

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV082520\
 Data File : VV018096.D
 Acq On : 25 Aug 2020 17:59
 Operator : SY/MD
 Sample : L3800-01 50X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3F8

Quant Time: Aug 26 02:37:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Aug 26 02:11:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	261947	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	259655	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	125820	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	93444	46.75	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.50%
7) Chloroethane-d5	1.58	69	81985	50.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	100.28%
11) 1,1-Dichloroethene-d2	2.12	63	142075	37.16	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.32%
21) 2-Butanone-d5	3.91	46	128184	97.92	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.92%
24) Chloroform-d	4.38	84	173751	47.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.52%
26) 1,2-Dichloroethane-d4	5.06	65	118319	50.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.14%
32) Benzene-d6	5.08	84	354427	49.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.06%
36) 1,2-Dichloropropane-d6	6.09	67	115841	49.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.04%
41) Toluene-d8	7.34	98	312173	48.51	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.02%
43) trans-1,3-Dichloropropene-	7.64	79	52593	49.57	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.14%
47) 2-Hexanone-d5	8.11	63	72008	95.91	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.91%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	142272	46.70	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.40%
64) 1,2-Dichlorobenzene-d4	11.65	152	130961	52.89	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.78%

Target Compounds

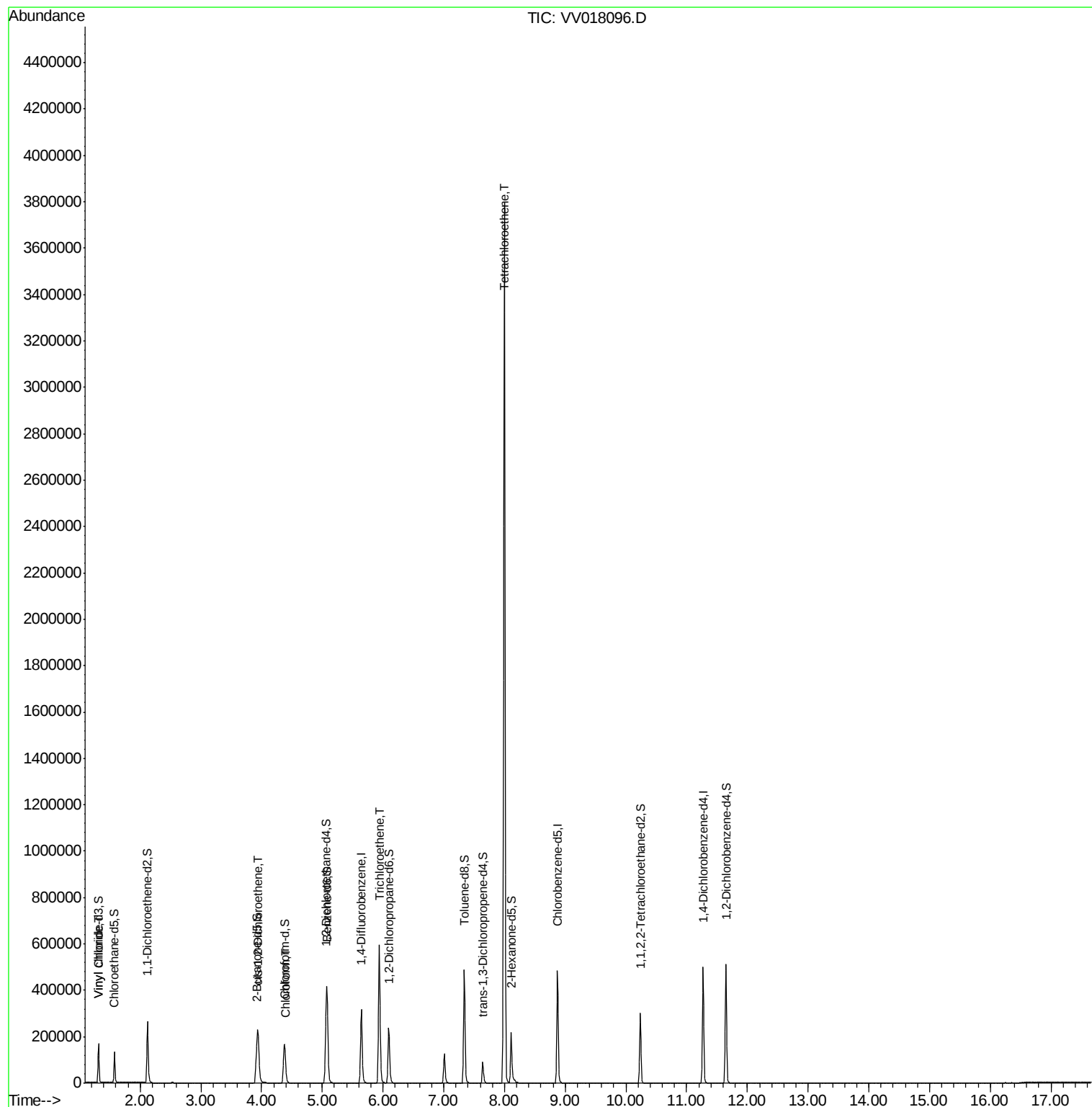
					Ovalue
5) Vinyl chloride	1.32	62	12055	5.179 ug/L	# 72
20) cis-1,2-Dichloroethene	3.94	96	109129	54.980 ug/L	98
25) Chloroform	4.41	83	4725	1.276 ug/L	96
34) Trichloroethene	5.94	95	205401	96.731 ug/L	97
46) Tetrachloroethene	8.00	164	842501	540.997 ug/L	99

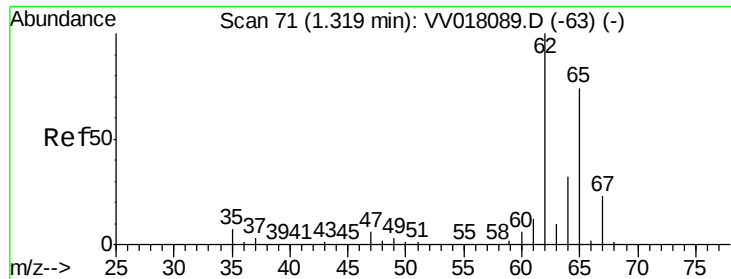
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 5.179 ug/L

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VV018096.D

Acq: 25 Aug 2020 17:59

Instrument :

MSVOA_V

ClientSampled :

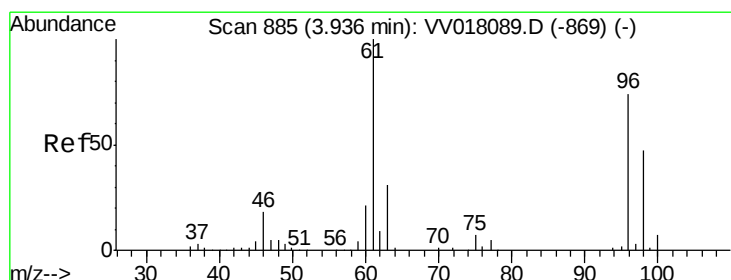
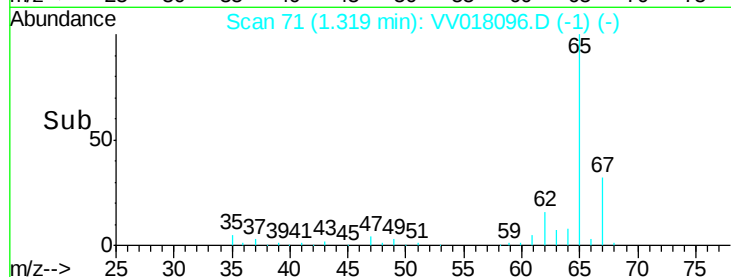
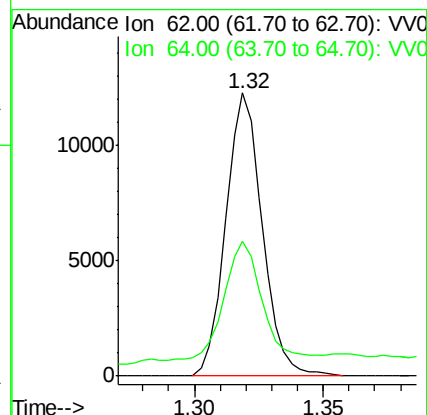
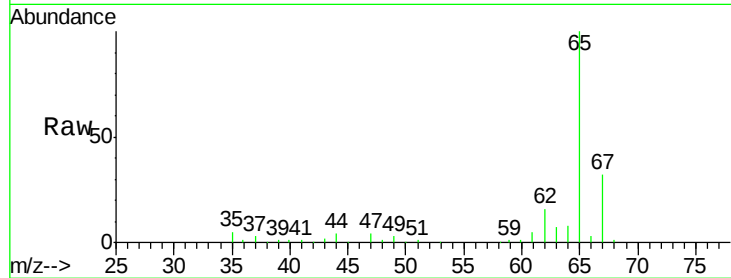
BG3F8

Tot Ion: 62 Resp: 12055

Ion Ratio Lower Upper

62 100

64 47.7 22.4 41.6#



#20

cis-1,2-Dichloroethene

Concen: 54.980 ug/L

RT: 3.94 min Scan# 886

Delta R.T. 0.00 min

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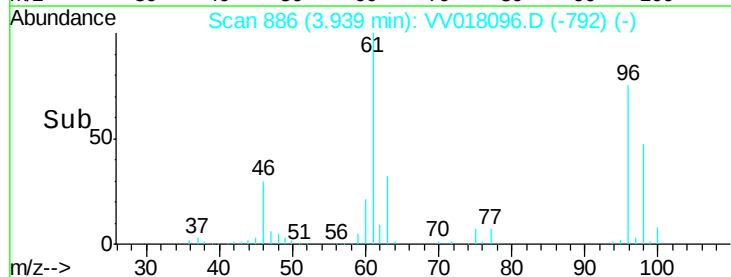
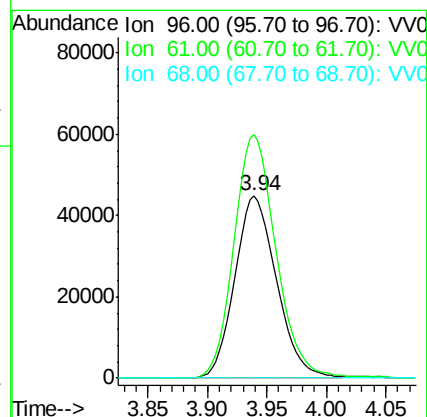
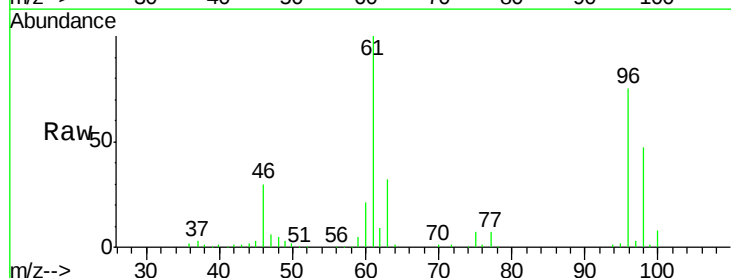
Tgt Ion: 96 Resp: 109129

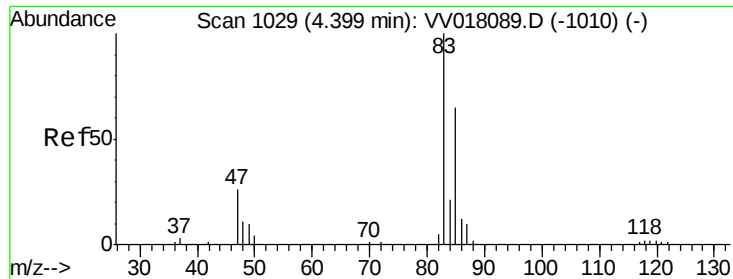
Ion Ratio Lower Upper

96 100

61 133.3 95.0 176.4

68 0.0 0.0 0.0





#25

Chloroform

Concen: 1.276 ug/L

RT: 4.41 min Scan# 1031

Delta R.T. 0.01 min

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Instrument :

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ClientSampleId :

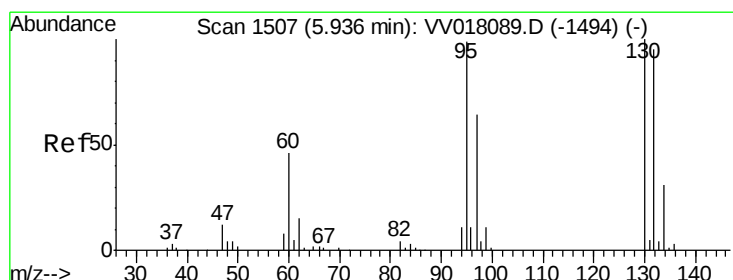
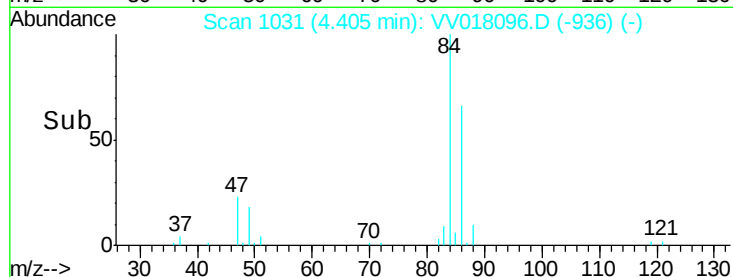
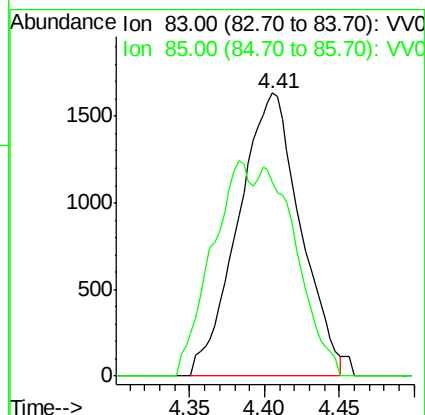
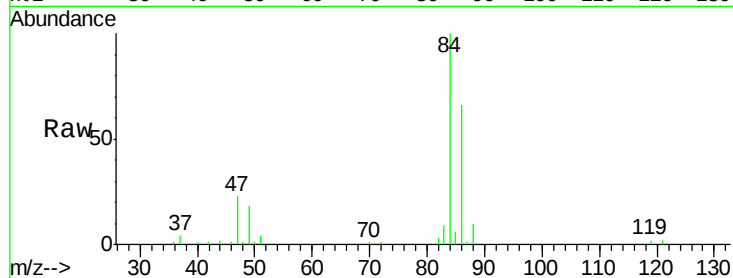
BG3F8

Tot Ion: 83 Resp: 4725

Ion Ratio Lower Upper

83 100

85 68.3 45.5 84.5



#34

Trichloroethene

Concen: 96.731 ug/L

RT: 5.94 min Scan# 1508

Delta R.T. 0.00 min

Lab File: VV018096.D

Acq: 25 Aug 2020 17:59

Tgt Ion: 95 Resp: 205401

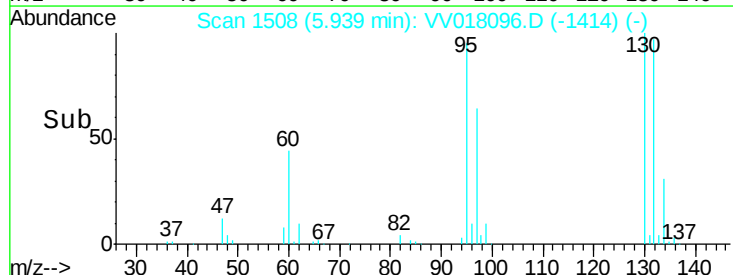
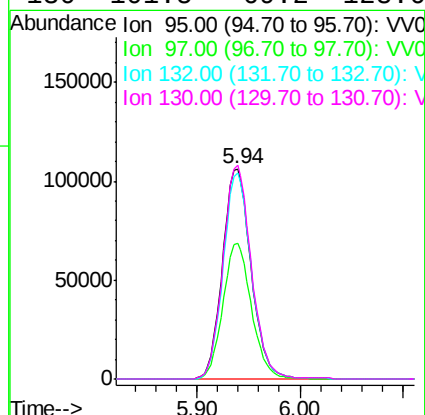
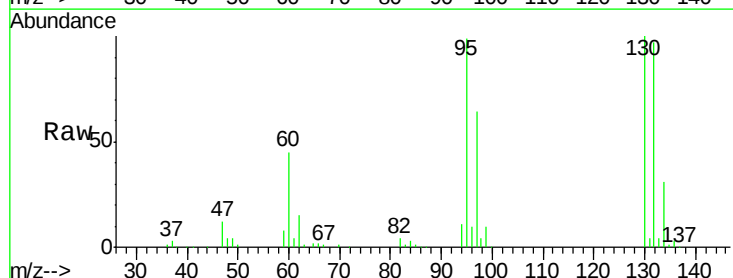
Ion Ratio Lower Upper

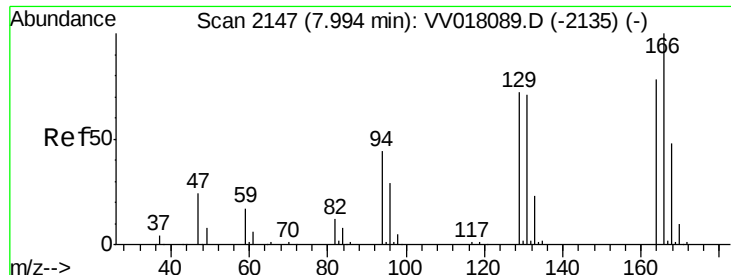
95 100

97 64.7 46.0 85.4

132 98.2 65.8 122.2

130 101.5 69.2 128.6





#46

Tetrachloroethene

Concen: 540.997 ug/L

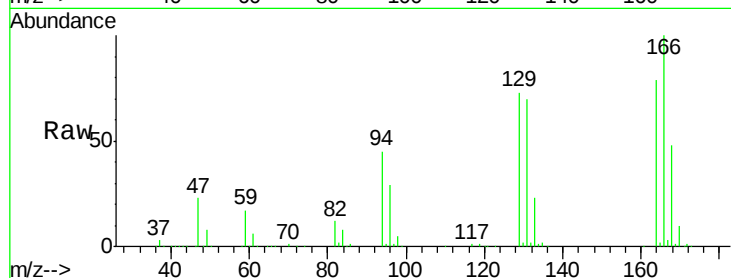
RT: 8.00 min Scan# 2148

Delta R.T. 0.00 min

Lab File: VV018096.D

Acq: 25 Aug 2020 17:59

Instrument :
MSVOA_V
ClientSampleId :
BG3F8



Tot Ion:164 Resp: 842501

Ion Ratio Lower Upper

164 100

129 92.9 64.8 120.3

131 89.0 64.5 119.9

166 127.4 88.9 165.1

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

