

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U051619\
 Data File : VU032052.D
 Acq On : 16 May 2019 16:30
 Operator : JC/SP
 Sample : K2739-08DL 4X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DB886DL

Quant Time: May 17 07:43:22 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR051619WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri May 17 07:17:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	437296	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	446985	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	211075	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	165446	4.49	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.80%
7) Chloroethane-d5	1.67	69	141859	4.51	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.20%
11) 1,1-Dichloroethene-d2	2.27	63	232142	3.95	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.00%
20) 2-Butanone-d5	4.19	46	303375	41.95	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	83.90%
24) Chloroform-d	4.64	84	275879	4.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.20%
26) 1,2-Dichloroethane-d4	5.31	65	142003	4.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.00%
32) Benzene-d6	5.33	84	597740	4.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.60%
36) 1,2-Dichloropropane-d6	6.33	67	172952	4.34	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.80%
41) Toluene-d8	7.56	98	543786	4.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.60%
43) trans-1,3-Dichloropropene-	7.85	79	58989	4.11	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.20%
46) 2-Hexanone-d5	8.31	63	274241	42.33	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.66%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	137490	4.22	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	84.40%
64) 1,2-Dichlorobenzene-d4	11.85	152	205185	4.59	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.80%

Target Compounds

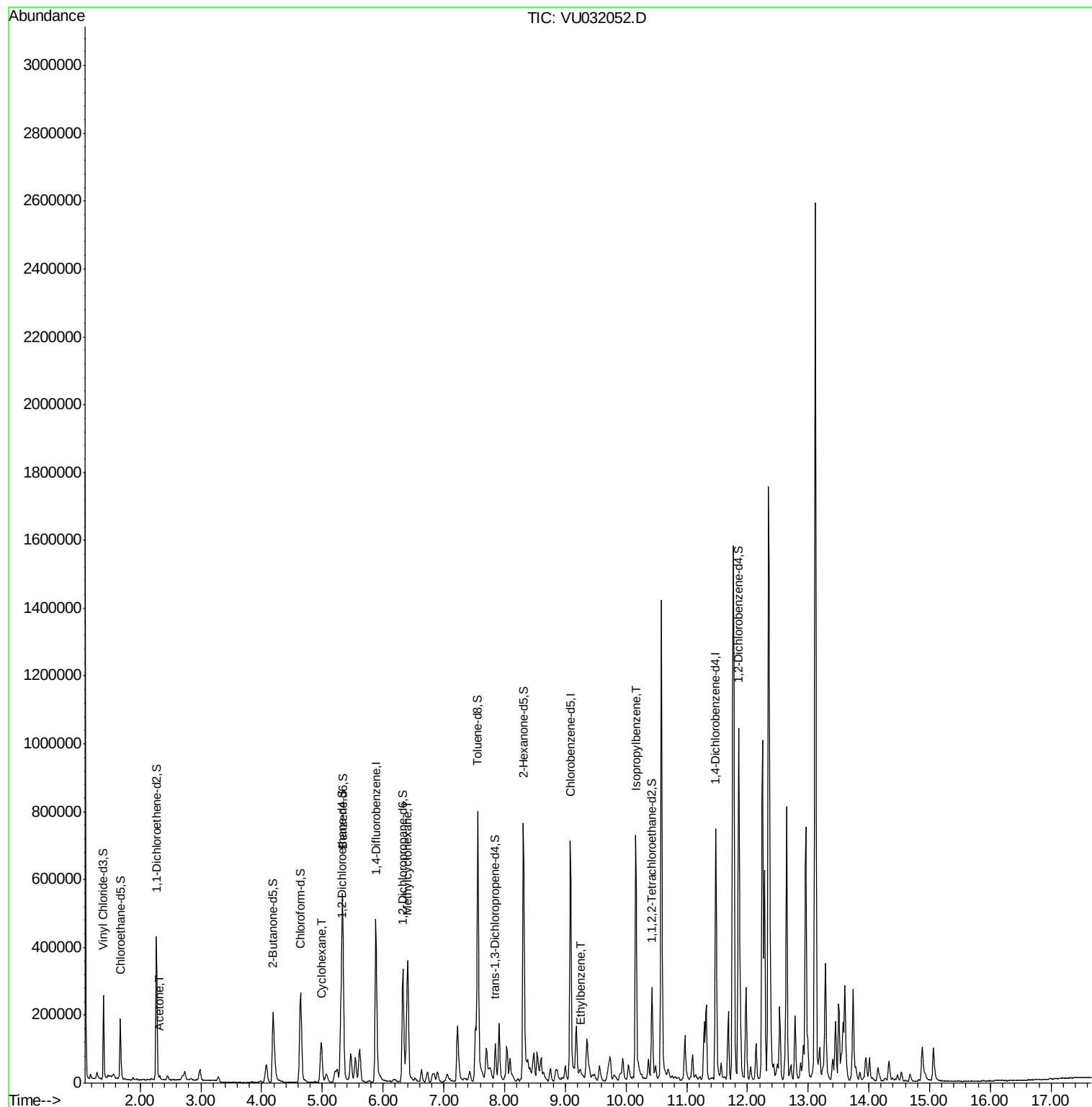
					Ovalue
13) Acetone	2.32	43	7269	3.062	ug/L 90
30) Cyclohexane	4.98	56	56652	2.362	ug/L 93
35) Methylcyclohexane	6.41	83	150208	5.603	ug/L 93
52) Ethylbenzene	9.25	91	12578	0.174	ug/L 94
56) Isopropylbenzene	10.16	105	478882	7.097	ug/L 99

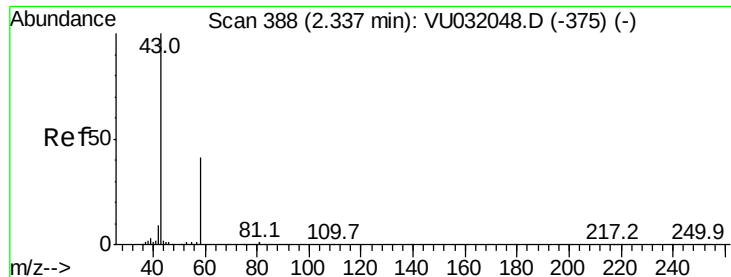
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 3.062 ug/L

RT: 2.32 min Scan# 383

Delta R.T. -0.02 min

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Acq: 16 May 2019 16:30

Instrument :

MSVOA_U

ClientSampleId :

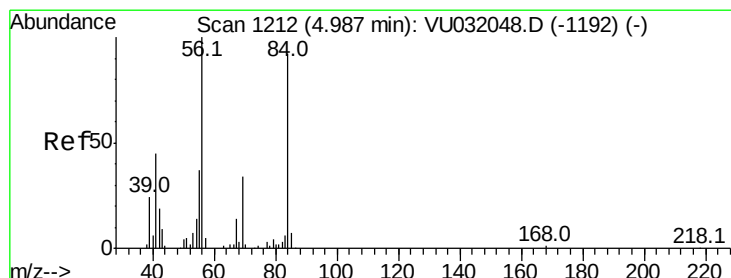
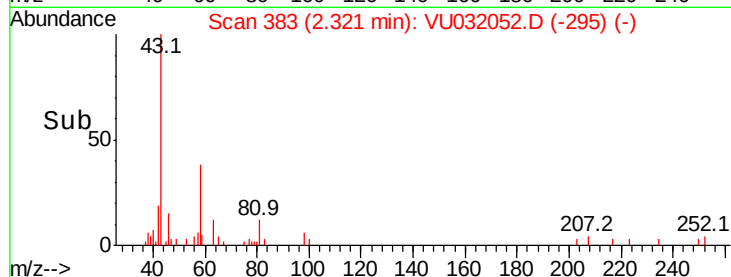
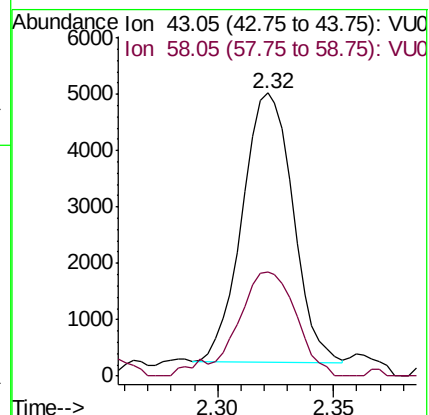
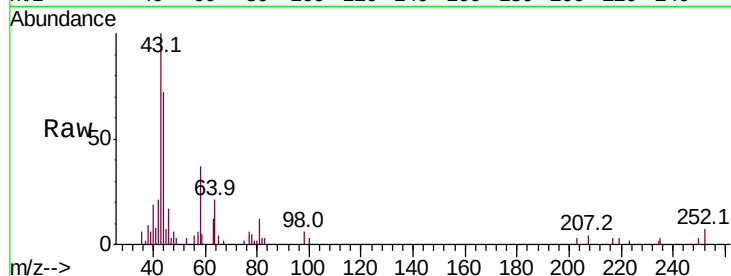
DB886DL

Tot Ion: 43 Resp: 7269

Ion Ratio Lower Upper

43 100

58 45.5 0.0 78.8



#30

Cyclohexane

Concen: 2.362 ug/L

RT: 4.98 min Scan# 1211

Delta R.T. -0.00 min

Lab File: VU032052.D

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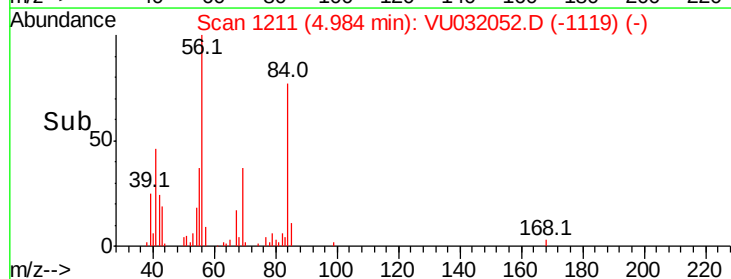
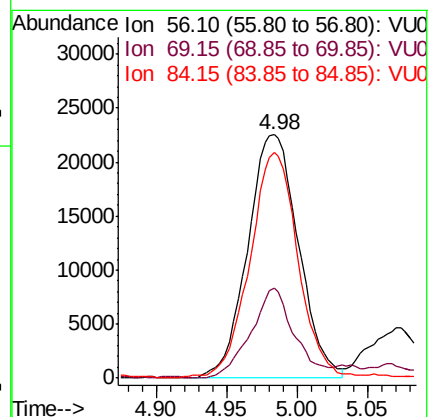
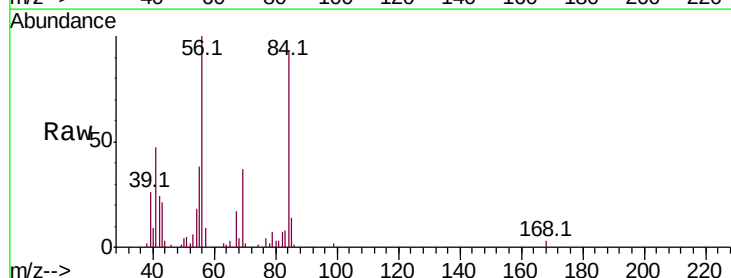
Tgt Ion: 56 Resp: 56652

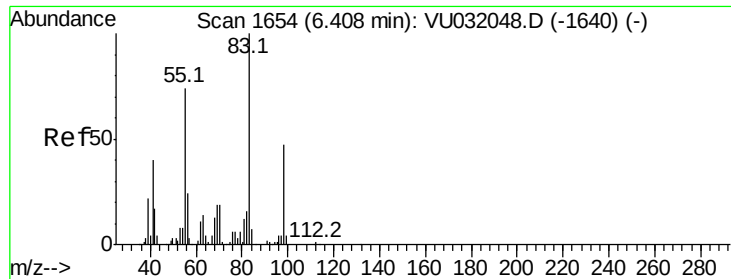
Ion Ratio Lower Upper

56 100

69 31.7 26.9 40.3

84 88.2 76.6 115.0





#35

Methylvlcyclohexane

Concen: 5.603 ug/L

RT: 6.41 min Scan# 1654

Delta R.T. 0.00 min

Lab File: VU032052.D

Acq: 16 May 2019 16:30

Instrument :

MSVOA_U

ClientSampleId :

DB886DL

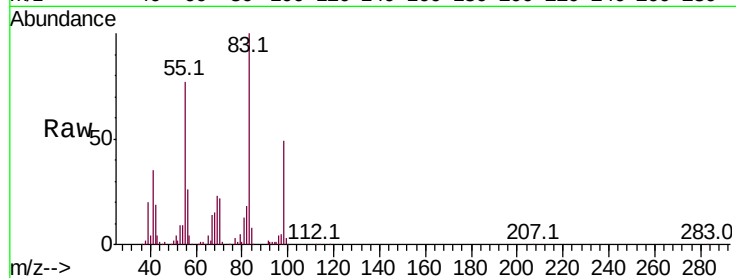
Tot Ion: 83 Resp: 150208

Ion Ratio Lower Upper

83 100

55 83.9 59.7 89.5

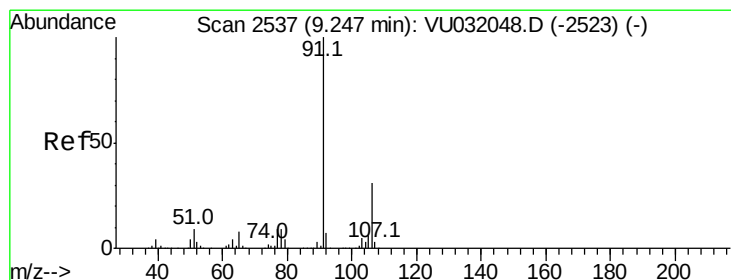
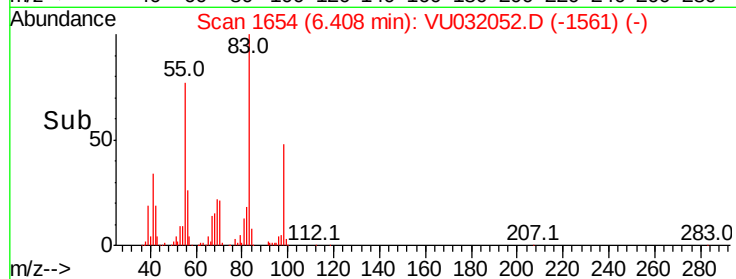
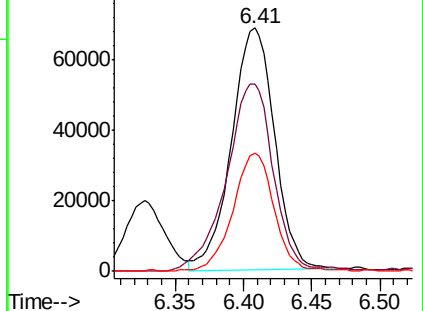
98 46.5 36.8 55.2



Abundance Ion 83.15 (82.85 to 83.85): VU032048.D (-1640) (-)

Ion 55.10 (54.80 to 55.80): VU032048.D (-1640) (-)

Ion 98.15 (97.85 to 98.85): VU032048.D (-1640) (-)



#52

Ethylbenzene

Concen: 0.174 ug/L

RT: 9.25 min Scan# 2539

Delta R.T. 0.01 min

Lab File: VU032052.D

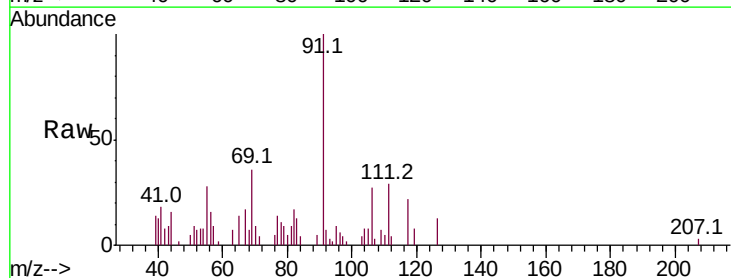
Acq: 16 May 2019 16:30

Tgt Ion: 91 Resp: 12578

Ion Ratio Lower Upper

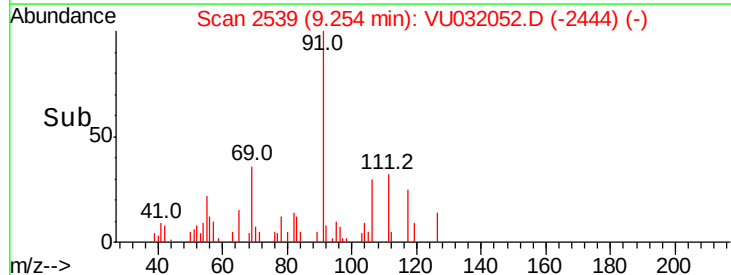
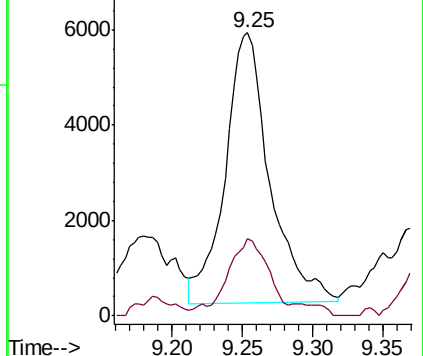
91 100

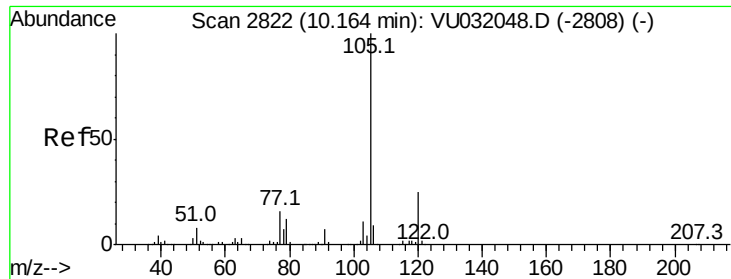
106 27.3 21.3 39.6



Abundance Ion 91.15 (90.85 to 91.85): VU032048.D (-2523) (-)

Ion 106.15 (105.85 to 106.85): VU032048.D (-2523) (-)





#56

Isopropylbenzene

Concen: 7.097 ug/L

RT: 10.16 min Scan# 2822

Delta R.T. 0.00 min

Lab File: VU032052.D

Acq: 16 May 2019 16:30

Instrument :

MSVOA_U

ClientSampleId :

DB886DL

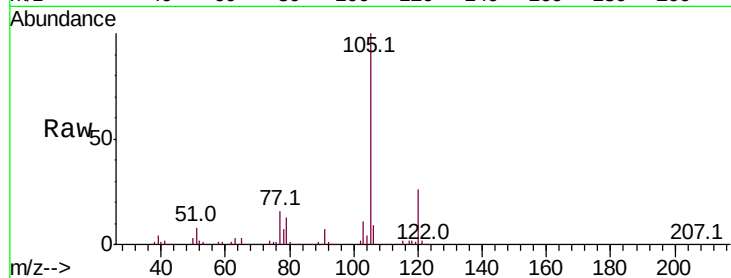
Tot Ion:105 Resp: 478882

Ion Ratio Lower Upper

105 100

120 26.4 20.7 31.1

77 15.9 12.3 18.5



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): VU

