

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU030320\
 Data File : VU037029.D
 Acq On : 03 Mar 2020 17:18
 Operator : JC/MD
 Sample : L1746-09
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AY7

Quant Time: Mar 04 08:04:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM022420WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Mar 04 06:53:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	264176	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	251763	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	89790	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	101346	45.68	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.36%
7) Chloroethane-d5	1.93	69	93302	50.83	ug/L	0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	101.66%
11) 1,1-Dichloroethene-d2	2.59	63	129736	34.92	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.84%
21) 2-Butanone-d5	4.67	46	153534	103.17	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.17%
24) Chloroform-d	5.11	84	168247	49.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.32%
26) 1,2-Dichloroethane-d4	5.74	65	116623	50.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.74%
32) Benzene-d6	5.76	84	365318	50.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.36%
36) 1,2-Dichloropropane-d6	6.72	67	120858	51.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.48%
41) Toluene-d8	7.92	98	322629	47.77	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.54%
43) trans-1,3-Dichloropropene-	8.20	79	46840	42.73	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.46%
47) 2-Hexanone-d5	8.66	63	101897	88.35	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	88.35%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	160793	48.35	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.70%
64) 1,2-Dichlorobenzene-d4	12.21	152	92197	52.53	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.06%

Target Compounds

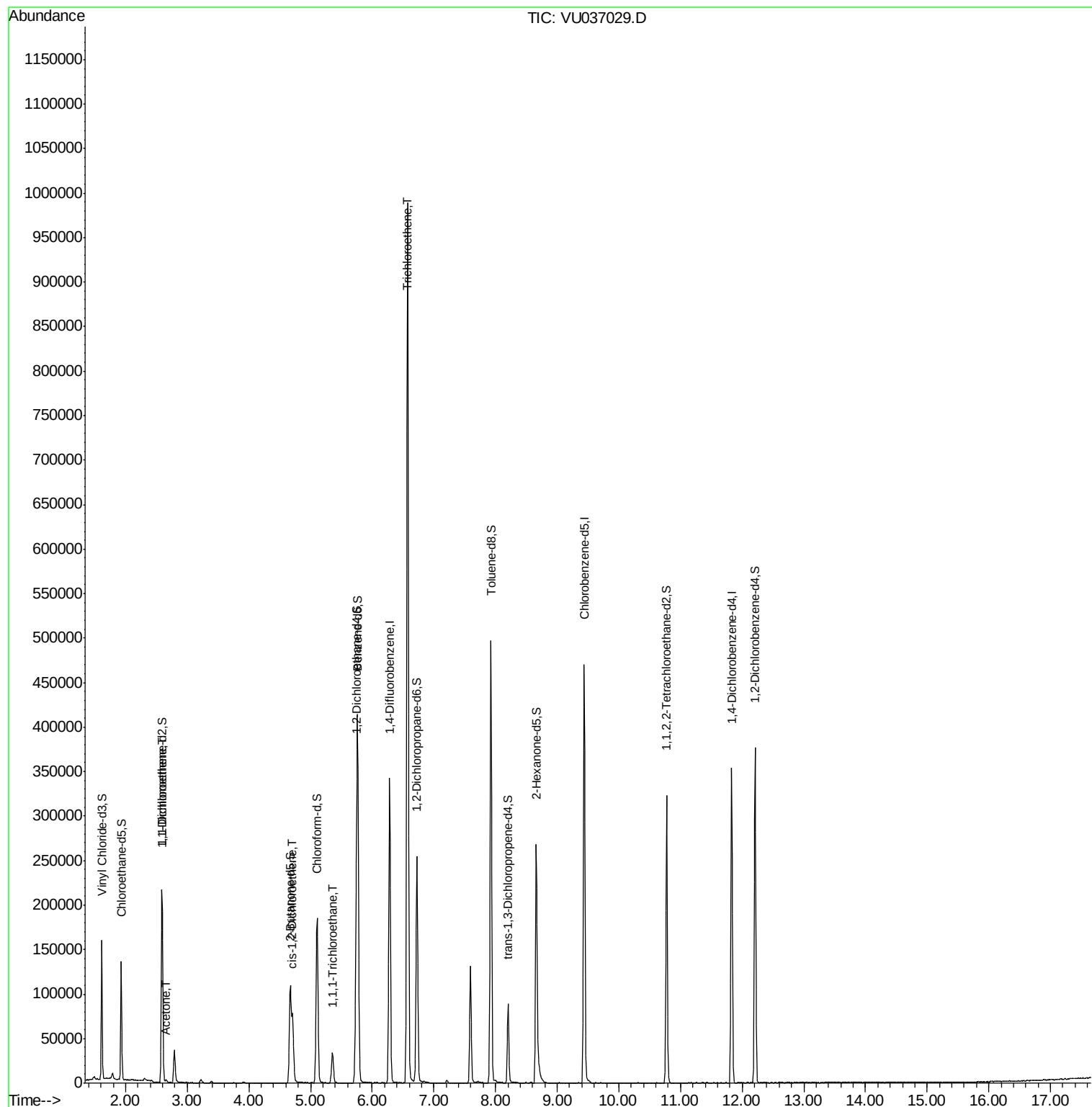
					Ovalue
12) 1,1-Dichloroethene	2.60	96	2473	1.449 ug/L #	1
13) Acetone	2.66	43	3622	2.366 ug/L	93
20) cis-1,2-Dichloroethene	4.71	96	33125	16.162 ug/L	99
30) 1,1,1-Trichloroethane	5.36	97	24290	8.999 ug/L	99
34) Trichloroethene	6.57	95	335416	171.581 ug/L	98

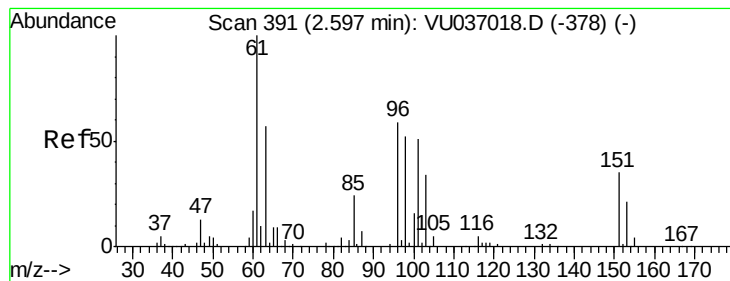
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 1.449 ug/L

RT: 2.60 min Scan# 393

Delta R.T. 0.01 min

Lab File: VU037029.D

Acq: 03 Mar 2020 17:18

Instrument :

MSVOA_U

ClientSampleId :

C0AY7

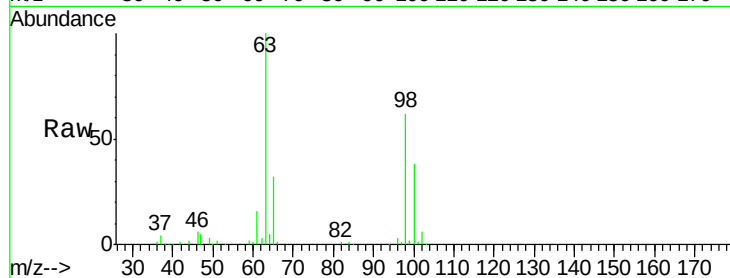
Tot Ion: 96 Resp: 2473

Ion Ratio Lower Upper

96 100

61 490.7 127.5 236.7#

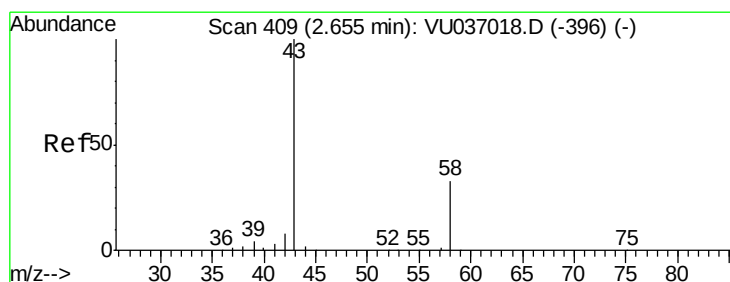
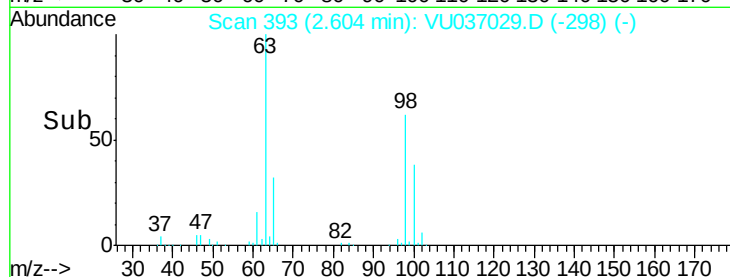
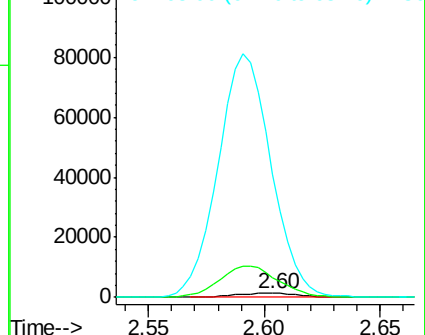
63 3033.1 101.4 188.2#



Abundance Ion 96.00 (95.70 to 96.70): VU037029.D (-393) (-)

Ion 61.00 (60.70 to 61.70): VU037029.D (-393) (-)

Ion 63.00 (62.70 to 63.70): VU037029.D (-393) (-)



#13

Acetone

Concen: 2.366 ug/L

RT: 2.66 min Scan# 409

Delta R.T. 0.00 min

Lab File: VU037029.D

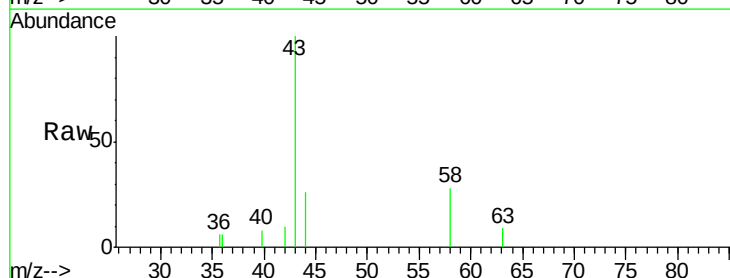
Acq: 03 Mar 2020 17:18

Tgt Ion: 43 Resp: 3622

Ion Ratio Lower Upper

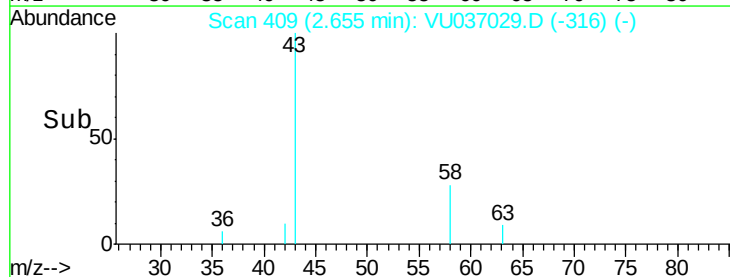
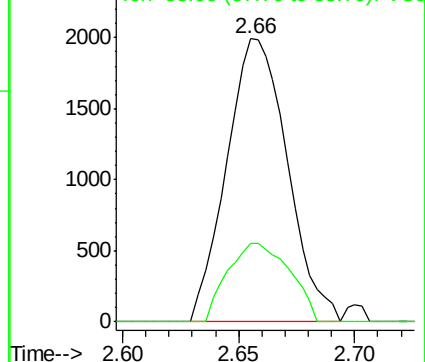
43 100

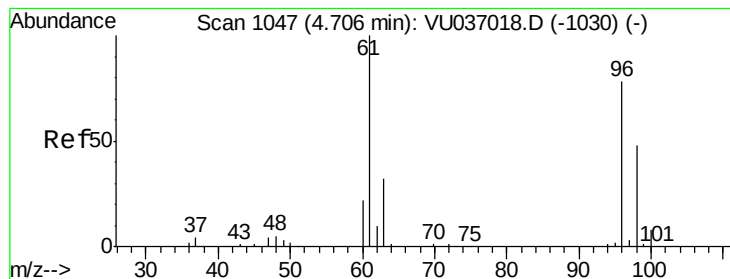
58 28.4 0.0 64.6



Abundance Ion 43.00 (42.70 to 43.70): VU037029.D (-316) (-)

Ion 58.00 (57.70 to 58.70): VU037029.D (-316) (-)





#20

cis-1,2-Dichloroethene

Concen: 16.162 ug/L

RT: 4.71 min Scan# 1048

Delta R.T. 0.00 min

Lab File: VU037029.D

Acq: 03 Mar 2020 17:18

Instrument :

MSVOA_U

ClientSampleId :

C0AY7

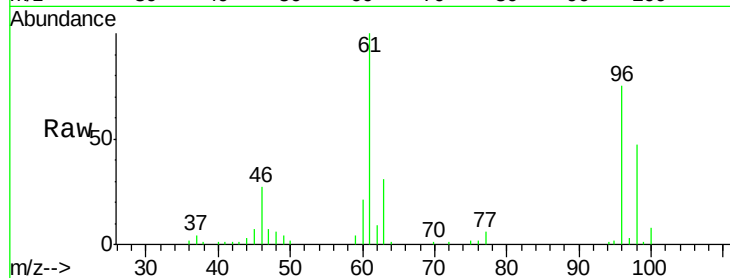
Tot Ion: 96 Resp: 33125

Ion Ratio Lower Upper

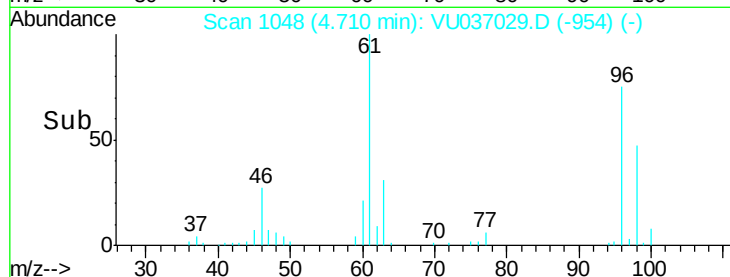
96 100

61 134.2 93.1 172.9

68 0.0 0.0 0.0



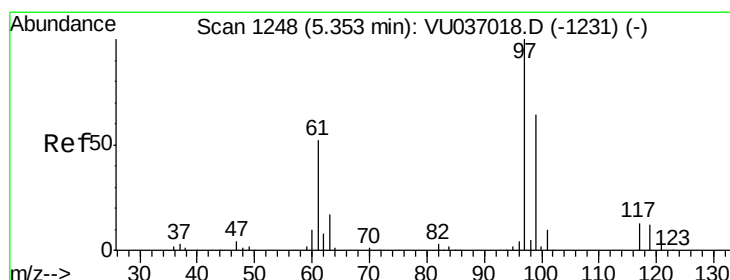
Abundance Ion 96.00 (95.70 to 96.70): VU037018.D (-1030) (-)



Ion 61.00 (60.70 to 61.70): VU037029.D (-954) (-)

Ion 68.00 (67.70 to 68.70): VU037029.D (-954) (-)

Time-->



#30

1,1,1-Trichloroethane

Concen: 8.999 ug/L

RT: 5.36 min Scan# 1249

Delta R.T. 0.00 min

Lab File: VU037029.D

Acq: 03 Mar 2020 17:18

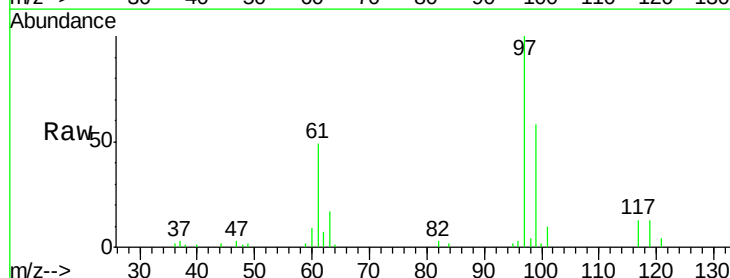
Tgt Ion: 97 Resp: 24290

Ion Ratio Lower Upper

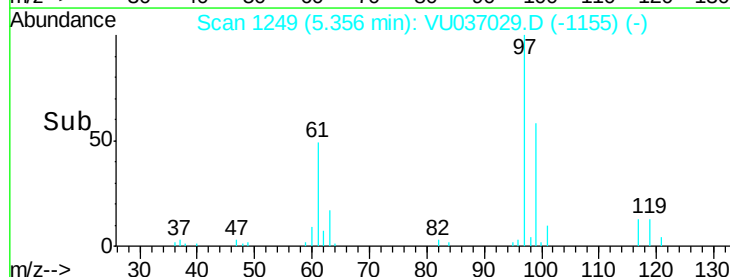
97 100

99 61.7 50.4 75.6

61 49.9 40.3 60.5



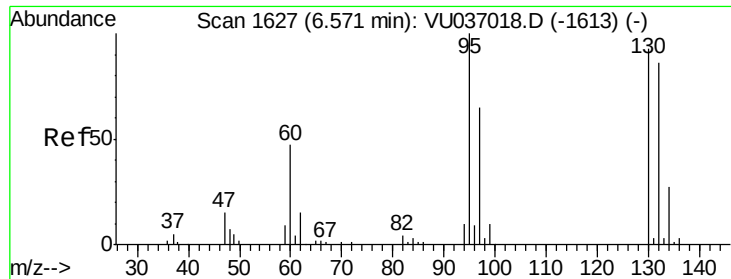
Abundance Ion 97.00 (96.70 to 97.70): VU037018.D (-1231) (-)



Ion 99.00 (98.70 to 99.70): VU037029.D (-1155) (-)

Ion 61.05 (60.75 to 61.75): VU037029.D (-1155) (-)

Time-->



#34

Trichloroethene

Concen: 171.581 ug/L

RT: 6.57 min Scan# 1628

Delta R.T. 0.00 min

Lab File: VU037029.D

Acq: 03 Mar 2020 17:18

Instrument :

MSVOA_U

ClientSampleId :

C0AY7

Tot Ion: 95 Resp: 335416

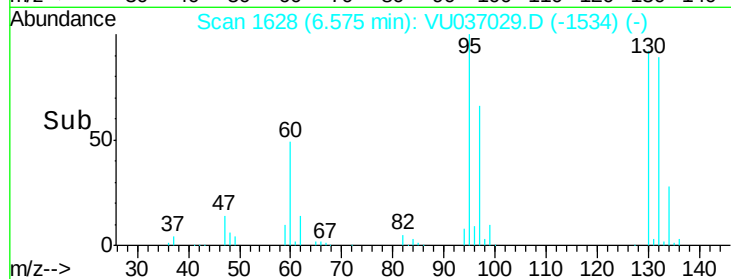
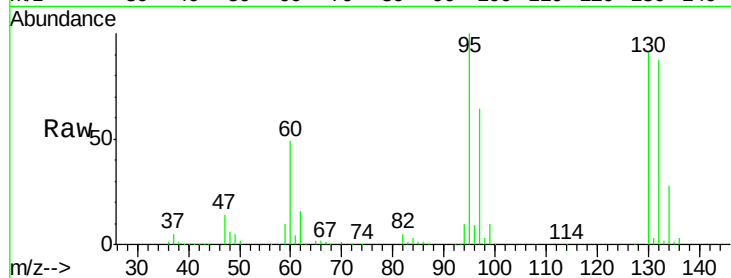
Ion Ratio Lower Upper

95 100

97 64.5 44.1 81.9

132 87.4 60.6 112.6

130 90.7 64.9 120.5



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

