

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV082720\
 Data File : VV018114.D
 Acq On : 27 Aug 2020 13:55
 Operator : SY/MD
 Sample : L3800-18
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3G5

Quant Time: Aug 28 06:51:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 28 06:20:16 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	265382	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	265630	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	130378	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	85657	42.30	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.60%
7) Chloroethane-d5	1.58	69	77612	46.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.70%
11) 1,1-Dichloroethene-d2	2.12	63	132978	34.33	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.66%
21) 2-Butanone-d5	3.91	46	121441	91.57	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.57%
24) Chloroform-d	4.38	84	168502	45.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.42%
26) 1,2-Dichloroethane-d4	5.06	65	115220	48.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.26%
32) Benzene-d6	5.08	84	339129	46.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.66%
36) 1,2-Dichloropropane-d6	6.09	67	112128	46.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.70%
41) Toluene-d8	7.34	98	299441	45.48	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.96%
43) trans-1,3-Dichloropropene-	7.64	79	52089	47.99	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.98%
47) 2-Hexanone-d5	8.11	63	65252	84.96	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	84.96%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	143361	46.00	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.00%
64) 1,2-Dichlorobenzene-d4	11.65	152	128847	50.21	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.42%

Target Compounds

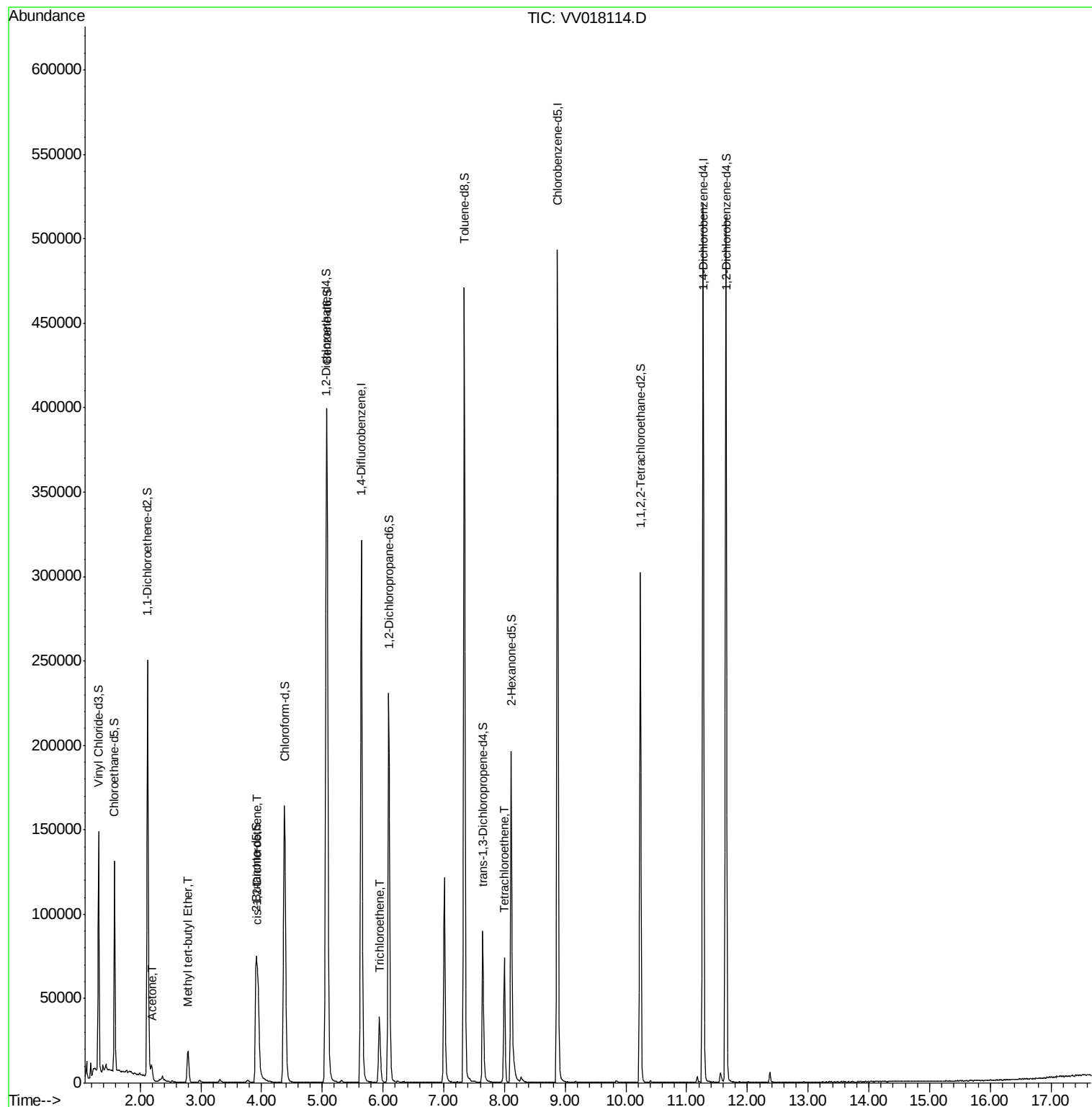
					Ovalue
13) Acetone	2.19	43	10570	7.716	ug/L 98
18) Methyl tert-butyl Ether	2.79	73	17678	2.921	ug/L 98
20) cis-1,2-Dichloroethene	3.94	96	21856	10.869	ug/L 97
34) Trichloroethene	5.94	95	11982	5.516	ug/L 99
46) Tetrachloroethene	8.00	164	17048	10.701	ug/L 97

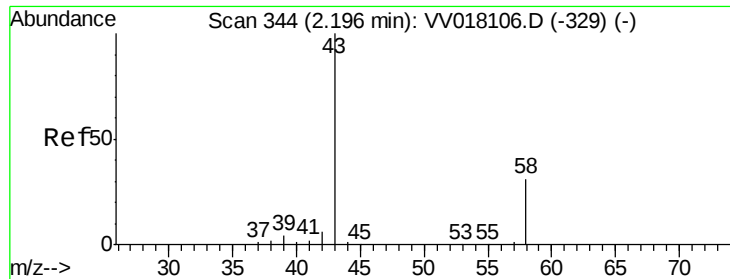
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 7.716 ug/L

RT: 2.19 min Scan# 342

Delta R.T. -0.01 min

Lab File: VV018114.D

Acq: 27 Aug 2020 13:55

Instrument :

MSVOA_V

ClientSampleId :

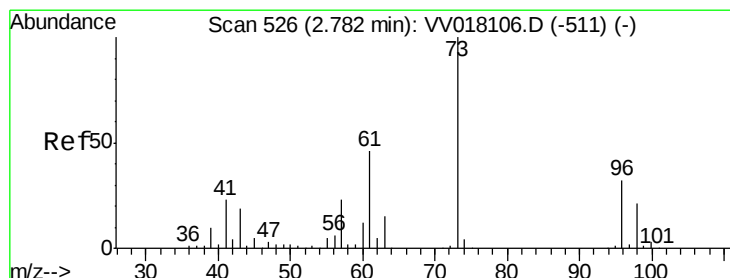
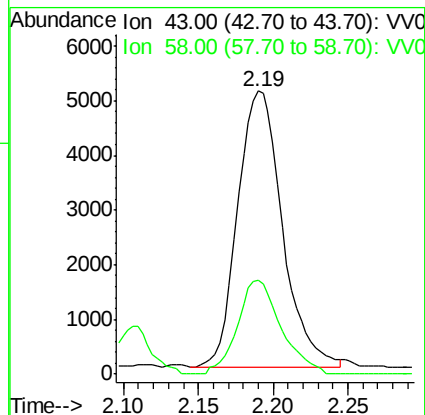
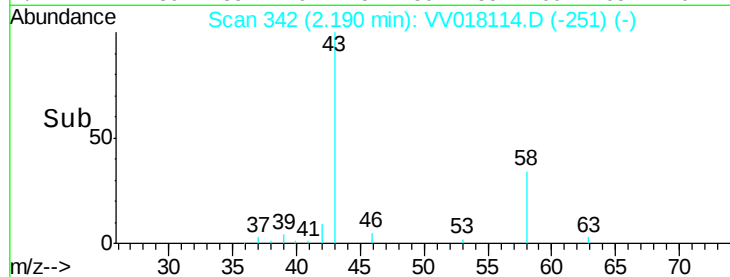
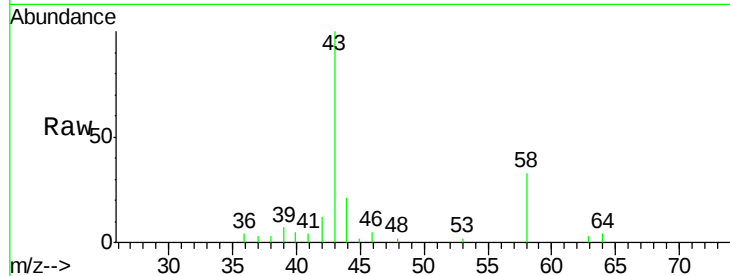
BG3G5

Tot Ion: 43 Resp: 10570

Ion Ratio Lower Upper

43 100

58 32.9 0.0 63.6



#18

Methyl tert-butyl Ether

Concen: 2.921 ug/L

RT: 2.79 min Scan# 528

Delta R.T. 0.01 min

Lab File: VV018114.D

Acq: 27 Aug 2020 13:55

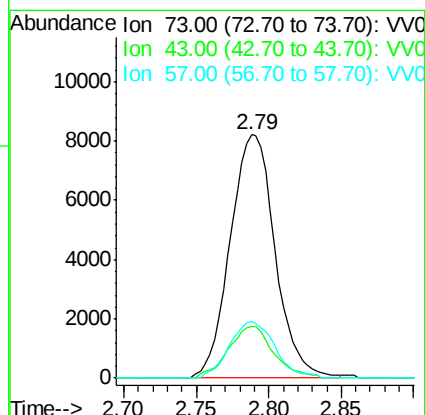
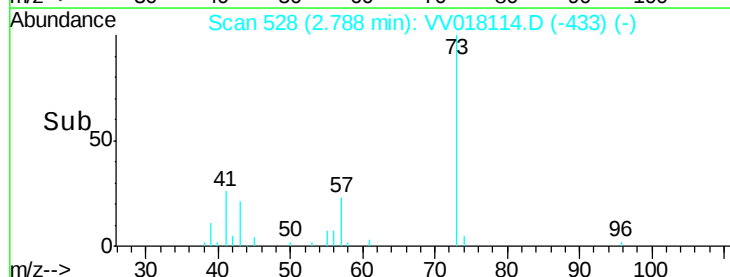
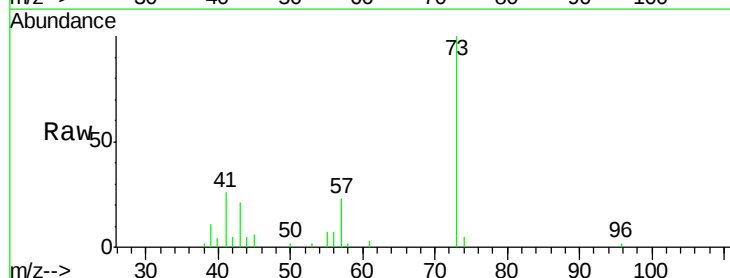
Tgt Ion: 73 Resp: 17678

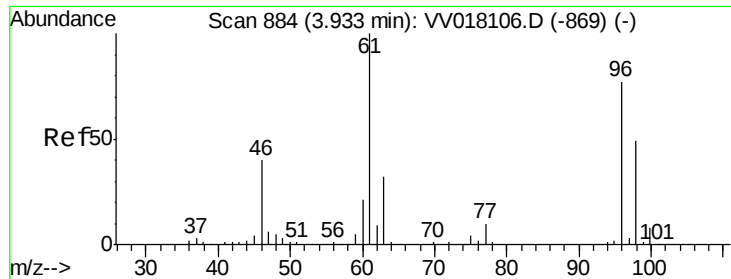
Ion Ratio Lower Upper

73 100

43 21.4 15.9 23.9

57 23.5 18.1 27.1

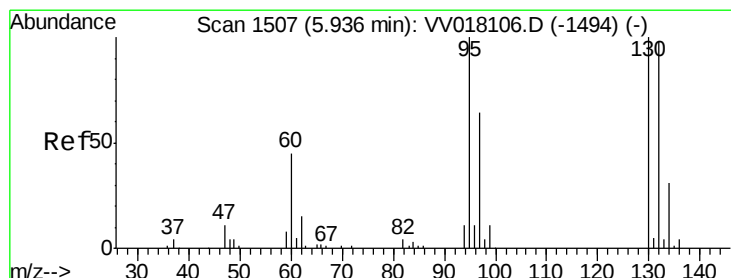
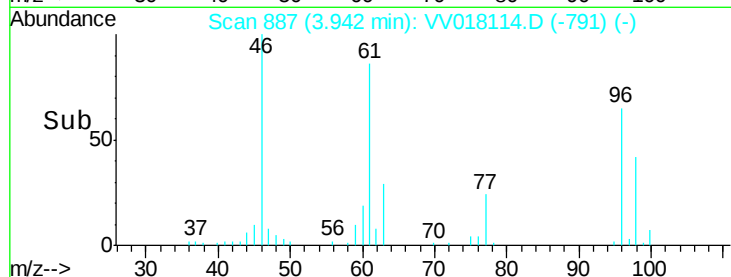
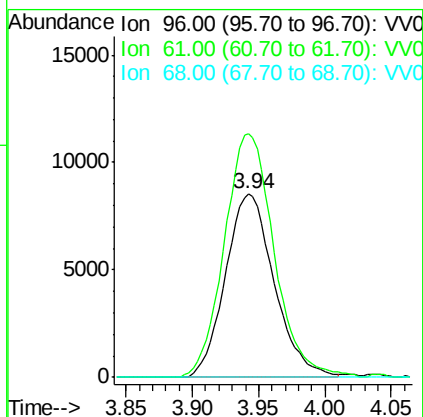
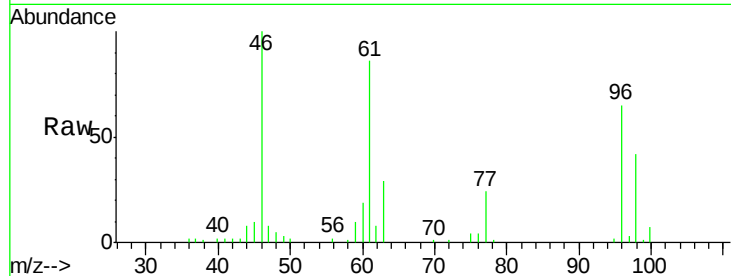




#20
 cis-1,2-Dichloroethene
 Concen: 10.869 ug/L
 RT: 3.94 min Scan# 887
 Delta R.T. 0.01 min
 Lab File: VV018114.D
 Acq: 27 Aug 2020 13:55

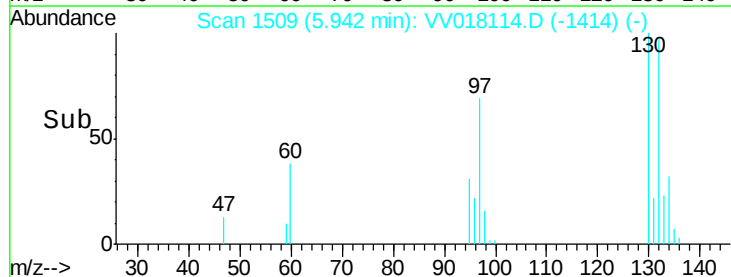
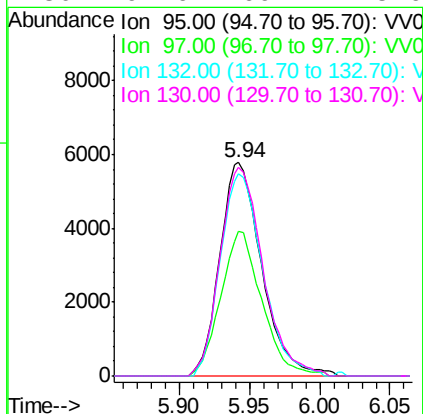
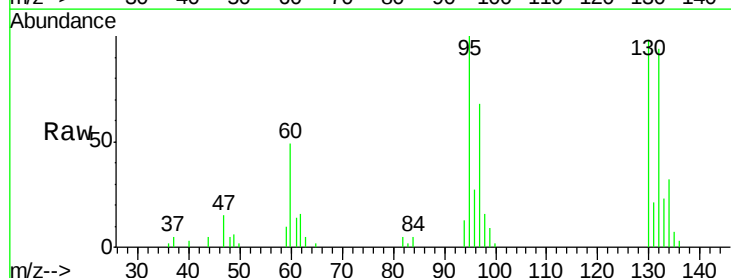
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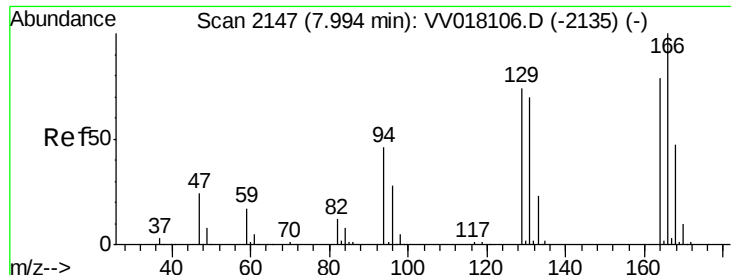
Tot Ion: 96 Resp: 21856
 Ion Ratio Lower Upper
 96 100
 61 132.4 95.0 176.4
 68 0.0 0.0 0.0



#34
 Trichloroethene
 Concen: 5.516 ug/L
 RT: 5.94 min Scan# 1509
 Delta R.T. 0.01 min
 Lab File: VV018114.D
 Acq: 27 Aug 2020 13:55

Tgt Ion: 95 Resp: 11982
 Ion Ratio Lower Upper
 95 100
 97 67.8 46.0 85.4
 132 94.5 65.8 122.2
 130 97.6 69.2 128.6





#46

Tetrachloroethene

Concen: 10.701 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. 0.00 min

Lab File: VV018114.D

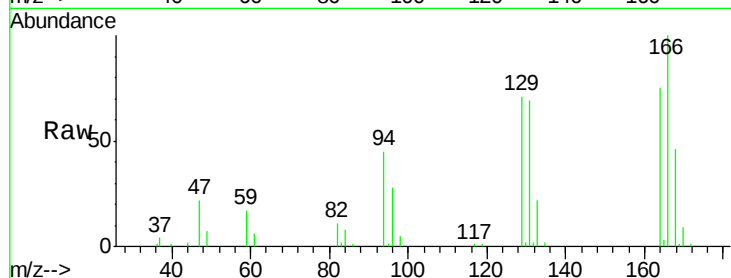
Acq: 27 Aug 2020 13:55

Instrument :

MSVOA_V

ClientSampleId :

BG3G5



Tot Ion:164 Resp: 17048

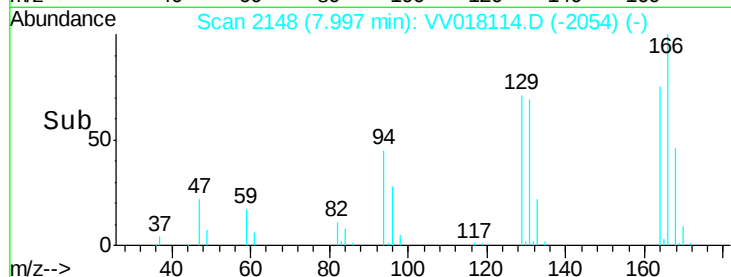
Ion Ratio Lower Upper

164 100

129 94.2 64.8 120.3

131 92.1 64.5 119.9

166 133.1 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

