

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU071818\
 Data File : VU025492.D
 Acq On : 18 Jul 2018 12:50
 Operator : MD/SY
 Sample : J4024-07MSD
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jul 19 01:46:06 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM071718WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jul 19 01:07:14 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	329844	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	295636	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	141859	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	67110	43.14	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.28%
7) Chloroethane-d5	1.68	69	63597	47.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.98%
11) 1,1-Dichloroethene-d2	2.28	63	160530	47.00	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.00%
21) 2-Butanone-d5	4.18	46	142861	86.31	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	86.31%
24) Chloroform-d	4.65	84	183035	45.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.72%
26) 1,2-Dichloroethane-d4	5.31	65	128107	46.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.30%
32) Benzene-d6	5.35	84	352346	49.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.64%
36) 1,2-Dichloropropane-d6	6.34	67	117399	49.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.24%
41) Toluene-d8	7.57	98	329574	47.66	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.32%
43) trans-1,3-Dichloropropene-	7.85	79	55453	45.03	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.06%
47) 2-Hexanone-d5	8.31	63	102735	83.76	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	83.76%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	159833	45.50	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.00%
64) 1,2-Dichlorobenzene-d4	11.86	152	136665	48.07	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.14%

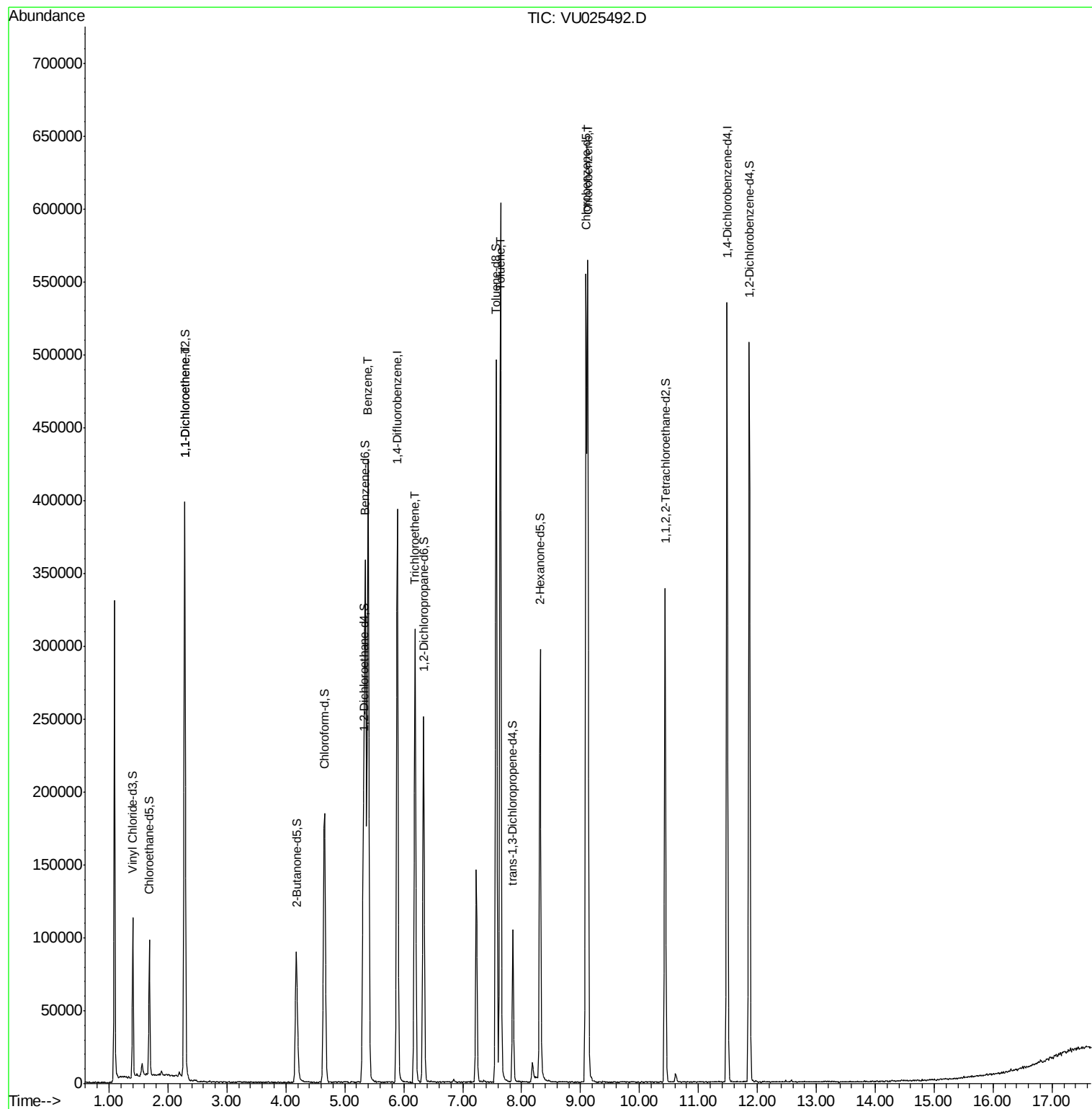
Target Compounds

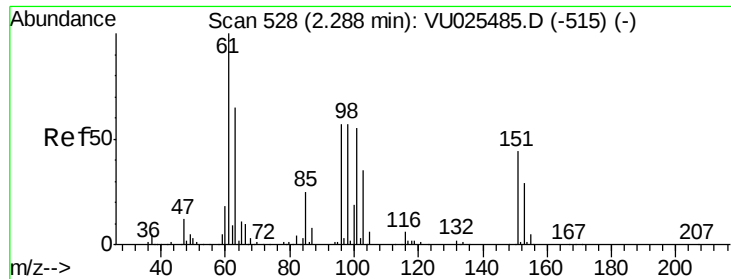
					Ovalue
12) 1,1-Dichloroethene	2.29	96	85008	47.55	ug/L 98
33) Benzene	5.39	78	411018	46.99	ug/L 100
34) Trichloroethene	6.19	95	105640	45.63	ug/L 99
42) Toluene	7.64	91	444270	47.64	ug/L 98
51) Chlorobenzene	9.12	112	289693	46.30	ug/L 99

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU071818\
Data File : VU025492.D
Acq On : 18 Jul 2018 12:50
Operator : MD/SY
Sample : J4024-07MSD
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 9 Sample Multiplier: 1

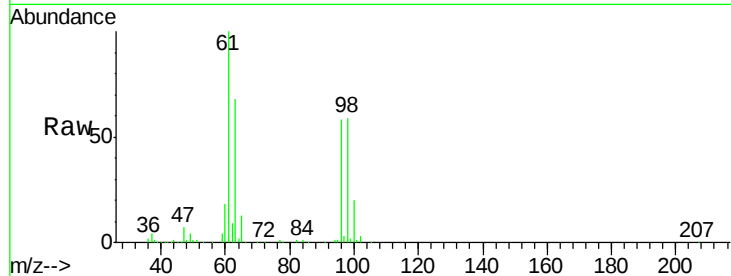
Quant Time: Jul 19 01:46:06 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM071718WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Jul 19 01:07:14 2018
Response via : Initial Calibration



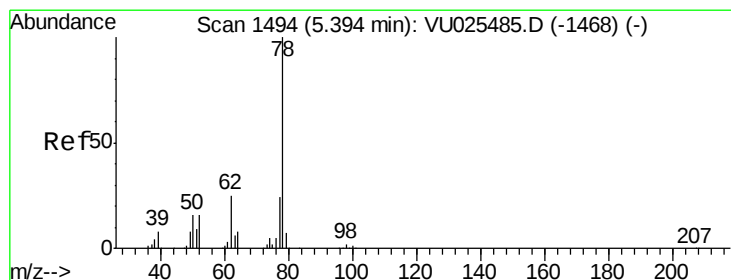
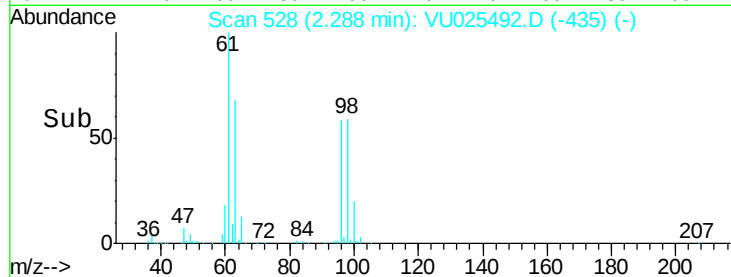
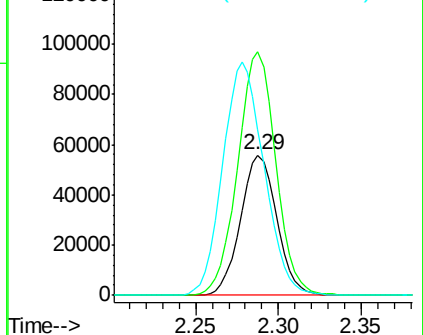


#12
 1,1-Dichloroethene
 Concen: 47.55 ug/L
 RT: 2.29 min Scan# 528
 Delta R.T. 0.00 min
 Lab File: VU025492.D
 Acq: 18 Jul 2018 12:50

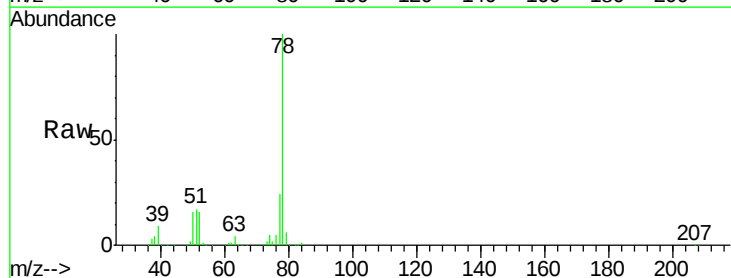
Tot Ion: 96 Resp: 85008
 Ion Ratio Lower Upper
 96 100
 61 173.7 120.6 224.0
 63 118.0 79.3 147.3



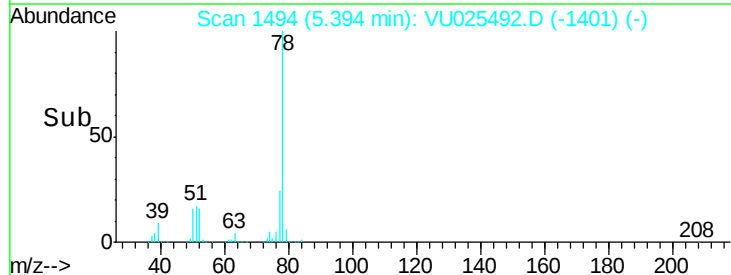
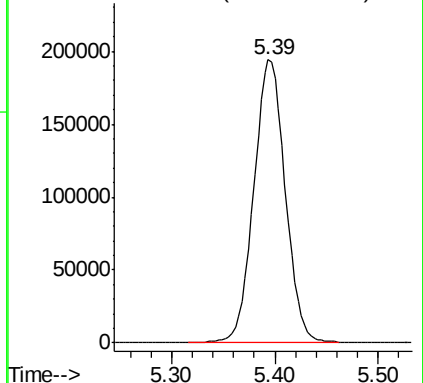
Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.00 (60.70 to 61.70): VU0
 Ion 63.00 (62.70 to 63.70): VU0

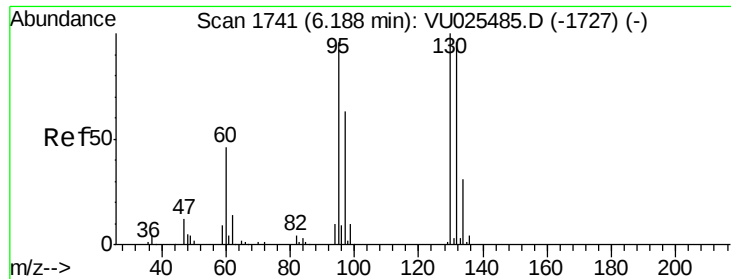


#33
 Benzene
 Concen: 46.99 ug/L
 RT: 5.39 min Scan# 1494
 Delta R.T. 0.00 min
 Lab File: VU025492.D
 Acq: 18 Jul 2018 12:50
 Tgt Ion: 78 Resp: 411018



Abundance Ion 78.00 (77.70 to 78.70): VU0





#34

Trichloroethene

Concen: 45.63 ug/L

RT: 6.19 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VU025492.D

Acq: 18 Jul 2018 12:50

Tot Ion: 95 Resp: 105640

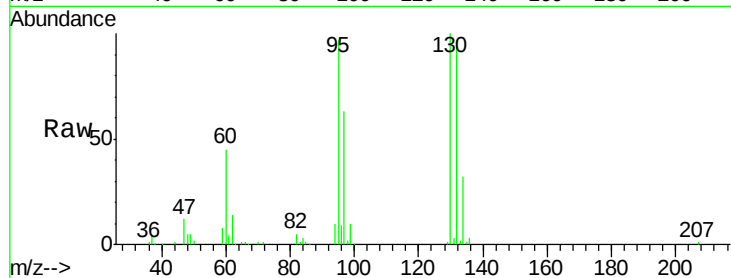
Ion	Ratio	Lower	Upper
95	100		
97	65.1	45.9	85.3
132	100.1	68.2	126.6
130	103.1	71.8	133.4

95 100

97 65.1 45.9 85.3

132 100.1 68.2 126.6

130 103.1 71.8 133.4

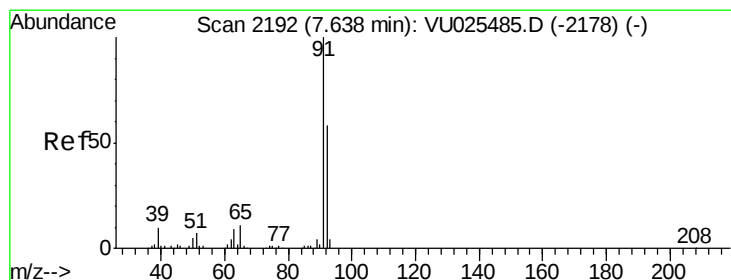
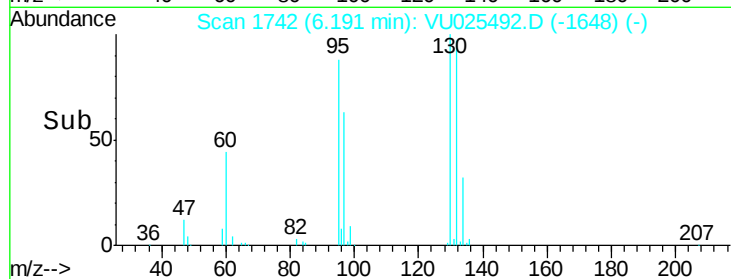
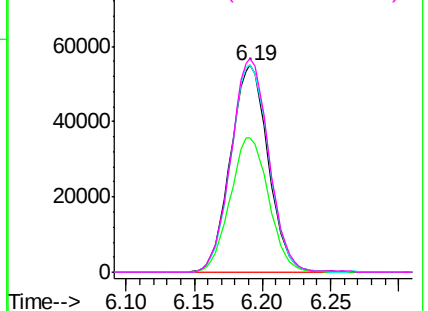


Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#42

Toluene

Concen: 47.64 ug/L

RT: 7.64 min Scan# 2193

Delta R.T. 0.00 min

Lab File: VU025492.D

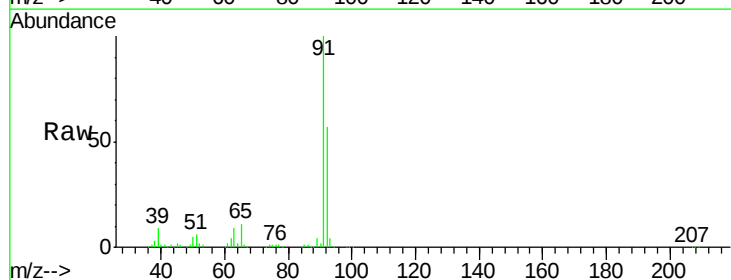
Acq: 18 Jul 2018 12:50

Tgt Ion: 91 Resp: 444270

Ion	Ratio	Lower	Upper
91	100		
92	56.7	40.5	75.1

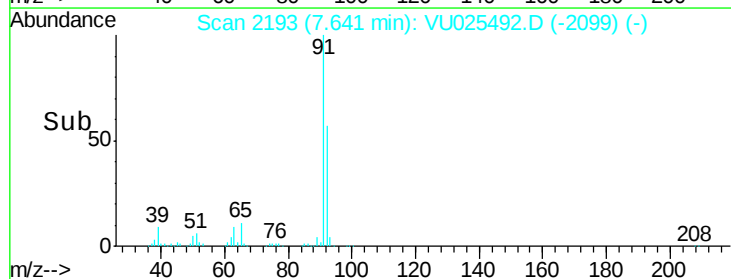
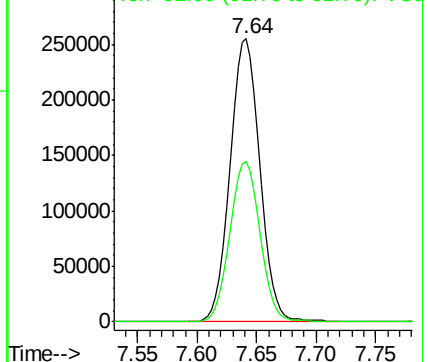
91 100

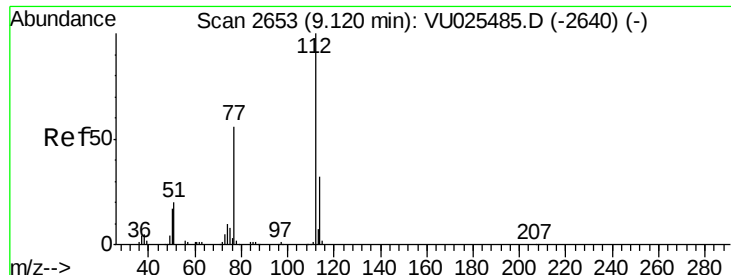
92 56.7 40.5 75.1



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 92.00 (91.70 to 92.70): VU0





#51

Chlorobenzene

Concen: 46.30 ug/L

RT: 9.12 min Scan# 2653

Delta R.T. 0.00 min

Lab File: VU025492.D

Acq: 18 Jul 2018 12:50

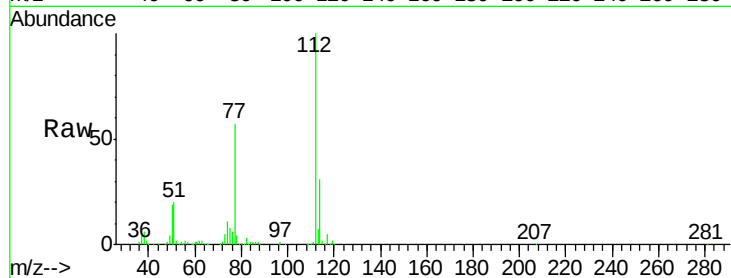
Tot Ion:112 Resp: 289693

Ion Ratio Lower Upper

112 100

114 31.1 22.8 42.4

77 57.3 45.8 68.8



Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V

Ion 77.00 (76.70 to 77.70): VU0

