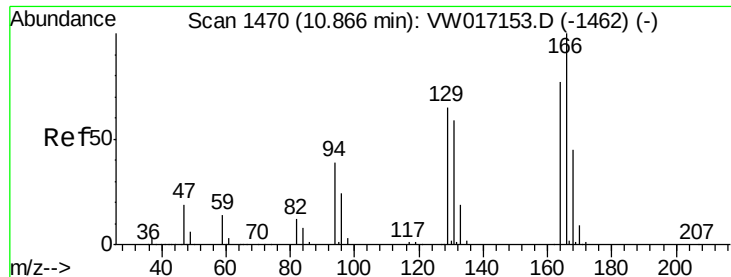
Tot Ion: 43 Resp: 3155
Ion Ratio Lower Upper
43 100
58 40.3 35.0 52.6
100 17.8 16.6 24.8



#45
trans-1,3-Dichloropropene
Concen: 0.474 ug/L
RT: 10.58 min Scan# 1423
Delta R.T. -0.03 min
Lab File: VW017166.D
Acq: 11 Nov 2020 16:11

Tgt Ion: 75 Resp: 2901
Ion Ratio Lower Upper
75 100
77 37.5 22.1 41.1





#47

Tetrachloroethene

Concen: 29.421 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. 0.00 min

Lab File: VW017166.D

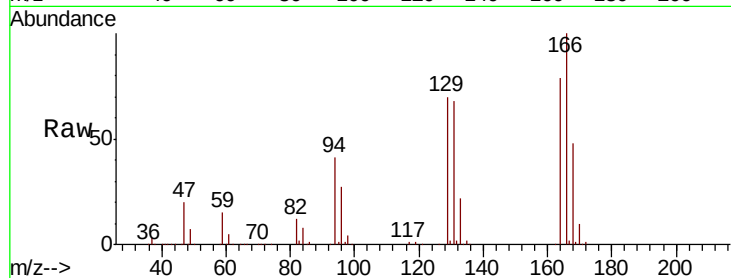
Acq: 11 Nov 2020 16:11

Instrument :

MSVOA_W

ClientSampleId :

VIBLK25



Tot Ion:164 Resp: 143084

Ion Ratio Lower Upper

164 100

129 88.9 62.9 116.7

131 86.6 63.3 117.5

166 126.6 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

