

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR071818\
 Data File : VR025508.D
 Acq On : 18 Jul 2018 15:56
 Operator : SY/MD
 Sample : J4002-09
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 C0AG5

Quant Time: Jul 19 05:47:28 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR070518WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jul 19 05:17:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	592809	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	493272	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	158552	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.14	65	80658	4.94	ug/L	-0.01
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.80%
7) Chloroethane-d5	2.63	69	66155	4.75	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.00%
11) 1,1-Dichloroethene-d2	3.63	63	185479	3.75	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.00%
20) 2-Butanone-d5	6.60	46	193646	38.15	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	76.30%
24) Chloroform-d	7.20	84	368737	4.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.20%
26) 1,2-Dichloroethane-d4	7.90	65	143376	4.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.60%
32) Benzene-d6	7.86	84	785877	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.20%
36) 1,2-Dichloropropane-d6	8.90	67	232901	4.86	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.20%
41) Toluene-d8	9.97	98	692546	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.60%
43) trans-1,3-Dichloropropene-	10.24	79	47734	3.76	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.20%
46) 2-Hexanone-d5	10.59	63	195674	47.72	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.44%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	101322	4.73	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.60%
64) 1,2-Dichlorobenzene-d4	13.51	152	151611	5.79	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	115.80%

Target Compounds

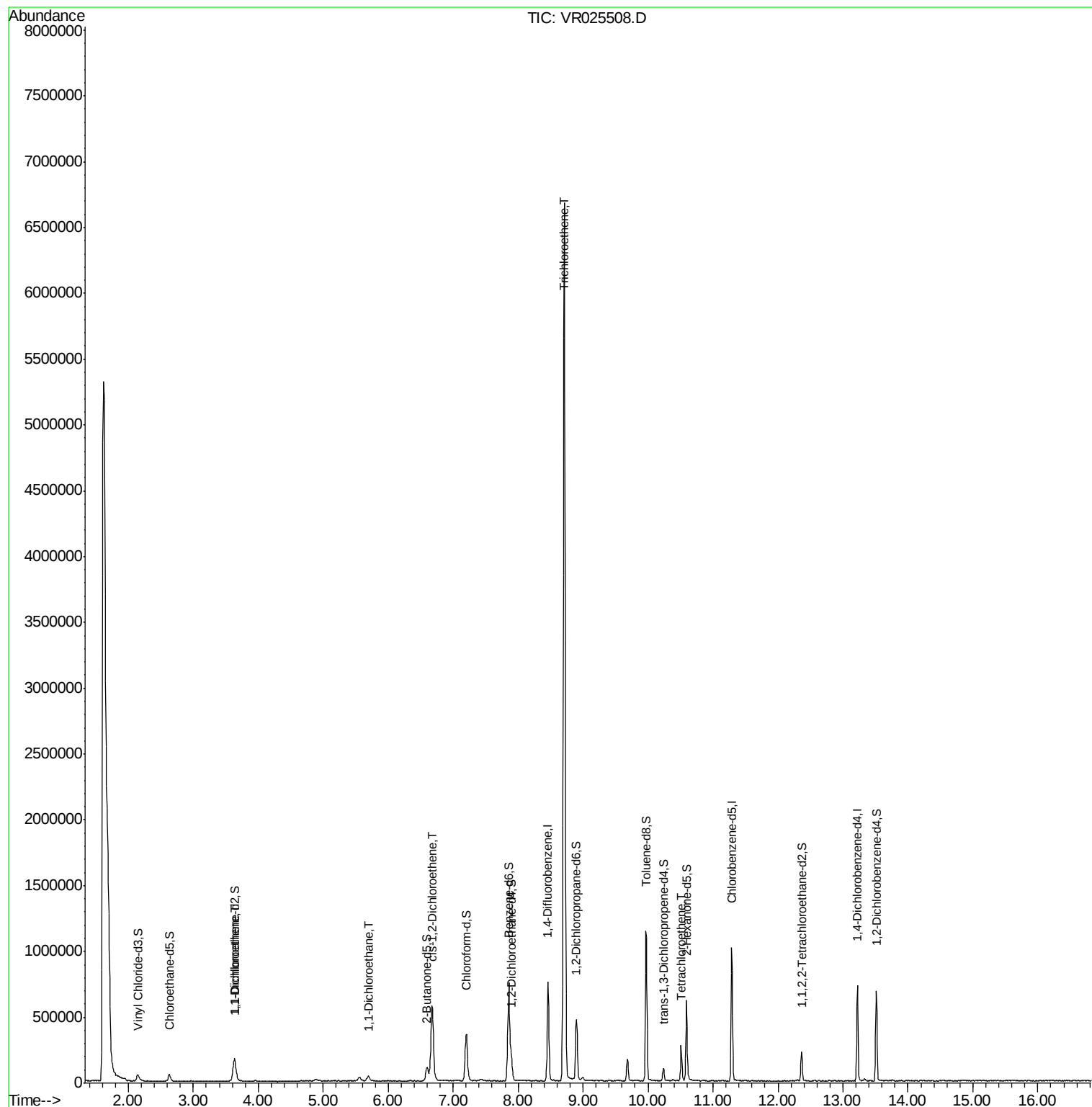
					Ovalue
12) 1,1-Dichloroethene	3.65	96	21198	1.20 ug/L	# 1
19) 1,1-Dichloroethane	5.69	63	50731	0.67 ug/L	# 93
22) cis-1,2-Dichloroethene	6.68	96	355390	8.78 ug/L	# 97
34) Trichloroethene	8.71	95	2456878	56.76 ug/L	99
47) Tetrachloroethene	10.52	164	53828	1.90 ug/L	90

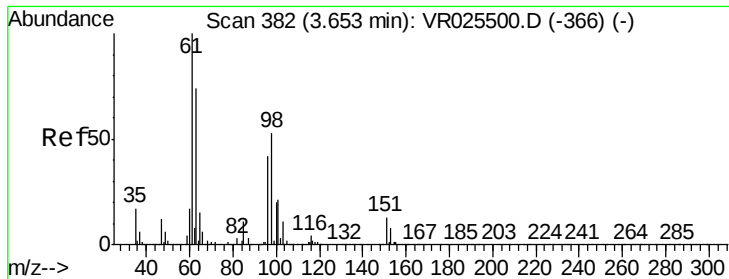
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 1.20 ug/L

RT: 3.65 min Scan# 381

Delta R.T. -0.01 min

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Instrument :

MSVOA_R

ClientSampleId :

C0AG5

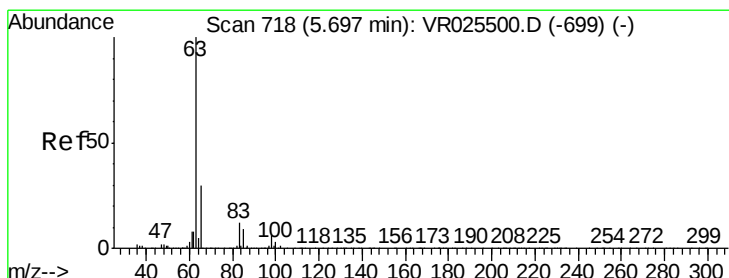
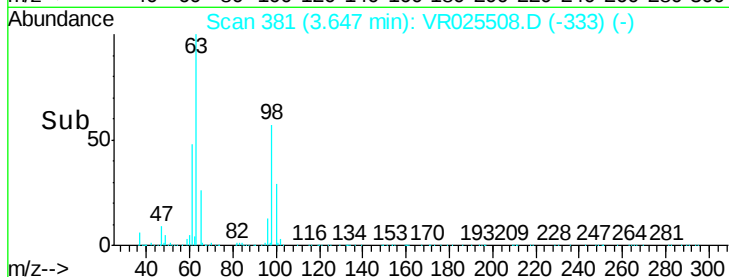
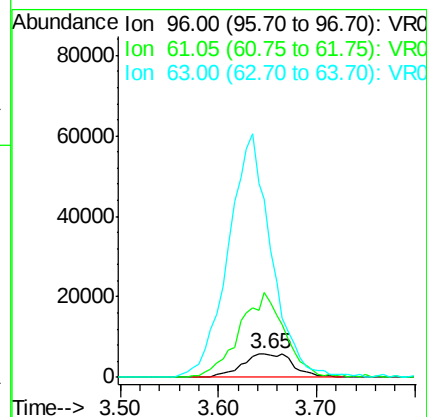
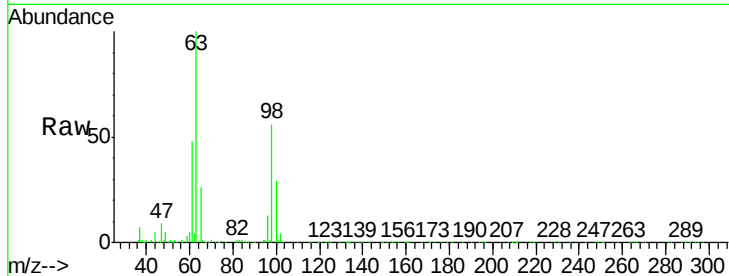
Tot Ion: 96 Resp: 21198

Ion Ratio Lower Upper

96 100

61 360.0 155.0 287.9#

63 754.4 122.3 227.1#



#19

1,1-Dichloroethane

Concen: 0.67 ug/L

RT: 5.69 min Scan# 717

Delta R.T. -0.01 min

Lab File: VR025508.D

Acq: 18 Jul 2018 15:56

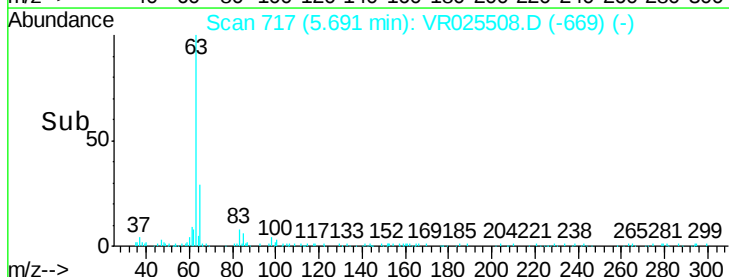
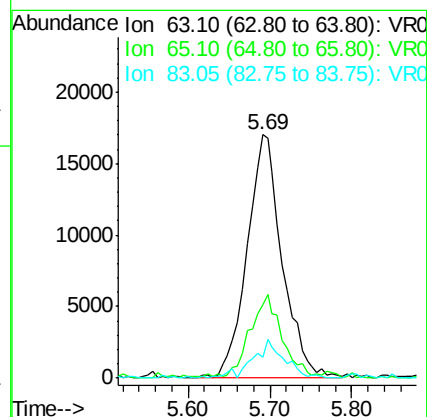
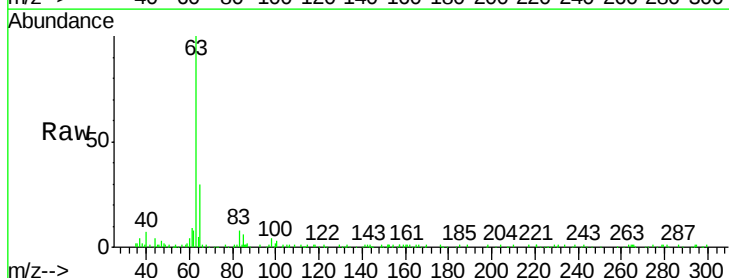
Tgt Ion: 63 Resp: 50731

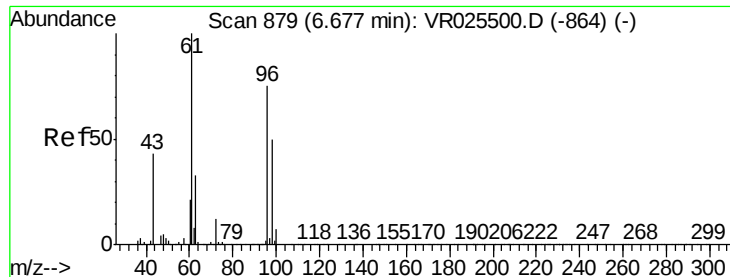
Ion Ratio Lower Upper

63 100

65 29.9 22.5 41.7

83 8.4 9.5 17.7#





#22

cis-1,2-Dichloroethene

Concen: 8.78 ug/L

RT: 6.68 min Scan# 879

Delta R.T. -0.00 min

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C0AG5

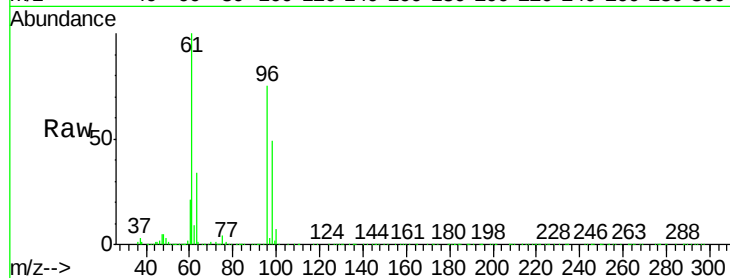
Tot Ion: 96 Resp: 355390

Ion Ratio Lower Upper

96 100

61 133.6 91.0 169.0

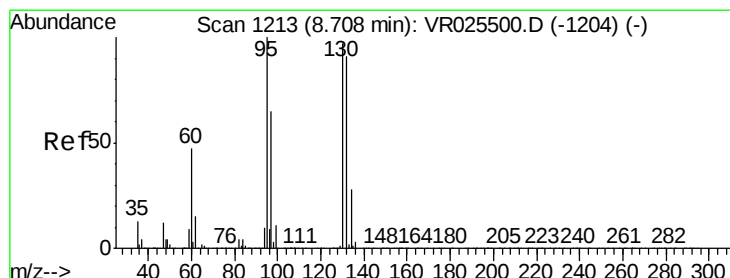
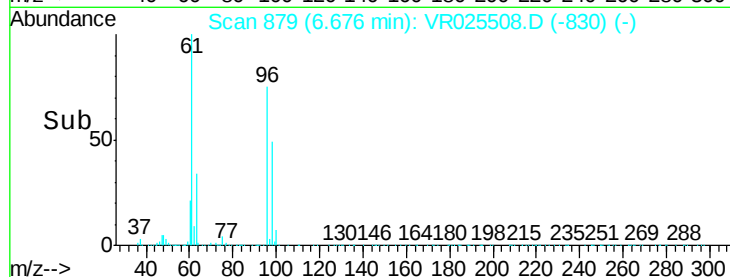
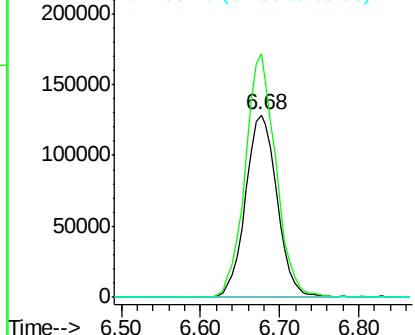
68 0.0 0.0 0.0#



Abundance Ion 96.00 (95.70 to 96.70): VR0

Ion 61.05 (60.75 to 61.75): VR0

Ion 68.15 (67.85 to 68.85): VR0



#34

Trichloroethene

Concen: 56.76 ug/L

RT: 8.71 min Scan# 1213

Delta R.T. -0.00 min

Lab File: VR025508.D

Acq: 18 Jul 2018 15:56

Tgt Ion: 95 Resp: 2456878

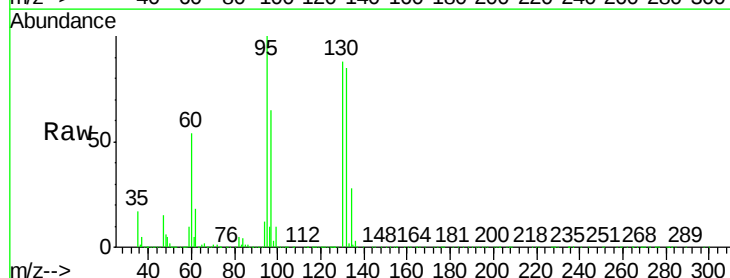
Ion Ratio Lower Upper

95 100

97 65.3 45.6 84.6

132 84.7 60.9 113.1

130 88.0 62.0 115.2

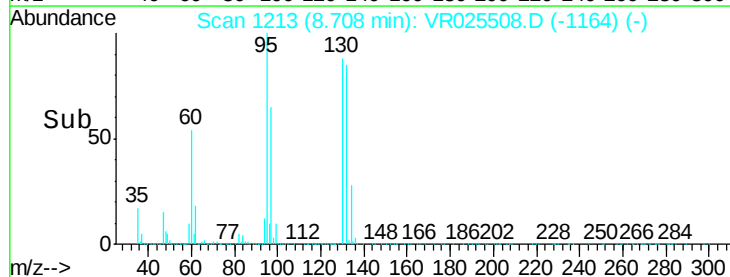
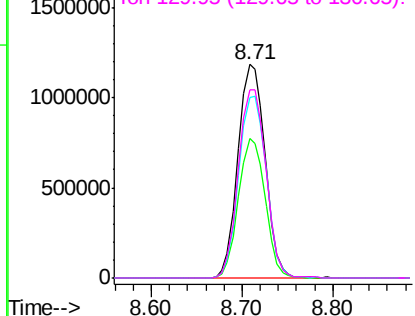


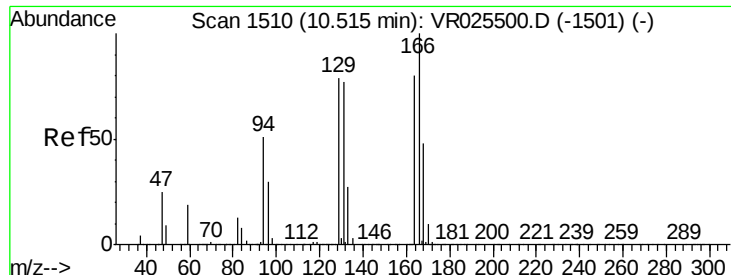
Abundance Ion 95.00 (94.70 to 95.70): VR0

Ion 96.95 (96.65 to 97.65): VR0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V





#47

Tetrachloroethene

Concen: 1.90 ug/L

RT: 10.52 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VR025508.D

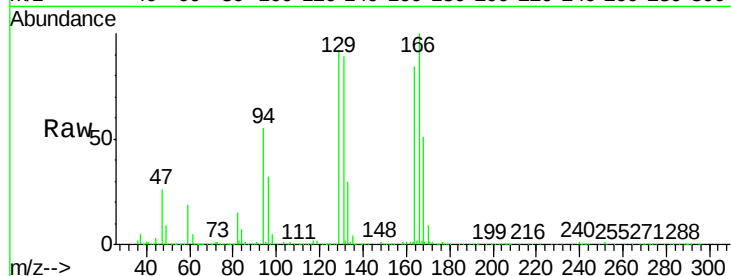
Acq: 18 Jul 2018 15:56

Instrument :

MSVOA_R

ClientSampleId :

C0AG5



Tot Ion:164 Resp: 53828

Ion Ratio Lower Upper

164 100

129 109.5 68.1 126.5

131 106.3 68.5 127.1

166 119.1 89.9 166.9

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

