

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111518\
 Data File : VU028170.D
 Acq On : 15 Nov 2018 14:40
 Operator : MD/SY
 Sample : J5943-05RE
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H0FH4RE

Quant Time: Nov 16 01:53:43 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111418WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Nov 16 00:43:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	134687	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	131348	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	61850	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	40851	3.65	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.00%
7) Chloroethane-d5	1.68	69	34171	3.85	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	77.00%
11) 1,1-Dichloroethene-d2	2.28	63	57708	2.76	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	55.20%#
20) 2-Butanone-d5	4.19	46	154675	47.72	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.44%
24) Chloroform-d	4.65	84	69552	3.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.20%
26) 1,2-Dichloroethane-d4	5.31	65	42038	4.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.80%
32) Benzene-d6	5.34	84	138829	3.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	73.60%
36) 1,2-Dichloropropane-d6	6.33	67	52253	3.87	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	77.40%
41) Toluene-d8	7.57	98	121891	3.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	69.40%#
43) trans-1,3-Dichloropropene-	7.85	79	16603	3.45	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	69.00%
46) 2-Hexanone-d5	8.31	63	119418	43.45	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.90%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	40062	4.20	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	84.00%
64) 1,2-Dichlorobenzene-d4	11.86	152	43945	3.80	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	76.00%#

Target Compounds

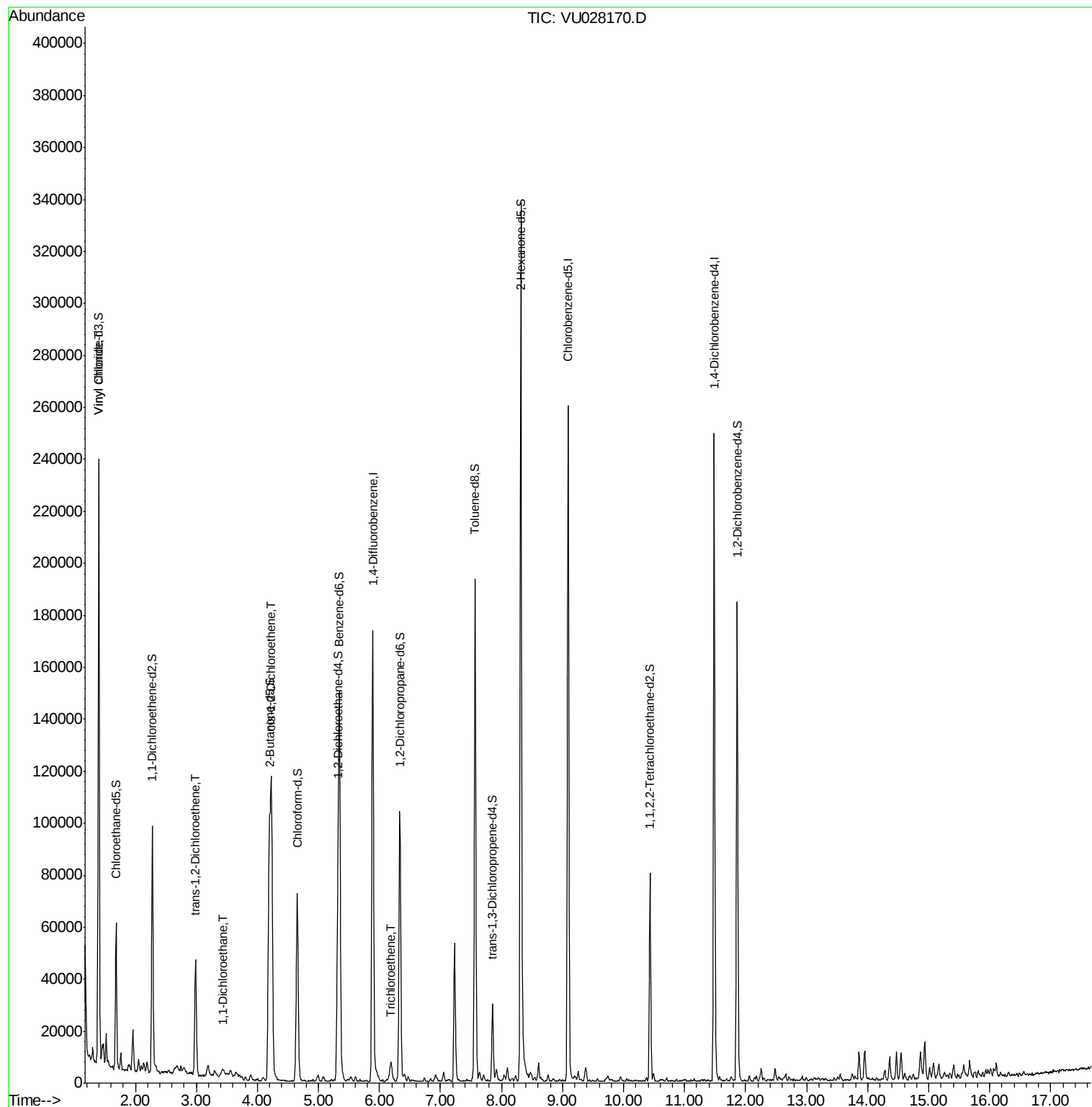
						Qvalue
5) Vinyl chloride	1.40	62	101240	7.02	ug/L	100
18) trans-1,2-Dichloroethene	2.99	96	14302	1.50	ug/L	98
19) 1,1-Dichloroethane	3.45	63	2550	0.13	ug/L	99
22) cis-1,2-Dichloroethene	4.23	96	53115	5.06	ug/L	91
34) Trichloroethene	6.19	95	2463	0.23	ug/L	93

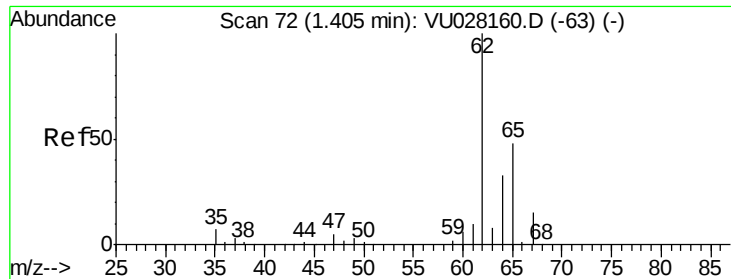
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Nov 16 00:43:47 2018
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 7.02 ug/L

RT: 1.40 min Scan# 72

Delta R.T. 0.00 min

Lab File: VU028170.D

Acq: 15 Nov 2018 14:40

Instrument :

MSVOA_U

ClientSampleId :

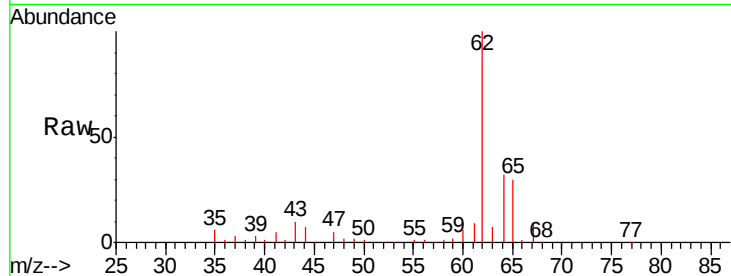
H0FH4RE

Tgt Ion: 62 Resp: 101240

Ion Ratio Lower Upper

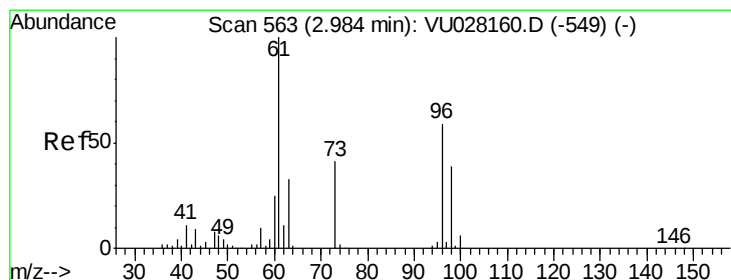
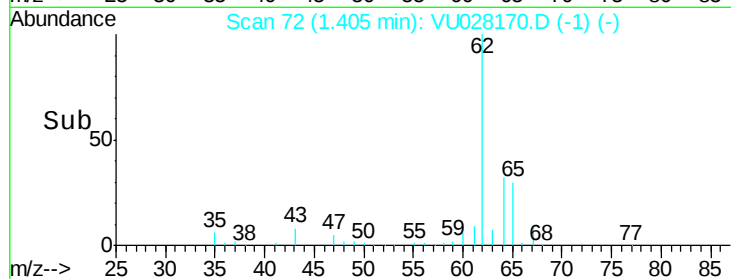
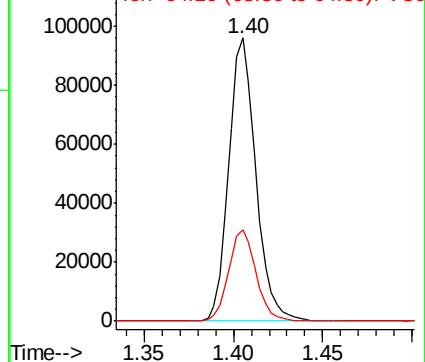
62 100

64 32.3 22.7 42.3



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.10 (63.80 to 64.80): VU0



#18

trans-1,2-Dichloroethene

Concen: 1.50 ug/L

RT: 2.99 min Scan# 564

Delta R.T. 0.00 min

Lab File: VU028170.D

Acq: 15 Nov 2018 14:40

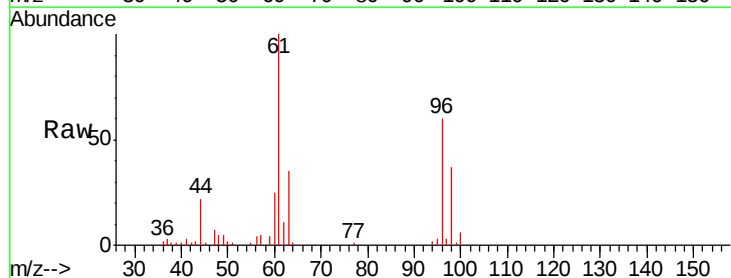
Tgt Ion: 96 Resp: 14302

Ion Ratio Lower Upper

96 100

61 167.3 118.5 220.1

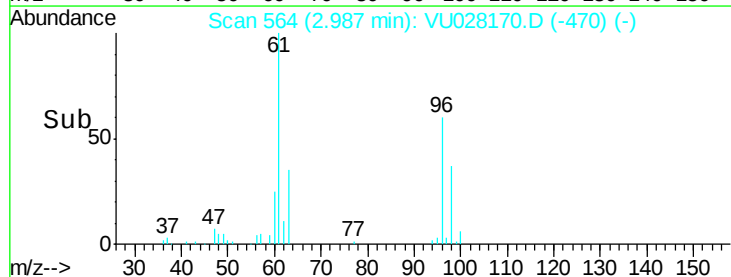
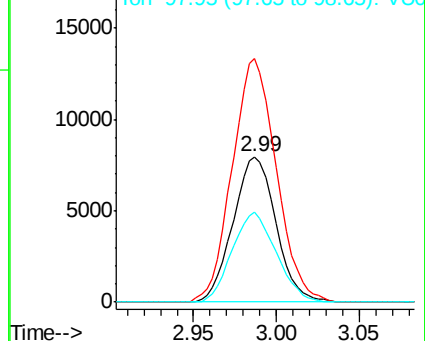
98 62.3 44.9 83.5

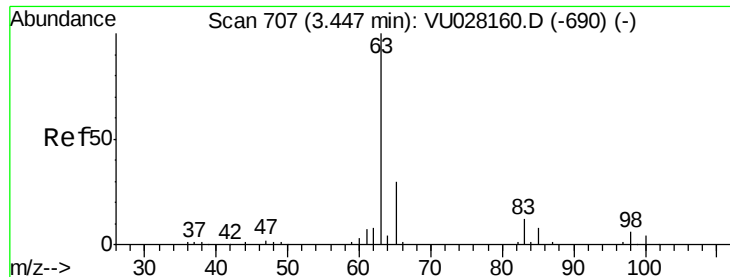


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 97.95 (97.65 to 98.65): VU0





#19

1,1-Dichloroethane

Concen: 0.13 ug/L

RT: 3.45 min Scan# 708

Delta R.T. 0.00 min

Lab File: VU028170.D

Acq: 15 Nov 2018 14:40

Instrument :

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H0FH4RE

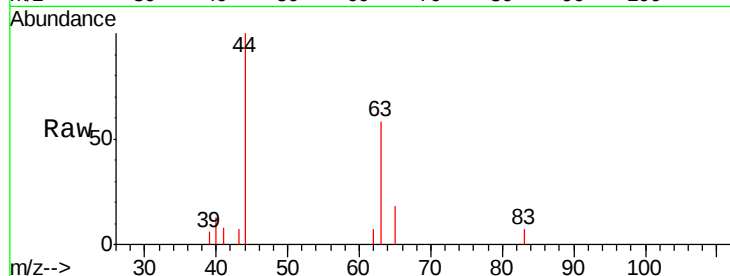
Tgt Ion: 63 Resp: 2550

Ion Ratio Lower Upper

63 100

65 31.4 22.2 41.2

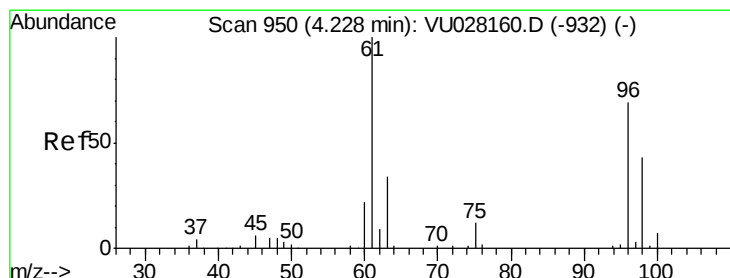
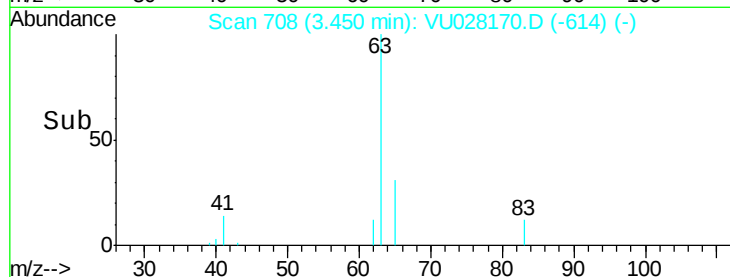
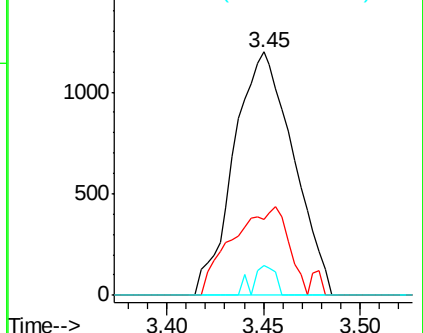
83 12.0 8.9 16.5



Abundance Ion 63.10 (62.80 to 63.80): VU028170.D (-614) (-)

Ion 65.10 (64.80 to 65.80): VU028170.D (-614) (-)

Ion 83.05 (82.75 to 83.75): VU028170.D (-614) (-)



#22

cis-1,2-Dichloroethene

Concen: 5.06 ug/L

RT: 4.23 min Scan# 950

Delta R.T. 0.00 min

Lab File: VU028170.D

Acq: 15 Nov 2018 14:40

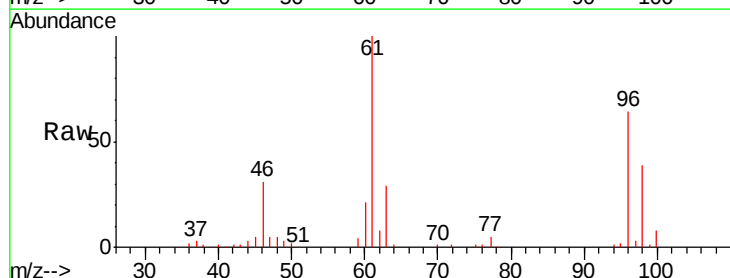
Tgt Ion: 96 Resp: 53115

Ion Ratio Lower Upper

96 100

61 157.2 101.8 189.0

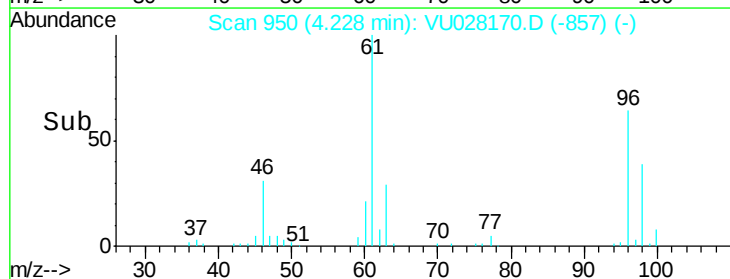
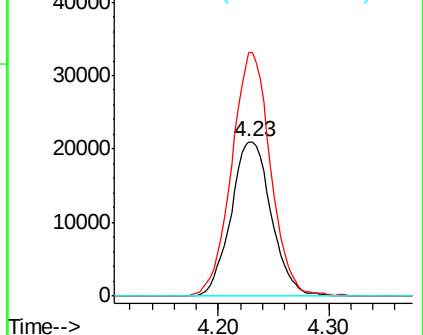
68 0.0 0.0 0.0

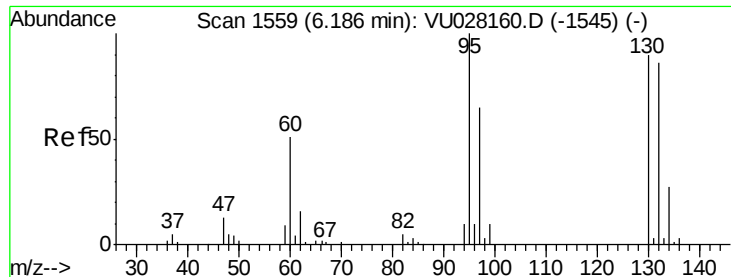


Abundance Ion 96.00 (95.70 to 96.70): VU028170.D (-857) (-)

Ion 61.05 (60.75 to 61.75): VU028170.D (-857) (-)

Ion 68.15 (67.85 to 68.85): VU028170.D (-857) (-)





#34

Trichloroethene

Concen: 0.23 ug/L

RT: 6.19 min Scan# 1561

Delta R.T. 0.01 min

Lab File: VU028170.D

Acq: 15 Nov 2018 14:40

Instrument :

MSVOA_U

ClientSampleId :

H0FH4RE

Tgt Ion: 95 Resp: 2463

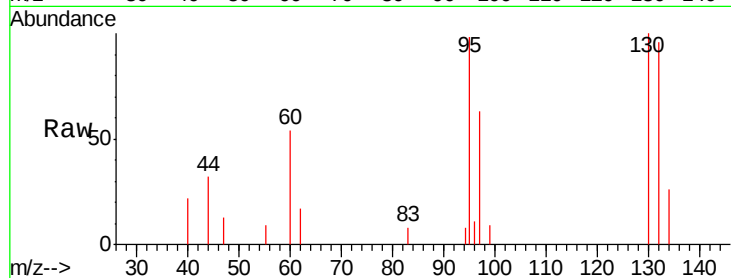
Ion Ratio Lower Upper

95 100

97 64.6 45.3 84.1

132 98.1 63.0 117.0

130 101.9 63.6 118.2



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

