

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\U112018\
 Data File : VU028283.D
 Acq On : 20 Nov 2018 17:22
 Operator : MD/SY
 Sample : J5995-05DL 10X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H0FJ9DL

Quant Time: Nov 21 07:23:45 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Nov 21 07:07:52 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	127958	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	122176	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	52255	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	39748	4.13	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.60%
7) Chloroethane-d5	1.68	69	37488	4.51	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.20%
11) 1,1-Dichloroethene-d2	2.28	63	55823	2.91	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	58.20%#
20) 2-Butanone-d5	4.20	46	174359	54.11	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.22%
24) Chloroform-d	4.65	84	82537	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.80%
26) 1,2-Dichloroethane-d4	5.31	65	48449	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.60%
32) Benzene-d6	5.34	84	158088	4.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.00%
36) 1,2-Dichloropropane-d6	6.33	67	61306	4.80	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.00%
41) Toluene-d8	7.57	98	126433	4.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.40%
43) trans-1,3-Dichloropropene-	7.85	79	17467	4.28	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.60%
46) 2-Hexanone-d5	8.31	63	123196	50.36	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.72%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	46730	5.07	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.40%
64) 1,2-Dichlorobenzene-d4	11.86	152	47896	4.93	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.60%

Target Compounds

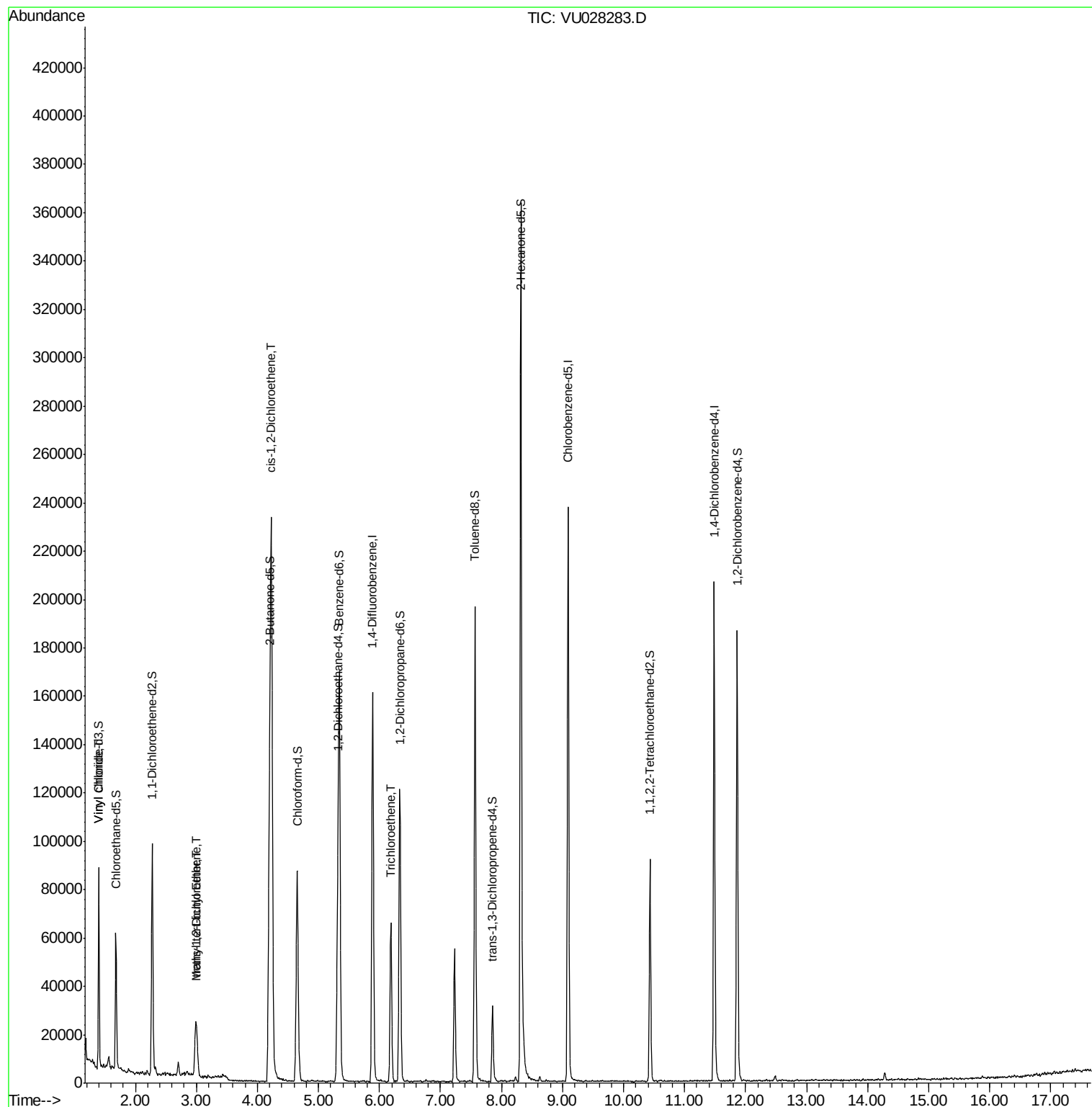
						Qvalue
5) Vinyl chloride	1.40	62	14714	1.13	ug/L	95
17) Methyl tert-butyl Ether	3.01	73	16270	0.69	ug/L	95
18) trans-1,2-Dichloroethene	2.99	96	5529	0.66	ug/L	91
22) cis-1,2-Dichloroethene	4.23	96	104451	10.53	ug/L	95
34) Trichloroethene	6.19	95	23469	2.38	ug/L	97

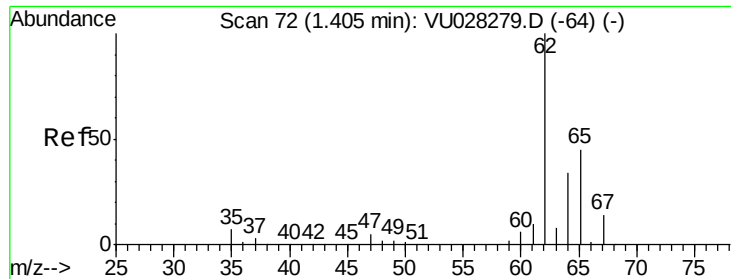
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 1.13 ug/L

RT: 1.40 min Scan# 72

Delta R.T. 0.00 min

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Acq: 20 Nov 2018 17:22

Instrument :

MSVOA_U

ClientSampleId :

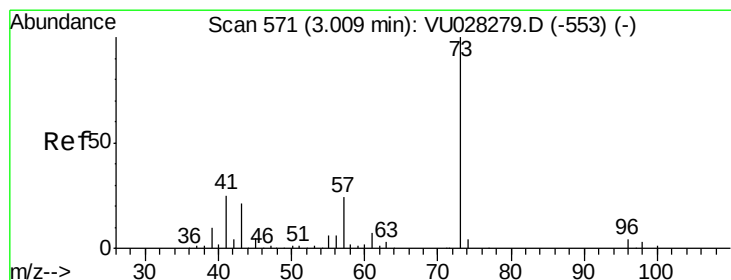
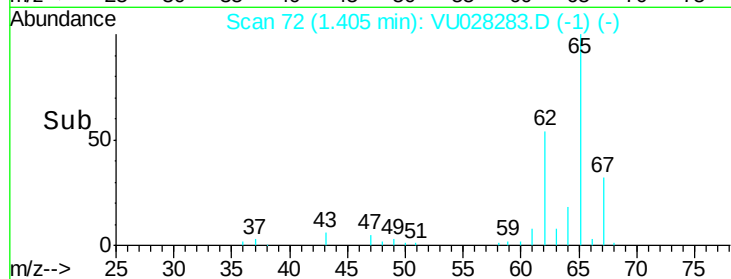
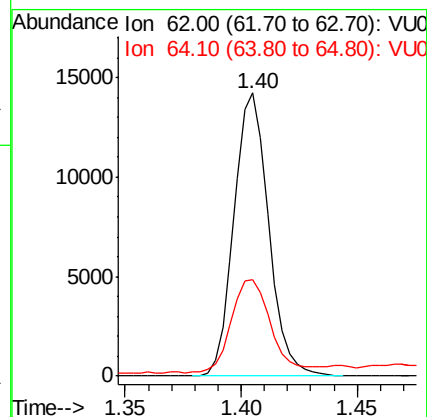
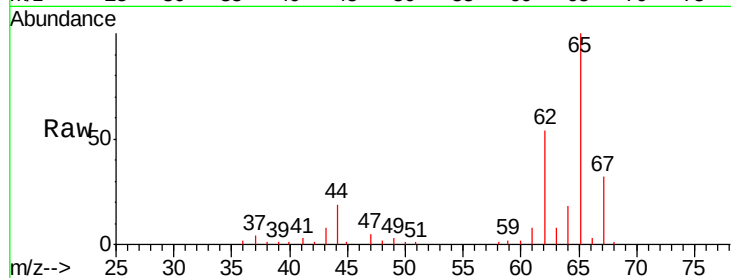
H0FJ9DL

Tgt Ion: 62 Resp: 14714

Ion Ratio Lower Upper

62 100

64 34.0 21.7 40.3



#17

Methyl tert-butyl Ether

Concen: 0.69 ug/L

RT: 3.01 min Scan# 571

Delta R.T. 0.00 min

Lab File: VU028283.D

Acq: 20 Nov 2018 17:22

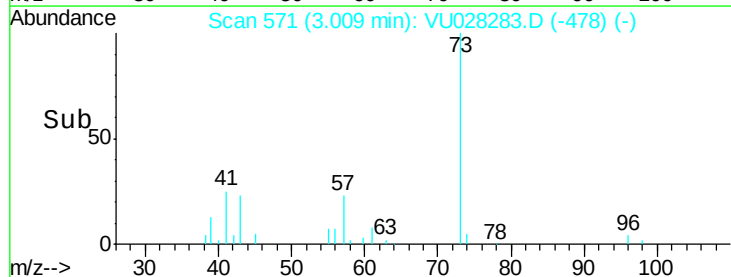
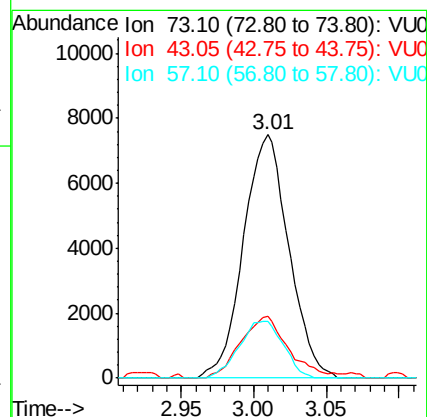
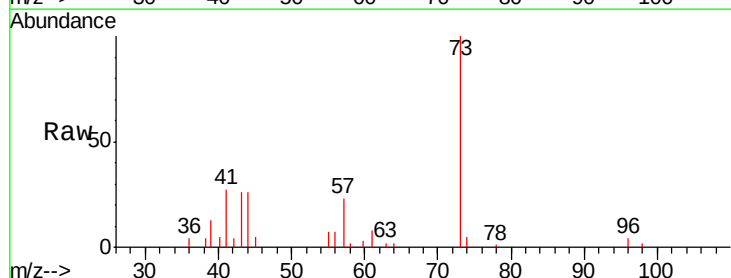
Tgt Ion: 73 Resp: 16270

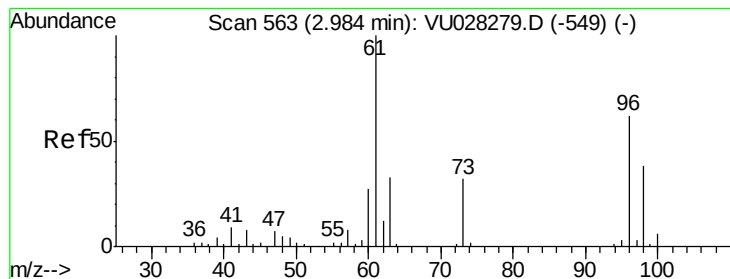
Ion Ratio Lower Upper

73 100

43 26.9 18.8 28.2

57 22.9 19.2 28.8





#18

trans-1,2-Dichloroethene

Concen: 0.66 ug/L

RT: 2.99 min Scan# 564

Delta R.T. 0.00 min

Lab File: VU028283.D

Acq: 20 Nov 2018 17:22

Instrument :

MSVOA_U

ClientSampleId :

H0FJ9DL

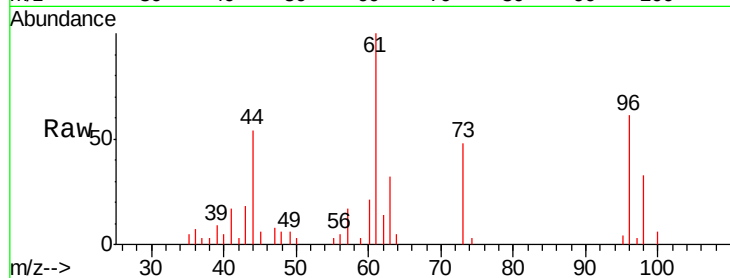
Tgt Ion: 96 Resp: 5529

Ion Ratio Lower Upper

96 100

61 163.6 122.2 227.0

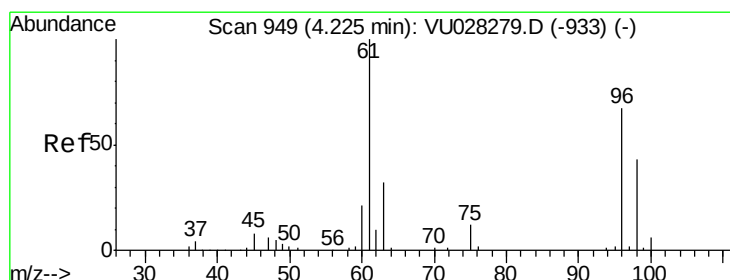
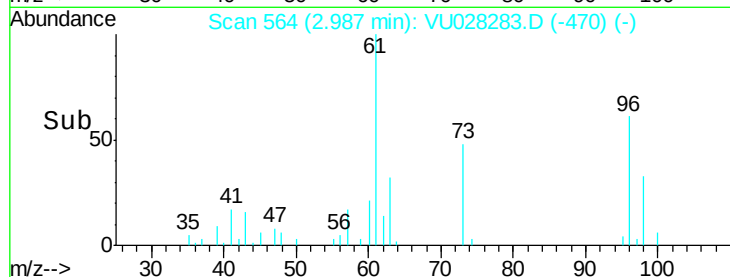
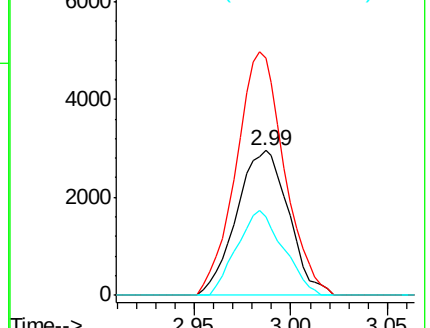
98 54.2 44.9 83.5



Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 97.95 (97.65 to 98.65): VU0



#22

cis-1,2-Dichloroethene

Concen: 10.53 ug/L

RT: 4.23 min Scan# 950

Delta R.T. 0.00 min

Lab File: VU028283.D

Acq: 20 Nov 2018 17:22

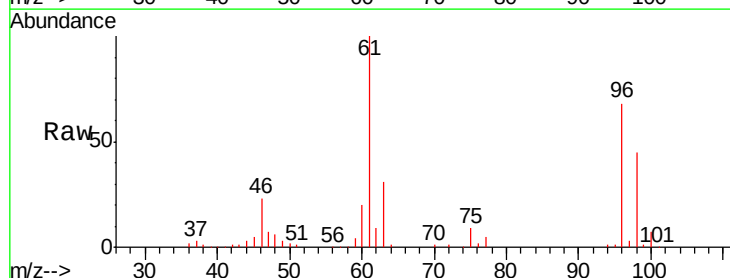
Tgt Ion: 96 Resp: 104451

Ion Ratio Lower Upper

96 100

61 147.4 108.0 200.6

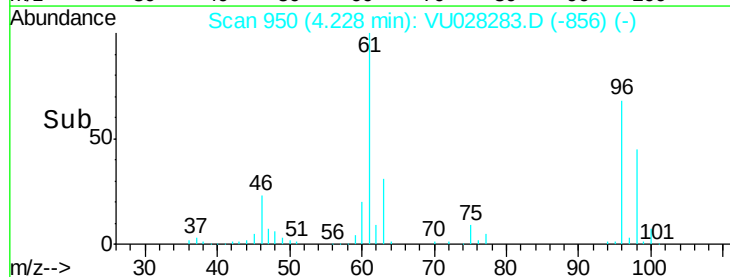
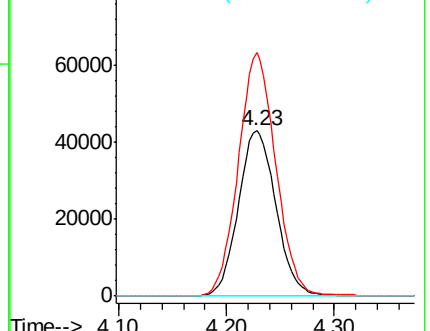
68 0.0 0.0 0.0

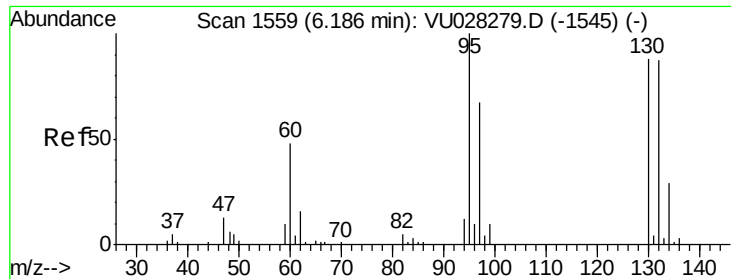


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 68.15 (67.85 to 68.85): VU0





#34

Trichloroethene

Concen: 2.38 ug/L

RT: 6.19 min Scan# 1559

Delta R.T. 0.00 min

Lab File: VU028283.D

Acq: 20 Nov 2018 17:22

Instrument :

MSVOA_U

ClientSampleId :

H0FJ9DL

Tgt Ion: 95 Resp: 23469

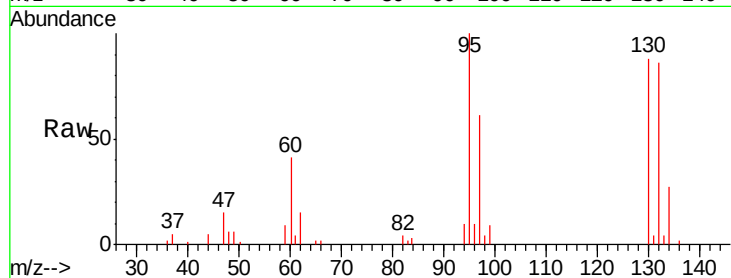
Ion Ratio Lower Upper

95 100

97 61.2 46.5 86.3

132 85.7 58.9 109.3

130 88.3 61.3 113.9



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

