

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092419\
 Data File : VU034774.D
 Acq On : 24 Sep 2019 16:25
 Operator : JC/SP
 Sample : K4984-08
 Misc : 6.22g/5.0ml/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BEDL2

Quant Time: Sep 25 04:21:39 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Sep 25 02:59:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	1051961	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	1032689	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	524214	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	432596	40.17	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	80.34%
7) Chloroethane-d5	1.63	69	369415	44.38	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.76%
11) 1,1-Dichloroethene-d2	2.22	63	678551	37.21	ug/L	-0.04
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.42%
21) 2-Butanone-d5	4.16	46	1043269	126.40	ug/L	0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	126.40%
24) Chloroform-d	4.62	84	866054	55.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	110.64%
26) 1,2-Dichloroethane-d4	5.28	65	613467	53.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.60%
32) Benzene-d6	5.31	84	1834647	57.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	114.64%
36) 1,2-Dichloropropane-d6	6.31	67	642939	57.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	114.94%
41) Toluene-d8	7.54	98	1748638	57.42	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	114.84%
43) trans-1,3-Dichloropropene-	7.83	79	312613	58.34	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	116.68%
47) 2-Hexanone-d5	8.30	63	778604	138.56	ug/L	0.01
Spiked Amount	100.000	Range	45 - 130	Recovery	=	138.56%#
57) 1,1,2,2-Tetrachloroethane-	10.41	84	990532	63.81	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	127.62%#
64) 1,2-Dichlorobenzene-d4	11.84	152	694662	63.19	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	126.38%#

Target Compounds

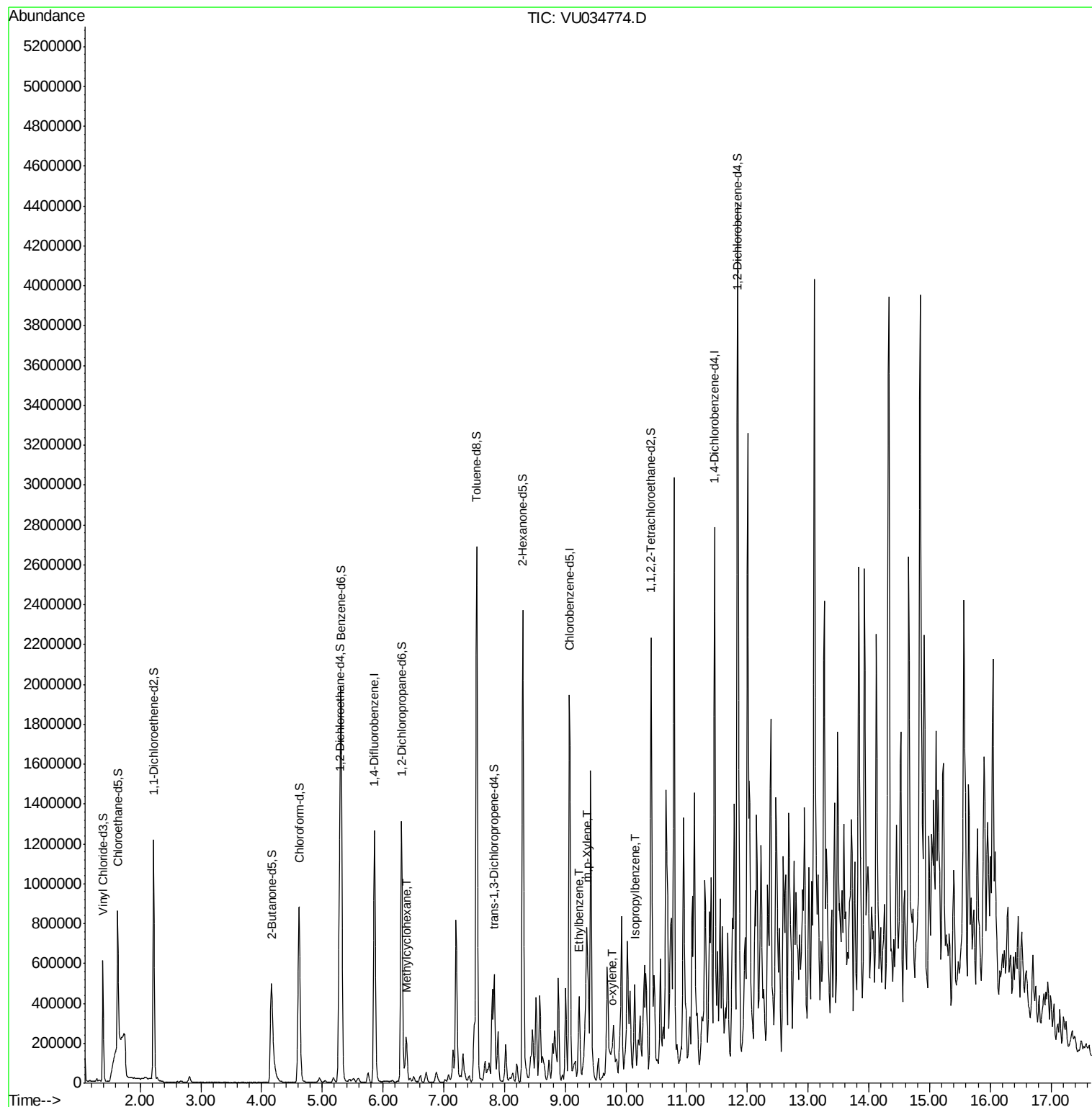
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
35) Methylcyclohexane	6.39	83	88885	5.921	ug/L	99
52) Ethylbenzene	9.23	91	201376	4.620	ug/L	98
53) m,p-Xylene	9.35	106	175472	11.366	ug/L	98
54) o-xylene	9.76	106	25938	1.699	ug/L	100
56) Isopropylbenzene	10.14	105	232080	5.637	ug/L	98

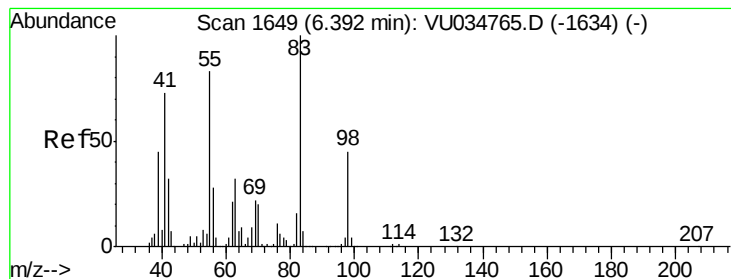
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Sep 25 02:59:31 2019
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#35

Methvlcvclohexane

Concen: 5.921 ug/L

RT: 6.39 min Scan# 1647

Delta R.T. -0.01 min

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Instrument :

MSVOA_U

ClientSampleId :

BEDL2

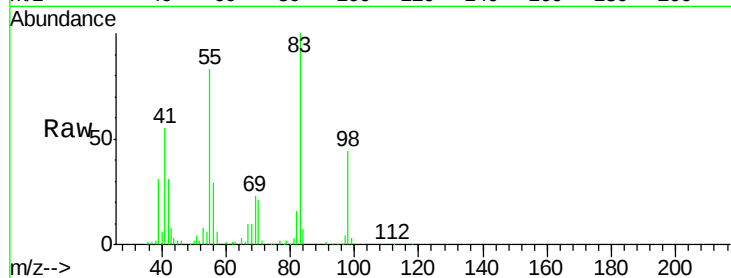
Tot Ion: 83 Resp: 88885

Ion Ratio Lower Upper

83 100

55 89.4 71.6 107.4

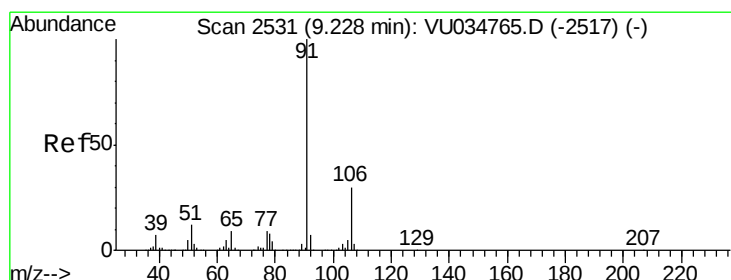
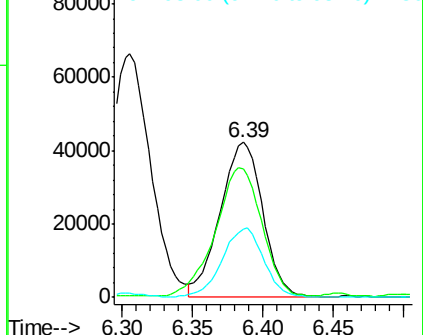
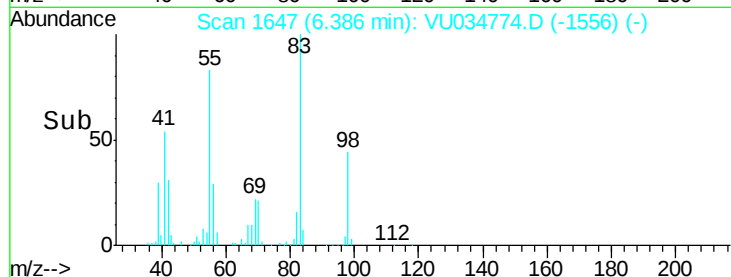
98 43.7 35.7 53.5



Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 98.00 (97.70 to 98.70): VU0



#52

Ethylbenzene

Concen: 4.620 ug/L

RT: 9.23 min Scan# 2532

Delta R.T. 0.00 min

Lab File: VU034774.D

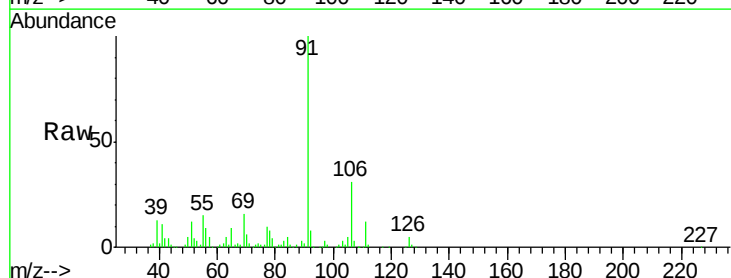
Acq: 24 Sep 2019 16:25

Tgt Ion: 91 Resp: 201376

Ion Ratio Lower Upper

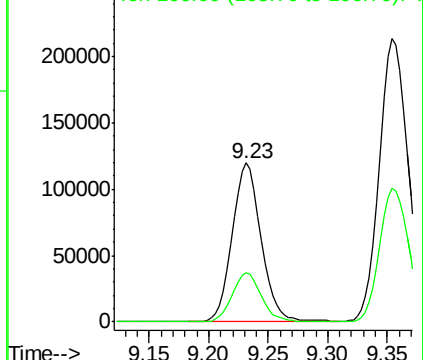
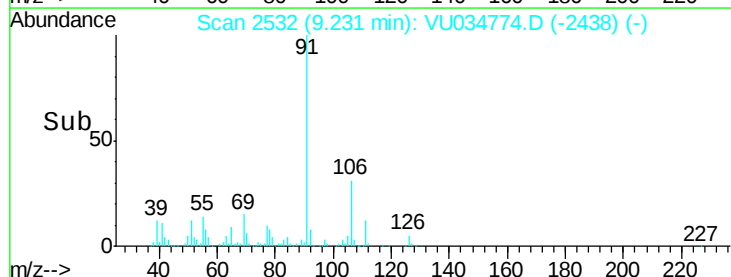
91 100

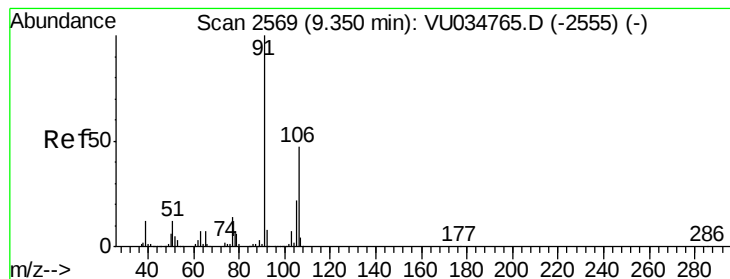
106 30.7 20.6 38.4



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 106.00 (105.70 to 106.70): V





#53

m,p-Xylene

Concen: 11.366 ug/L

RT: 9.35 min Scan# 2570

Delta R.T. 0.00 min

Lab File: VU034774.D

Acq: 24 Sep 2019 16:25

Instrument :

MSVOA_U

ClientSampleId :

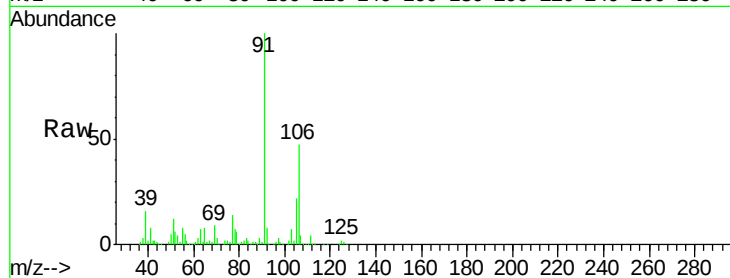
BEDL2

Tot Ion:106 Resp: 175472

Ion Ratio Lower Upper

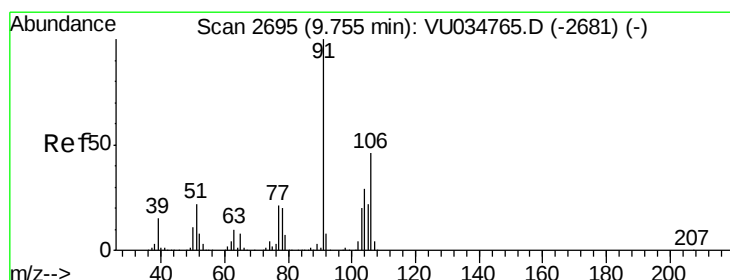
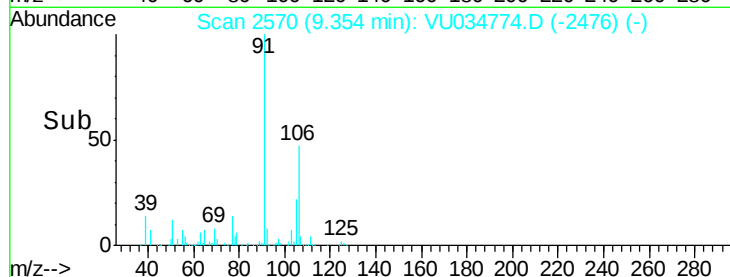
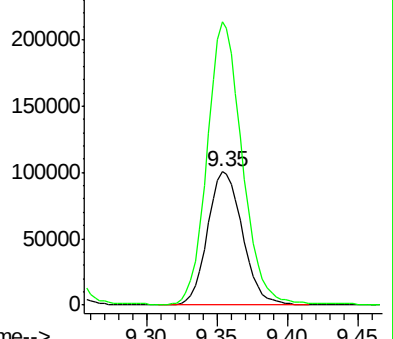
106 100

91 212.8 146.9 272.7



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0



#54

o-xylene

Concen: 1.699 ug/L

RT: 9.76 min Scan# 2697

Delta R.T. 0.01 min

Lab File: VU034774.D

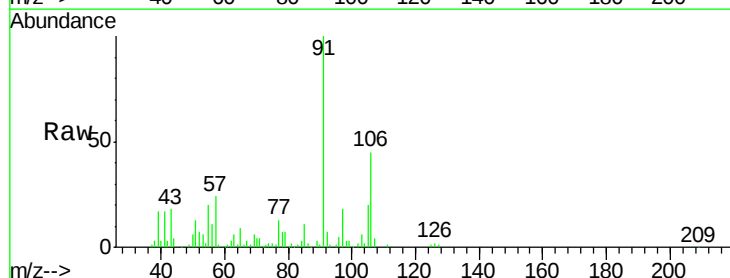
Acq: 24 Sep 2019 16:25

Tgt Ion:106 Resp: 25938

Ion Ratio Lower Upper

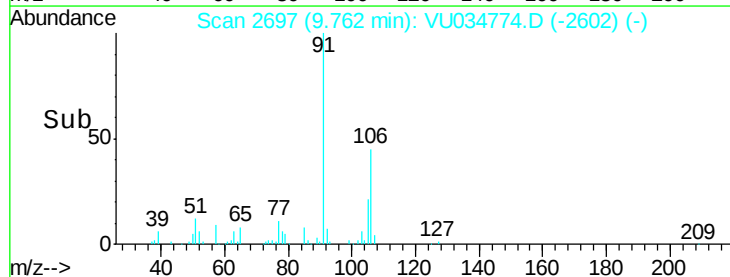
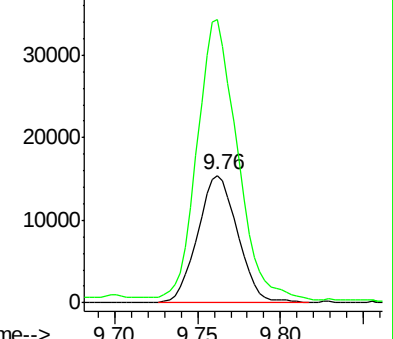
106 100

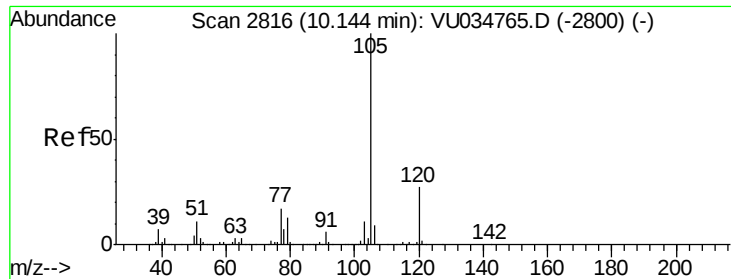
91 222.4 155.6 289.0



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0





#56

Isopropylbenzene

Concen: 5.637 ug/L

RT: 10.14 min Scan# 2816

Delta R.T. 0.00 min

Lab File: VU034774.D

Acq: 24 Sep 2019 16:25

Instrument :

MSVOA_U

ClientSampleId :

BEDL2

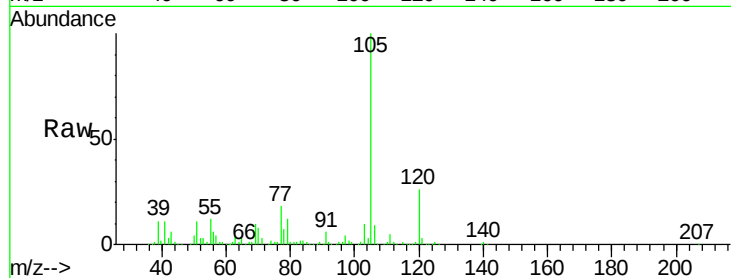
Tot Ion:105 Resp: 232080

Ion Ratio Lower Upper

105 100

120 26.6 20.4 30.6

77 17.0 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): V

