

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU031420\
 Data File : VU037273.D
 Acq On : 14 Mar 2020 19:27
 Operator : JC/MD
 Sample : L1923-08
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0NG6

Quant Time: Mar 16 06:37:37 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR031120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Mar 16 05:16:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	120021	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	119921	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	49915	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	34943	4.43	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.60%
7) Chloroethane-d5	1.93	69	31552	5.67	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	113.40%
11) 1,1-Dichloroethene-d2	2.59	63	59450	3.66	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.20%
20) 2-Butanone-d5	4.67	46	95657	47.45	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.90%
24) Chloroform-d	5.11	84	74982	4.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.00%
26) 1,2-Dichloroethane-d4	5.74	65	44395	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.00%
32) Benzene-d6	5.76	84	134679	4.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.40%
36) 1,2-Dichloropropane-d6	6.73	67	43927	4.61	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.20%
41) Toluene-d8	7.92	98	123268	4.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.20%
43) trans-1,3-Dichloropropene-	8.21	79	16398	4.26	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.20%
46) 2-Hexanone-d5	8.66	63	75536	47.14	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.28%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	35739	4.56	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.20%
64) 1,2-Dichlorobenzene-d4	12.21	152	42879	4.97	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.40%

Target Compounds

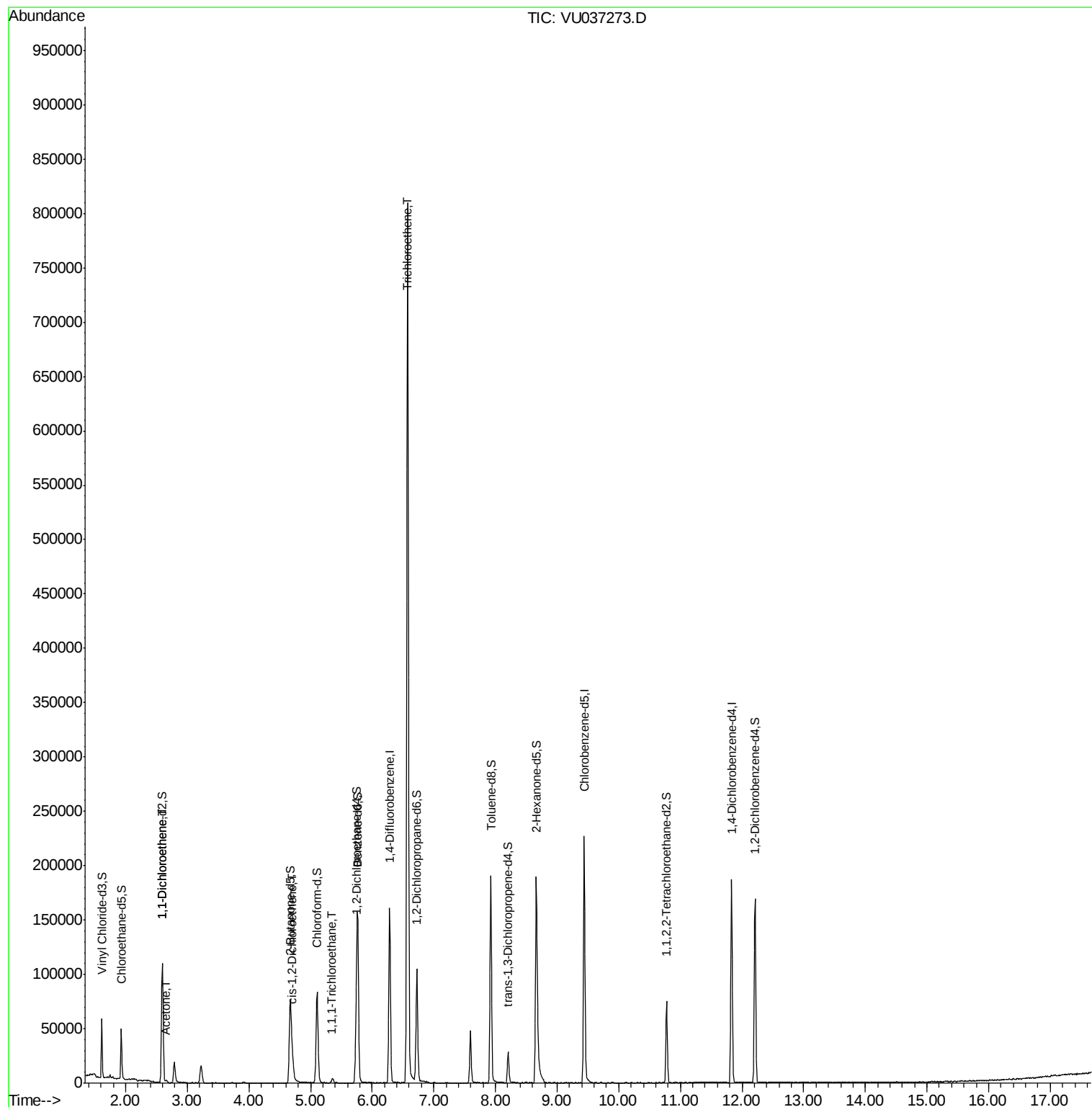
					Ovalue
12) 1,1-Dichloroethene	2.61	96	15880	2.027 ug/L	# 79
13) Acetone	2.66	43	2671	1.617 ug/L	90
22) cis-1,2-Dichloroethene	4.71	96	7381	0.810 ug/L	89
29) 1,1,1-Trichloroethane	5.35	97	3247	0.211 ug/L	94
34) Trichloroethene	6.57	95	267834	27.972 ug/L	98

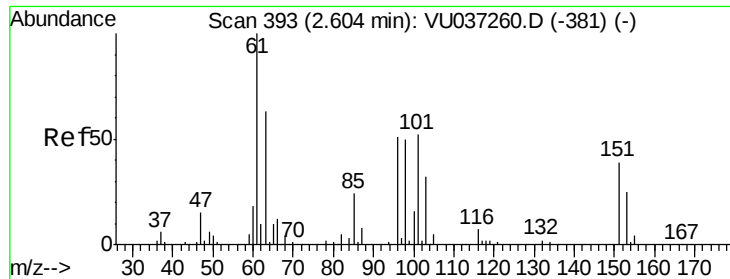
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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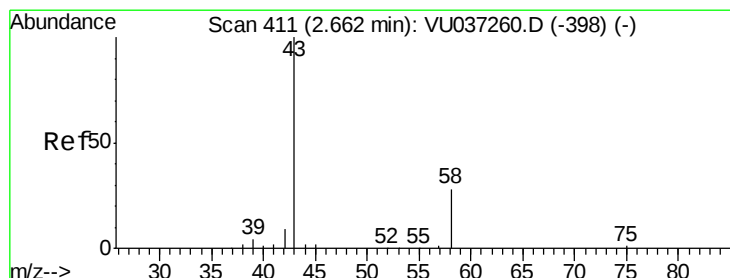
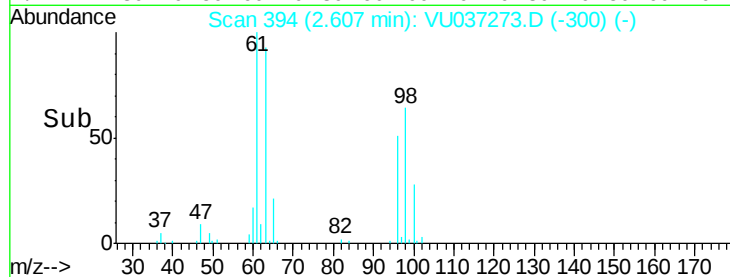
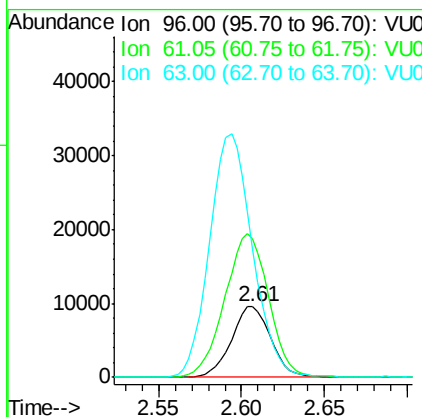
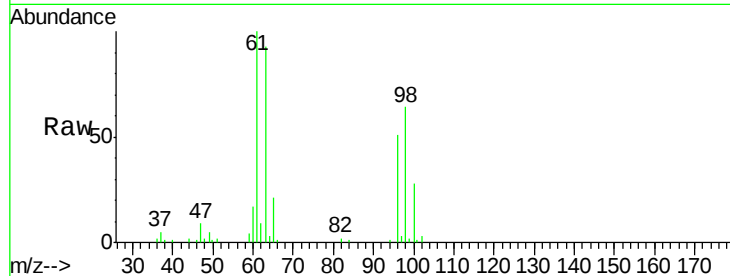




#12
 1,1-Dichloroethene
 Concen: 2.027 ug/L
 RT: 2.61 min Scan# 394
 Delta R.T. 0.00 min
 Lab File: VU037273.D
 Acq: 14 Mar 2020 19:27

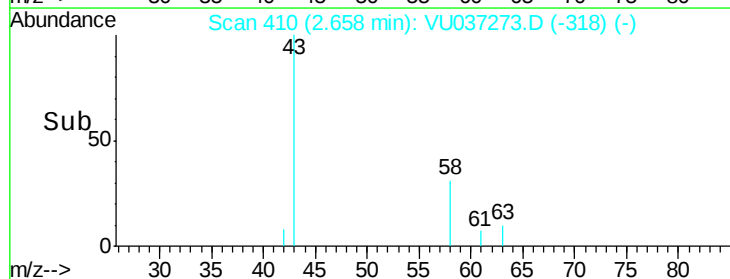
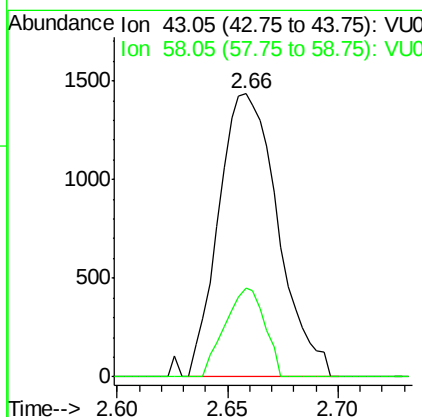
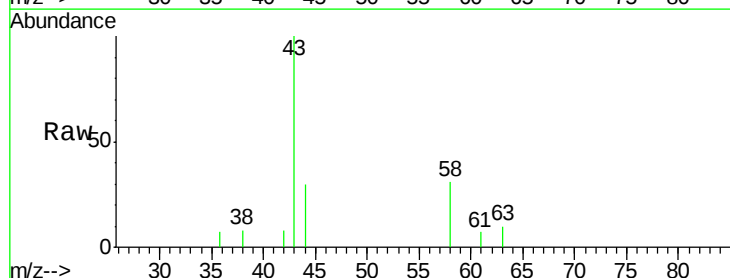
Instrument :
 MSVOA_U
 ClientSampleId :
 C0NG6

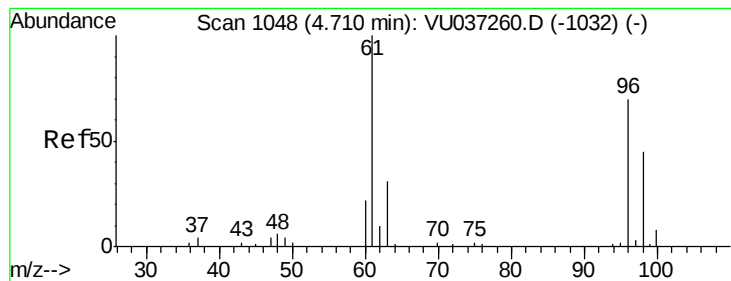
Tot Ion: 96 Resp: 15880
 Ion Ratio Lower Upper
 96 100
 61 196.3 136.4 253.2
 63 182.8 86.2 160.0#



#13
 Acetone
 Concen: 1.617 ug/L
 RT: 2.66 min Scan# 410
 Delta R.T. -0.00 min
 Lab File: VU037273.D
 Acq: 14 Mar 2020 19:27

Tgt Ion: 43 Resp: 2671
 Ion Ratio Lower Upper
 43 100
 58 21.0 0.0 52.2





#22

cis-1,2-Dichloroethene

Concen: 0.810 ug/L

RT: 4.71 min Scan# 1049

Delta R.T. 0.00 min

Lab File: VU037273.D

Acq: 14 Mar 2020 19:27

Instrument :

MSVOA_U

ClientSampleId :

C0NG6

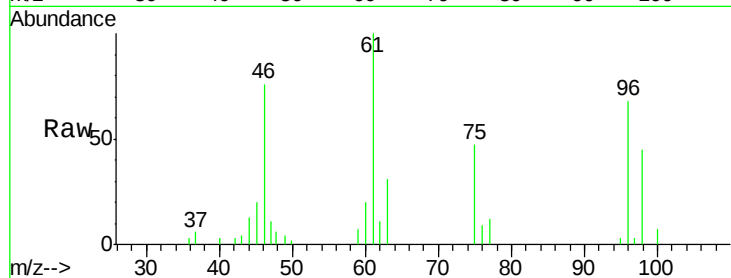
Tot Ion: 96 Resp: 7381

Ion Ratio Lower Upper

96 100

61 147.5 94.1 174.8

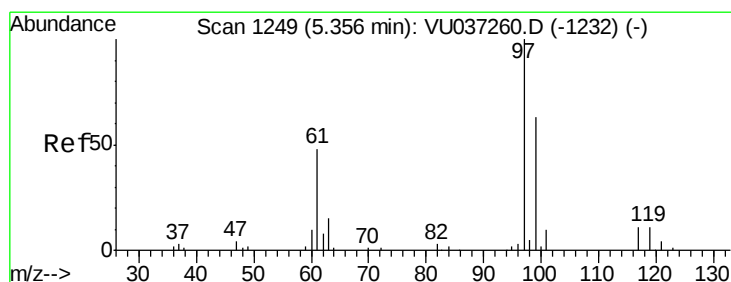
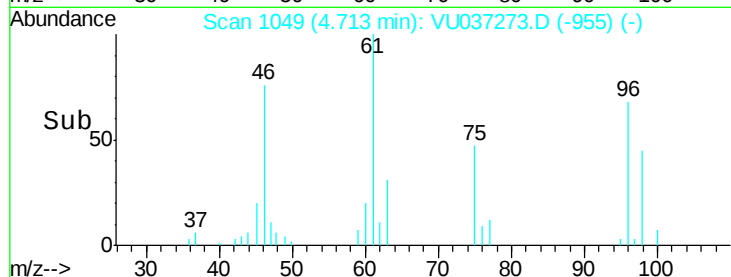
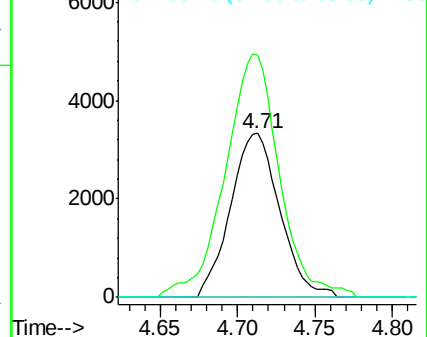
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU037260.D (-1032) (-)

Ion 61.05 (60.75 to 61.75): VU037260.D (-1032) (-)

Ion 68.15 (67.85 to 68.85): VU037260.D (-1032) (-)



#29

1,1,1-Trichloroethane

Concen: 0.211 ug/L

RT: 5.35 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VU037273.D

Acq: 14 Mar 2020 19:27

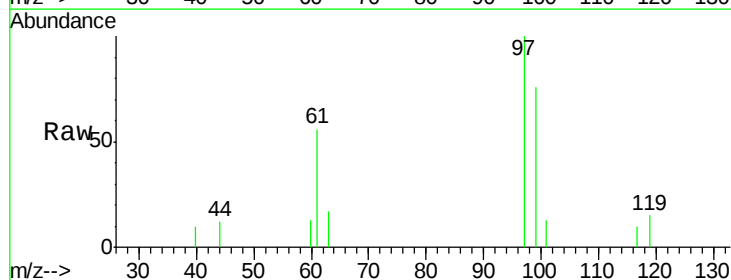
Tgt Ion: 97 Resp: 3247

Ion Ratio Lower Upper

97 100

99 69.5 52.4 78.6

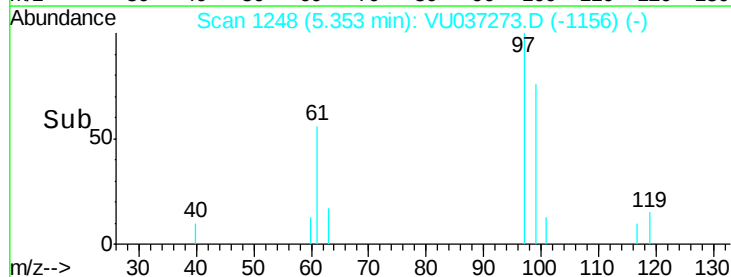
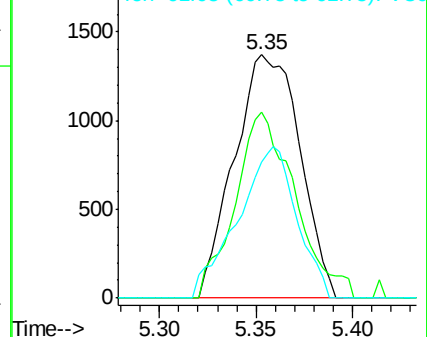
61 55.7 40.6 61.0

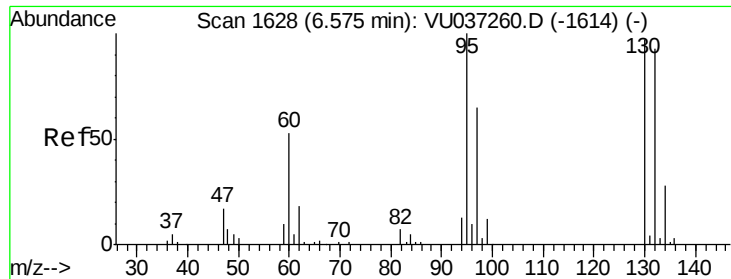


Abundance Ion 96.95 (96.65 to 97.65): VU037260.D (-1232) (-)

Ion 99.05 (98.75 to 99.75): VU037260.D (-1232) (-)

Ion 61.05 (60.75 to 61.75): VU037260.D (-1232) (-)





#34

Trichloroethene

Concen: 27.972 ug/L

RT: 6.57 min Scan# 1628

Delta R.T. -0.00 min

Lab File: VU037273.D

Acq: 14 Mar 2020 19:27

Instrument :

MSVOA_U

ClientSampleId :

C0NG6

Tot Ion: 95 Resp: 267834

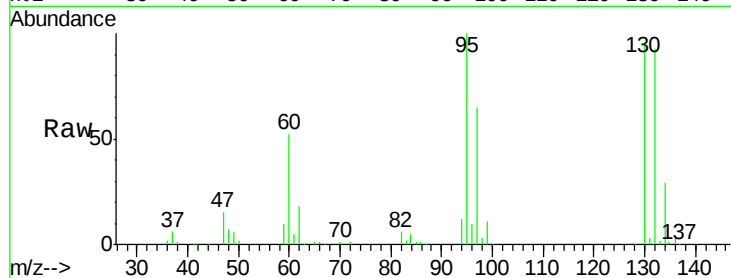
Ion Ratio Lower Upper

95 100

97 64.7 45.4 84.4

132 93.4 63.7 118.3

130 95.6 64.8 120.4



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

