

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV062420\
 Data File : VV017113.D
 Acq On : 25 Jun 2020 08:41
 Operator : SY/MD
 Sample : L3102-17
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F9L66

Quant Time: Jun 25 11:52:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jun 25 11:33:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	175262	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	170010	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	77899	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	36198	3.44	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	68.80%
7) Chloroethane-d5	1.58	69	30438	3.98	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.60%
11) 1,1-Dichloroethene-d2	2.13	63	57261	2.86	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	57.20%#
20) 2-Butanone-d5	3.93	46	117190	43.71	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	87.42%
24) Chloroform-d	4.38	84	98094	4.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.20%
26) 1,2-Dichloroethane-d4	5.06	65	52441	4.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.00%
32) Benzene-d6	5.08	84	183198	4.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.00%
36) 1,2-Dichloropropane-d6	6.10	67	54947	4.16	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	83.20%
41) Toluene-d8	7.34	98	161703	3.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.20%
45) trans-1,3-Dichloropropene-	7.65	79	19947	3.63	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	72.60%
48) 2-Hexanone-d5	8.11	63	85830	40.96	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	81.92%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	40647	4.63	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.60%
65) 1,2-Dichlorobenzene-d4	11.65	152	67184	4.67	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.40%

Target Compounds

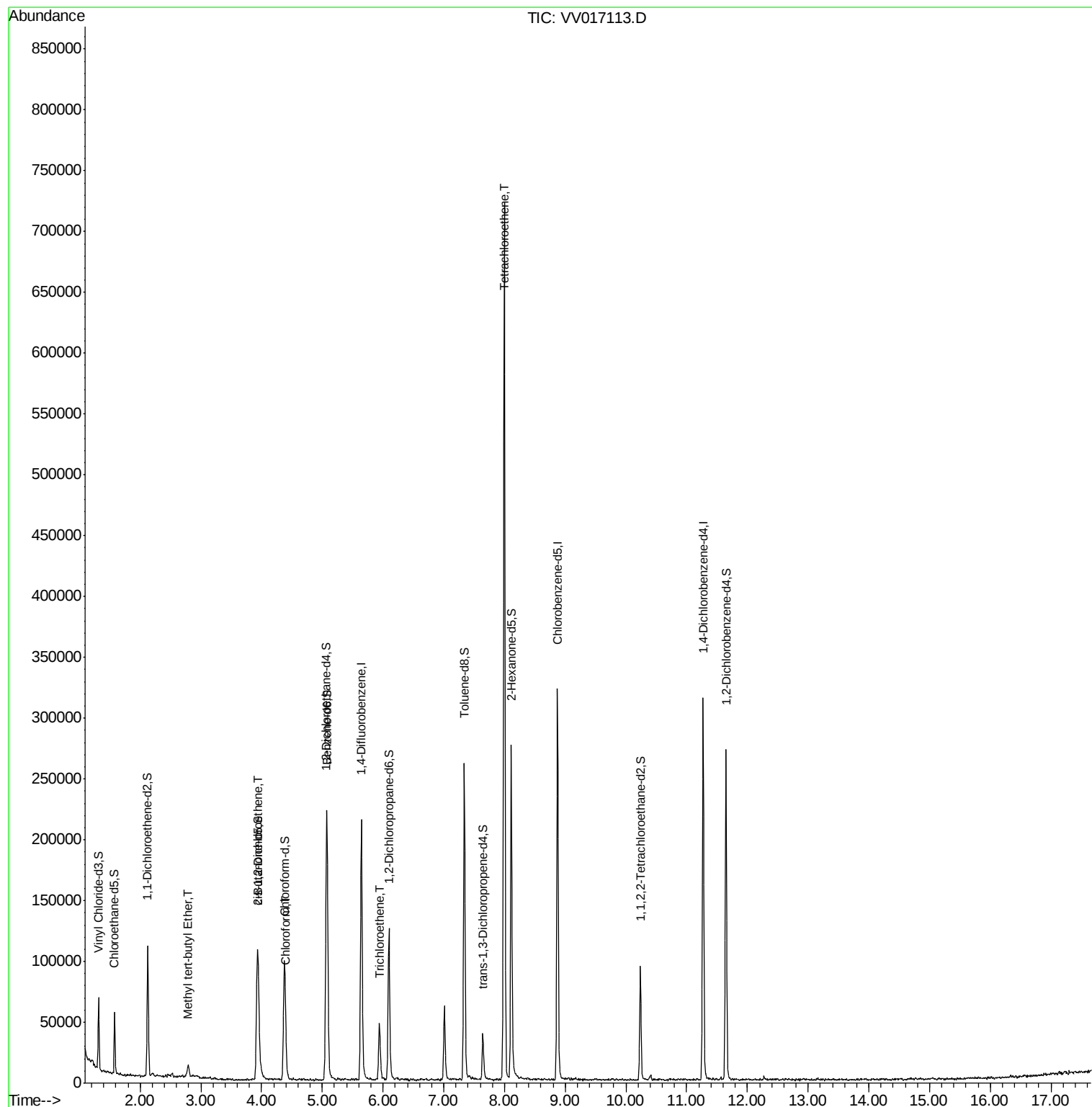
					Ovalue
17) Methyl tert-butyl Ether	2.79	73	8320	0.394 ug/L	96
22) cis-1,2-Dichloroethene	3.94	96	29223	2.397 ug/L	98
25) Chloroform	4.41	83	5060	0.231 ug/L	90
34) Trichloroethene	5.94	95	16180	1.241 ug/L	97
49) Tetrachloroethene	8.00	164	154647	14.738 ug/L	98

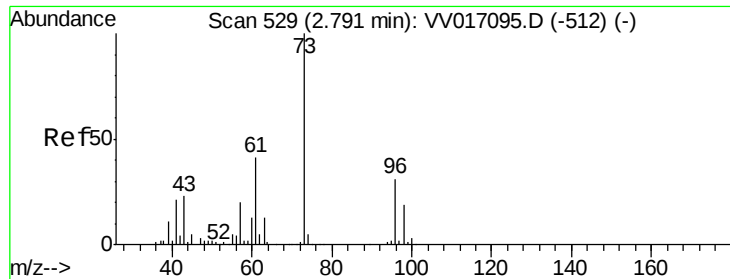
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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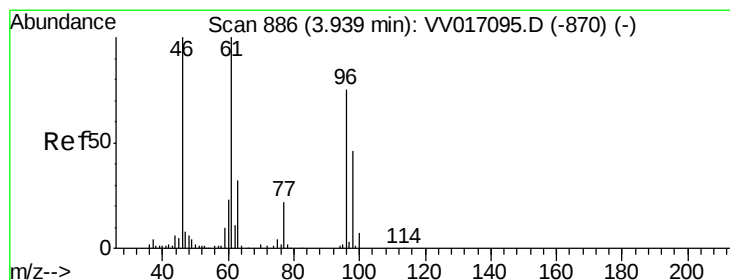
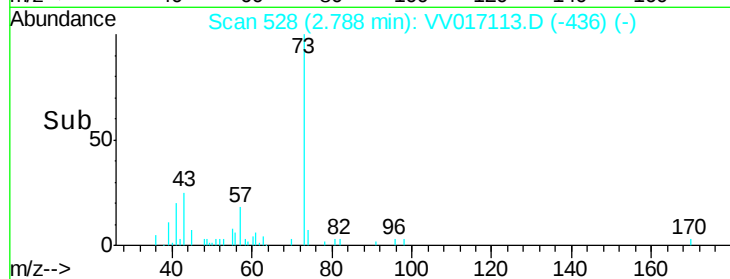
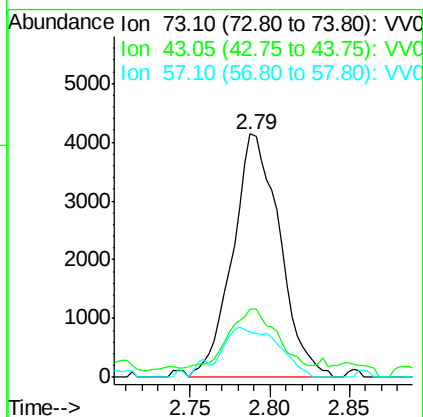
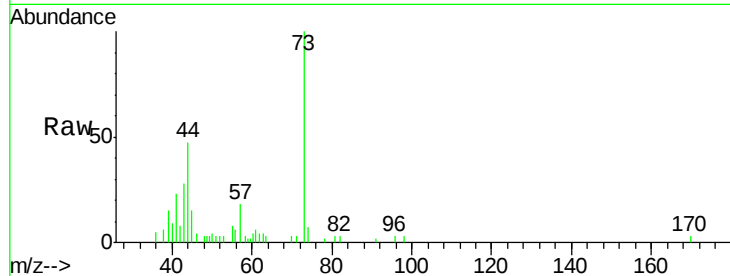




#17
Methvl tert-butvl Ether
Concen: 0.394 ug/L
RT: 2.79 min Scan# 528
Delta R.T. -0.00 min
Lab File: VV017113.D
Acq: 25 Jun 2020 08:41

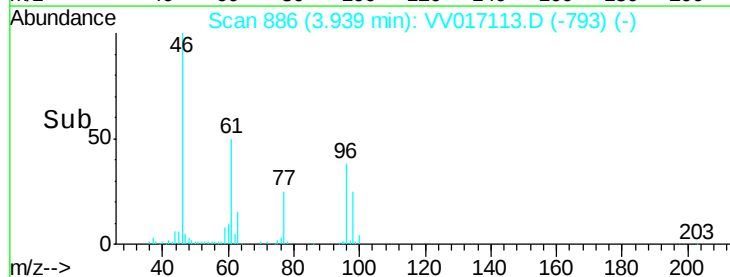
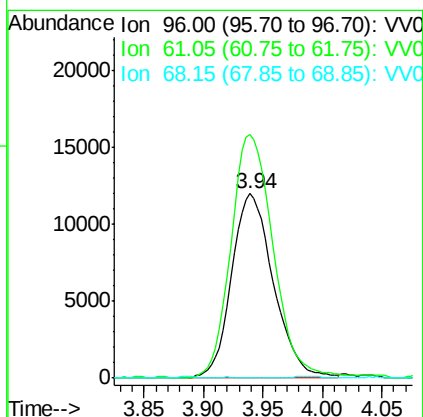
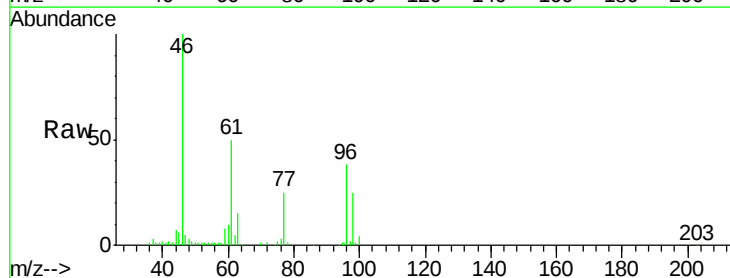
Instrument :
MSVOA_V
ClientSampled :
F9L66

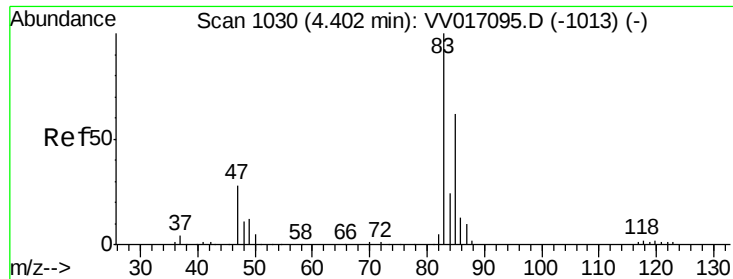
Tot Ion: 73 Resp: 8320
Ion Ratio Lower Upper
73 100
43 24.4 18.6 28.0
57 23.6 16.4 24.6



#22
cis-1,2-Dichloroethene
Concen: 2.397 ug/L
RT: 3.94 min Scan# 886
Delta R.T. -0.00 min
Lab File: VV017113.D
Acq: 25 Jun 2020 08:41

Tgt Ion: 96 Resp: 29223
Ion Ratio Lower Upper
96 100
61 132.0 91.0 169.0
68 0.0 0.0 0.0

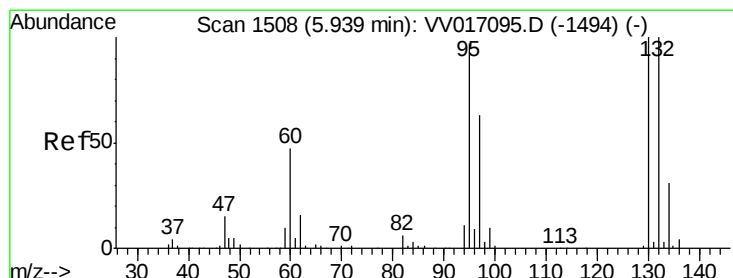
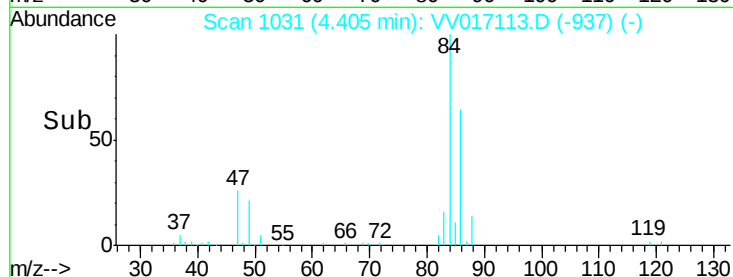
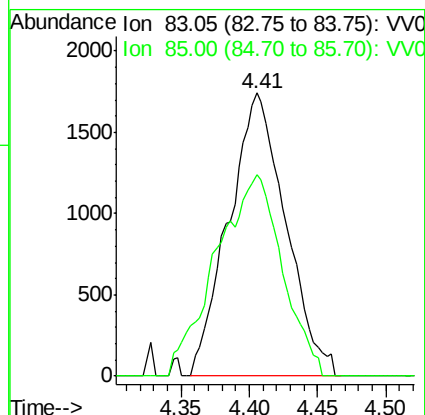
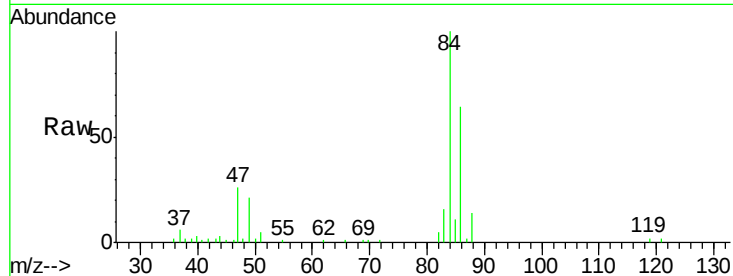




#25
Chloroform
Concen: 0.231 ug/L
RT: 4.41 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VV017113.D
Acq: 25 Jun 2020 08:41

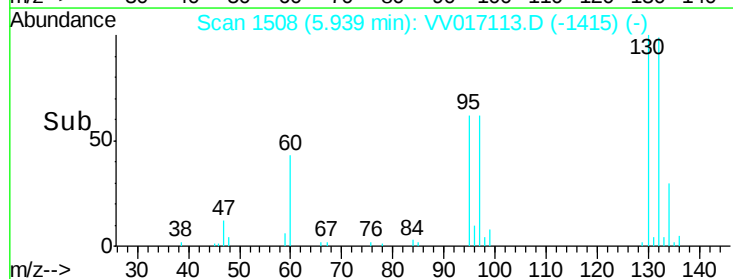
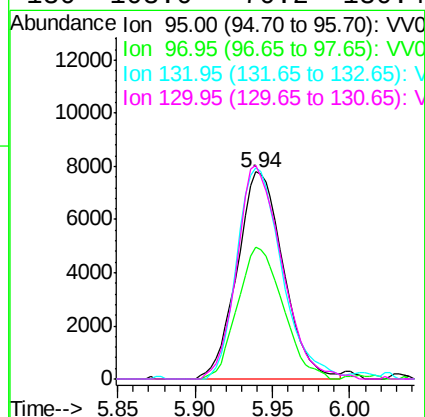
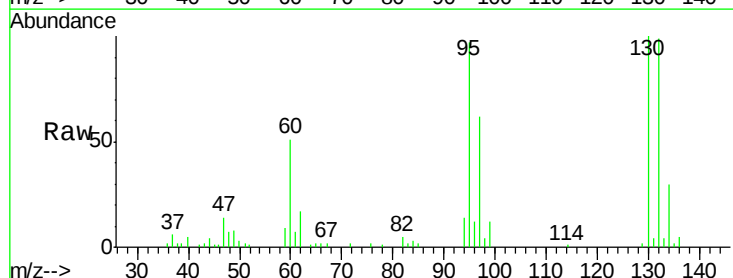
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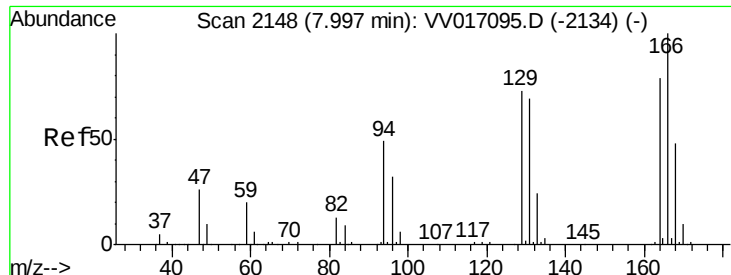
Tot Ion: 83 Resp: 5060
Ion Ratio Lower Upper
83 100
85 71.0 44.2 82.2



#34
Trichloroethene
Concen: 1.241 ug/L
RT: 5.94 min Scan# 1508
Delta R.T. -0.00 min
Lab File: VV017113.D
Acq: 25 Jun 2020 08:41

Tgt Ion: 95 Resp: 16180
Ion Ratio Lower Upper
95 100
97 63.4 45.3 84.1
132 102.0 68.8 127.8
130 103.0 70.2 130.4





#49

Tetrachloroethene

Concen: 14.738 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. -0.00 min

Lab File: VV017113.D

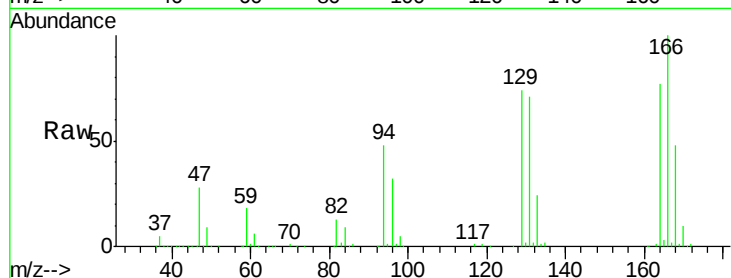
Acq: 25 Jun 2020 08:41

Instrument :

MSVOA_V

ClientSampleId :

F9L66



Tot Ion:164 Resp: 154647

Ion Ratio Lower Upper

164 100

129 96.7 65.2 121.0

131 92.0 64.1 119.1

166 130.1 90.2 167.4

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

