

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU042019\
 Data File : VU031367.D
 Acq On : 19 Apr 2019 18:20
 Operator : JC/SP
 Sample : K2455-17ME 50X
 Misc : 5.03g/5mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GAHR7ME

Quant Time: Apr 30 05:18:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM041719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 19 23:12:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	609643	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	572855	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	291994	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	162418	28.93	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	57.86%#
7) Chloroethane-d5	1.68	69	146302	30.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	60.02%#
11) 1,1-Dichloroethene-d2	2.27	63	243325	21.88	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	43.76%#
21) 2-Butanone-d5	4.19	46	336352	82.26	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	82.26%
24) Chloroform-d	4.64	84	319870	34.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	68.30%#
26) 1,2-Dichloroethane-d4	5.31	65	182979	31.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	63.44%#
32) Benzene-d6	5.34	84	625831	34.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	69.12%#
36) 1,2-Dichloropropane-d6	6.33	67	226516	38.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	77.08%
41) Toluene-d8	7.56	98	572757	35.94	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	71.88%#
43) trans-1,3-Dichloropropene-	7.85	79	91179	32.45	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.90%
47) 2-Hexanone-d5	8.31	63	243748	87.85	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	87.85%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	295049	36.16	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	72.32%
64) 1,2-Dichlorobenzene-d4	11.86	152	237146	35.41	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	70.82%#

Target Compounds

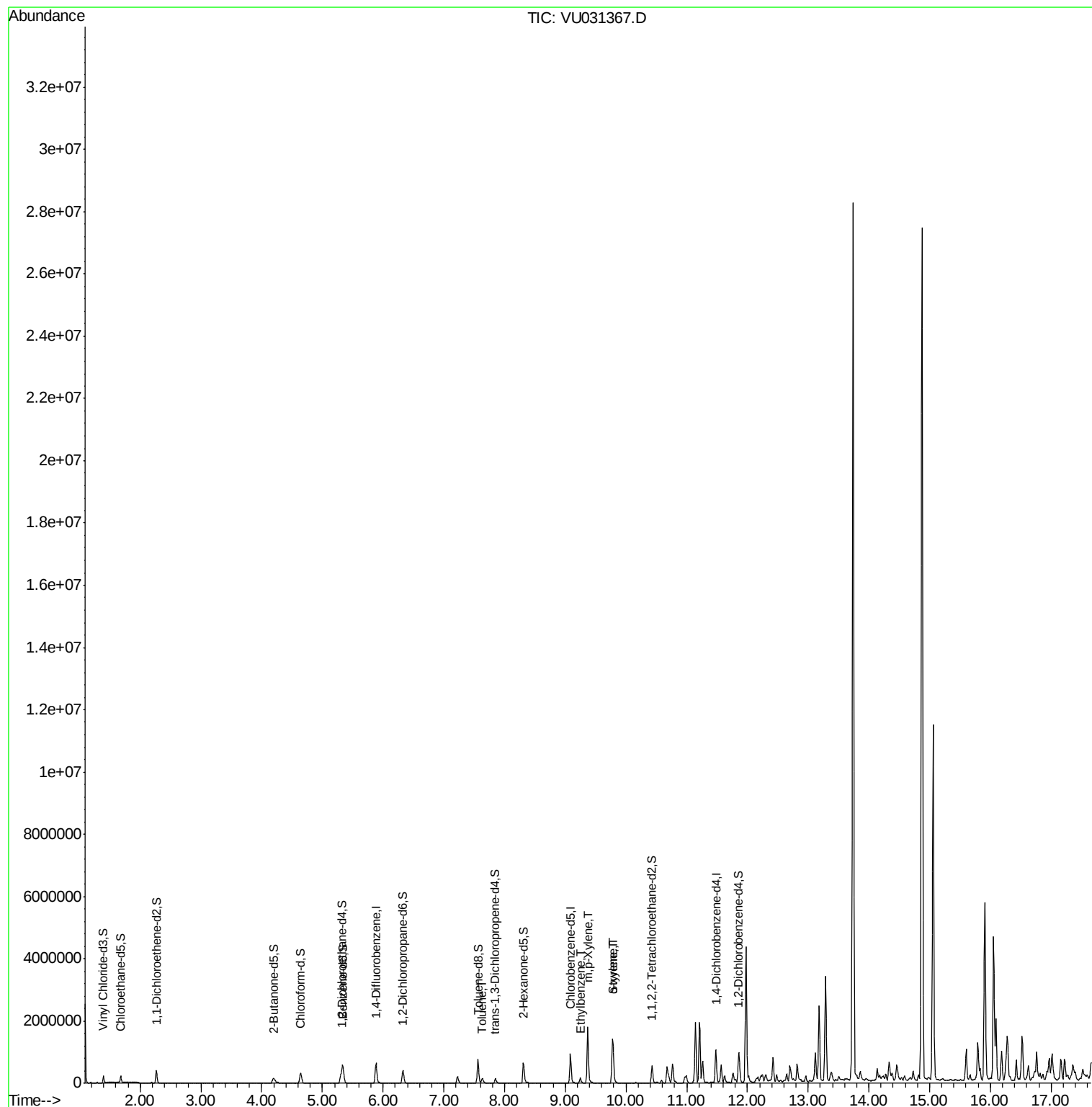
					Ovalue
42) Toluene	7.64	91	119929	6.257 ug/L	99
52) Ethylbenzene	9.25	91	132001	6.327 ug/L	99
53) m,p-Xylene	9.37	106	540172	73.363 ug/L	98
54) o-xylene	9.78	106	275618	36.964 ug/L	99
55) Styrene	9.79	104	432097	34.330 ug/L	99

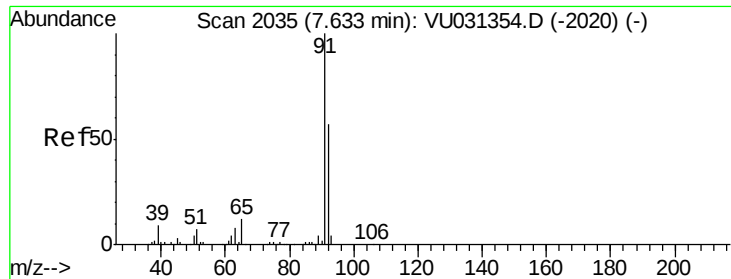
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Apr 19 23:12:12 2019
Response via : Initial Calibration





#42

Toluene

Concen: 6.257 ug/L

RT: 7.64 min Scan# 2036

Delta R.T. 0.00 min

Lab File: VU031367.D

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Instrument :

MSVOA_U

ClientSampleId :

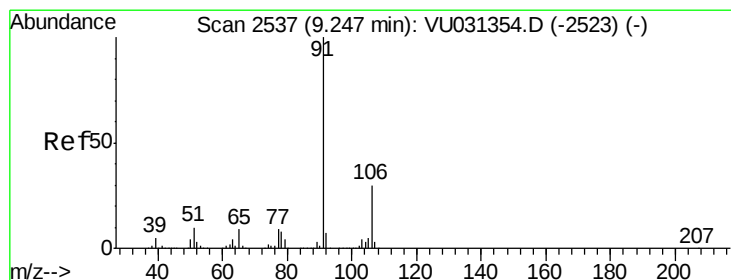
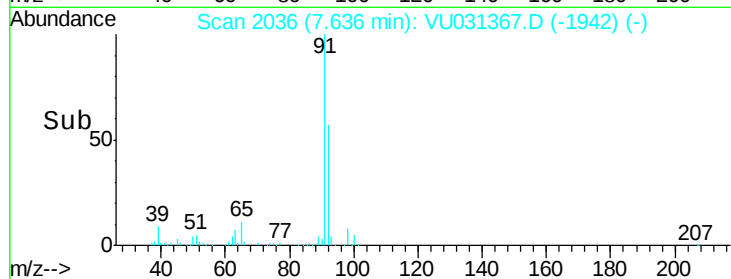
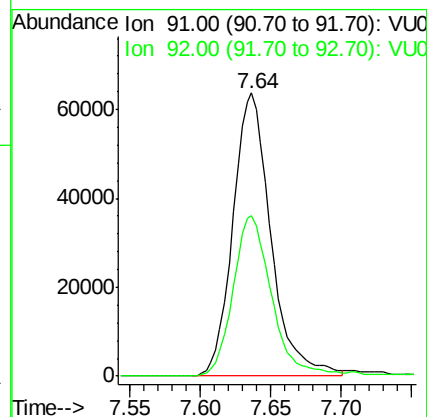
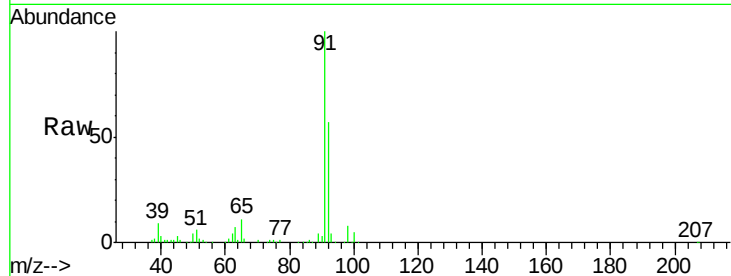
GAHR7ME

Tot Ion: 91 Resp: 119929

Ion Ratio Lower Upper

91 100

92 56.6 40.1 74.5



#52

Ethylbenzene

Concen: 6.327 ug/L

RT: 9.25 min Scan# 2538

Delta R.T. 0.00 min

Lab File: VU031367.D

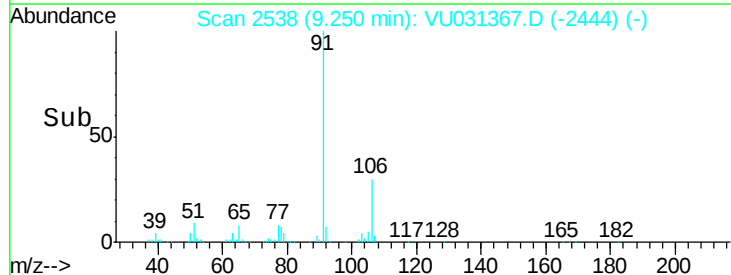
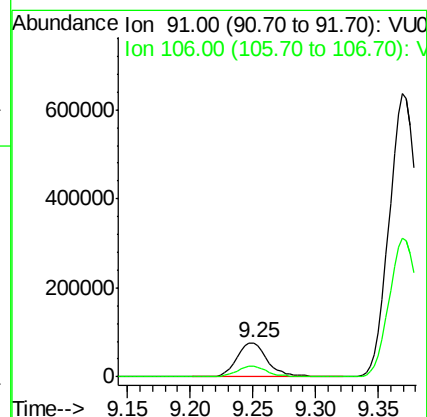
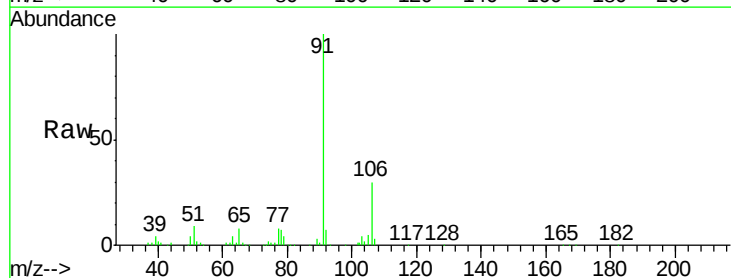
Acq: 19 Apr 2019 18:20

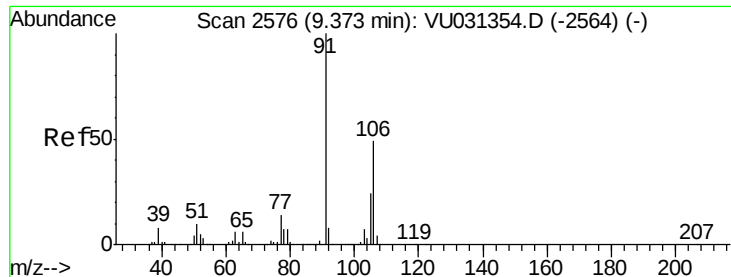
Tgt Ion: 91 Resp: 132001

Ion Ratio Lower Upper

91 100

106 30.1 20.9 38.7

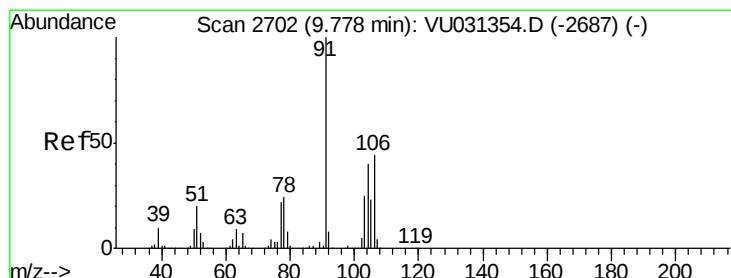
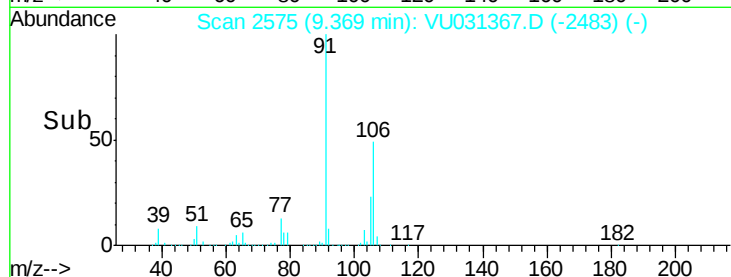
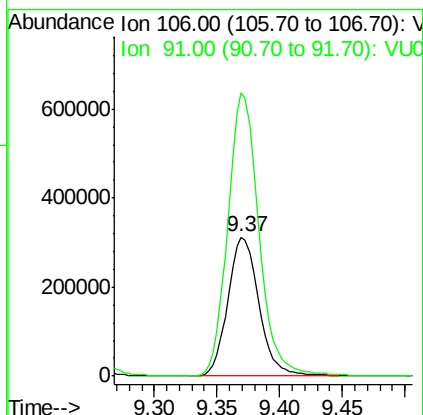
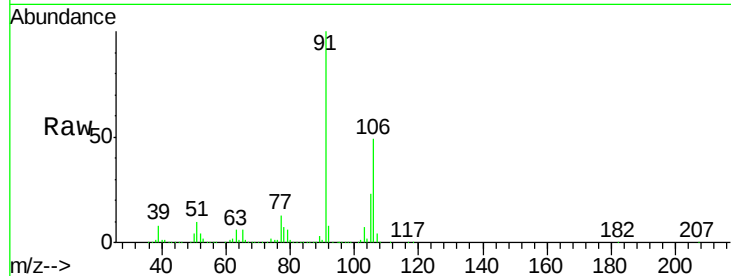




#53
m,p-Xylene
Concen: 73.363 ug/L
RT: 9.37 min Scan# 2575
Delta R.T. -0.00 min
Lab File: VU031367.D
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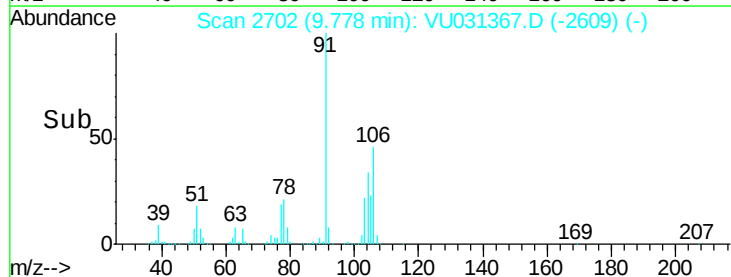
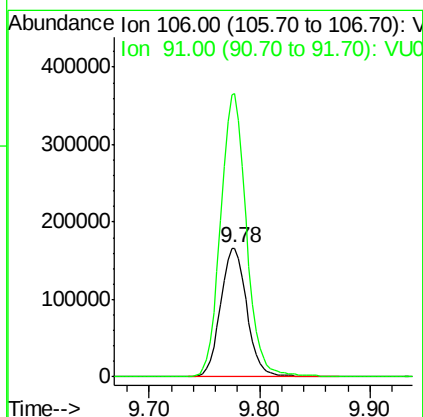
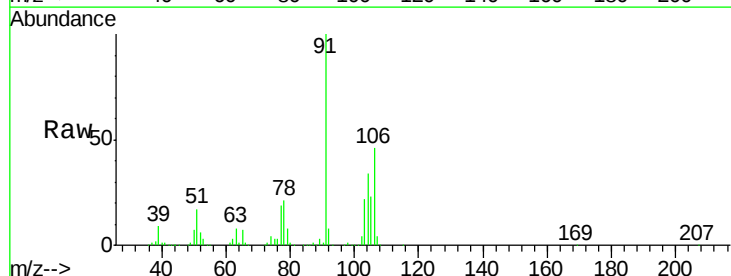
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GAHR7ME

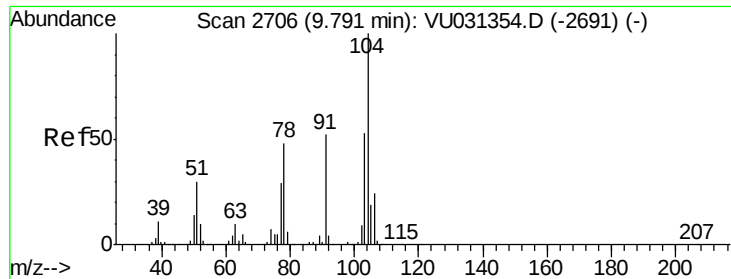
Tot Ion:106 Resp: 540172
Ion Ratio Lower Upper
106 100
91 204.0 144.5 268.4



#54
o-xylene
Concen: 36.964 ug/L
RT: 9.78 min Scan# 2702
Delta R.T. -0.00 min
Lab File: VU031367.D
Acq: 19 Apr 2019 18:20

Tgt Ion:106 Resp: 275618
Ion Ratio Lower Upper
106 100
91 219.4 154.3 286.5





#55

Stvrene

Concen: 34.330 ug/L

RT: 9.79 min Scan# 2706

Delta R.T. -0.00 min

Lab File: VU031367.D

Acq: 19 Apr 2019 18:20

Instrument :

MSVOA_U

ClientSampleId :

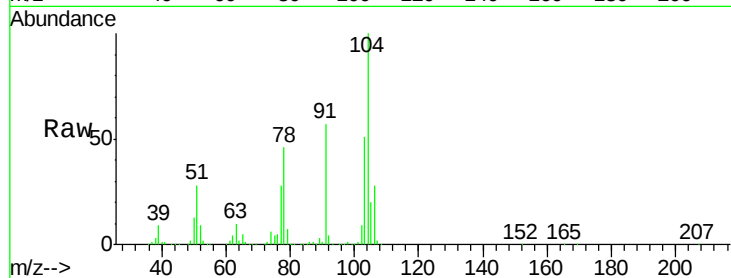
GAHR7ME

Tot Ion:104 Resp: 432097

Ion Ratio Lower Upper

104 100

78 46.0 32.8 61.0



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VU0

