

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV101520\
 Data File : VV018912.D
 Acq On : 15 Oct 2020 15:43
 Operator : SY/MD
 Sample : L4382-01
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3P5

Quant Time: Oct 16 08:45:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM101420WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 16 08:38:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	360284	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	358348	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	167956	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	129767	43.76	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.52%
7) Chloroethane-d5	1.58	69	106087	45.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.30%
11) 1,1-Dichloroethene-d2	2.12	63	190196	33.97	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.94%
21) 2-Butanone-d5	3.91	46	173216	83.79	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	83.79%
24) Chloroform-d	4.38	84	228085	42.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.60%
26) 1,2-Dichloroethane-d4	5.06	65	159886	45.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.42%
32) Benzene-d6	5.07	84	462976	44.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.52%
36) 1,2-Dichloropropane-d6	6.09	67	149498	44.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.40%
41) Toluene-d8	7.34	98	415398	44.26	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.52%
43) trans-1,3-Dichloropropene-	7.64	79	70695	43.24	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.48%
47) 2-Hexanone-d5	8.11	63	97175	78.21	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	78.21%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	157512	40.18	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	80.36%
64) 1,2-Dichlorobenzene-d4	11.65	152	164192	48.05	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.10%

Target Compounds

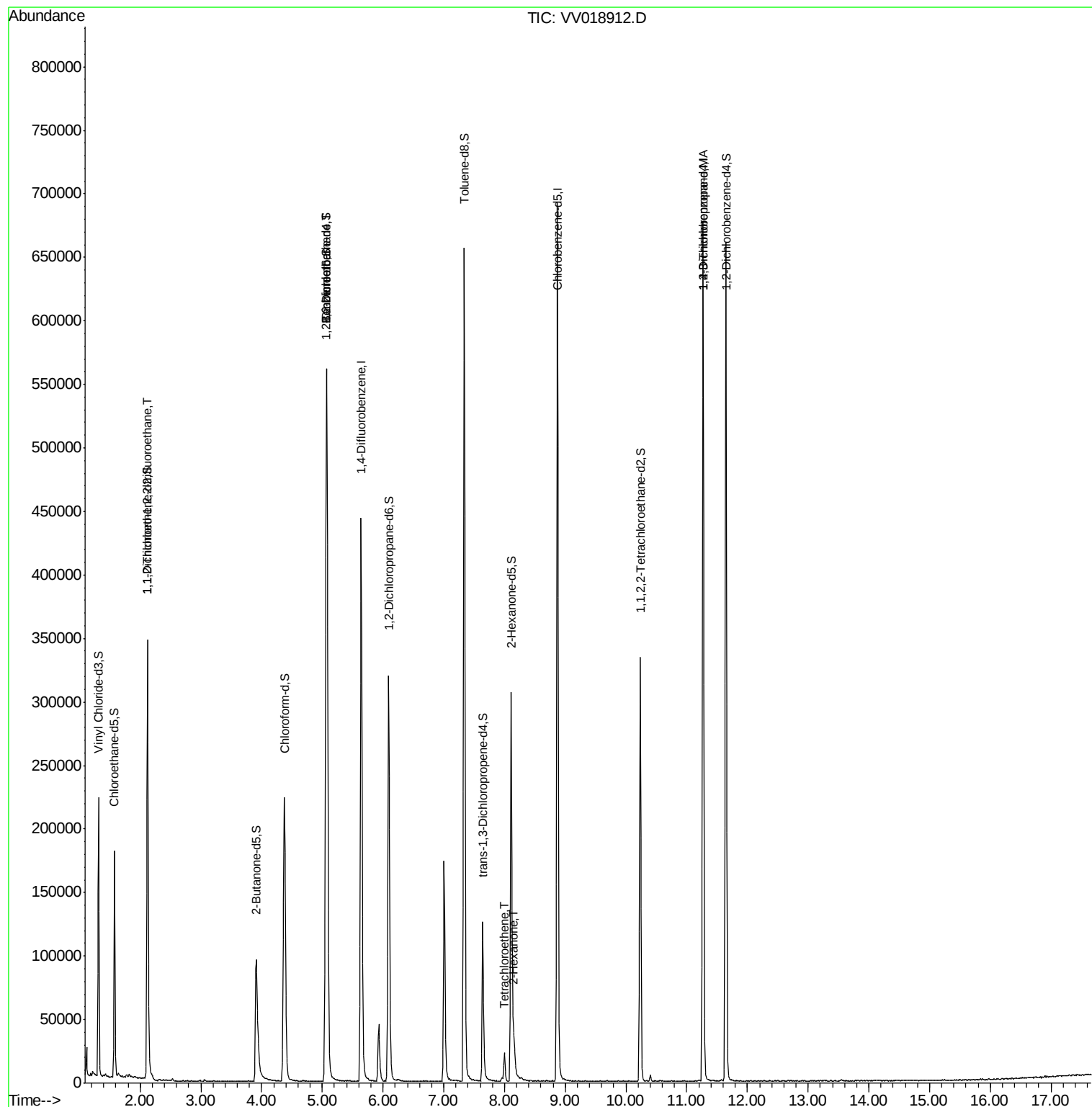
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	1731	0.741 ug/L #	20
27) 1,2-Dichloroethane	5.07	62	2798	0.666 ug/L	99
46) Tetrachloroethene	8.00	164	4868	2.181 ug/L	96
48) 2-Hexanone	8.16	43	14257	4.434 ug/L #	88
59) 1,2,3-Trichloropropane	11.27	75	20501	5.759 ug/L	92

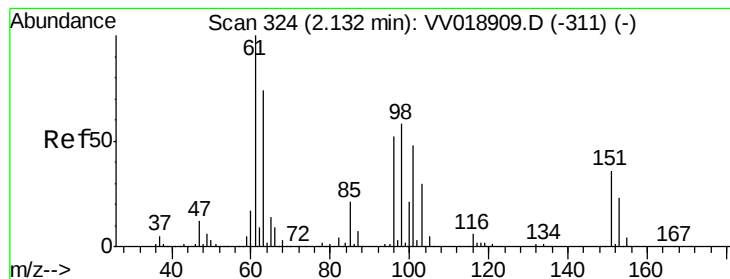
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Oct 16 08:38:45 2020
Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.741 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV018912.D

Acq: 15 Oct 2020 15:43

Instrument :

MSVOA_V

ClientSampleId :

BG3P5

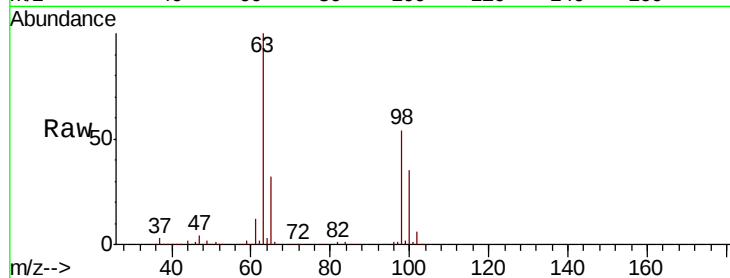
Tot Ion:101 Resp: 1731

Ion Ratio Lower Upper

101 100

85 0.0 35.0 52.4#

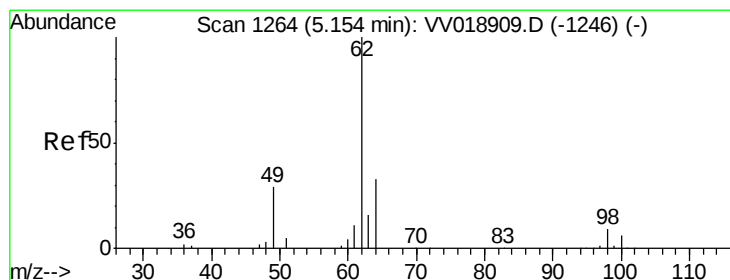
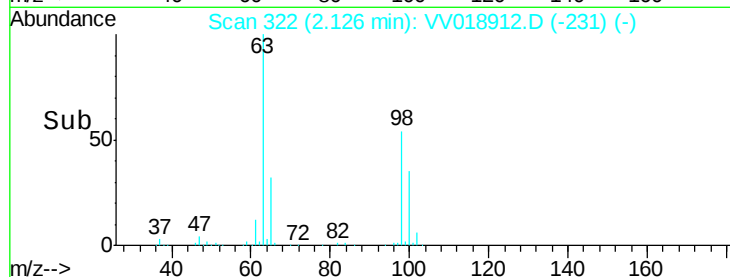
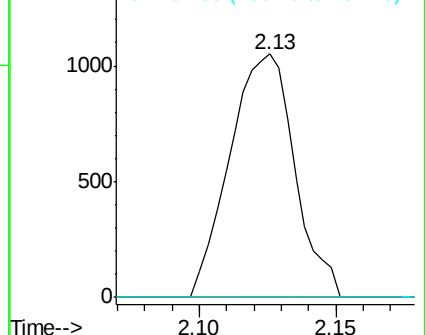
151 0.0 59.7 89.5#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



#27

1,2-Dichloroethane

Concen: 0.666 ug/L

RT: 5.07 min Scan# 1238

Delta R.T. -0.08 min

Lab File: VV018912.D

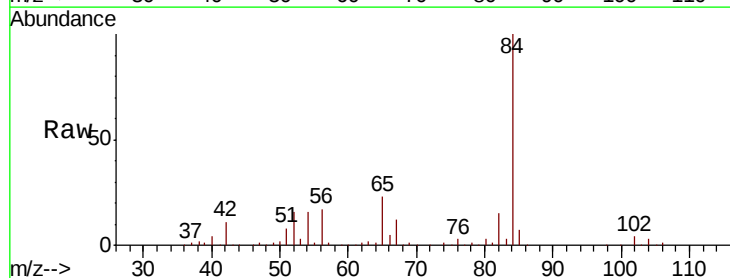
Acq: 15 Oct 2020 15:43

Tgt Ion: 62 Resp: 2798

Ion Ratio Lower Upper

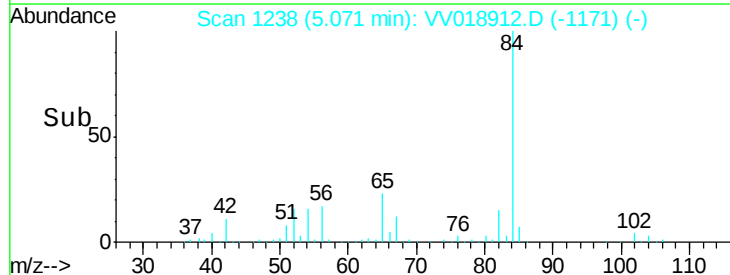
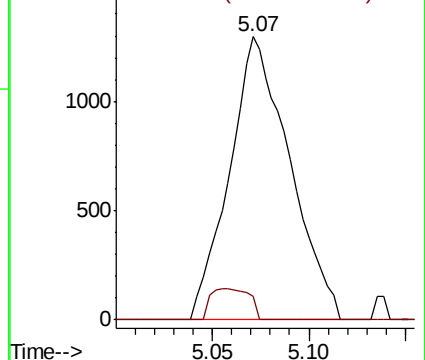
62 100

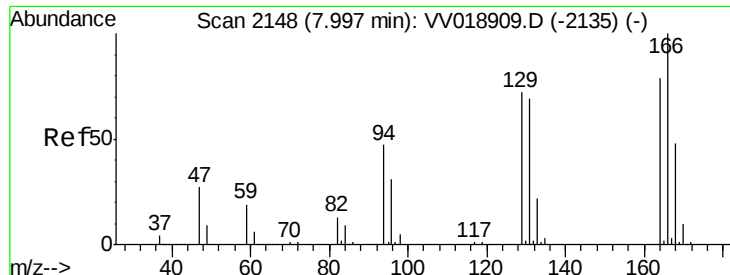
98 8.3 7.0 10.6



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 98.00 (97.70 to 98.70): VV0





#46

Tetrachloroethene

Concen: 2.181 ug/L

RT: 8.00 min Scan# 2149

Delta R.T. 0.00 min

Lab File: VV018912.D

Acq: 15 Oct 2020 15:43

Instrument :

MSVOA_V

ClientSampleId :

BG3P5

Tot Ion:164 Resp: 4868

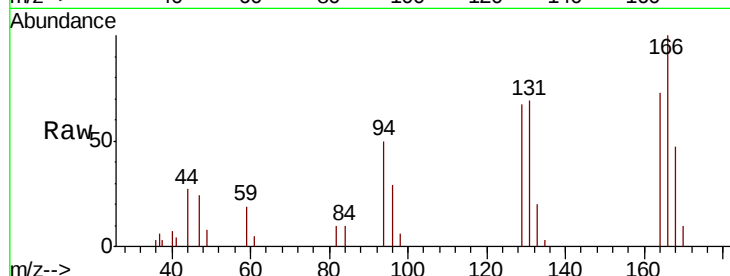
Ion Ratio Lower Upper

164 100

129 91.5 65.0 120.8

131 93.6 62.9 116.7

166 136.4 91.1 169.3

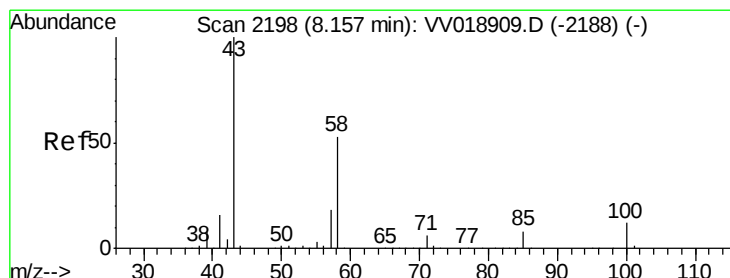
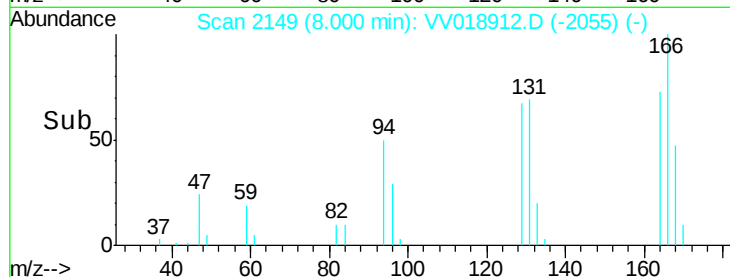
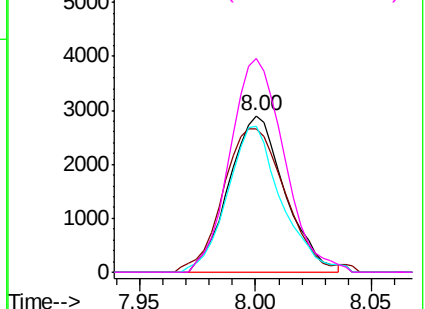


Abundance Ion 164.00 (163.70 to 164.70): V

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



#48

2-Hexanone

Concen: 4.434 ug/L

RT: 8.16 min Scan# 2198

Delta R.T. 0.00 min

Lab File: VV018912.D

Acq: 15 Oct 2020 15:43

Tgt Ion: 43 Resp: 14257

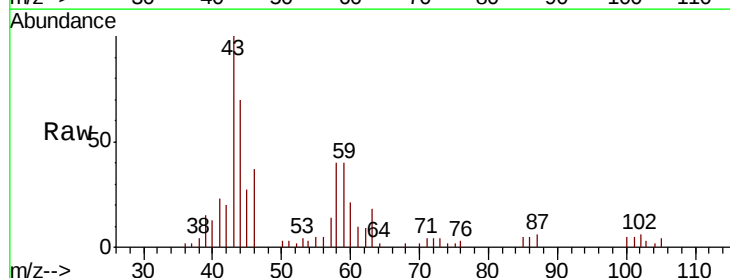
Ion Ratio Lower Upper

43 100

58 43.6 42.5 63.7

57 13.9 14.5 21.7#

100 7.4 9.0 13.4#

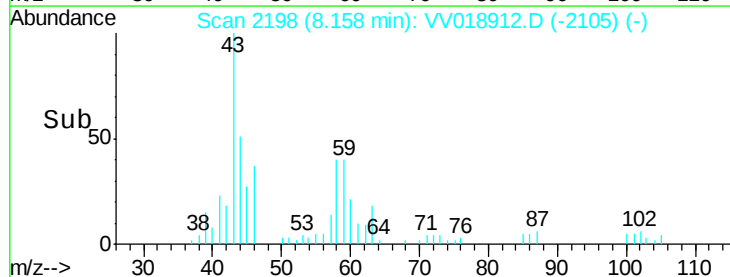
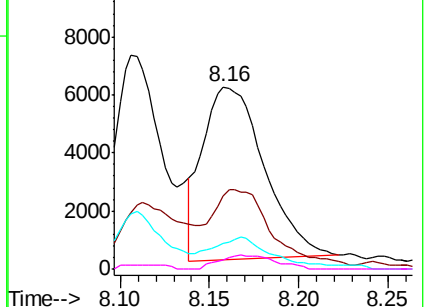


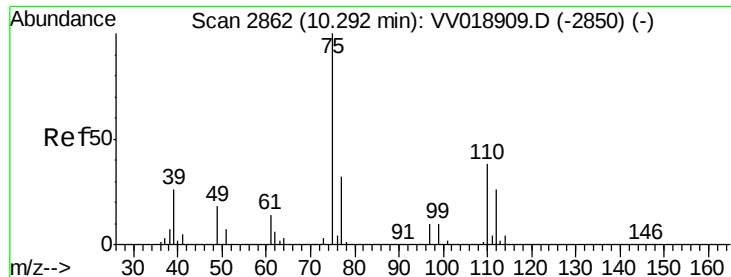
Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

Ion 57.00 (56.70 to 57.70): VV0

Ion 100.00 (99.70 to 100.70): VV0





#59

1,2,3-Trichloropropane

Concen: 5.759 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV018912.D

Acq: 15 Oct 2020 15:43

Instrument :

MSVOA_V

ClientSampleId :

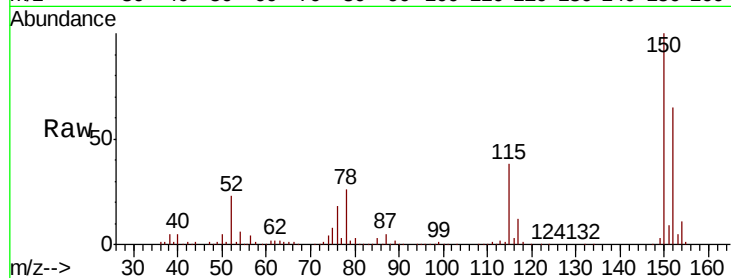
BG3P5

Tot Ion: 75 Resp: 20501

Ion Ratio Lower Upper

75 100

77 36.2 25.4 38.2



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

