

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU122220\
 Data File : VU041754.D
 Acq On : 22 Dec 2020 20:25
 Operator : SY/MD
 Sample : L5185-07
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BG4S5

Quant Time: Dec 23 06:15:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Dec 23 05:08:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	139185	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	127358	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	55610	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	34305	3.15	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	63.00%
7) Chloroethane-d5	1.92	69	39892	4.74	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.80%
11) 1,1-Dichloroethene-d2	2.58	63	53036	2.65	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	53.00%#
20) 2-Butanone-d5	4.65	46	198871	63.62	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	127.24%
24) Chloroform-d	5.08	84	97882	5.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.00%
26) 1,2-Dichloroethane-d4	5.72	65	57687	5.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.20%
32) Benzene-d6	5.74	84	180286	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.80%
36) 1,2-Dichloropropane-d6	6.70	67	63266	5.53	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	110.60%
41) Toluene-d8	7.91	98	134685	4.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.80%
43) trans-1,3-Dichloropropene-	8.18	79	22053	4.29	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.80%
46) 2-Hexanone-d5	8.64	63	140394	49.95	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.90%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	52294	5.03	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.60%
64) 1,2-Dichlorobenzene-d4	12.19	152	52901	5.35	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.00%

Target Compounds

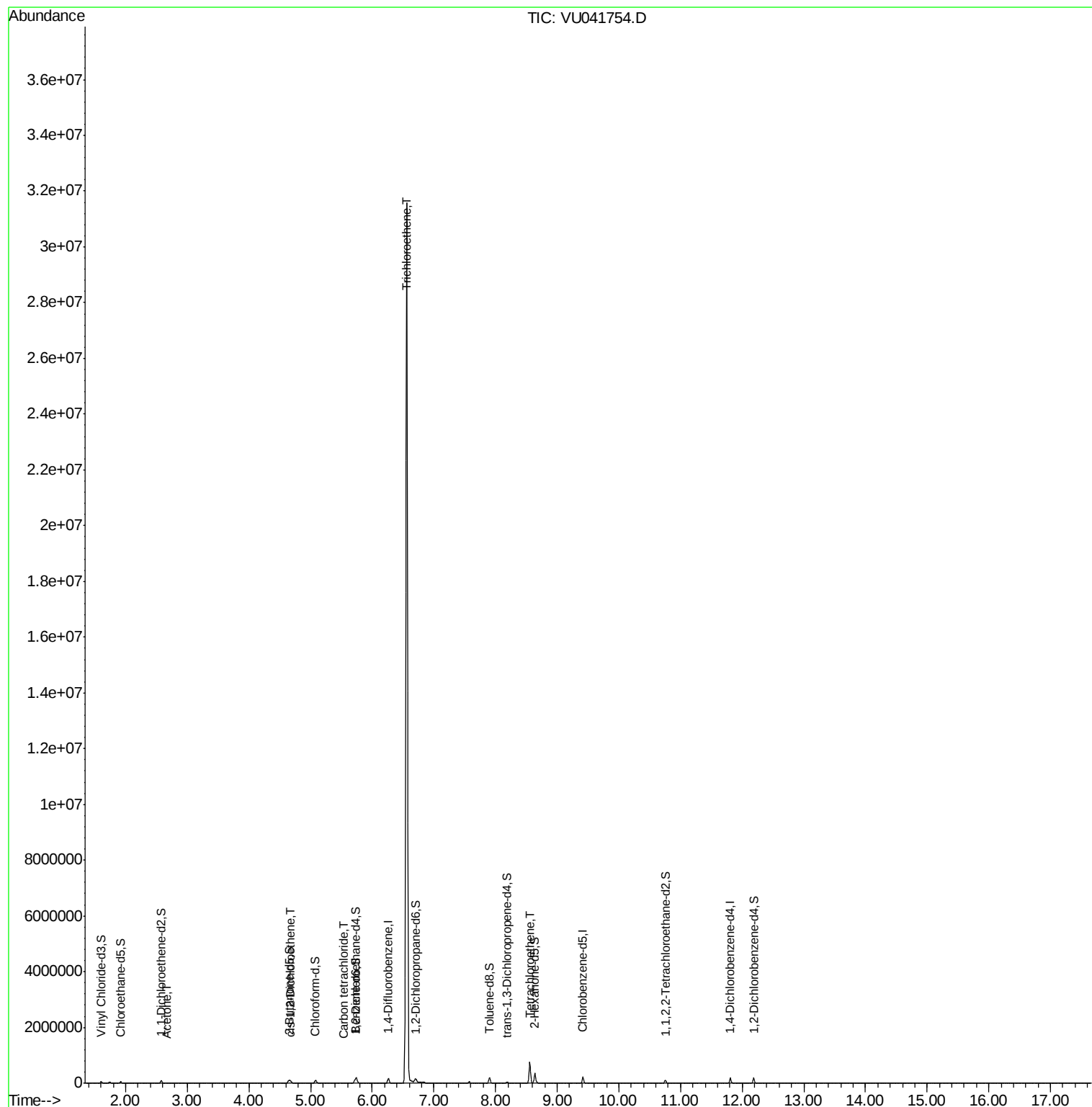
					Ovalue
13) Acetone	2.66	43	2444	1.229 ug/L	95
22) cis-1,2-Dichloroethene	4.68	96	7066	0.655 ug/L	91
31) Carbon tetrachloride	5.54	117	917	0.073 ug/L	94
34) Trichloroethene	6.56	95	11197297	1094.008 ug/L	98
47) Tetrachloroethene	8.56	164	170061	23.735 ug/L	97

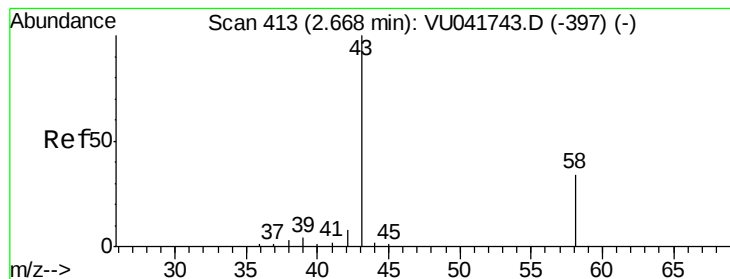
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.229 ug/L

RT: 2.66 min Scan# 410

Delta R.T. -0.01 min

Lab File: VU041754.D

Acq: 22 Dec 2020 20:25

Instrument :

MSVOA_U

ClientSampleId :

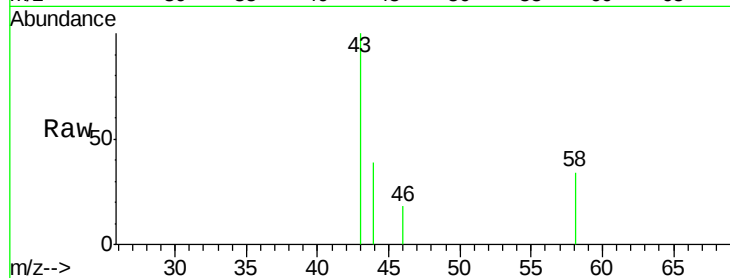
BG4S5

Tot Ion: 43 Resp: 2444

Ion Ratio Lower Upper

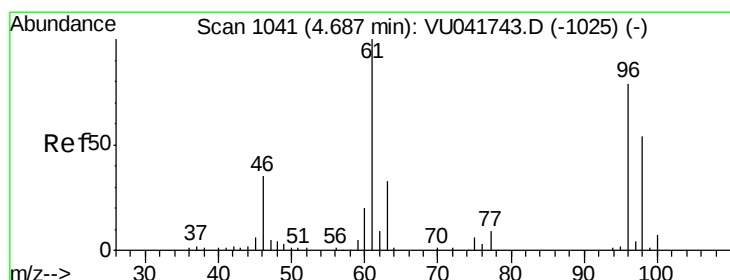
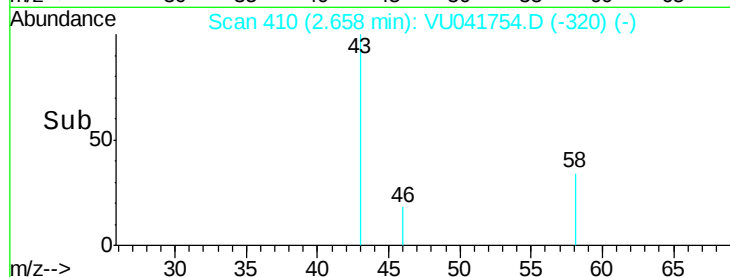
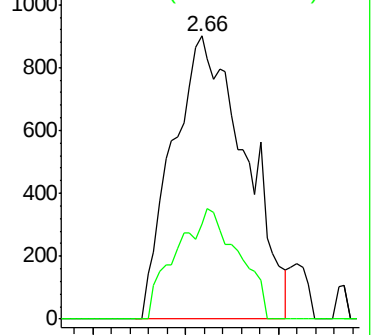
43 100

58 33.3 0.0 73.2



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0



#22

cis-1,2-Dichloroethene

Concen: 0.655 ug/L

RT: 4.68 min Scan# 1039

Delta R.T. -0.01 min

Lab File: VU041754.D

Acq: 22 Dec 2020 20:25

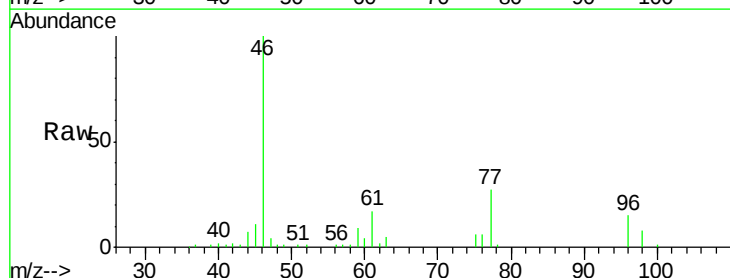
Tgt Ion: 96 Resp: 7066

Ion Ratio Lower Upper

96 100

61 116.1 88.8 165.0

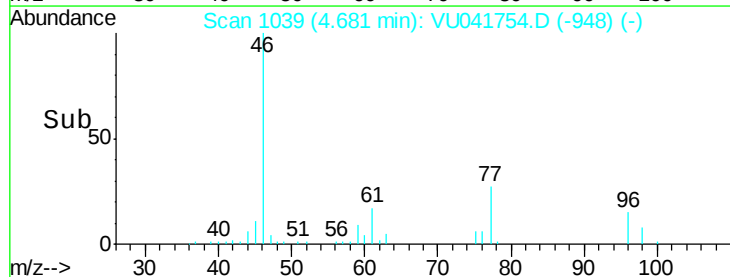
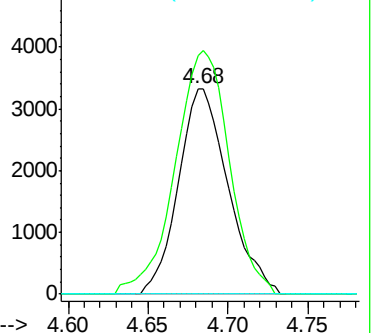
68 0.0 0.0 0.0

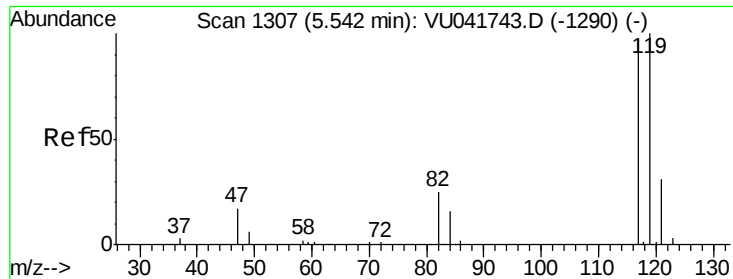


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 68.15 (67.85 to 68.85): VU0





#31

Carbon tetrachloride

Concen: 0.073 ug/L

RT: 5.54 min Scan# 1305

Delta R.T. -0.01 min

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Acq: 22 Dec 2020 20:25

Instrument :

MSVOA_U

ClientSampleId :

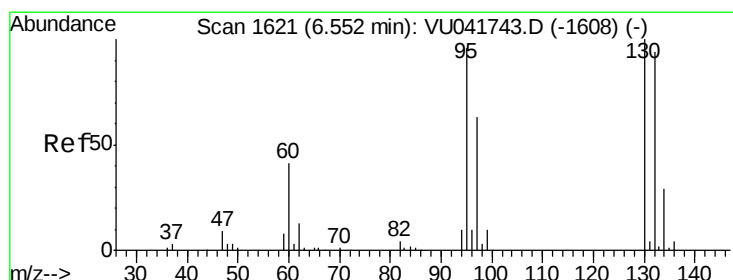
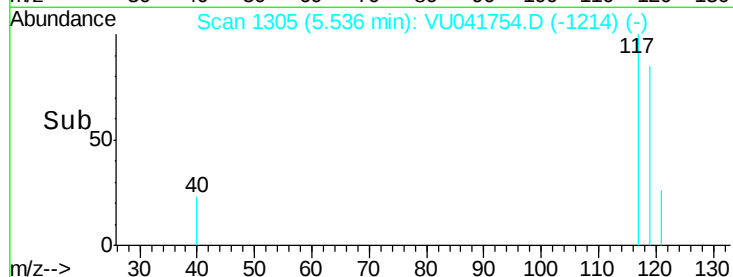
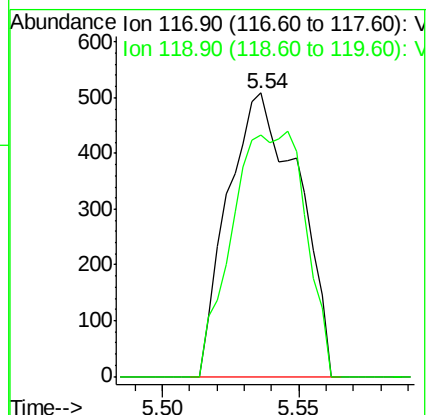
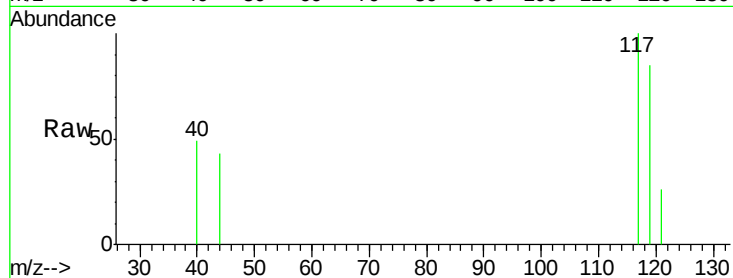
BG4S5

Tot Ion:117 Resp: 917

Ion Ratio Lower Upper

117 100

119 89.4 76.2 114.2



#34

Trichloroethene

Concen: 1094.008 ug/L

RT: 6.56 min Scan# 1623

Delta R.T. 0.01 min

Lab File: VU041754.D

Acq: 22 Dec 2020 20:25

Tgt Ion: 95 Resp:11197297

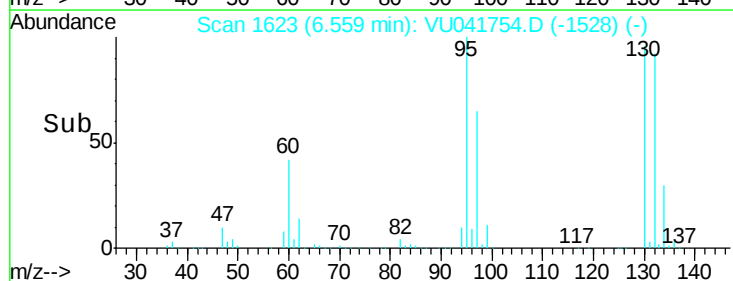
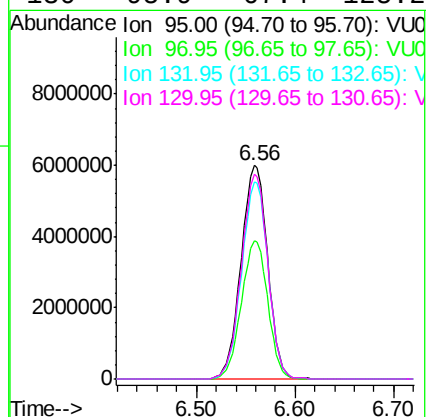
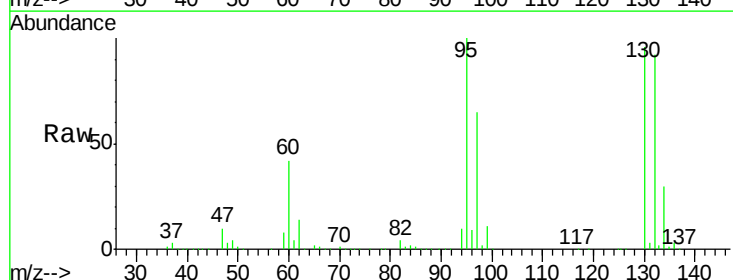
Ion Ratio Lower Upper

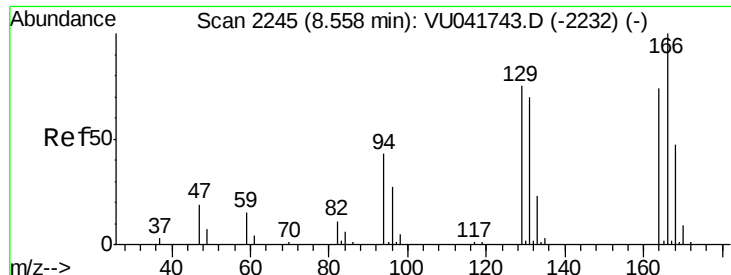
95 100

97 64.7 43.9 81.5

132 92.3 63.1 117.3

130 95.9 67.4 125.2





#47

Tetrachloroethene

Concen: 23.735 ug/L

RT: 8.56 min Scan# 2245

Delta R.T. 0.00 min

Lab File: VU041754.D

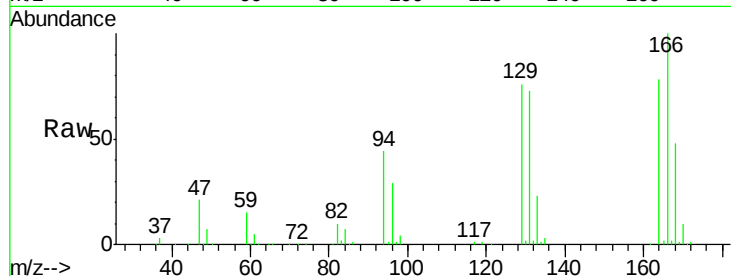
Acq: 22 Dec 2020 20:25

Instrument :

MSVOA_U

ClientSampleId :

BG4S5



Tot Ion:164 Resp: 170061

Ion Ratio Lower Upper

164 100

129 97.3 72.2 134.0

131 93.4 66.9 124.3

166 128.7 89.6 166.4

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

