

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR071718\
 Data File : VR025489.D
 Acq On : 17 Jul 2018 12:07
 Operator : SY/MD
 Sample : J4002-03
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 C0AG0

Quant Time: Jul 18 01:15:51 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR070518WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Jul 18 01:02:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	587825	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	291651	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	176138	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	73958	4.56	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.20%
7) Chloroethane-d5	2.62	69	61453	4.45	ug/L	-0.02
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.00%
11) 1,1-Dichloroethene-d2	3.63	63	160818	3.28	ug/L	-0.01
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.60%
20) 2-Butanone-d5	6.59	46	163369	32.46	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	64.92%
24) Chloroform-d	7.21	84	346783	4.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.60%
26) 1,2-Dichloroethane-d4	7.89	65	128819	4.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.80%
32) Benzene-d6	7.86	84	840590	8.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	172.20%#
36) 1,2-Dichloropropane-d6	8.90	67	203742	7.20	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	144.00%#
41) Toluene-d8	9.97	98	880552	10.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	205.60%#
43) trans-1,3-Dichloropropene-	10.24	79	53122	7.08	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	141.60%#
46) 2-Hexanone-d5	10.59	63	157094	64.79	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	129.58%
57) 1,1,2,2-Tetrachloroethane-	12.38	84	116695	9.22	ug/L	0.02
Spiked Amount	5.000	Range	65 - 120	Recovery	=	184.40%#
64) 1,2-Dichlorobenzene-d4	13.51	152	146958	5.05	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.00%

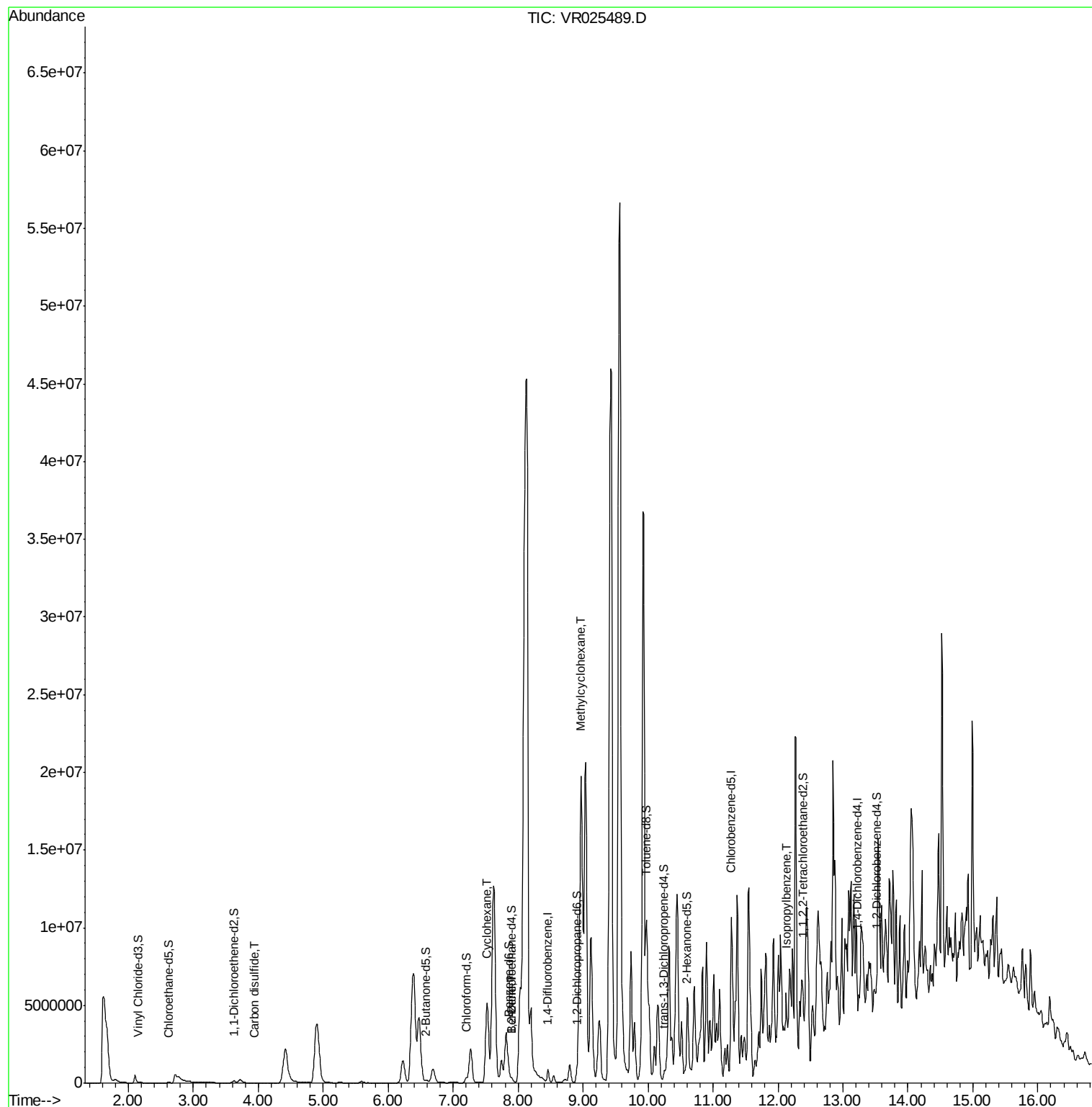
Target Compounds						Ovalue
14) Carbon disulfide	3.95	76	34085	0.85	ug/L	# 93
30) Cyclohexane	7.52	56	3956696	124.33	ug/L	89
33) Benzene	7.91	78	110811	1.10	ug/L	100
35) Methylcyclohexane	8.96	83	4923895	143.90	ug/L	# 69
56) Isopropylbenzene	12.13	105	1587840	17.70	ug/L	98

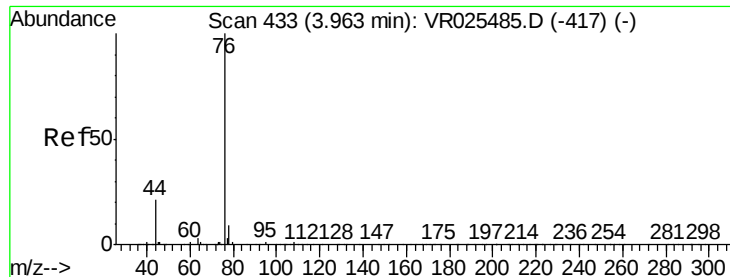
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Jul 18 01:02:47 2018
Response via : Initial Calibration





#14

Carbon disulfide

Concen: 0.85 ug/L

RT: 3.95 min Scan# 431

Delta R.T. -0.01 min

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Acq: 17 Jul 2018 12:07

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ClientSampleId :

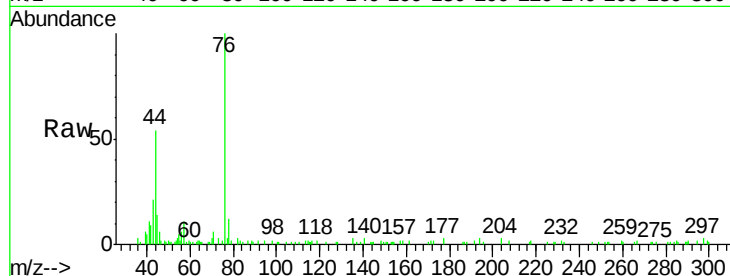
C0AG0

Tot Ion: 76 Resp: 34085

Ion Ratio Lower Upper

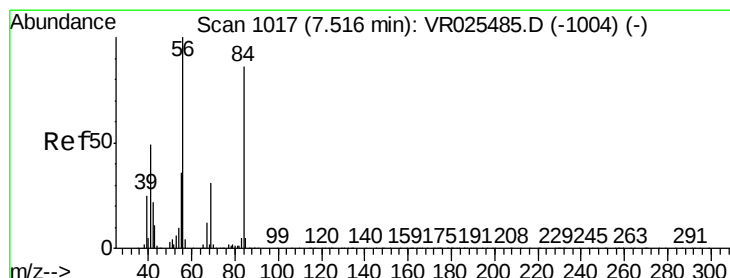
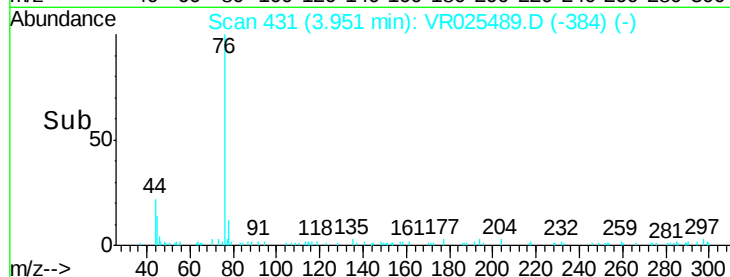
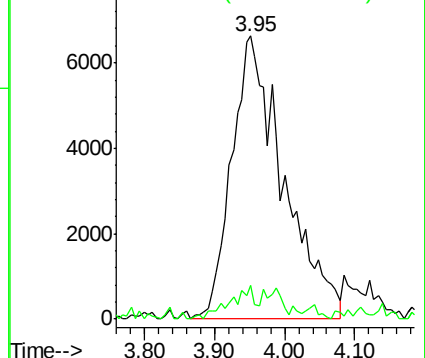
76 100

78 12.0 7.4 11.2#



Abundance Ion 76.05 (75.75 to 76.75): VR0

Ion 78.00 (77.70 to 78.70): VR0



#30

Cyclohexane

Concen: 124.33 ug/L

RT: 7.52 min Scan# 1018

Delta R.T. 0.01 min

Lab File: VR025489.D

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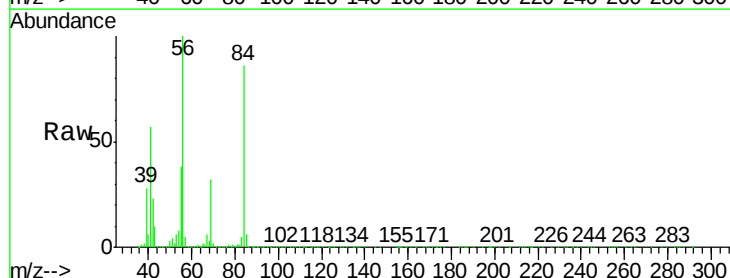
Tgt Ion: 56 Resp: 3956696

Ion Ratio Lower Upper

56 100

69 33.0 23.7 35.5

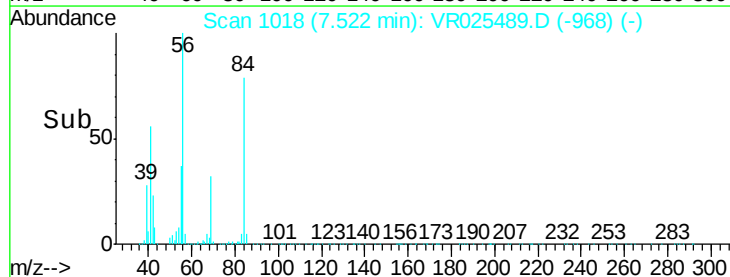
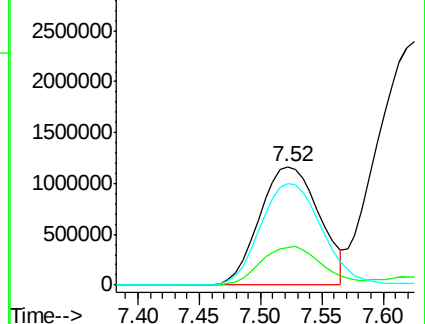
84 88.8 62.6 93.8

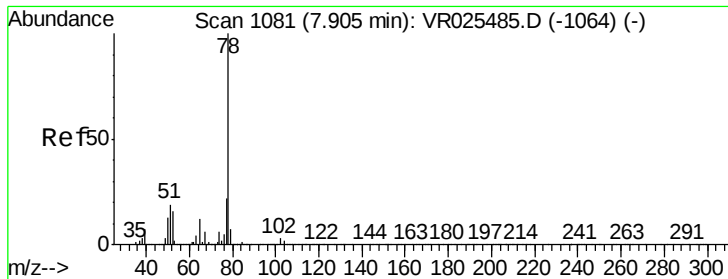


Abundance Ion 56.10 (55.80 to 56.80): VR0

Ion 69.15 (68.85 to 69.85): VR0

Ion 84.15 (83.85 to 84.85): VR0





#33

Benzene

Concen: 1.10 ug/L

RT: 7.91 min Scan# 1082

Delta R.T. 0.01 min

Lab File: VR025489.D

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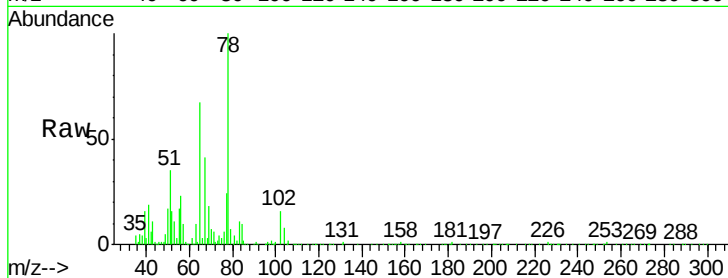
Instrument :

MSVOA_R

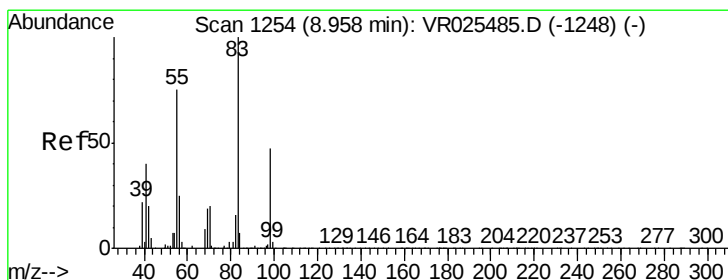
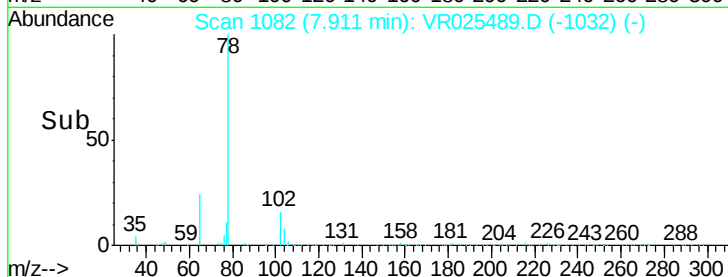
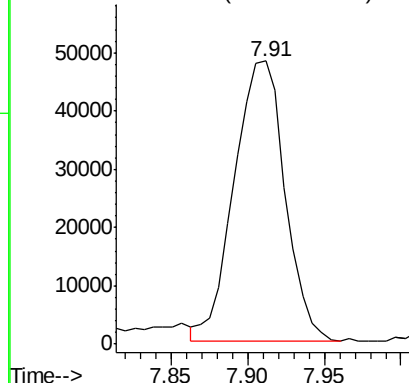
ClientSampleId :

C0AG0

Tgt Ion: 78 Resp: 110811



Abundance Ion 78.10 (77.80 to 78.80): VR0



#35

Methylcyclohexane

Concen: 143.90 ug/L

RT: 8.96 min Scan# 1255

Delta R.T. 0.01 min

Lab File: VR025489.D

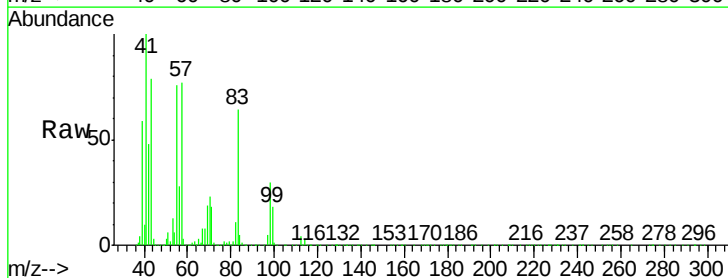
Acq: 17 Jul 2018 12:07

Tgt Ion: 83 Resp: 4923895

Ion	Ratio	Lower	Upper
83	100		

55	125.5	66.1	99.1#
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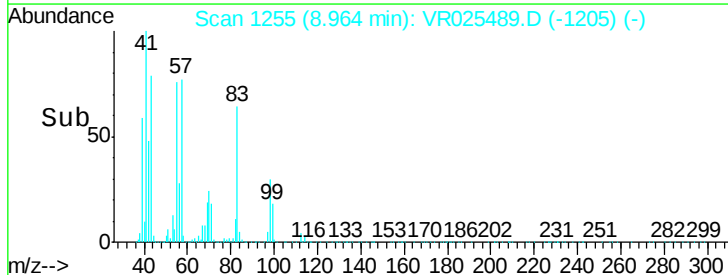
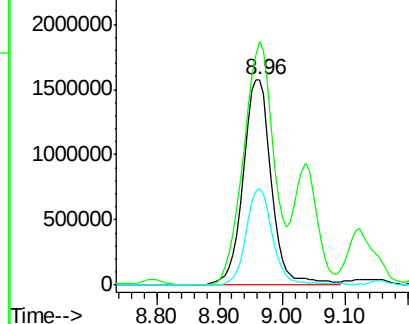
98	44.5	36.2	54.4
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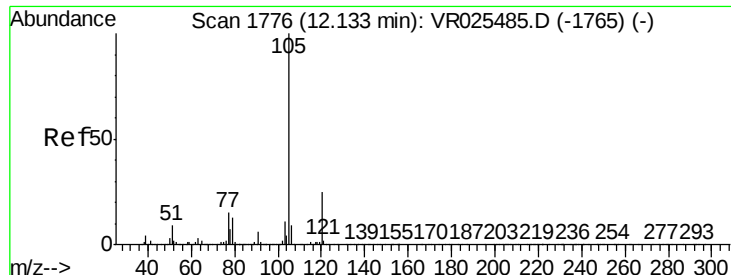


Abundance Ion 83.15 (82.85 to 83.85): VR0

Ion 55.10 (54.80 to 55.80): VR0

Ion 98.15 (97.85 to 98.85): VR0





#56

Isopropylbenzene

Concen: 17.70 ug/L

RT: 12.13 min Scan# 1776

Delta R.T. 0.00 min

Lab File: VR025489.D

Acq: 17 Jul 2018 12:07

Instrument :

MSVOA_R

ClientSampleId :

C0AG0

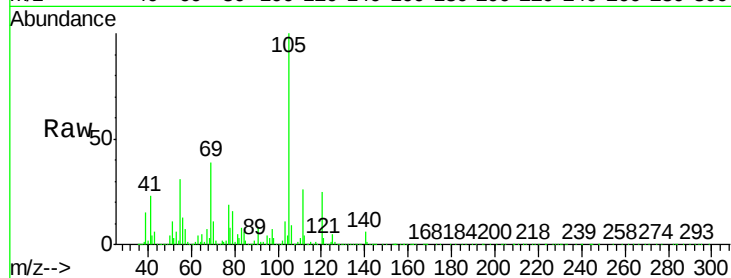
Tot Ion:105 Resp: 1587840

Ion Ratio Lower Upper

105 100

120 25.1 20.2 30.4

77 17.8 13.0 19.6



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.10 (119.80 to 120.80): V

Ion 77.10 (76.80 to 77.80): VR0

