

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV071020\
 Data File : VV017448.D
 Acq On : 10 Jul 2020 18:25
 Operator : SY/MD
 Sample : L3270-06
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F4A07

Quant Time: Jul 11 00:27:03 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM070820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jul 11 00:23:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	265473	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	253775	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	122323	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	55198	39.94	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.88%
7) Chloroethane-d5	1.58	69	42957	44.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.50%
11) 1,1-Dichloroethene-d2	2.12	63	99644	31.84	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.68%
21) 2-Butanone-d5	3.91	46	91323	96.74	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.74%
24) Chloroform-d	4.38	84	147917	46.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.54%
26) 1,2-Dichloroethane-d4	5.06	65	109042	49.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.40%
32) Benzene-d6	5.08	84	257140	46.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.82%
36) 1,2-Dichloropropane-d6	6.09	67	73217	46.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.76%
41) Toluene-d8	7.34	98	241351	45.79	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.58%
43) trans-1,3-Dichloropropene-	7.64	79	42505	46.26	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.52%
47) 2-Hexanone-d5	8.11	63	62640	96.69	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.69%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	101269	45.69	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.38%
64) 1,2-Dichlorobenzene-d4	11.65	152	105540	51.60	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.20%

Target Compounds

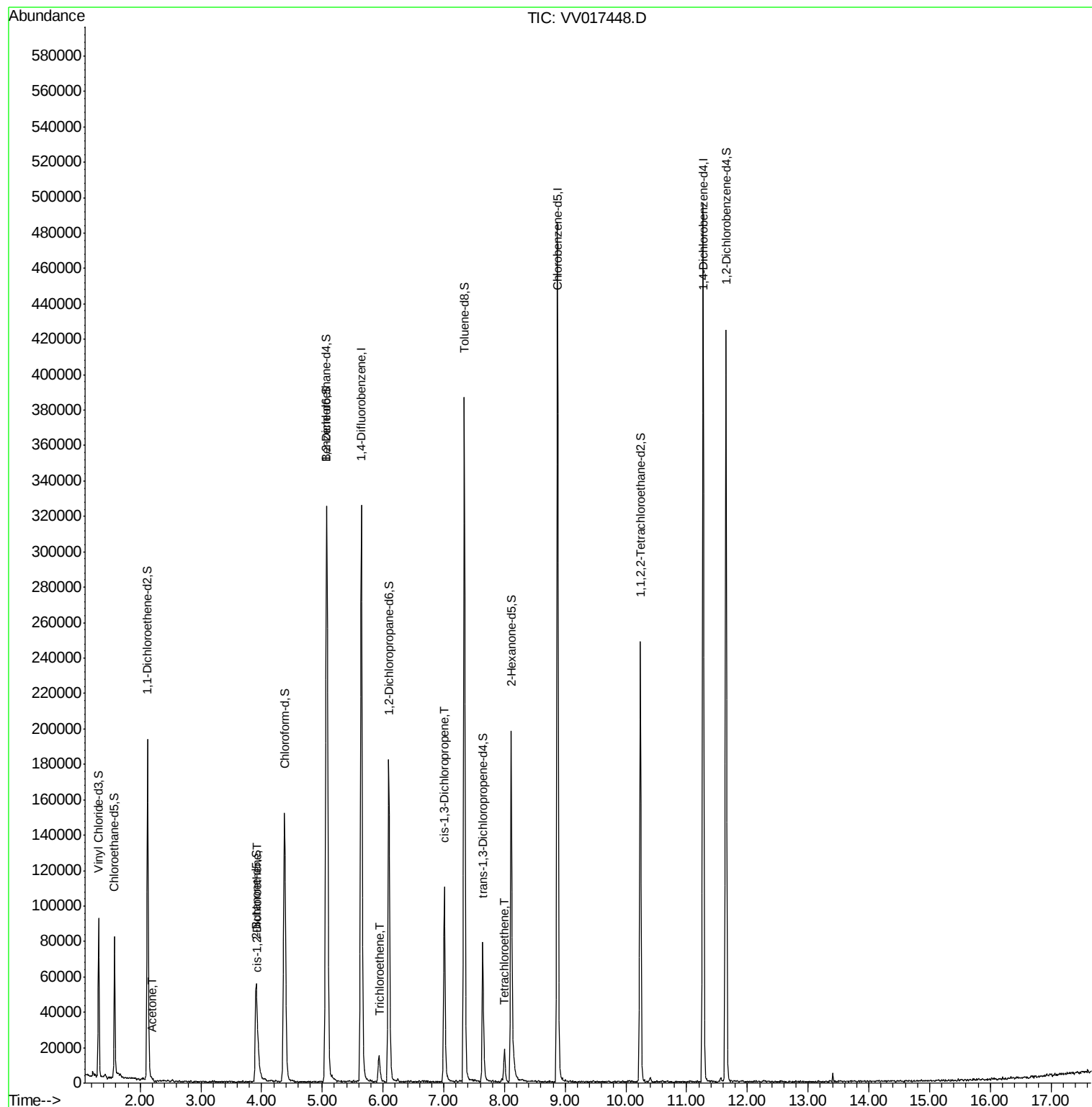
					Ovalue
13) Acetone	2.19	43	1989	1.548 ug/L	94
20) cis-1,2-Dichloroethene	3.94	96	3360	1.808 ug/L	94
34) Trichloroethene	5.95	95	1316	0.661 ug/L	96
39) cis-1,3-Dichloropropene	7.01	75	3075	1.100 ug/L #	73
46) Tetrachloroethene	8.00	164	4292	2.566 ug/L	91

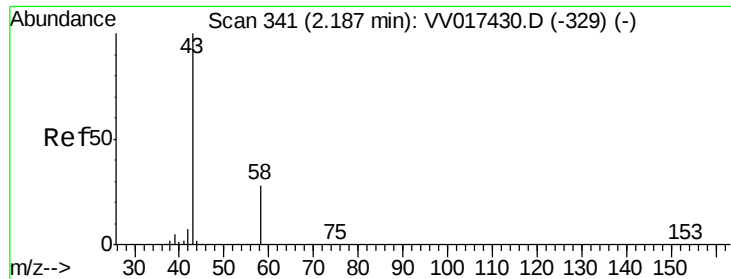
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 1.548 ug/L

RT: 2.19 min Scan# 343

Delta R.T. 0.01 min

Lab File: VV017448.D

Acq: 10 Jul 2020 18:25

Instrument :

MSVOA_V

ClientSampled :

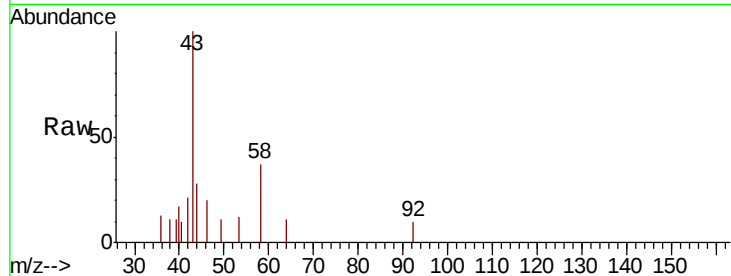
F4A07

Tot Ion: 43 Resp: 1989

Ion Ratio Lower Upper

43 100

58 25.0 0.0 56.0



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

2.19

1200

1000

800

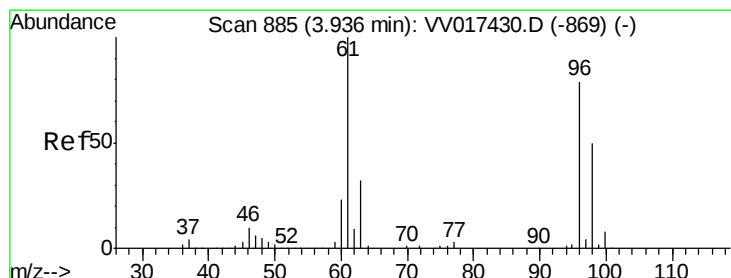
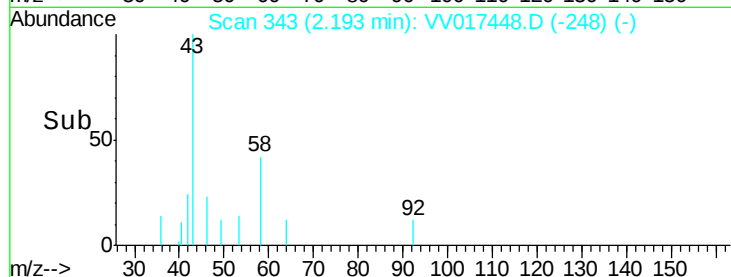
600

400

200

0

Time-->



#20

cis-1,2-Dichloroethene

Concen: 1.808 ug/L

RT: 3.94 min Scan# 886

Delta R.T. 0.00 min

Lab File: VV017448.D

Acq: 10 Jul 2020 18:25

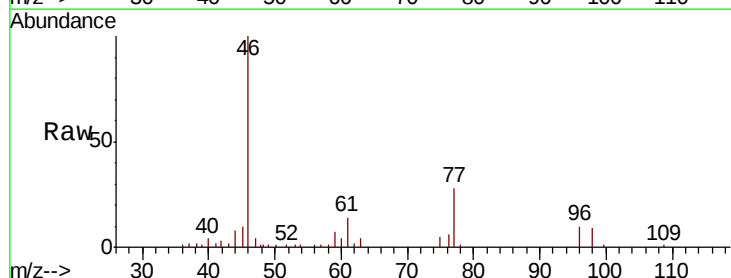
Tgt Ion: 96 Resp: 3360

Ion Ratio Lower Upper

96 100

61 134.4 88.9 165.1

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 68.00 (67.70 to 68.70): VV0

2000

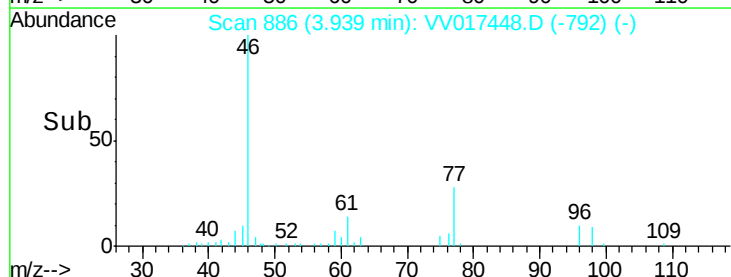
1500

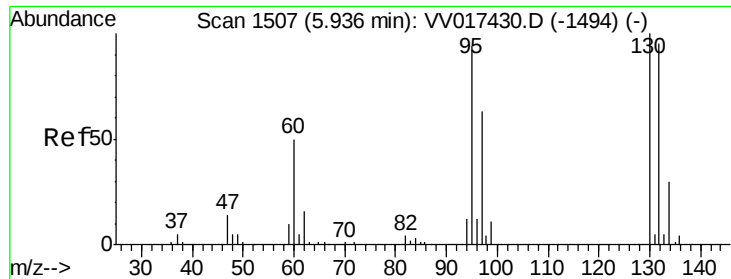
1000

500

0

Time-->

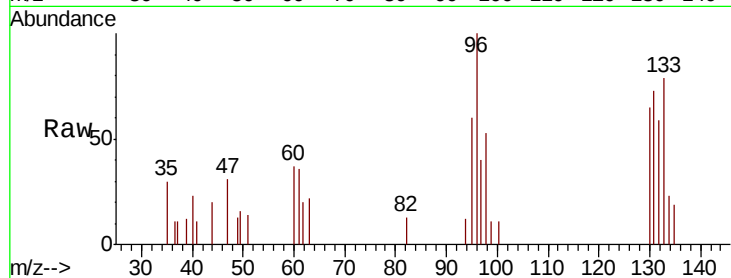




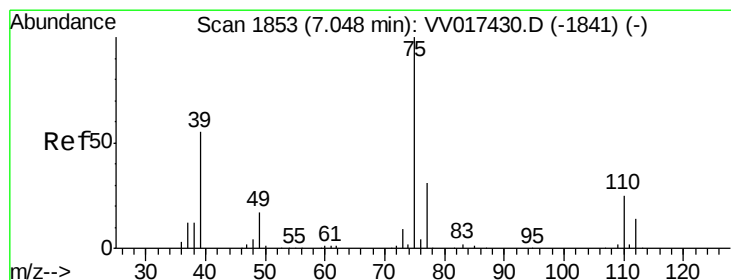
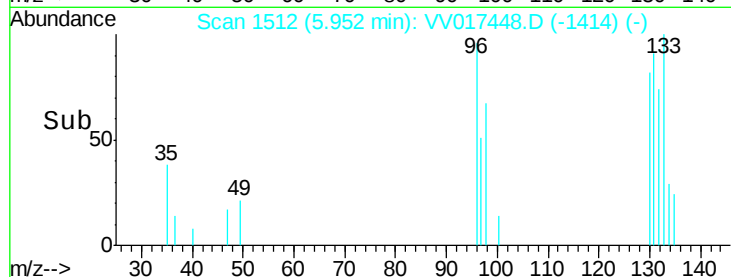
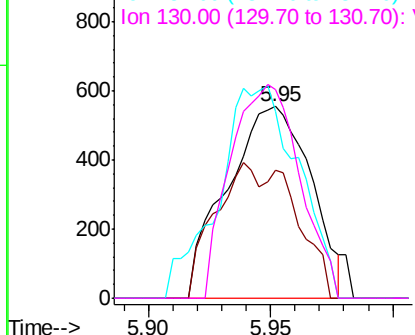
#34
 Trichloroethene
 Concen: 0.661 ug/L
 RT: 5.95 min Scan# 1512
 Delta R.T. 0.02 min
 Lab File: VV017448.D
 Acq: 10 Jul 2020 18:25

Instrument :
 MSVOA_V
 ClientSampleId :
 F4A07

Tot Ion: 95 Resp: 1316
 Ion Ratio Lower Upper
 95 100
 97 67.0 45.6 84.6
 132 97.7 74.1 137.5
 130 108.5 75.5 140.3

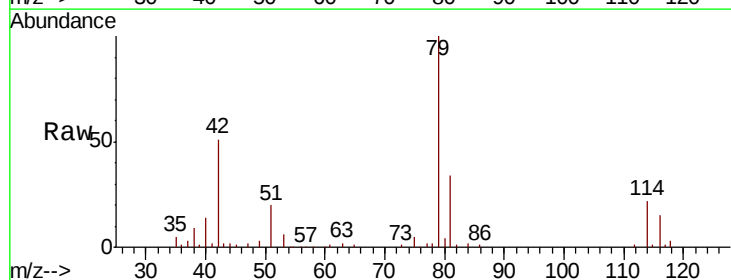


Abundance Ion 95.00 (94.70 to 95.70): VV0
 Ion 97.00 (96.70 to 97.70): VV0
 Ion 132.00 (131.70 to 132.70): VV0
 Ion 130.00 (129.70 to 130.70): VV0

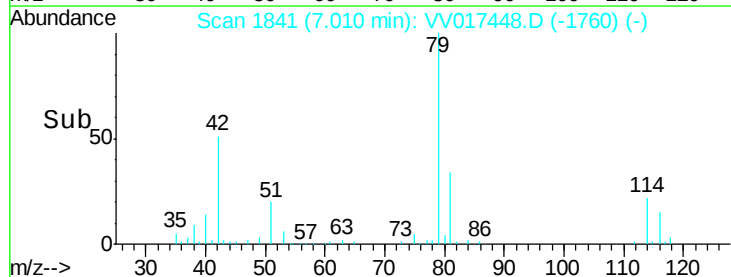
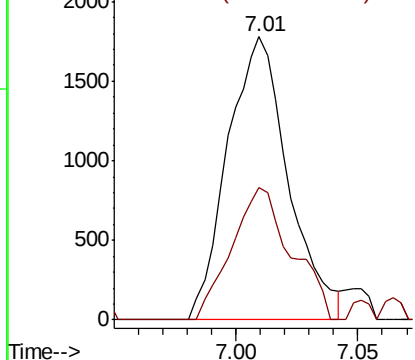


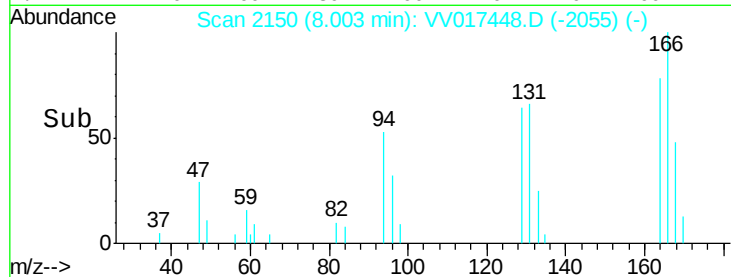
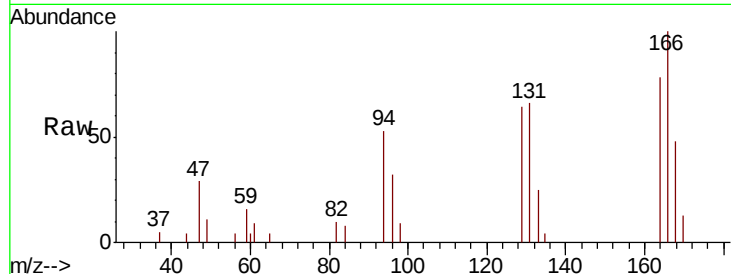
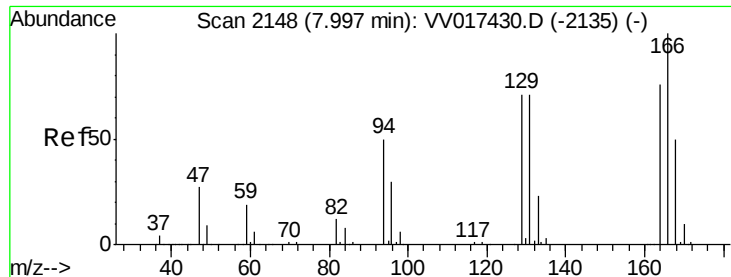
#39
 cis-1,3-Dichloropropene
 Concen: 1.100 ug/L
 RT: 7.01 min Scan# 1841
 Delta R.T. -0.04 min
 Lab File: VV017448.D
 Acq: 10 Jul 2020 18:25

Tgt Ion: 75 Resp: 3075
 Ion Ratio Lower Upper
 75 100
 77 46.8 22.2 41.2#



Abundance Ion 75.00 (74.70 to 75.70): VV0
 Ion 77.00 (76.70 to 77.70): VV0





#46

Tetrachloroethene

Concen: 2.566 ug/L

RT: 8.00 min Scan# 2150

Delta R.T. 0.01 min

Lab File: VV017448.D

Acq: 10 Jul 2020 18:25

Instrument :

MSVOA_V

ClientSampleId :

F4A07

Tot Ion:164 Resp: 4292

Ion Ratio Lower Upper

164 100

129 81.3 66.6 123.8

131 84.3 65.5 121.7

166 127.4 93.9 174.5

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

