

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU030320\
 Data File : VU037024.D
 Acq On : 03 Mar 2020 15:23
 Operator : JC/MD
 Sample : L1746-04
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AY2

Quant Time: Mar 04 09:26:14 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	265165	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	250891	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	90823	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	103991	46.70	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.40%
7) Chloroethane-d5	1.93	69	96129	52.17	ug/L	0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	104.34%
11) 1,1-Dichloroethene-d2	2.59	63	131823	35.35	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.70%
21) 2-Butanone-d5	4.67	46	151528	101.45	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.45%
24) Chloroform-d	5.11	84	169283	49.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.56%
26) 1,2-Dichloroethane-d4	5.74	65	117454	51.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.08%
32) Benzene-d6	5.76	84	367198	50.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.22%
36) 1,2-Dichloropropane-d6	6.72	67	119189	50.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.42%
41) Toluene-d8	7.92	98	323998	48.14	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.28%
43) trans-1,3-Dichloropropene-	8.20	79	48480	44.38	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.76%
47) 2-Hexanone-d5	8.66	63	106015	92.24	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.24%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	162571	49.06	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.12%
64) 1,2-Dichlorobenzene-d4	12.21	152	94469	53.21	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.42%

Target Compounds

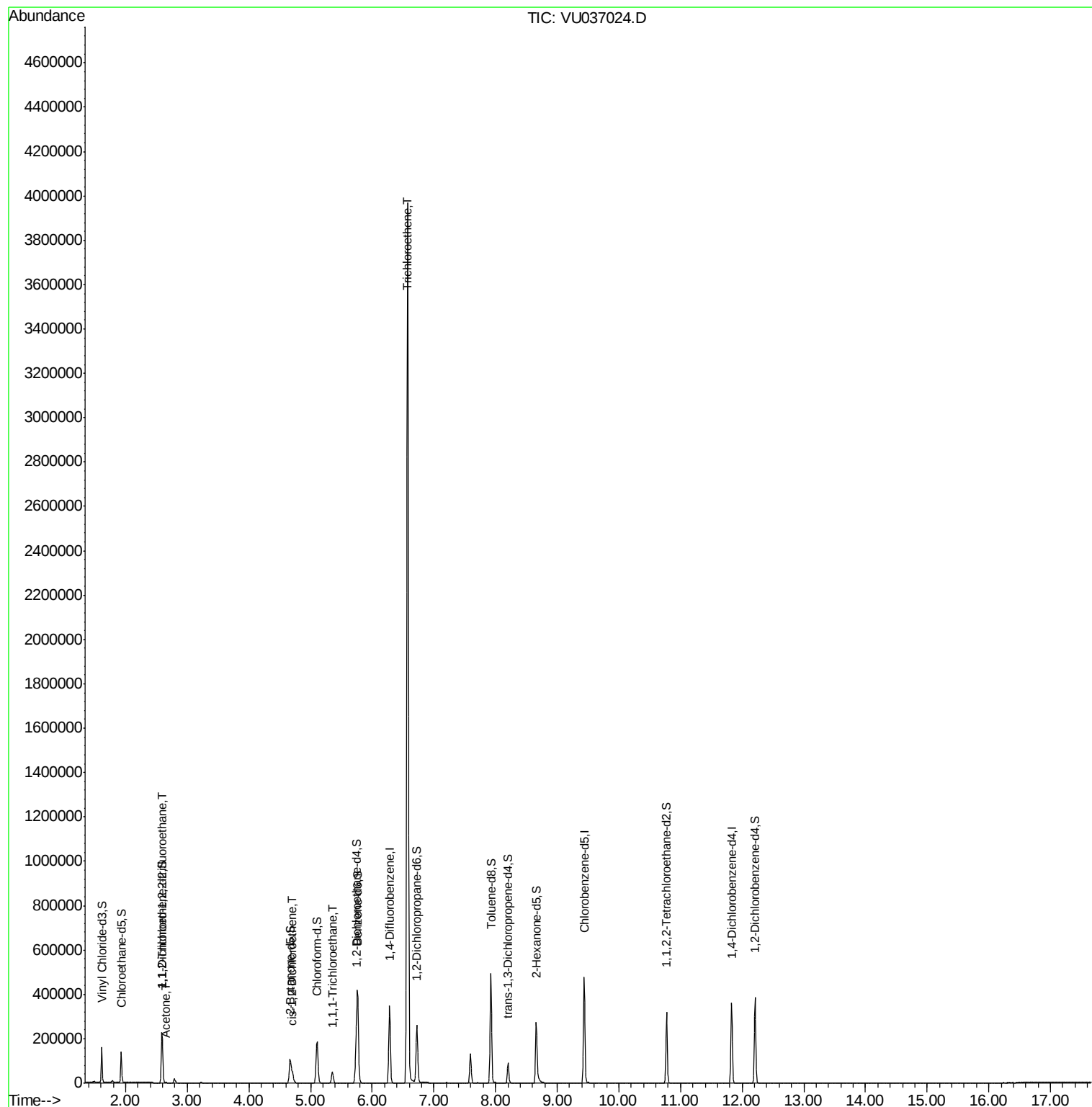
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	3874	2.288 ug/L	# 68
13) Acetone	2.66	43	3442	2.240 ug/L	93
20) cis-1,2-Dichloroethene	4.71	96	19593	9.524 ug/L	96
30) 1,1,1-Trichloroethane	5.35	97	34551	12.845 ug/L	99
34) Trichloroethene	6.57	95	1336533	686.074 ug/L	99

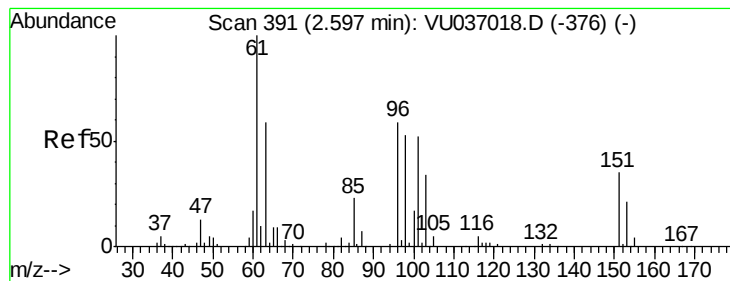
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Mar 04 06:53:13 2020
Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 2.288 ug/L

RT: 2.60 min Scan# 393

Delta R.T. 0.01 min

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MSVOA_U

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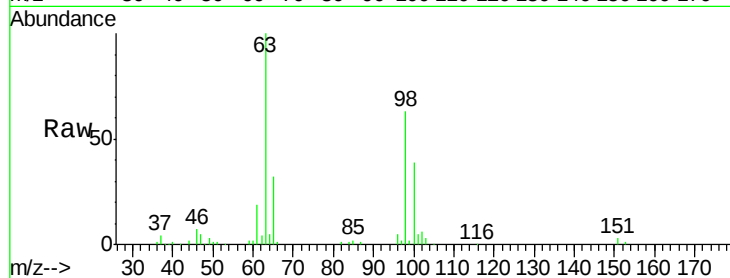
Tot Ion:101 Resp: 3874

Ion Ratio Lower Upper

101 100

85 15.3 36.4 54.6#

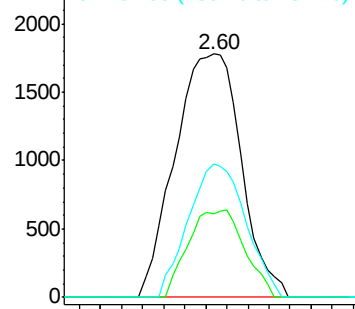
151 47.5 52.4 78.6#



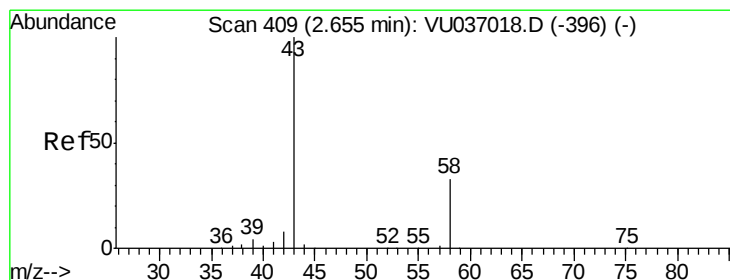
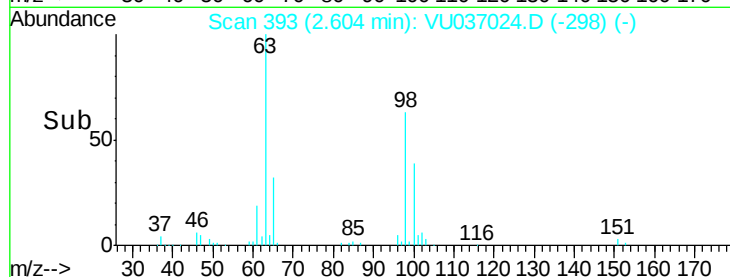
Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



Time-->



#13

Acetone

Concen: 2.240 ug/L

RT: 2.66 min Scan# 409

Delta R.T. 0.00 min

Lab File: VU037024.D

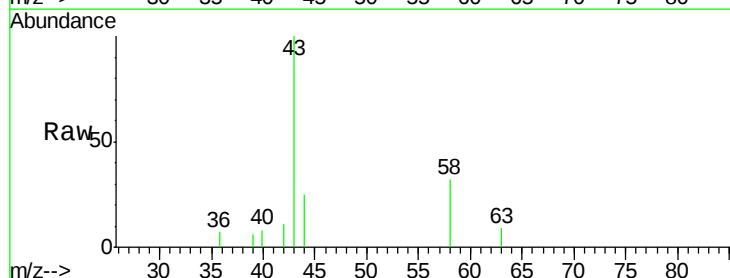
Acq: 03 Mar 2020 15:23

Tgt Ion: 43 Resp: 3442

Ion Ratio Lower Upper

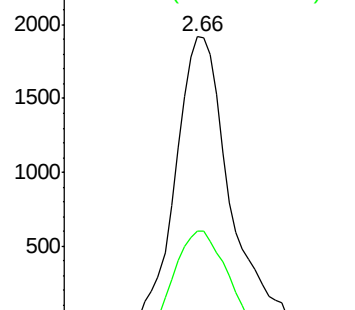
43 100

58 28.4 0.0 64.6

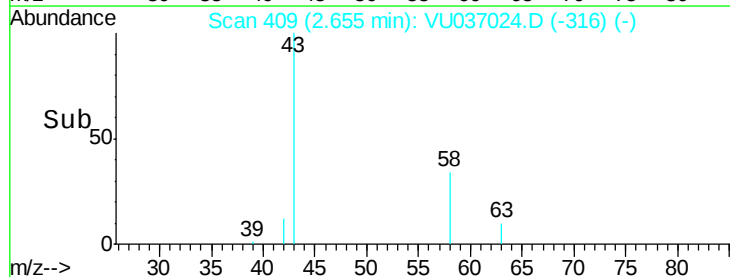


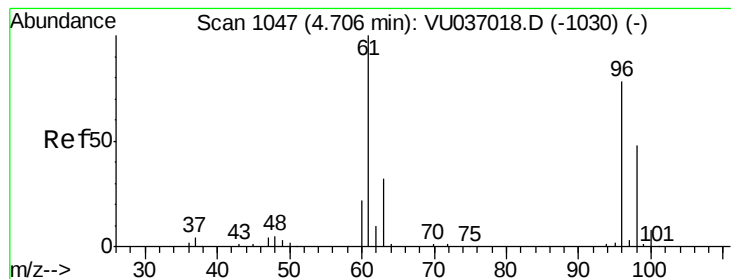
Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



Time-->





#20

cis-1,2-Dichloroethene

Concen: 9.524 ug/L

RT: 4.71 min Scan# 1047

Delta R.T. 0.00 min

Lab File: VU037024.D

Acq: 03 Mar 2020 15:23

Instrument :

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ClientSampleId :

C0AY2

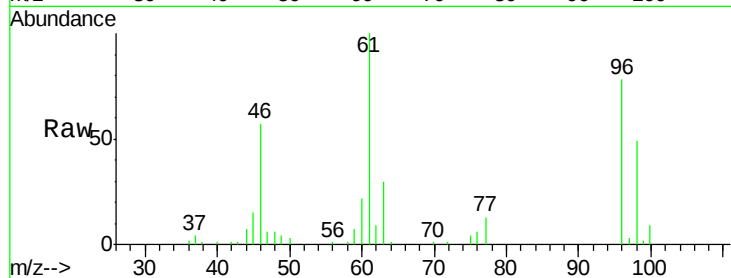
Tot Ion: 96 Resp: 19593

Ion Ratio Lower Upper

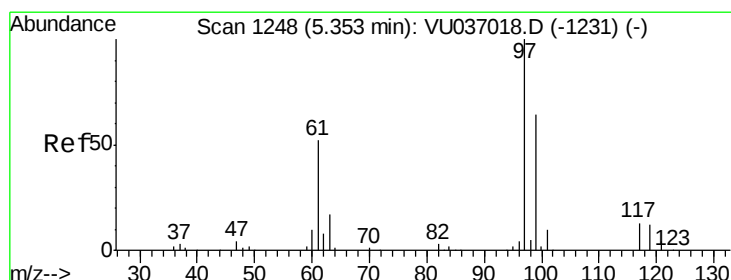
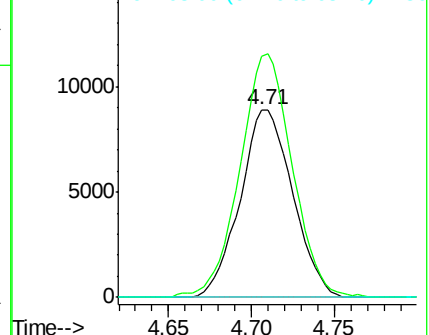
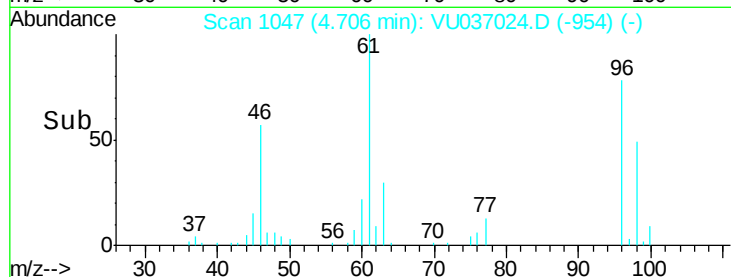
96 100

61 128.4 93.1 172.9

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU037024.D (-1155) (-)



#30

1,1,1-Trichloroethane

Concen: 12.845 ug/L

RT: 5.35 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VU037024.D

Acq: 03 Mar 2020 15:23

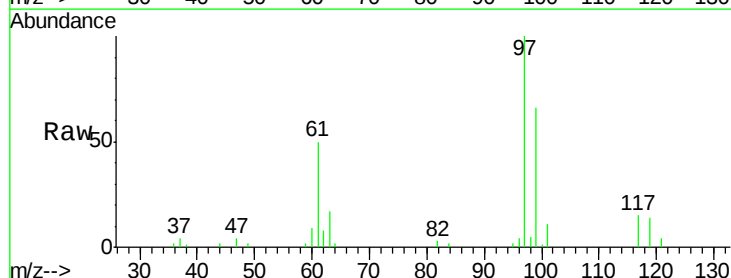
Tgt Ion: 97 Resp: 34551

Ion Ratio Lower Upper

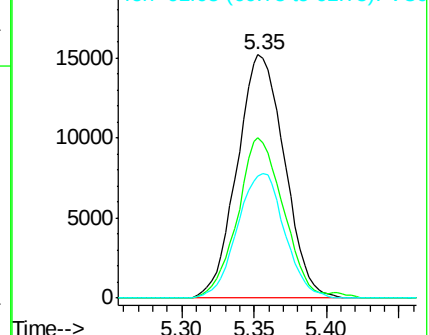
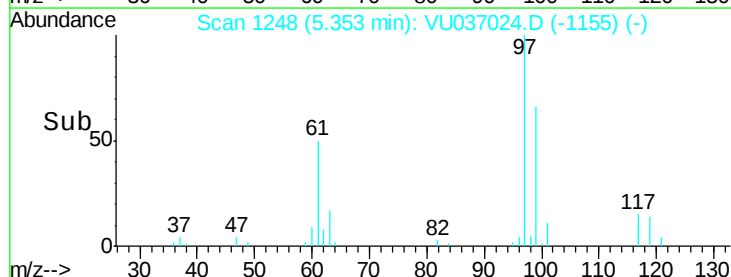
97 100

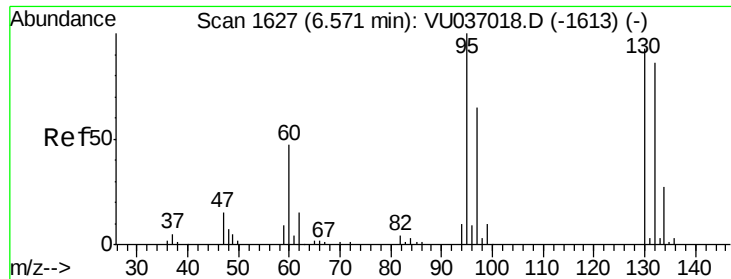
99 63.7 50.4 75.6

61 51.2 40.3 60.5



Abundance Ion 97.00 (96.70 to 97.70): VU037024.D (-1155) (-)





#34

Trichloroethene

Concen: 686.074 ug/L

RT: 6.57 min Scan# 1628

Delta R.T. 0.00 min

Lab File: VU037024.D

Acq: 03 Mar 2020 15:23

Instrument :

MSVOA_U

ClientSampleId :

C0AY2

Tot Ion: 95 Resp: 1336533

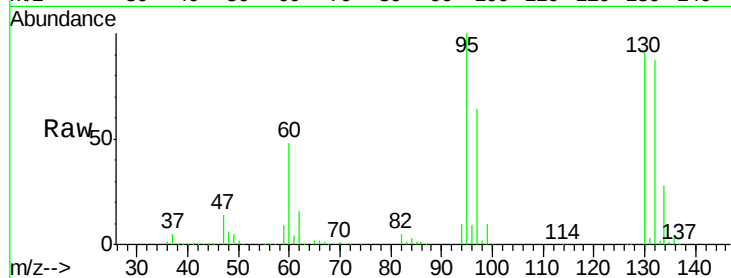
Ion Ratio Lower Upper

95 100

97 64.2 44.1 81.9

132 86.6 60.6 112.6

130 90.6 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

