

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072720\
 Data File : VW015964.D
 Acq On : 27 Jul 2020 12:08
 Operator : SY/VA
 Sample : L3458-03
 Misc : 4.94G/10ML/MSVOA W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAY31

Quant Time: Jul 28 01:38:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072020S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jul 28 01:36:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	357396	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	334986	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	145361	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	86377	17.13	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	68.52%
7) Chloroethane-d5	2.90	69	70281	17.16	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	68.64%
10) 1,1-Dichloroethene-d2	4.01	63	134148	13.16	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	52.64%
20) 2-Butanone-d5	7.09	46	88638	66.91	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	133.82%
24) Chloroform-d	7.65	84	171840	17.12	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	68.48%
26) 1,2-Dichloroethane-d4	8.31	65	105829	19.21	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	76.84%
29) Benzene-d6	8.28	84	350708	17.20	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	68.80%
33) 1,2-Dichloropropane-d6	9.28	67	110248	18.04	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	72.16%
37) Toluene-d8	10.33	98	308603	16.71	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	66.84%
38) trans-1,3-Dichloropropene-	10.58	79	47439	18.21	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	72.84%
39) 2-Hexanone-d5	10.93	63	69031	67.82	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	135.64%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	121931	25.95	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	103.80%
61) 1,2-Dichlorobenzene-d4	13.85	152	107126	18.90	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	75.60%

Target Compounds

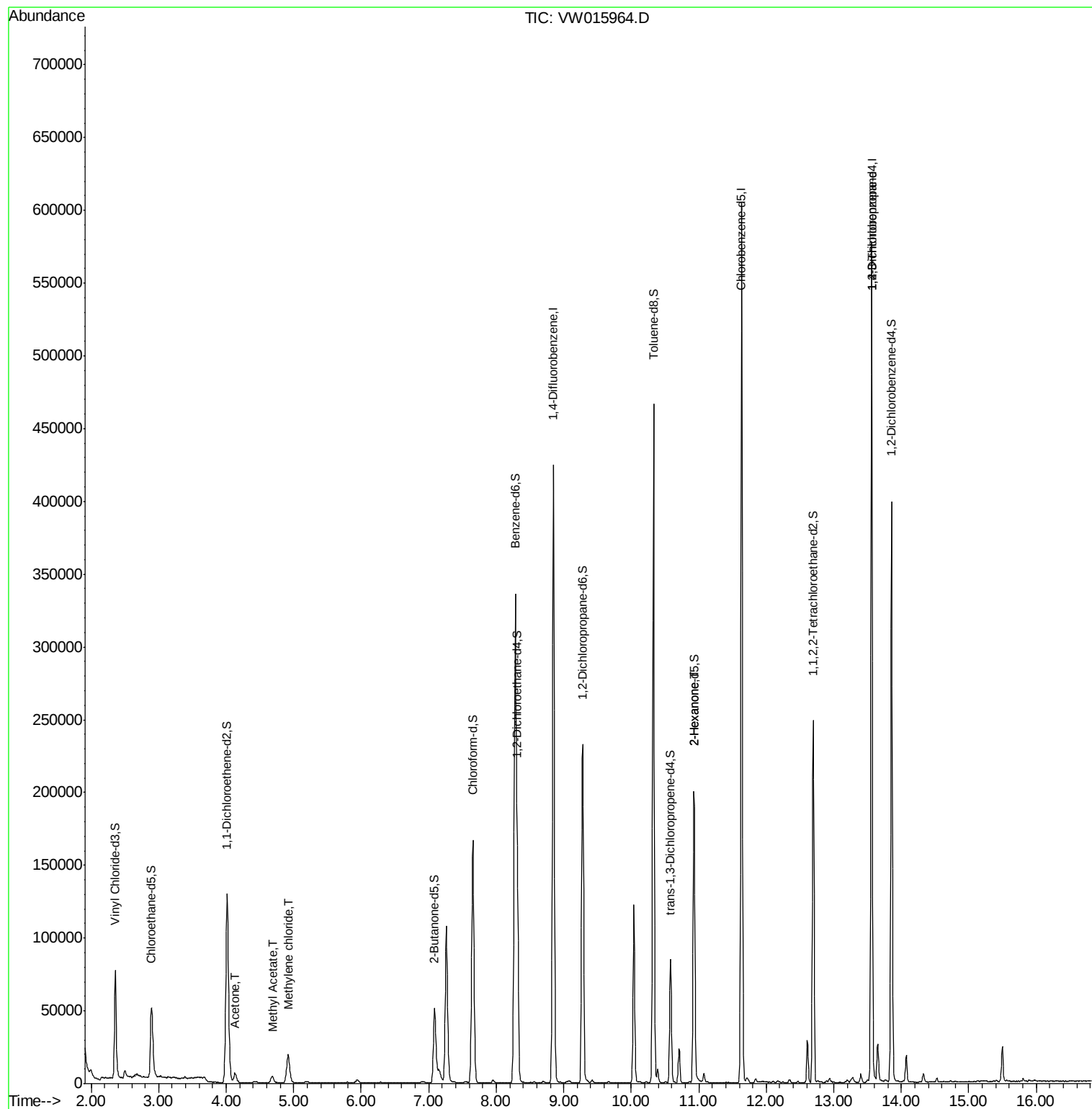
					Ovalue
13) Acetone	4.13	43	11904	10.700	ug/L 94
15) Methyl Acetate	4.68	43	8690	4.143	ug/L 99
16) Methylene chloride	4.92	84	15220	2.599	ug/L 93
49) 2-Hexanone	10.93	43	8803	4.217	ug/L # 68
59) 1,2,3-Trichloropropane	13.56	75	17813	5.586	ug/L 95

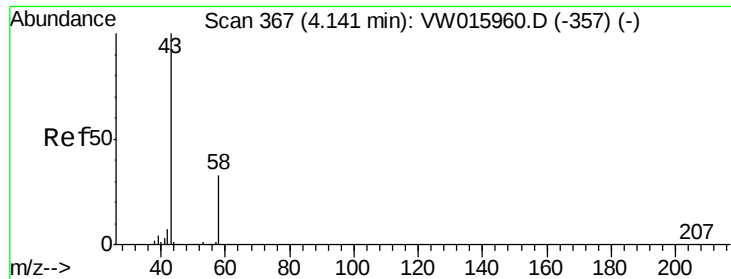
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Jul 28 01:36:11 2020
Response via : Initial Calibration





#13

Acetone

Concen: 10.700 ug/L

RT: 4.13 min Scan# 365

Delta R.T. -0.01 min

Lab File: VW015964.D

Acq: 27 Jul 2020 12:08

Instrument :

MSVOA_W

ClientSampleId :

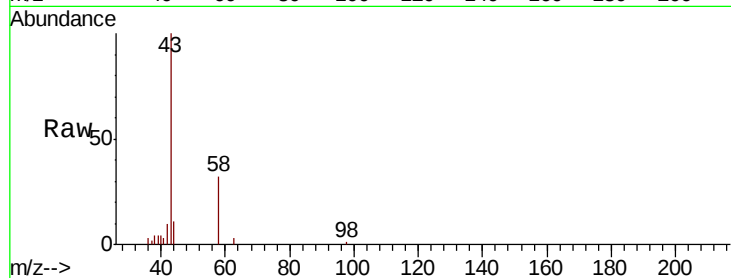
GAY31

Tot Ion: 43 Resp: 11904

Ion Ratio Lower Upper

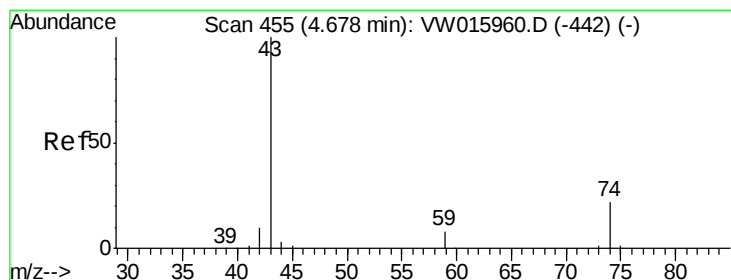
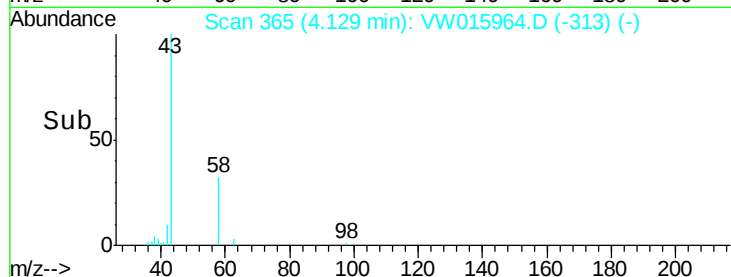
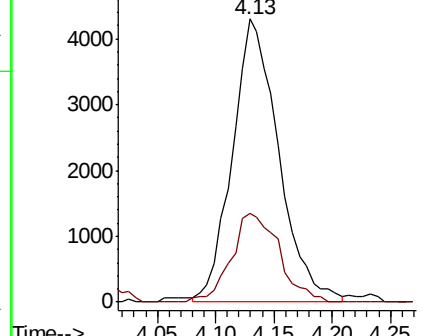
43 100

58 32.4 0.0 58.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#15

Methyl Acetate

Concen: 4.143 ug/L

RT: 4.68 min Scan# 456

Delta R.T. 0.01 min

Lab File: VW015964.D

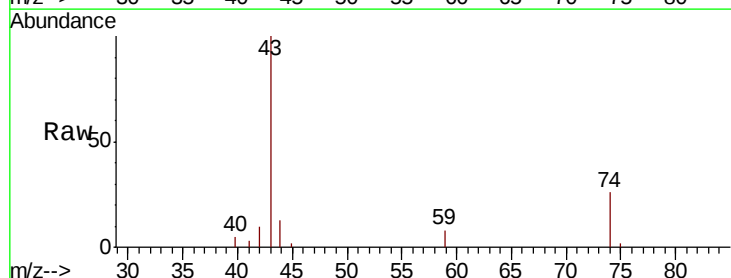
Acq: 27 Jul 2020 12:08

Tgt Ion: 43 Resp: 8690

Ion Ratio Lower Upper

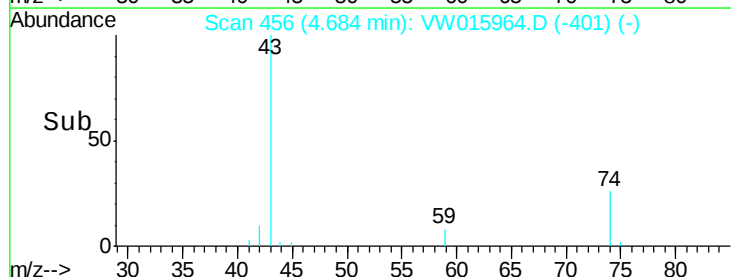
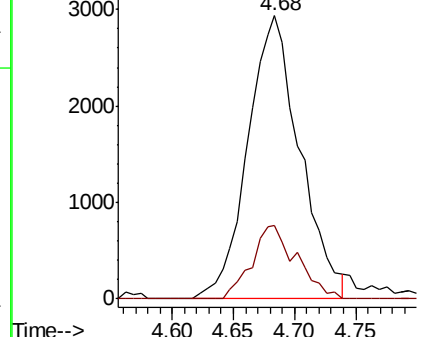
43 100

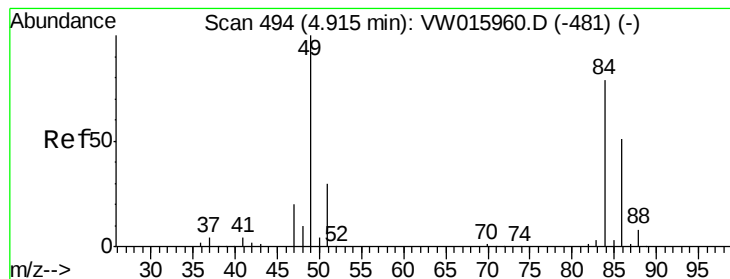
74 22.3 18.2 27.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW





#16

Methvlene chloride

Concen: 2.599 ug/L

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

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Acq: 27 Jul 2020 12:08

Instrument :

MSVOA_W

ClientSampleId :

GAY31

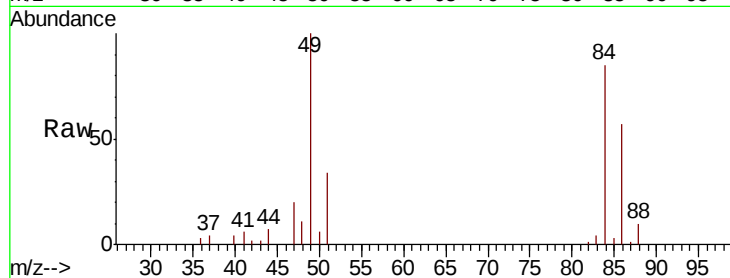
Tot Ion: 84 Resp: 15220

Ion Ratio Lower Upper

84 100

49 118.0 91.1 169.1

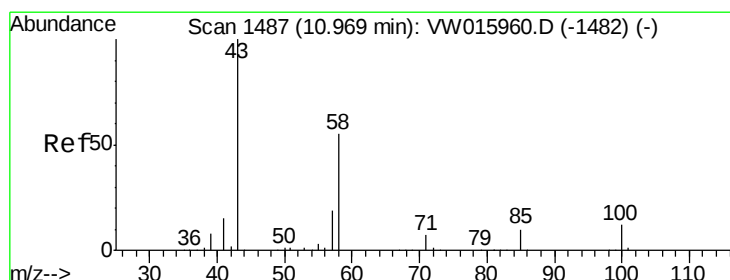
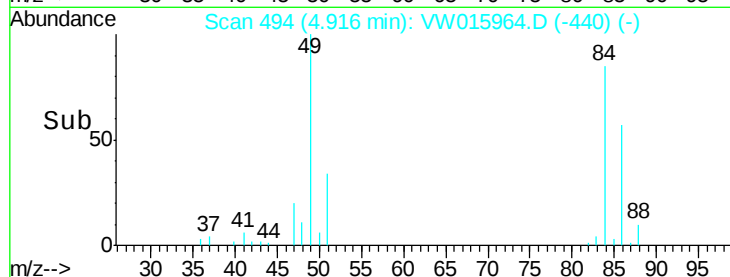
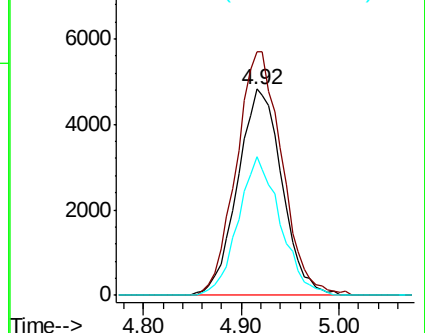
86 67.1 46.0 85.4



Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW



#49

2-Hexanone

Concen: 4.217 ug/L

RT: 10.93 min Scan# 1480

Delta R.T. -0.04 min

Lab File: VW015964.D

Acq: 27 Jul 2020 12:08

Tgt Ion: 43 Resp: 8803

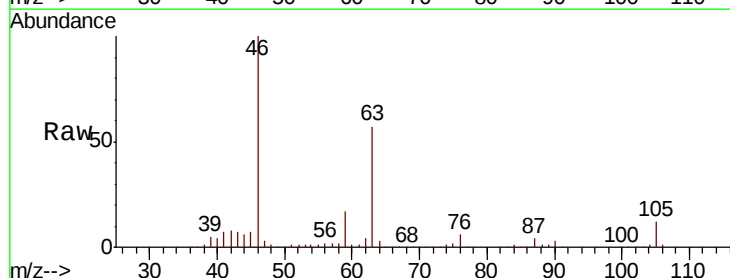
Ion Ratio Lower Upper

43 100

58 25.3 42.4 63.6#

57 29.7 15.6 23.4#

100 4.8 9.8 14.6#

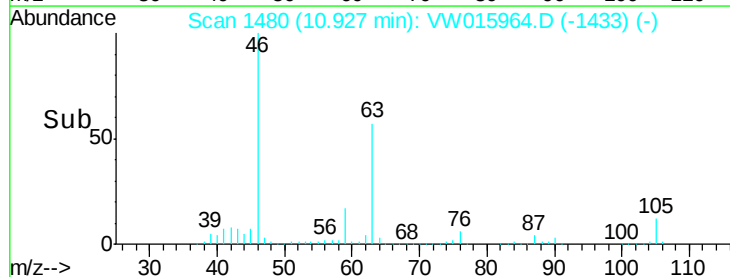
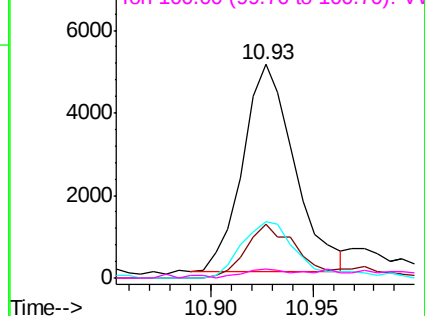


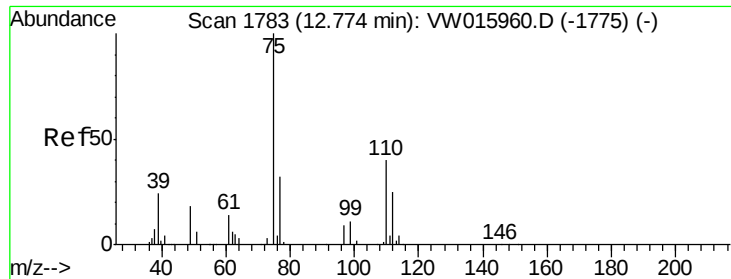
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

Ion 57.00 (56.70 to 57.70): VW

Ion 100.00 (99.70 to 100.70): VW





#59

1,2,3-Trichloropropane

Concen: 5.586 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW015964.D

Acq: 27 Jul 2020 12:08

Instrument :

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ClientSampleId :

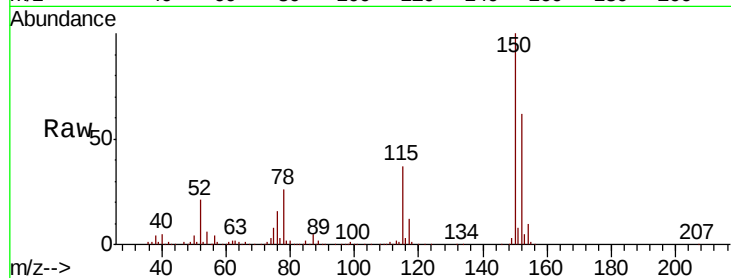
GAY31

Tot Ion: 75 Resp: 17813

Ion Ratio Lower Upper

75 100

77 35.6 26.0 39.0



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

