

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU040920\
 Data File : VU037676.D
 Acq On : 10 Apr 2020 16:27
 Operator : JC/MD
 Sample : L2176-02ME
 Misc : 3.79/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BG2H9ME

Quant Time: Apr 11 02:18:03 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 10 23:26:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	473390	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	461103	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	275633	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	301417	72.84	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	145.68%#
7) Chloroethane-d5	1.89	69	219103	65.51	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	131.02%#
11) 1,1-Dichloroethene-d2	2.56	63	409865	60.78	ug/L	-0.03
Spiked Amount	50.000	Range	60 - 125	Recovery	=	121.56%
21) 2-Butanone-d5	4.67	46	617492	184.16	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	184.16%#
24) Chloroform-d	5.10	84	582561	93.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	187.34%#
26) 1,2-Dichloroethane-d4	5.74	65	423801	100.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	200.62%#
32) Benzene-d6	5.75	84	1248541	92.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	184.08%#
36) 1,2-Dichloropropane-d6	6.72	67	439748	97.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	194.76%#
41) Toluene-d8	7.92	98	1395516	110.95	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	221.90%#
43) trans-1,3-Dichloropropene-	8.21	79	230868	94.58	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	189.16%#
47) 2-Hexanone-d5	8.67	63	562007	217.38	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	217.38%#
57) 1,1,2,2-Tetrachloroethane-	10.78	84	651364	102.12	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	204.24%#
64) 1,2-Dichlorobenzene-d4	12.21	152	523236	91.22	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	182.44%#

Target Compounds

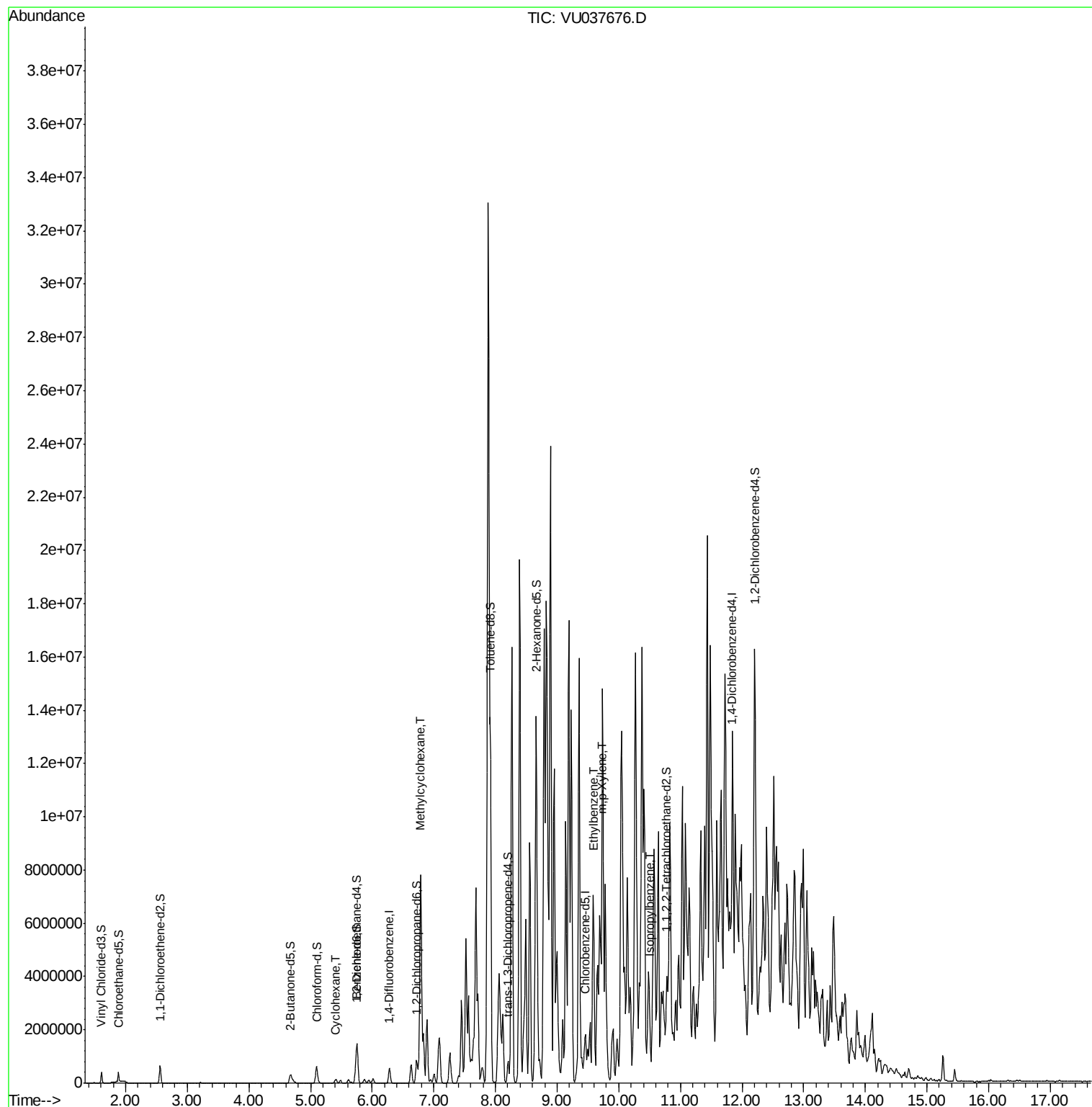
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
29) Cyclohexane	5.41	56	65380	10.311	ug/L	93
35) Methylcyclohexane	6.79	83	3201513	522.342	ug/L	92
52) Ethylbenzene	9.59	91	381990	22.856	ug/L	97
53) m,p-Xylene	9.72	106	252919	39.856	ug/L	95
56) Isopropylbenzene	10.51	105	424639	25.912	ug/L #	92

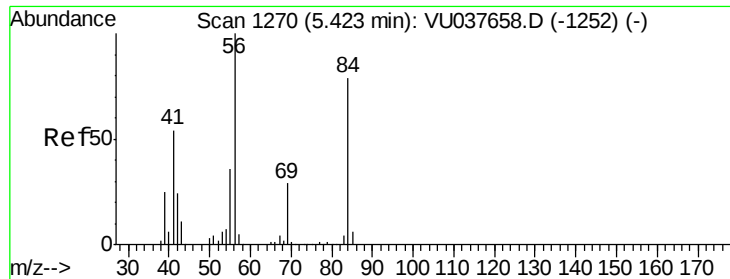
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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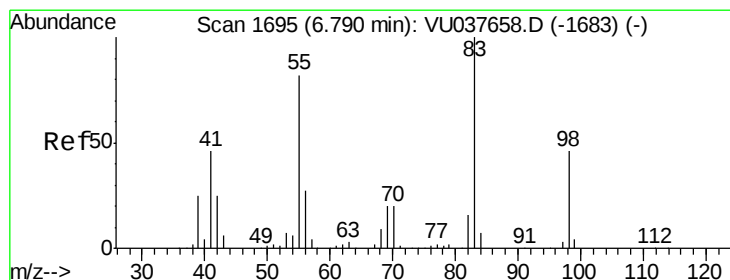
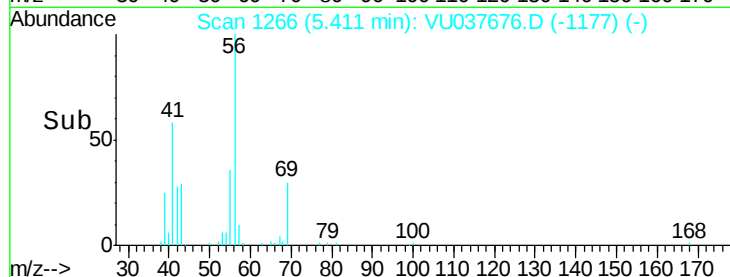
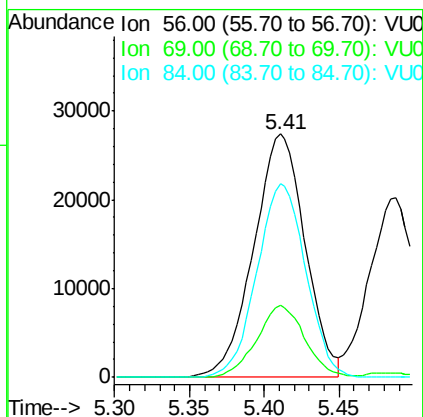
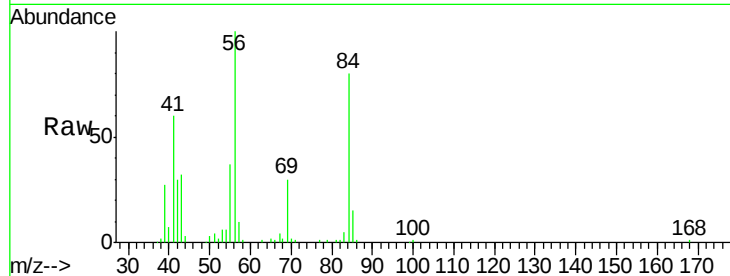




#29
Cyclohexane
Concen: 10.311 ug/L
RT: 5.41 min Scan# 1266
Delta R.T. -0.01 min
Lab File: VU037676.D
Acq: 10 Apr 2020 16:27

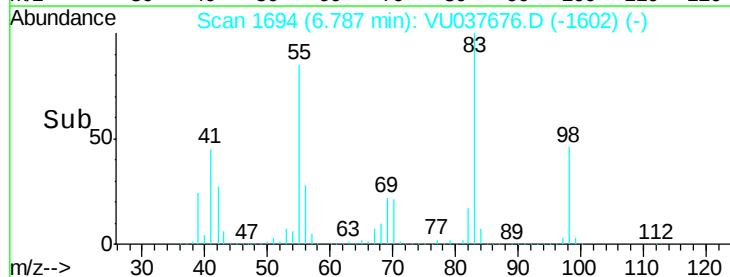
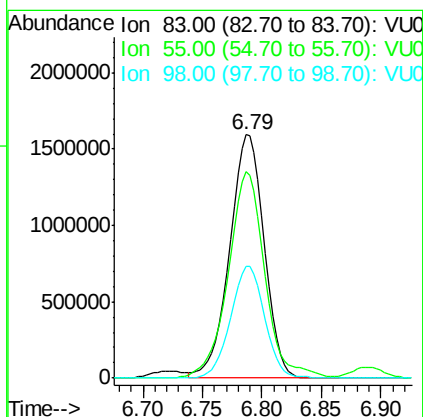
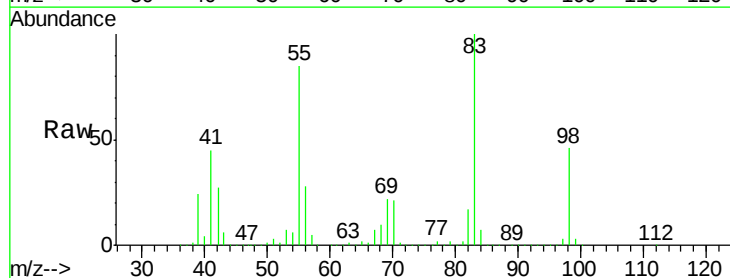
Instrument :
MSVOA_U
ClientSampleId :
BG2H9ME

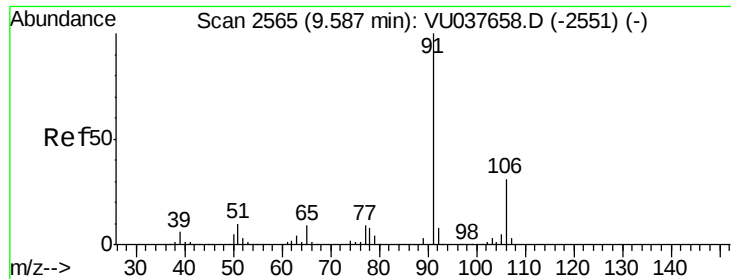
Tot Ion: 56 Resp: 65380
Ion Ratio Lower Upper
56 100
69 27.7 24.0 36.0
84 75.7 66.3 99.5



#35
Methylcyclohexane
Concen: 522.342 ug/L
RT: 6.79 min Scan# 1694
Delta R.T. -0.00 min
Lab File: VU037676.D
Acq: 10 Apr 2020 16:27

Tgt Ion: 83 Resp: 3201513
Ion Ratio Lower Upper
83 100
55 89.9 64.6 96.8
98 45.4 38.0 57.0





#52

Ethylbenzene

Concen: 22.856 ug/L

RT: 9.59 min Scan# 2567

Delta R.T. 0.01 min

Lab File: VU037676.D

Acq: 10 Apr 2020 16:27

Instrument :

MSVOA_U

ClientSampleId :

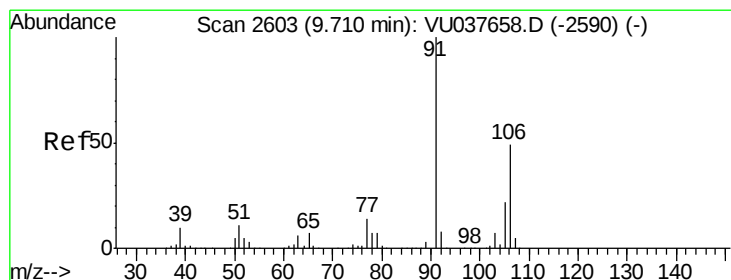
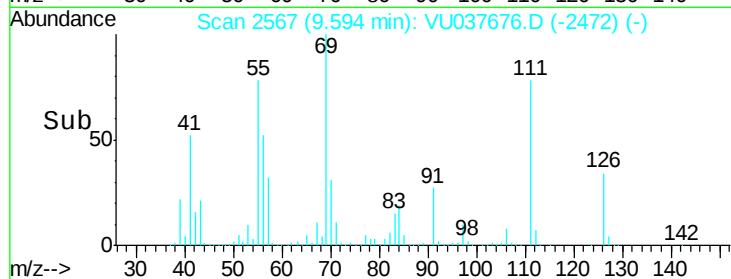
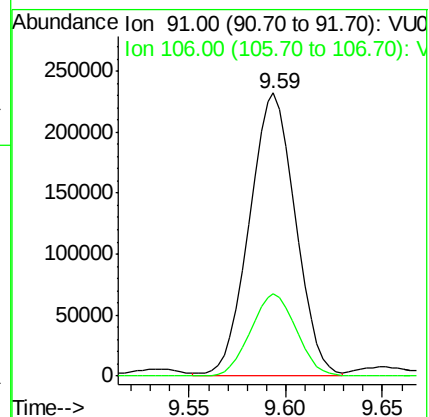
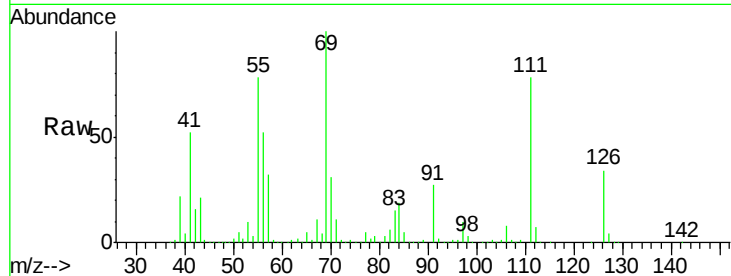
BG2H9ME

Tot Ion: 91 Resp: 381990

Ion Ratio Lower Upper

91 100

106 29.2 21.6 40.0



#53

m,p-Xylene

Concen: 39.856 ug/L

RT: 9.72 min Scan# 2605

Delta R.T. 0.01 min

Lab File: VU037676.D

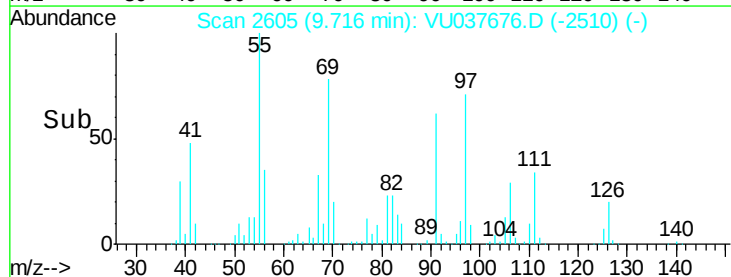
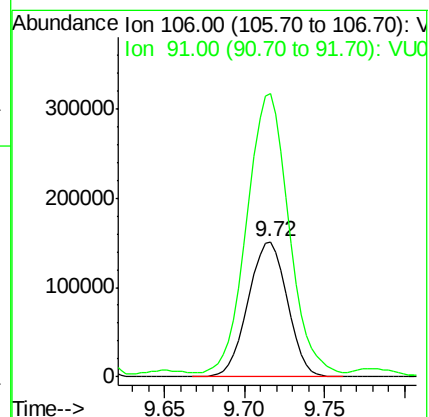
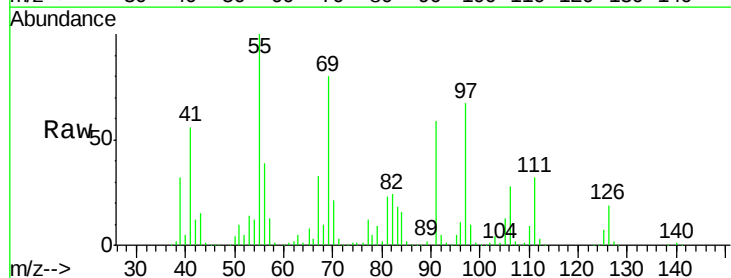
Acq: 10 Apr 2020 16:27

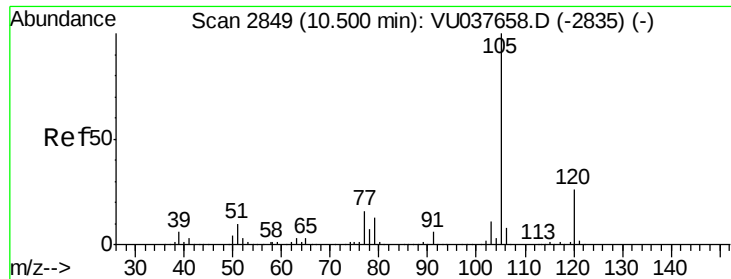
Tgt Ion: 106 Resp: 252919

Ion Ratio Lower Upper

106 100

91 209.3 140.8 261.6





#56

Isopropylbenzene

Concen: 25.912 ug/L

RT: 10.51 min Scan# 2851

Delta R.T. 0.01 min

Lab File: VU037676.D

Acq: 10 Apr 2020 16:27

Instrument :

MSVOA_U

ClientSampleId :

BG2H9ME

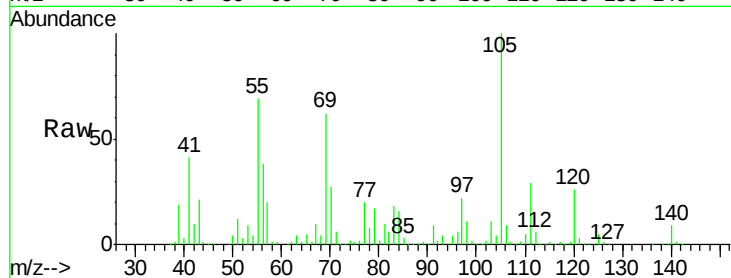
Tot Ion:105 Resp: 424639

Ion Ratio Lower Upper

105 100

120 25.6 20.7 31.1

77 24.9 12.7 19.1#



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): VU

