

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092619\
 Data File : VU034840.D
 Acq On : 26 Sep 2019 12:48
 Operator : JC/SP
 Sample : K4984-08
 Misc : 6.22g/5mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BEDL2

Quant Time: Sep 27 10:44:16 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Sep 26 15:50:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	497946	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	497791	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	250692	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	183196	35.94	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	71.88%
7) Chloroethane-d5	1.63	69	150627	38.23	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	76.46%
11) 1,1-Dichloroethene-d2	2.22	63	296207	34.31	ug/L	-0.04
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.62%
21) 2-Butanone-d5	4.17	46	439867	112.59	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	112.59%
24) Chloroform-d	4.62	84	362883	48.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.94%
26) 1,2-Dichloroethane-d4	5.28	65	256861	47.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.30%
32) Benzene-d6	5.31	84	781287	50.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.28%
36) 1,2-Dichloropropane-d6	6.31	67	275659	51.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.24%
41) Toluene-d8	7.54	98	748407	50.98	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.96%
43) trans-1,3-Dichloropropene-	7.83	79	122488	47.42	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.84%
47) 2-Hexanone-d5	8.30	63	321464	118.68	ug/L	0.01
Spiked Amount	100.000	Range	45 - 130	Recovery	=	118.68%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	417734	55.83	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	111.66%
64) 1,2-Dichlorobenzene-d4	11.84	152	296584	56.42	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	112.84%

Target Compounds

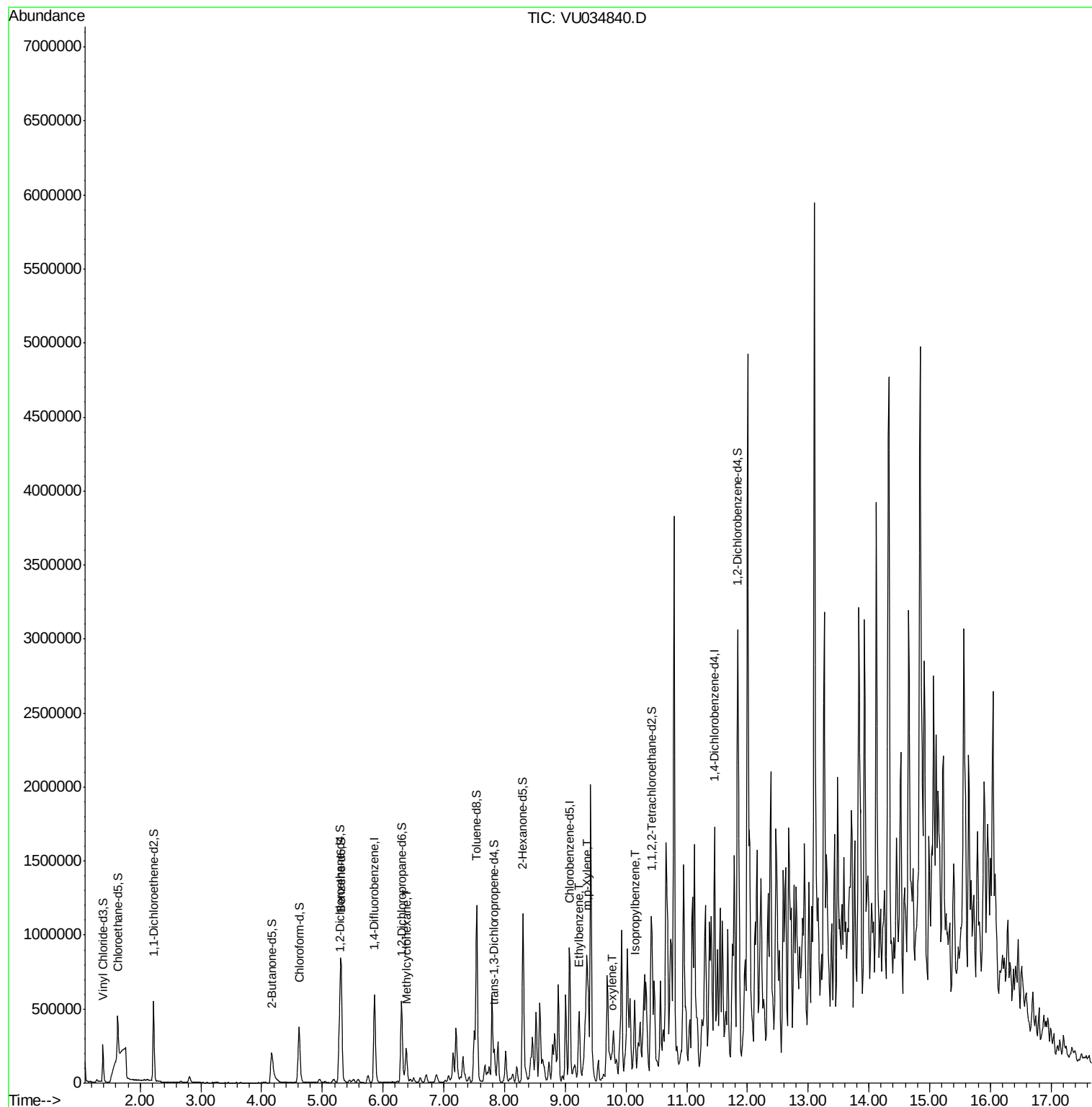
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
35) Methylcyclohexane	6.39	83	94179	13.016	ug/L	97
52) Ethylbenzene	9.23	91	218960	10.421	ug/L	98
53) m,p-Xylene	9.36	106	191406	25.720	ug/L	97
54) o-xylene	9.76	106	27363	3.717	ug/L	98
56) Isopropylbenzene	10.15	105	249674	12.580	ug/L	98

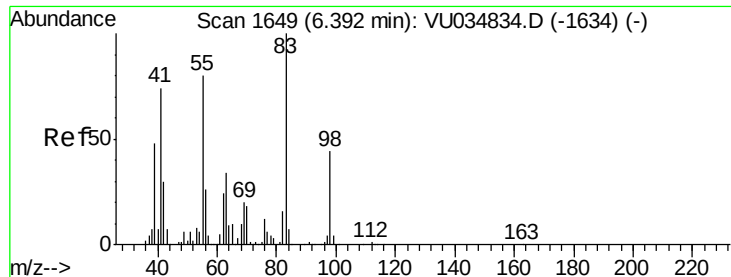
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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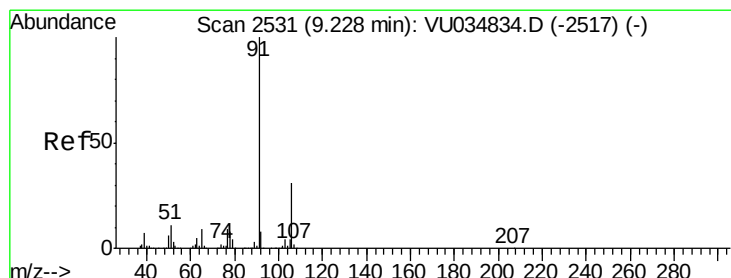
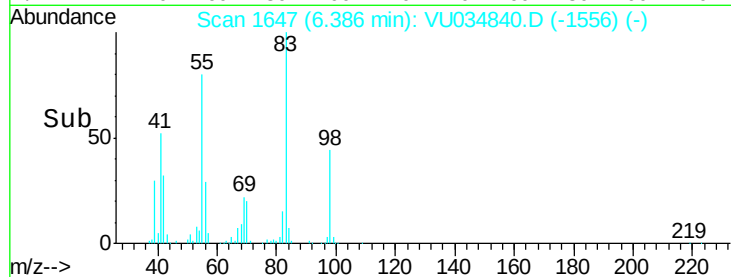
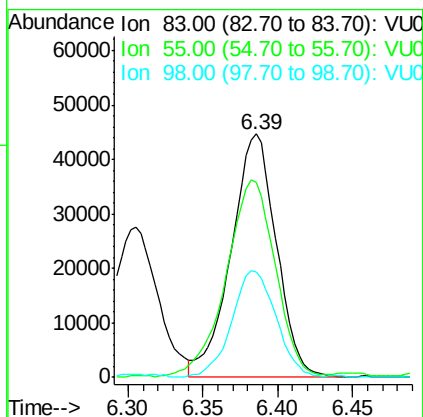
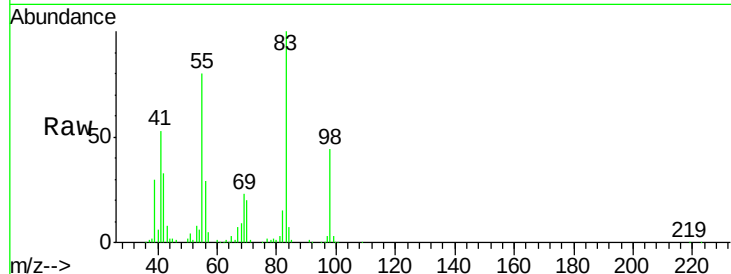




#35
Methylvlcyclohexane
Concen: 13.016 ug/L
RT: 6.39 min Scan# 1647
Delta R.T. -0.01 min
Lab File: VU034840.D
Acq: 26 Sep 2019 12:48

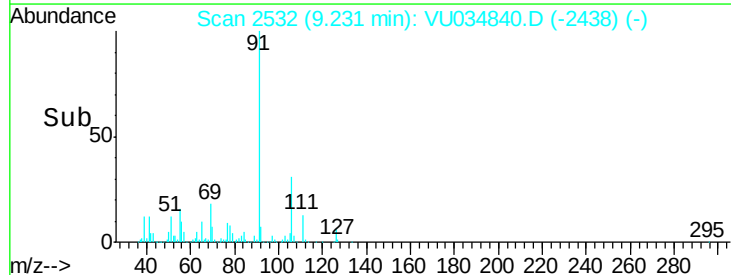
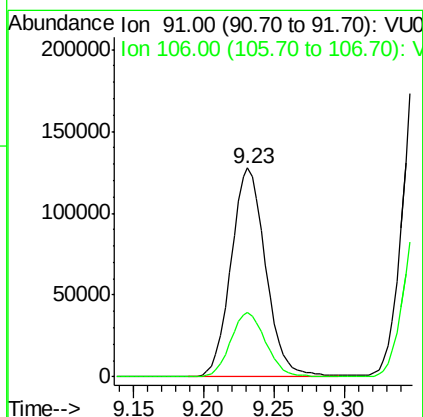
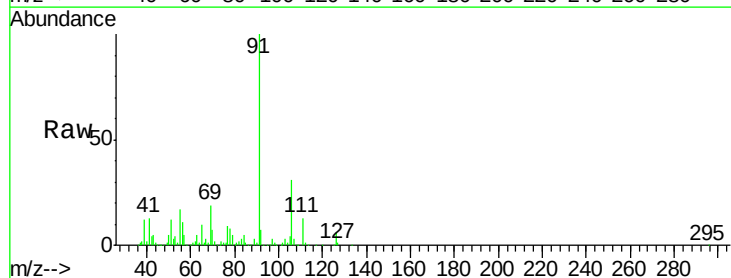
Instrument :
MSVOA_U
ClientSampleId :
BEDL2

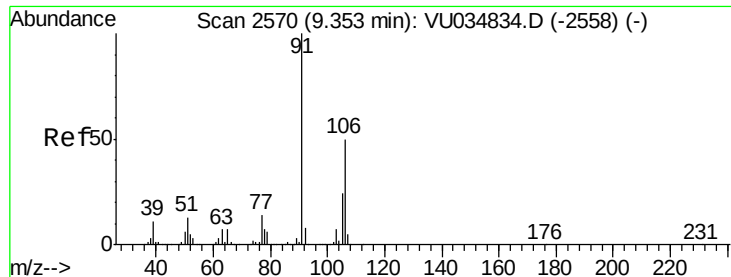
Tot Ion: 83 Resp: 94179
Ion Ratio Lower Upper
83 100
55 87.2 71.6 107.4
98 42.9 35.7 53.5



#52
Ethylbenzene
Concen: 10.421 ug/L
RT: 9.23 min Scan# 2532
Delta R.T. 0.00 min
Lab File: VU034840.D
Acq: 26 Sep 2019 12:48

Tgt Ion: 91 Resp: 218960
Ion Ratio Lower Upper
91 100
106 30.8 20.6 38.4





#53

m,p-Xylene

Concen: 25.720 ug/L

RT: 9.36 min Scan# 2571

Delta R.T. 0.00 min

Lab File: VU034840.D

Acq: 26 Sep 2019 12:48

Instrument :

MSVOA_U

ClientSampleId :

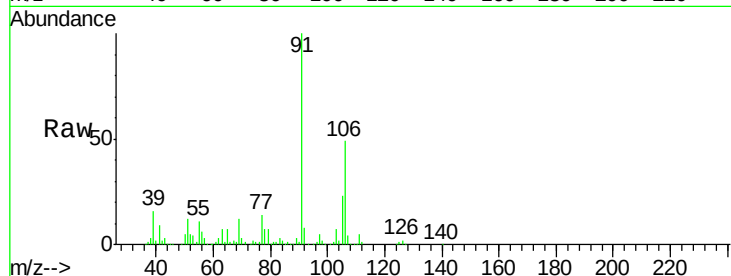
BEDL2

Tot Ion:106 Resp: 191406

Ion Ratio Lower Upper

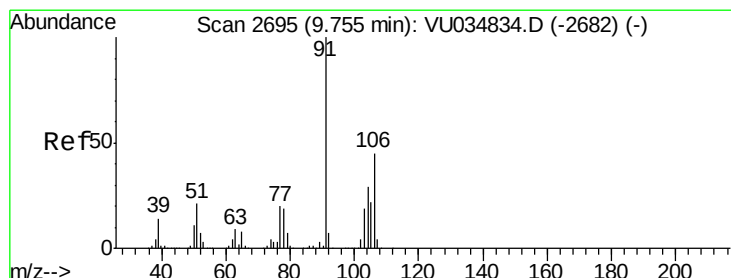
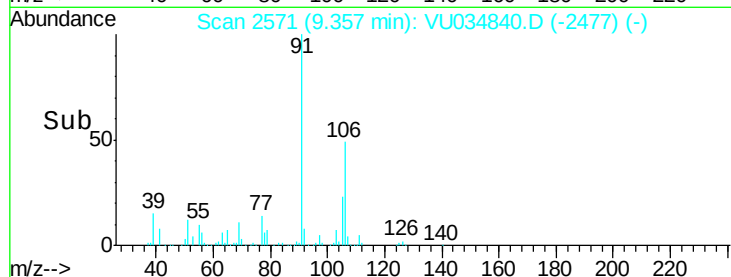
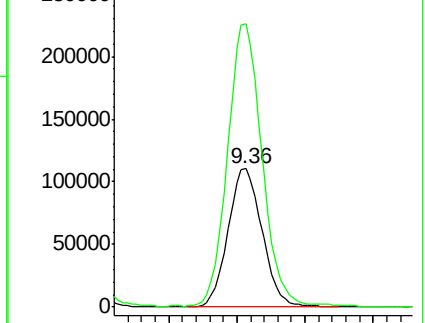
106 100

91 204.6 146.9 272.7



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0



#54

o-xylene

Concen: 3.717 ug/L

RT: 9.76 min Scan# 2697

Delta R.T. 0.01 min

Lab File: VU034840.D

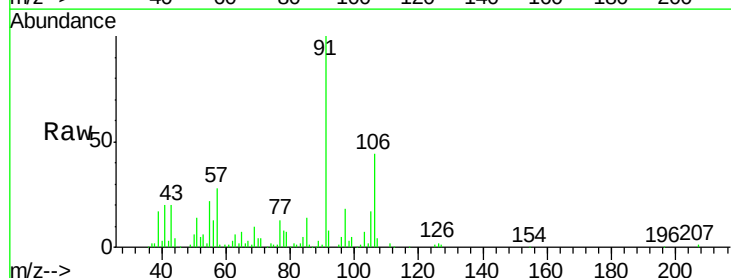
Acq: 26 Sep 2019 12:48

Tgt Ion:106 Resp: 27363

Ion Ratio Lower Upper

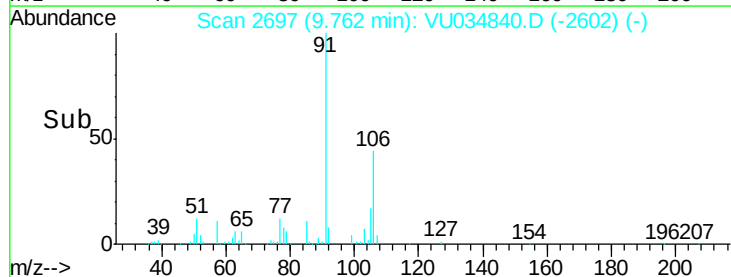
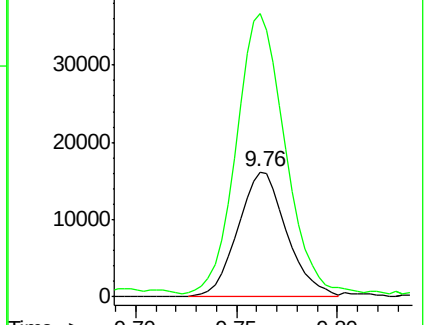
106 100

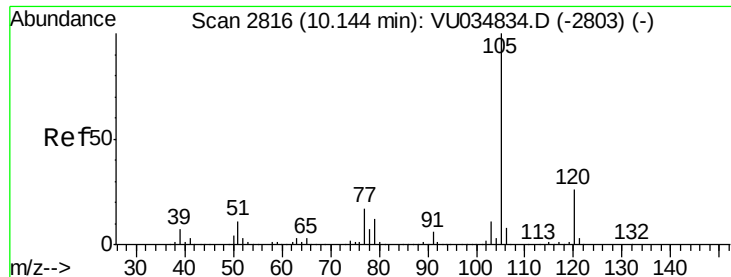
91 226.2 155.6 289.0



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0





#56

Isopropylbenzene

Concen: 12.580 ug/L

RT: 10.15 min Scan# 2817

Delta R.T. 0.00 min

Lab File: VU034840.D

Acq: 26 Sep 2019 12:48

Instrument :

MSVOA_U

ClientSampleId :

BEDL2

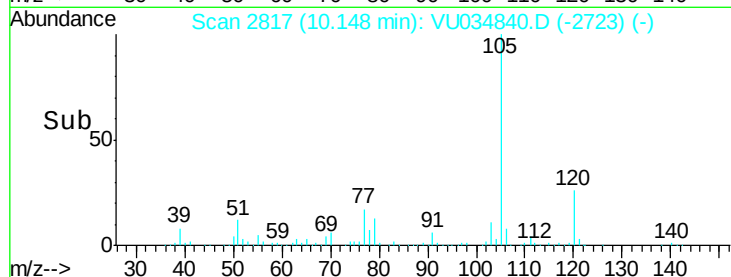
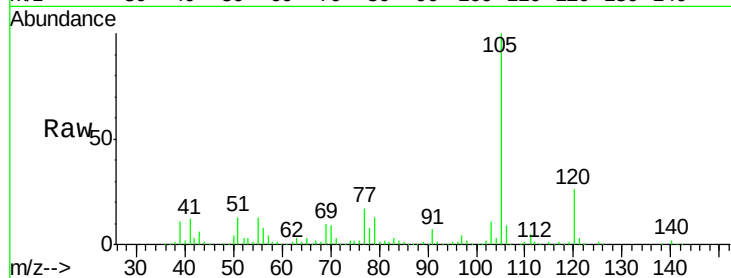
Tot Ion:105 Resp: 249674

Ion Ratio Lower Upper

105 100

120 26.3 20.4 30.6

77 16.9 14.2 21.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

Ion 77.00 (76.70 to 77.70): VU0

