

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U122220\
 Data File : VU041756.D
 Acq On : 22 Dec 2020 21:13
 Operator : SY/MD
 Sample : L5161-13
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GB238

Quant Time: Dec 23 06:23:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Dec 23 05:08:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	126723	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	122566	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	53109	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	31117	3.14	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	62.80%
7) Chloroethane-d5	1.92	69	36601	4.77	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.40%
11) 1,1-Dichloroethene-d2	2.58	63	59266	3.25	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.00%
20) 2-Butanone-d5	4.66	46	156894	55.13	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.26%
24) Chloroform-d	5.08	84	82739	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.40%
26) 1,2-Dichloroethane-d4	5.72	65	48448	5.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.60%
32) Benzene-d6	5.74	84	155142	4.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.40%
36) 1,2-Dichloropropane-d6	6.70	67	51625	4.69	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.80%
41) Toluene-d8	7.90	98	128281	4.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.00%
43) trans-1,3-Dichloropropene-	8.19	79	20393	4.12	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.40%
46) 2-Hexanone-d5	8.64	63	134992	49.91	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.82%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	51538	5.16	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.20%
64) 1,2-Dichlorobenzene-d4	12.19	152	52134	5.52	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.40%

Target Compounds

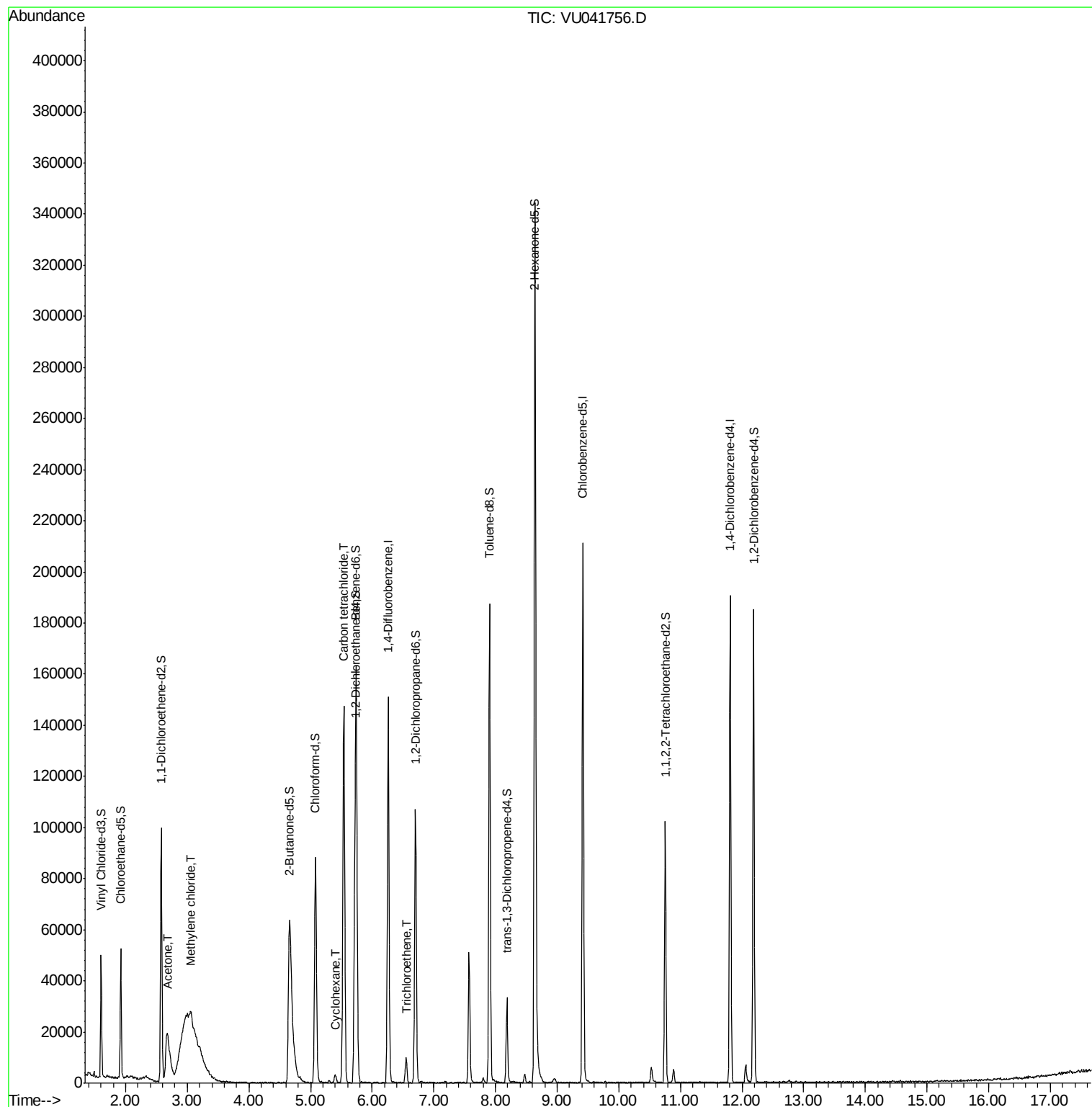
					Ovalue
13) Acetone	2.68	43	59207	32.708 ug/L	98
16) Methylene chloride	3.06	84	1632	0.159 ug/L	93
30) Cyclohexane	5.40	56	1634	0.104 ug/L #	76
31) Carbon tetrachloride	5.54	117	103244	8.483 ug/L	99
34) Trichloroethene	6.56	95	3649	0.370 ug/L	86

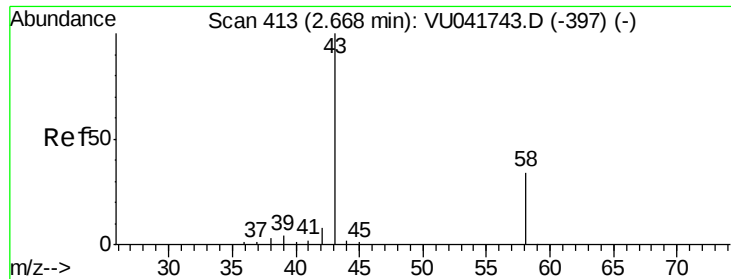
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 32.708 ug/L

RT: 2.68 min Scan# 417

Delta R.T. 0.01 min

Lab File: VU041756.D

Acq: 22 Dec 2020 21:13

Instrument :

MSVOA_U

ClientSampled :

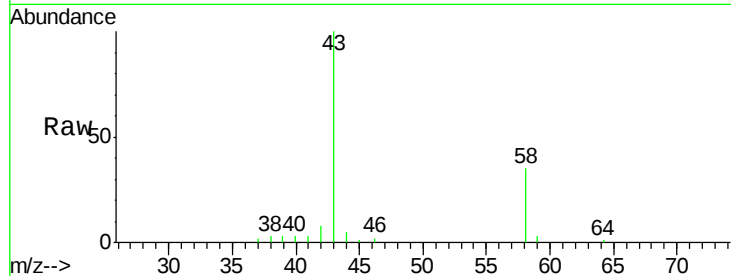
GB238

Tot Ion: 43 Resp: 59207

Ion Ratio Lower Upper

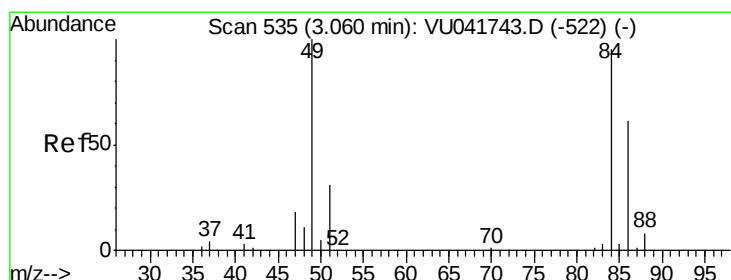
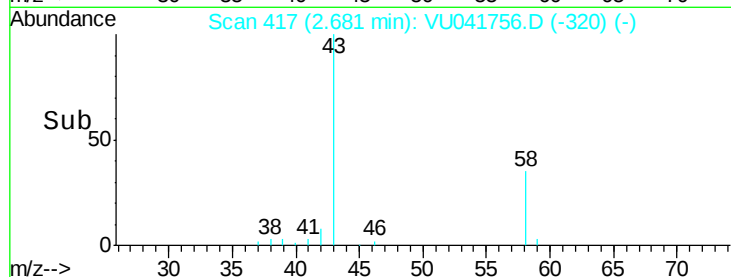
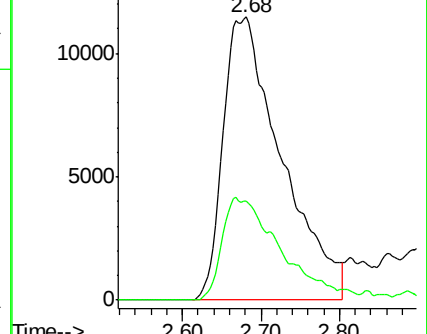
43 100

58 35.3 0.0 73.2



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0



#16

Methylene chloride

Concen: 0.159 ug/L

RT: 3.06 min Scan# 535

Delta R.T. 0.00 min

Lab File: VU041756.D

Acq: 22 Dec 2020 21:13

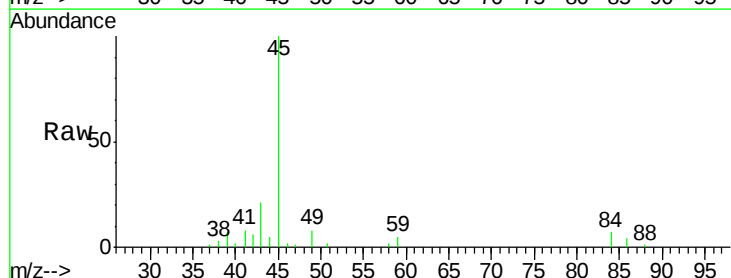
Tgt Ion: 84 Resp: 1632

Ion Ratio Lower Upper

84 100

86 52.8 45.1 83.7

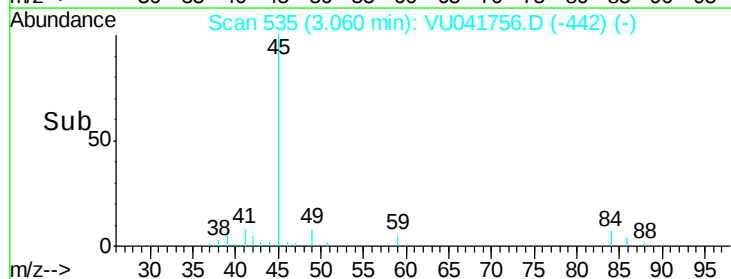
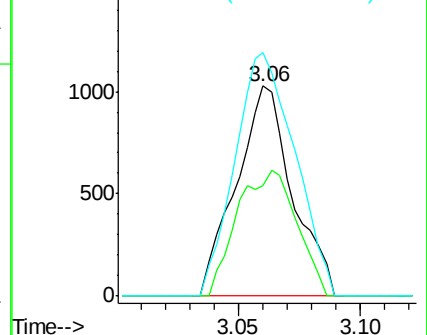
49 116.0 83.1 154.3

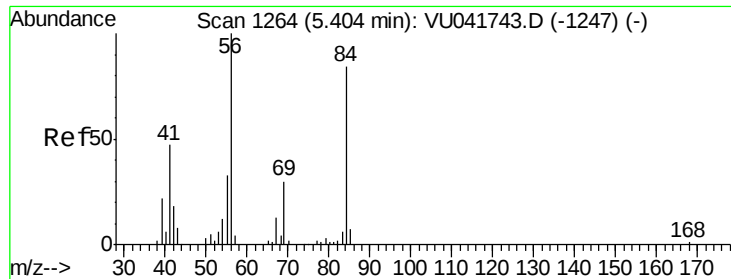


Abundance Ion 84.05 (83.75 to 84.75): VU0

Ion 86.00 (85.70 to 86.70): VU0

Ion 49.10 (48.80 to 49.80): VU0

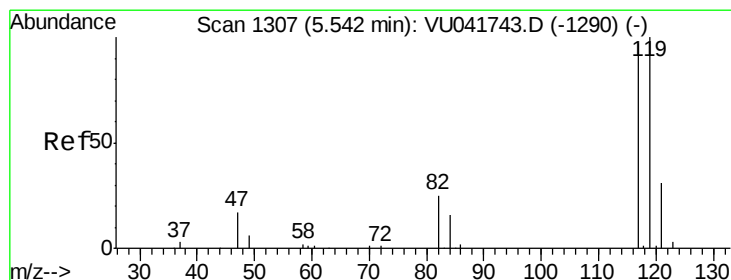
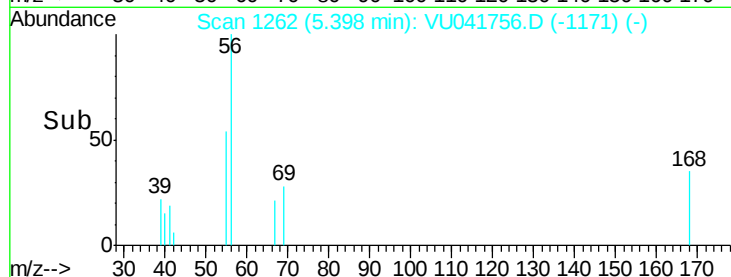
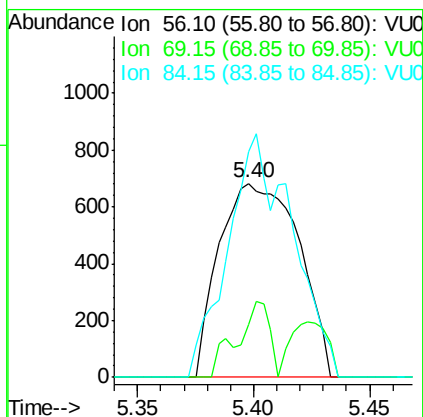
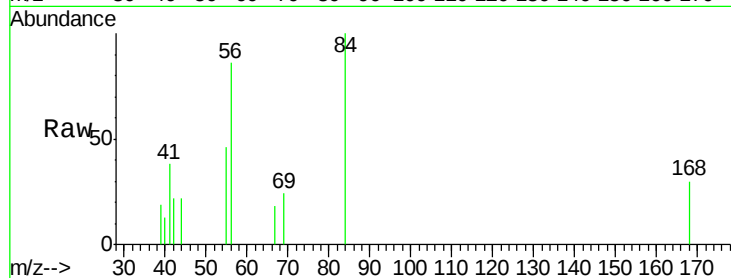




#30
Cyclohexane
Concen: 0.104 ug/L
RT: 5.40 min Scan# 1262
Delta R.T. -0.01 min
Lab File: VU041756.D
Acq: 22 Dec 2020 21:13

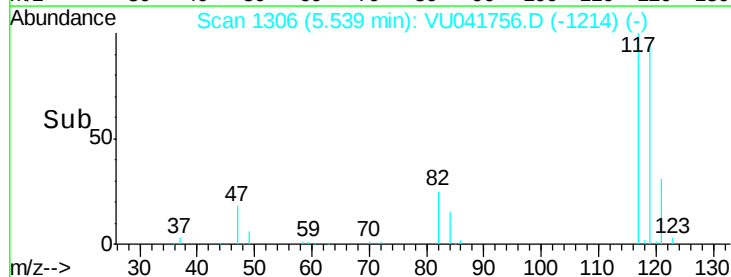
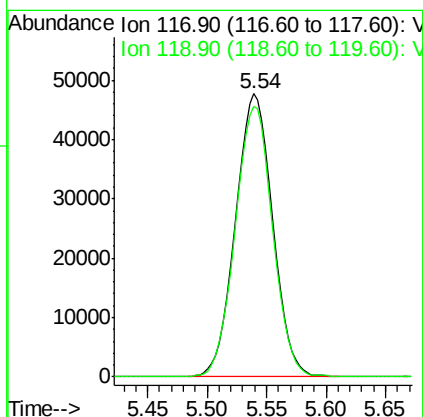
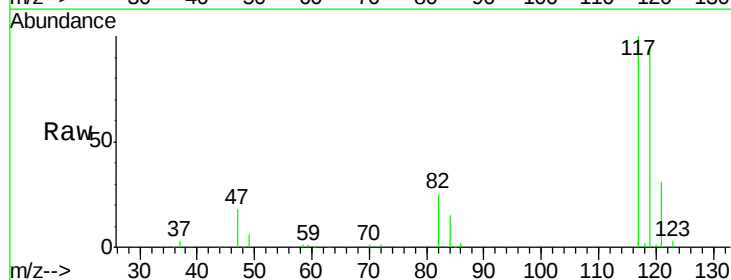
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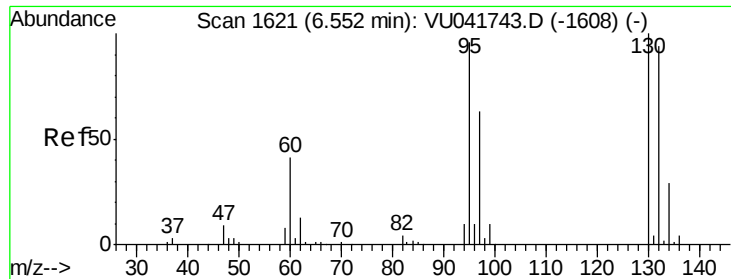
Tot Ion: 56 Resp: 1634
Ion Ratio Lower Upper
56 100
69 11.8 23.8 35.8#
84 63.8 66.2 99.4#



#31
Carbon tetrachloride
Concen: 8.483 ug/L
RT: 5.54 min Scan# 1306
Delta R.T. -0.00 min
Lab File: VU041756.D
Acq: 22 Dec 2020 21:13

Tgt Ion: 117 Resp: 103244
Ion Ratio Lower Upper
117 100
119 96.1 76.2 114.2





#34

Trichloroethene

Concen: 0.370 ug/L

RT: 6.56 min Scan# 1622

Delta R.T. 0.00 min

Lab File: VU041756.D

Acq: 22 Dec 2020 21:13

Instrument :

MSVOA_U

ClientSampleId :

GB238

Tot Ion: 95 Resp: 3649

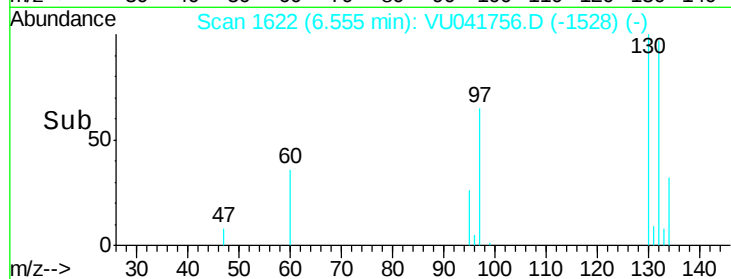
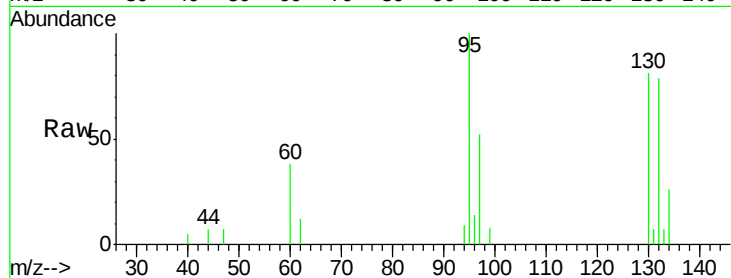
Ion Ratio Lower Upper

95 100

97 52.4 43.9 81.5

132 79.0 63.1 117.3

130 81.2 67.4 125.2



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

