

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU123119\
 Data File : VU036385.D
 Acq On : 31 Dec 2019 12:57
 Operator : JC/MD
 Sample : K6459-16MSD
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H0BP0MSD

Quant Time: Jan 01 01:41:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR122819WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Jan 01 01:19:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	272057	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	258399	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	97626	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	87178	4.41	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.20%
7) Chloroethane-d5	1.93	69	88872	4.96	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.20%
11) 1,1-Dichloroethene-d2	2.60	63	181430	5.02	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	100.40%
20) 2-Butanone-d5	4.68	46	278630	55.26	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.52%
24) Chloroform-d	5.11	84	191439	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.60%
26) 1,2-Dichloroethane-d4	5.75	65	109567	5.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.60%
32) Benzene-d6	5.77	84	376634	5.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.00%
36) 1,2-Dichloropropane-d6	6.73	67	121024	5.06	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.20%
41) Toluene-d8	7.93	98	338481	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.40%
43) trans-1,3-Dichloropropene-	8.21	79	52953	4.80	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.00%
46) 2-Hexanone-d5	8.67	63	256795	54.12	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.24%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	102321	4.93	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.60%
64) 1,2-Dichlorobenzene-d4	12.22	152	104914	5.04	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.80%

Target Compounds

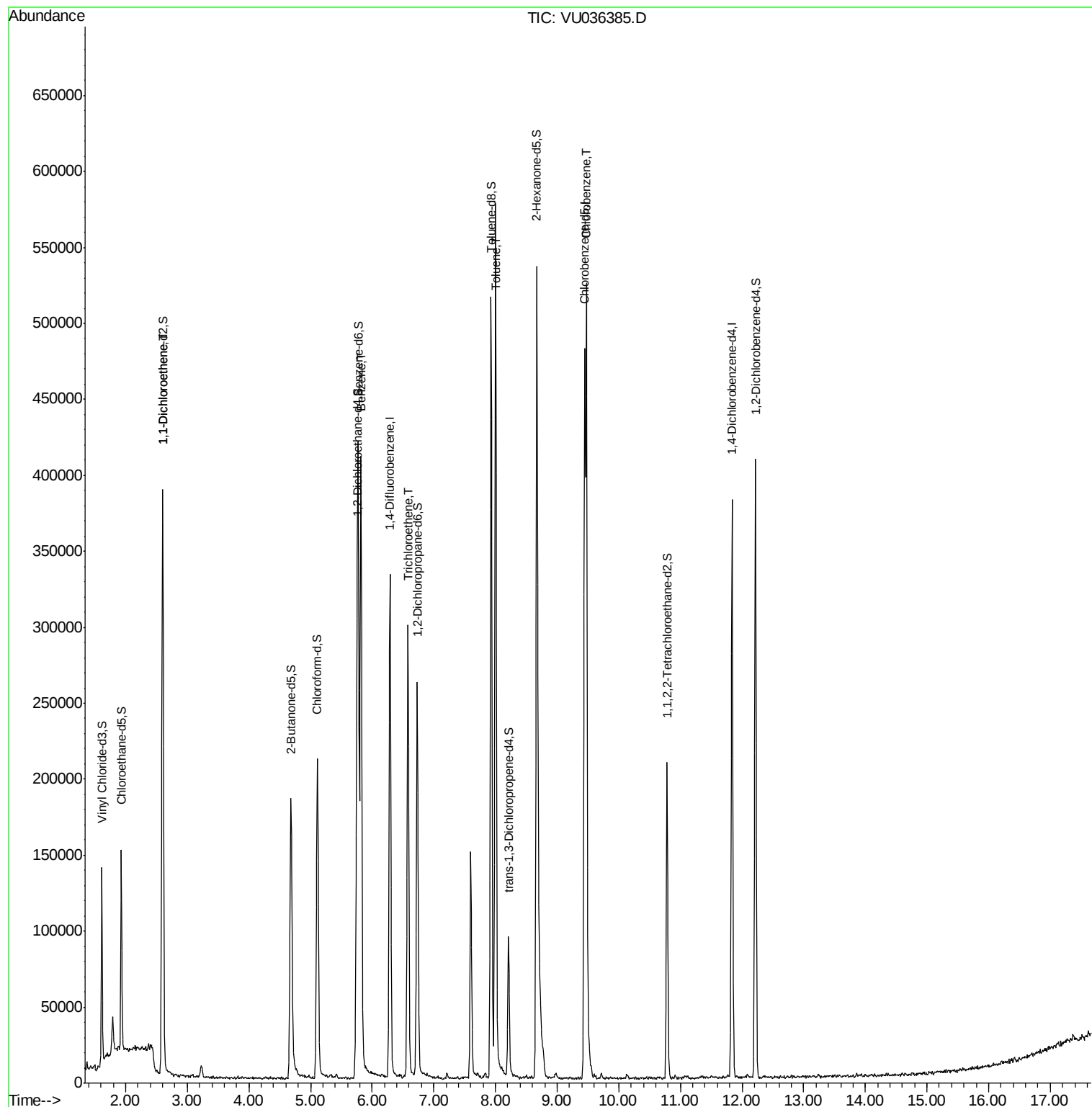
					Ovalue
12) 1,1-Dichloroethene	2.61	96	82372	4.974 ug/L	94
33) Benzene	5.82	78	380925	4.975 ug/L	100
34) Trichloroethene	6.58	95	102060	4.949 ug/L	97
42) Toluene	8.00	91	415262	4.902 ug/L	99
51) Chlorobenzene	9.47	112	257851	4.881 ug/L	96

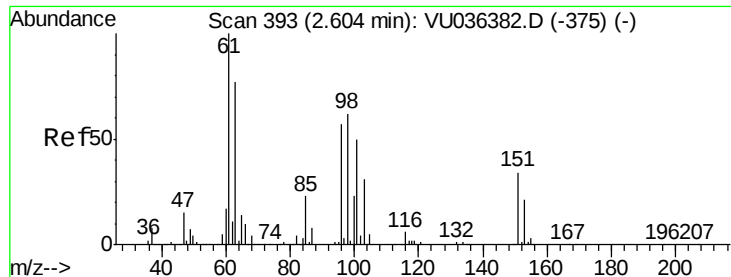
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 4.974 ug/L

RT: 2.61 min Scan# 394

Delta R.T. 0.00 min

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MSVOA_U

ClientSampleId :

H0BP0MSD

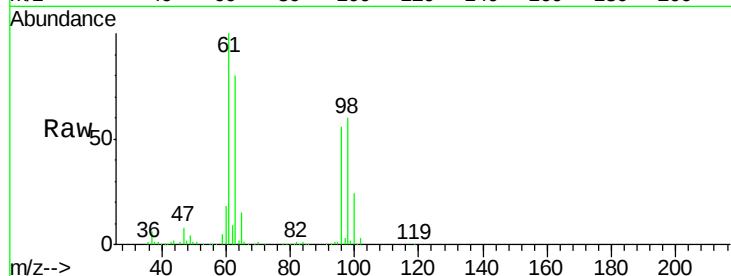
Tot Ion: 96 Resp: 82372

Ion Ratio Lower Upper

96 100

61 178.1 123.8 230.0

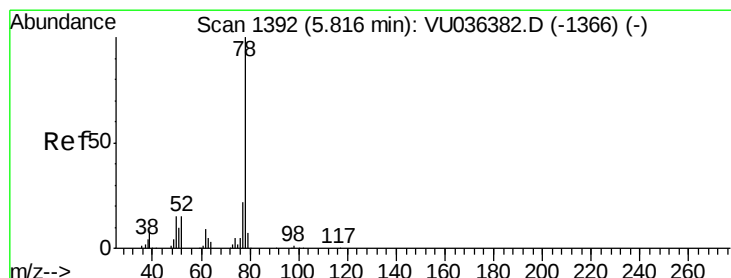
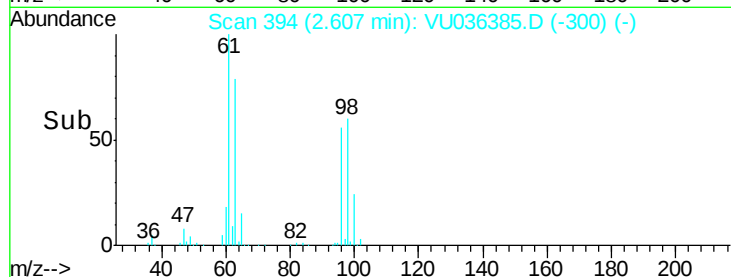
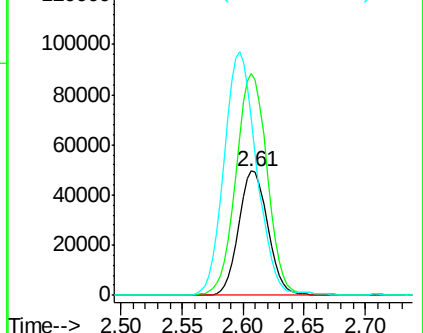
63 142.1 89.0 165.4



Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 63.00 (62.70 to 63.70): VU0



#33

Benzene

Concen: 4.975 ug/L

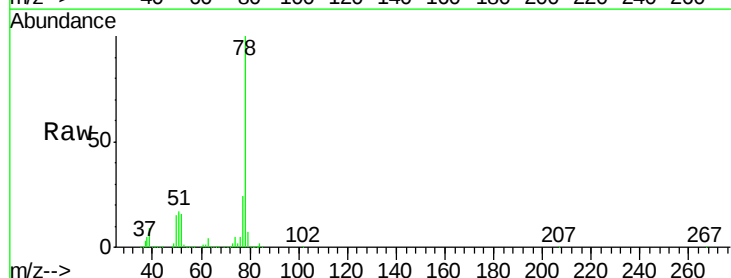
RT: 5.82 min Scan# 1393

Delta R.T. 0.00 min

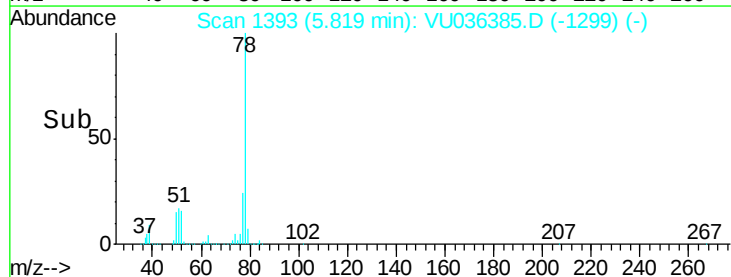
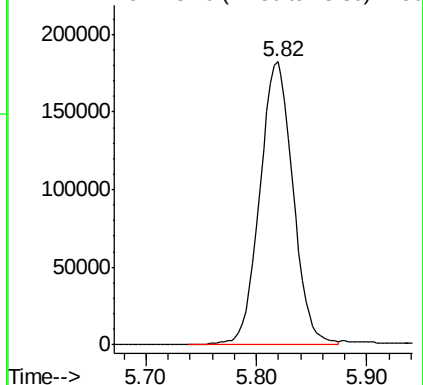
Lab File: VU036385.D

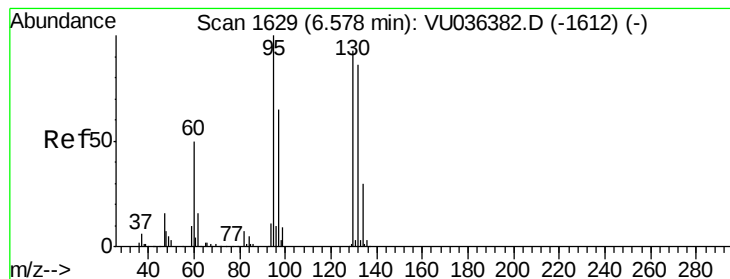
Acq: 31 Dec 2019 12:57

Tgt Ion: 78 Resp: 380925



Abundance Ion 78.10 (77.80 to 78.80): VU0





#34

Trichloroethene

Concen: 4.949 ug/L

RT: 6.58 min Scan# 1630

Delta R.T. 0.00 min

Lab File: VU036385.D

Acq: 31 Dec 2019 12:57

Instrument :

MSVOA_U

ClientSampleId :

H0BP0MSD

Tot Ion: 95 Resp: 102060

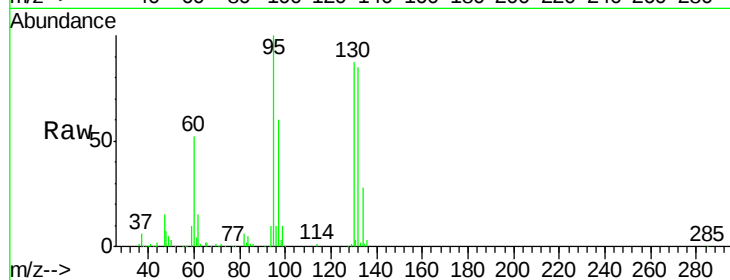
Ion Ratio Lower Upper

95 100

97 59.9 42.9 79.7

132 85.0 62.4 116.0

130 87.5 62.9 116.9

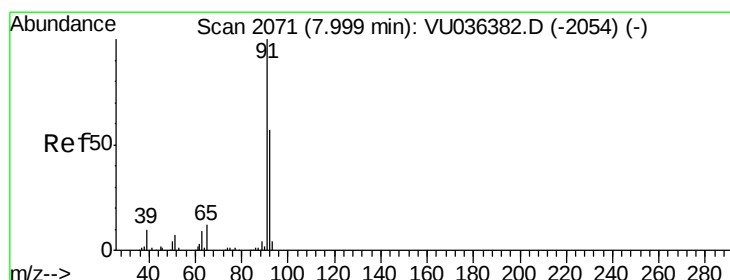
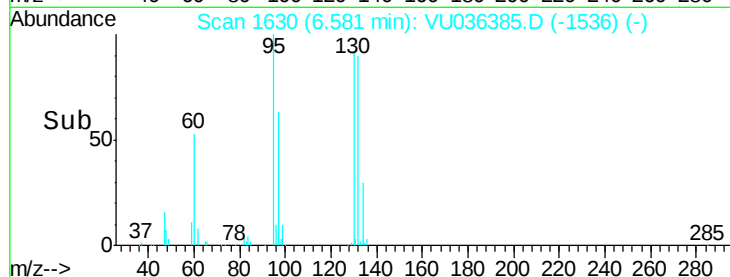
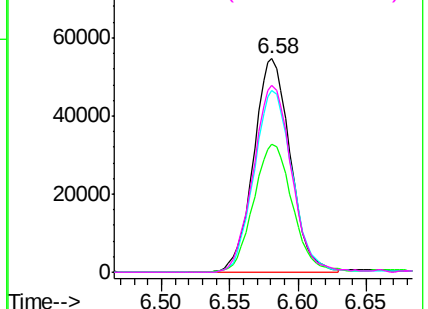


Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 96.95 (96.65 to 97.65): VU0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



#42

Toluene

Concen: 4.902 ug/L

RT: 8.00 min Scan# 2072

Delta R.T. 0.00 min

Lab File: VU036385.D

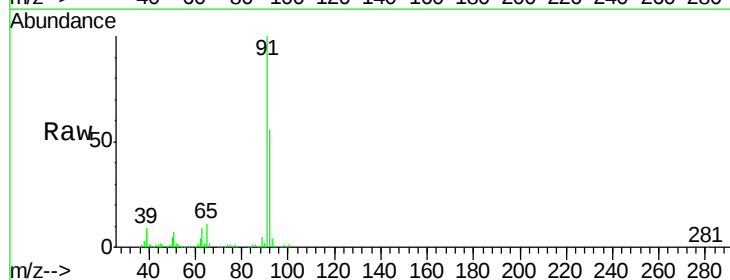
Acq: 31 Dec 2019 12:57

Tgt Ion: 91 Resp: 415262

Ion Ratio Lower Upper

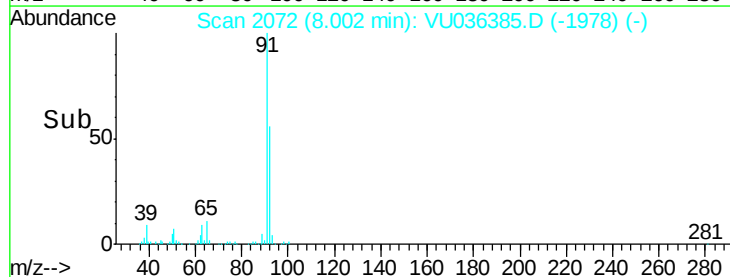
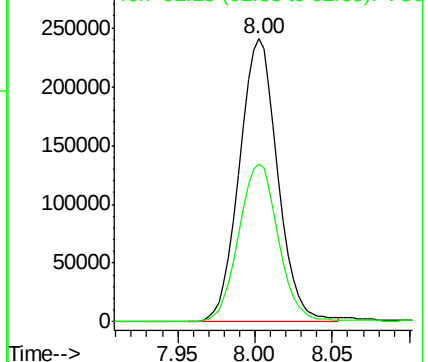
91 100

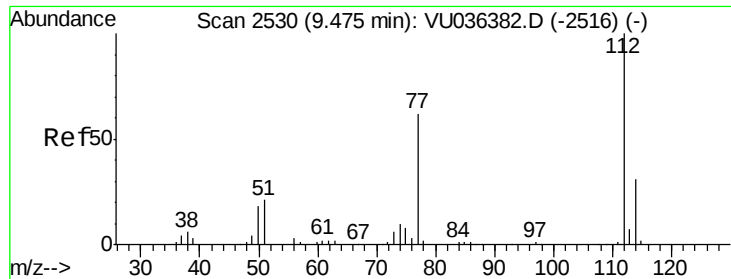
92 56.0 39.5 73.3



Abundance Ion 91.15 (90.85 to 91.85): VU0

Ion 92.15 (91.85 to 92.85): VU0





#51

Chlorobenzene

Concen: 4.881 ug/L

RT: 9.47 min Scan# 2530

Delta R.T. -0.00 min

Lab File: VU036385.D

Acq: 31 Dec 2019 12:57

Instrument :

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H0BP0MSD

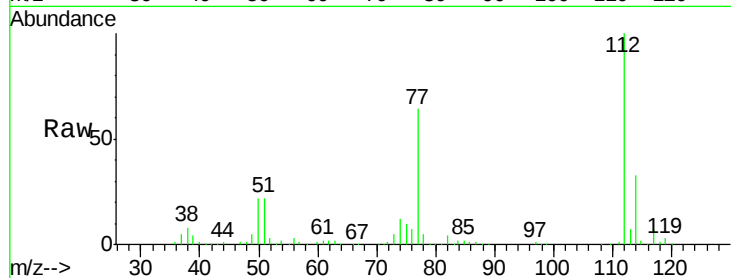
Tot Ion:112 Resp: 257851

Ion Ratio Lower Upper

112 100

114 33.1 22.7 42.3

77 63.7 47.8 71.8



Abundance Ion 112.10 (111.80 to 112.80): V

Ion 114.05 (113.75 to 114.75): V

Ion 77.10 (76.80 to 77.80): VU0

