

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU011121\
 Data File : VU041928.D
 Acq On : 11 Jan 2021 18:18
 Operator : SY/MD
 Sample : M1027-01DL 20X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFXM2DL

Quant Time: Jan 12 05:03:05 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR011121WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jan 12 03:17:19 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	112802	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	112457	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	48536	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	44239	4.65	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.00%
7) Chloroethane-d5	1.92	69	43451	4.93	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.60%
11) 1,1-Dichloroethene-d2	2.58	63	70226	3.90	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.00%
20) 2-Butanone-d5	4.66	46	141877	53.70	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.40%
24) Chloroform-d	5.08	84	81594	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.20%
26) 1,2-Dichloroethane-d4	5.72	65	46691	5.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.20%
32) Benzene-d6	5.74	84	158639	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.40%
36) 1,2-Dichloropropane-d6	6.70	67	51713	4.95	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.00%
41) Toluene-d8	7.90	98	132350	4.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.80%
43) trans-1,3-Dichloropropene-	8.19	79	20124	4.62	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.40%
46) 2-Hexanone-d5	8.64	63	123719	56.13	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	112.26%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	48078	5.20	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.00%
64) 1,2-Dichlorobenzene-d4	12.19	152	49668	5.41	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.20%

Target Compounds

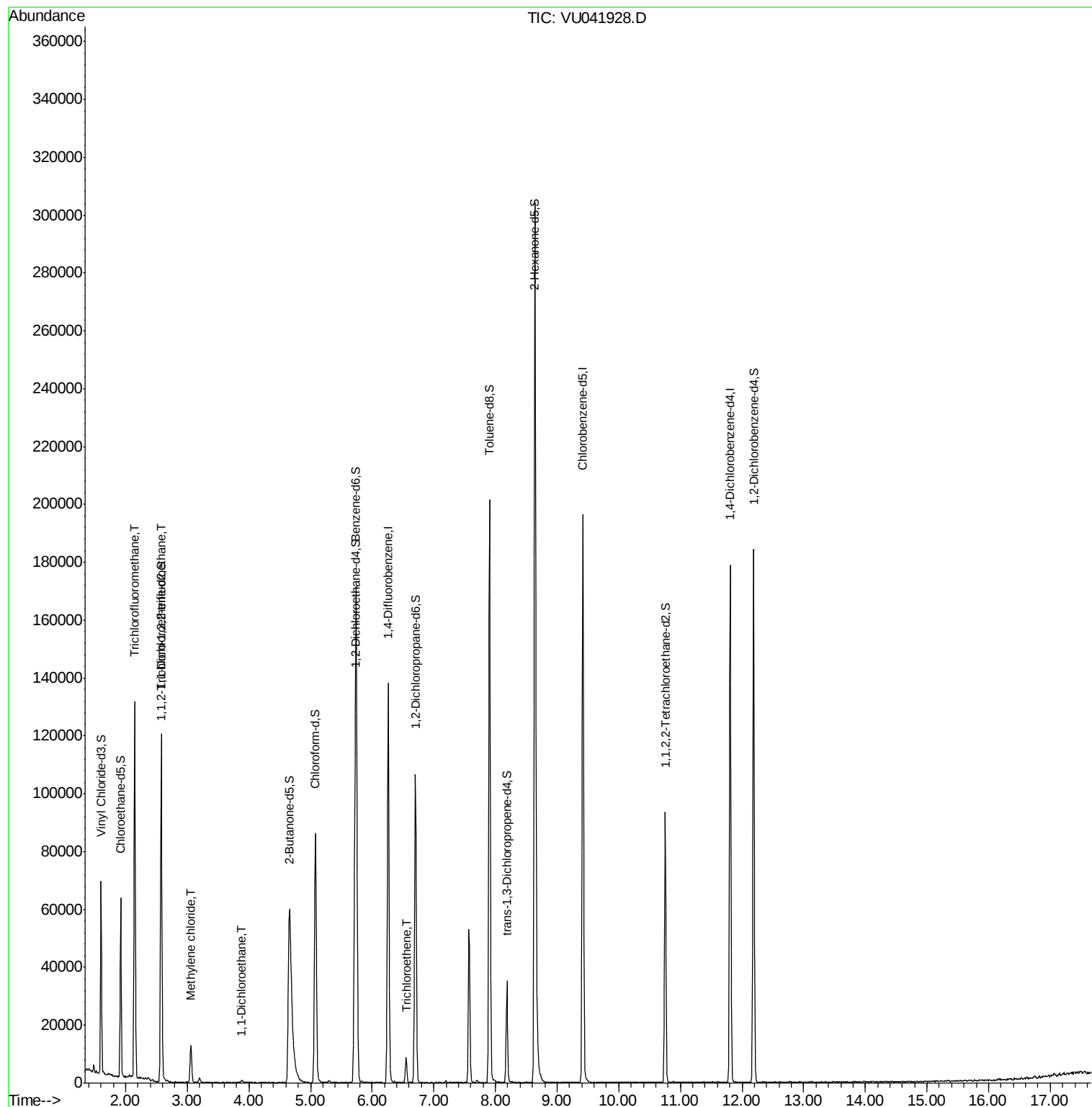
					Ovalue
9) Trichlorofluoromethane	2.15	101	82142	4.940 ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	1977	0.219 ug/L #	65
16) Methylene chloride	3.06	84	6512	0.588 ug/L	94
19) 1,1-Dichloroethane	3.88	63	1109	0.069 ug/L #	83
34) Trichloroethene	6.55	95	2622	0.276 ug/L	94

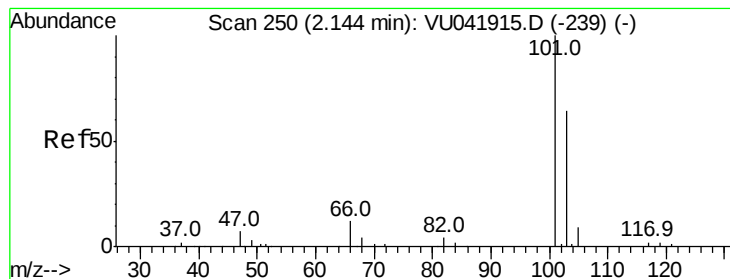
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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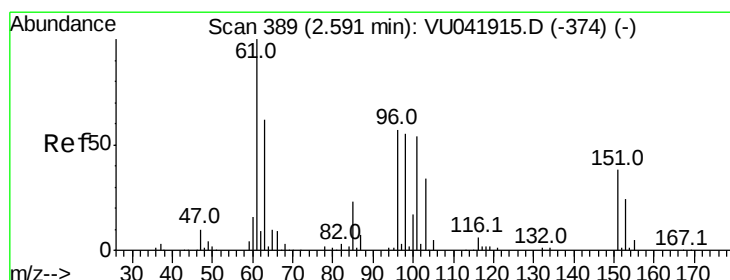
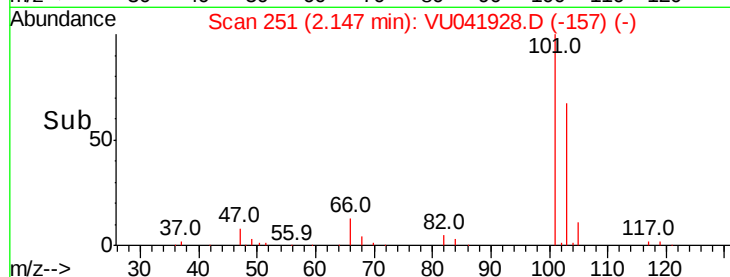
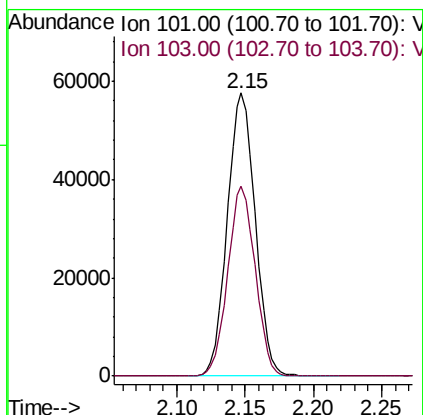
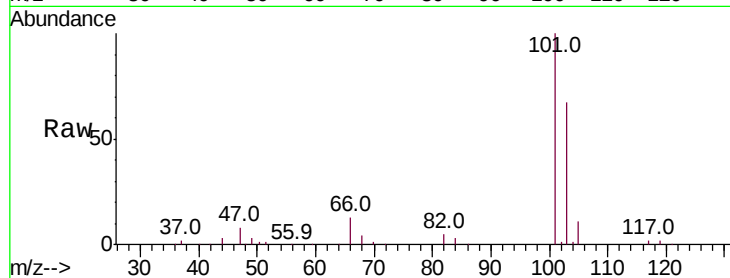


#9

Trichlorofluoromethane
Concen: 4.940 ug/L
RT: 2.15 min Scan# 251
Delta R.T. 0.00 min
Lab File: VU041928.D
Acq: 11 Jan 2021 18:18

Instrument :
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ClientSampleId :
BFXM2DL

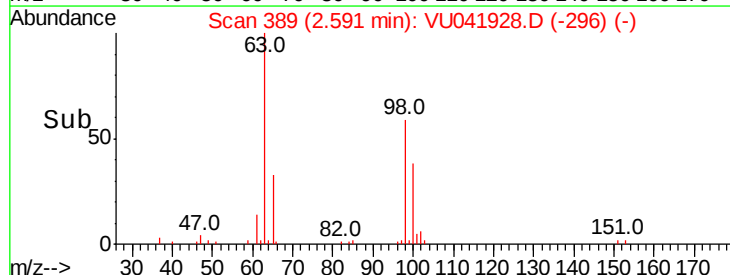
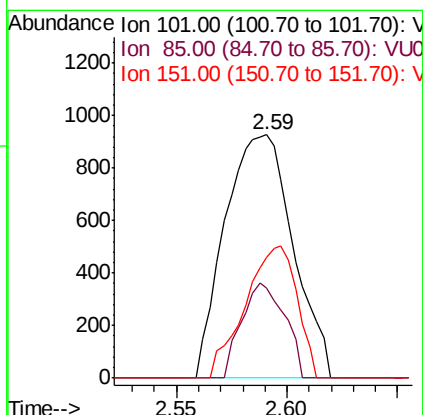
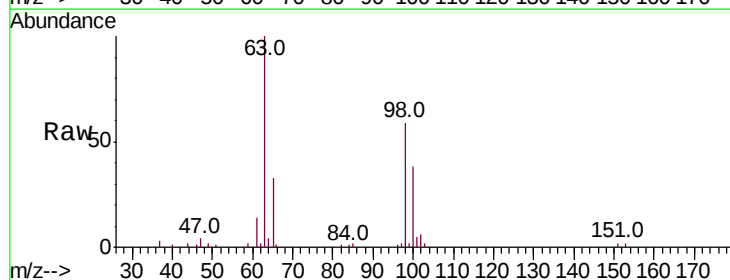
Tot Ion:101 Resp: 82142
Ion Ratio Lower Upper
101 100
103 66.0 51.3 76.9

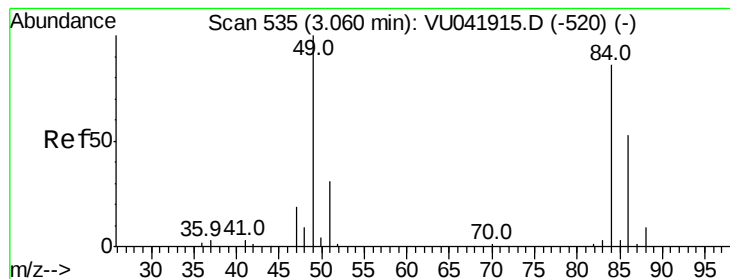


#10

1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.219 ug/L
RT: 2.59 min Scan# 389
Delta R.T. 0.00 min
Lab File: VU041928.D
Acq: 11 Jan 2021 18:18

Tgt Ion:101 Resp: 1977
Ion Ratio Lower Upper
101 100
85 24.7 35.1 52.7#
151 41.1 58.2 87.2#





#16

Methvlene chloride

Concen: 0.588 ug/L

RT: 3.06 min Scan# 535

Delta R.T. 0.00 min

Lab File: VU041928.D

Acq: 11 Jan 2021 18:18

Instrument :

MSVOA_U

ClientSampleId :

BFXM2DL

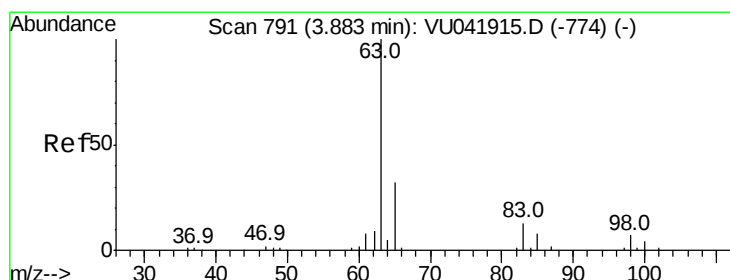
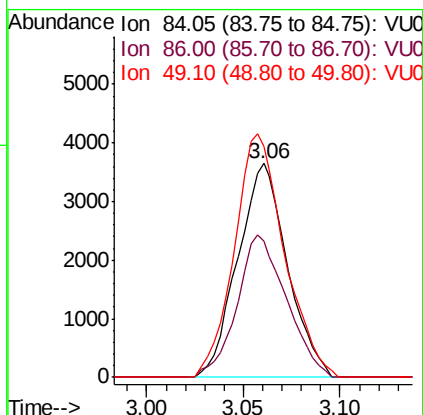
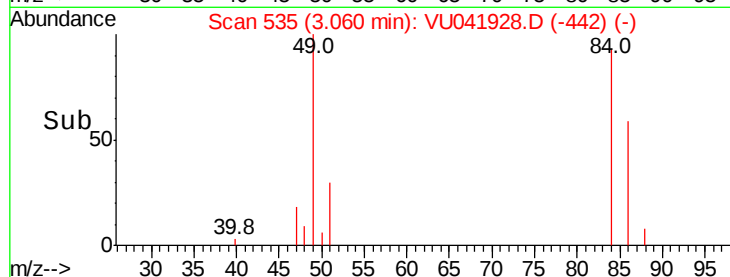
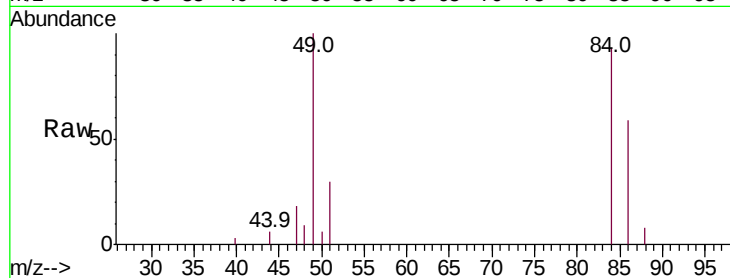
Tot Ion: 84 Resp: 6512

Ion Ratio Lower Upper

84 100

86 63.3 43.5 80.7

49 107.6 81.8 151.8



#19

1,1-Dichloroethane

Concen: 0.069 ug/L

RT: 3.88 min Scan# 791

Delta R.T. 0.00 min

Lab File: VU041928.D

Acq: 11 Jan 2021 18:18

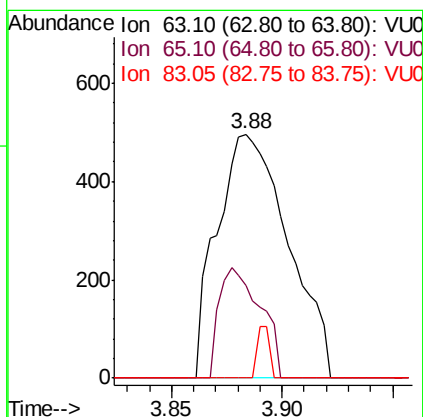
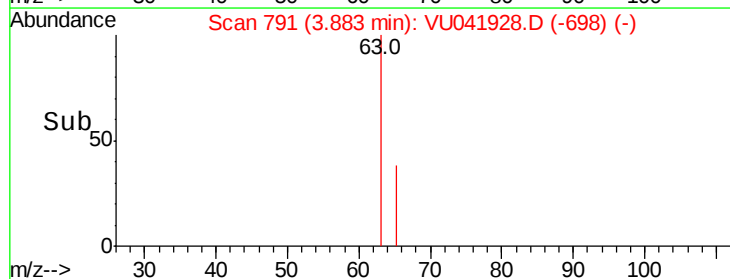
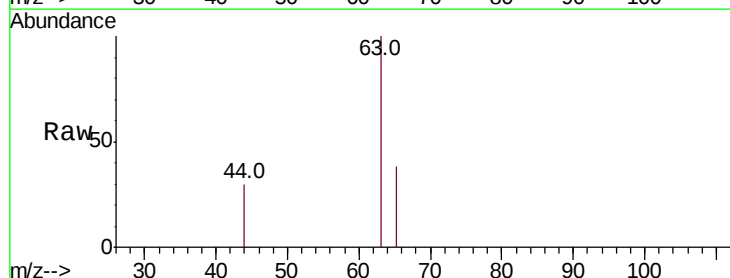
Tgt Ion: 63 Resp: 1109

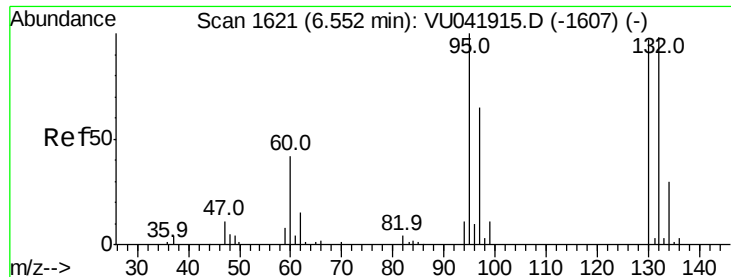
Ion Ratio Lower Upper

63 100

65 37.9 22.3 41.5

83 0.0 9.0 16.8#





#34

Trichloroethene

Concen: 0.276 ug/L

RT: 6.55 min Scan# 1620

Delta R.T. -0.00 min

Lab File: VU041928.D

Acq: 11 Jan 2021 18:18

Instrument :

MSVOA_U

ClientSampleId :

BFXM2DL

Tot Ion: 95 Resp: 2622

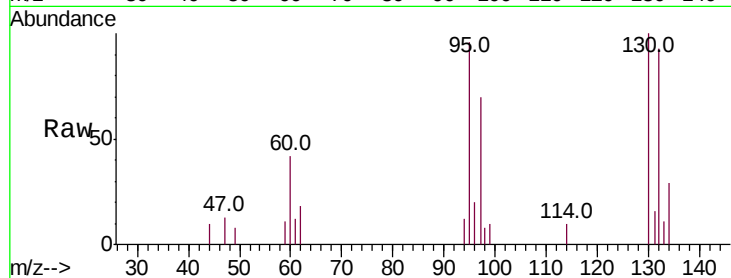
Ion Ratio Lower Upper

95 100

97 72.9 45.2 84.0

132 96.6 68.7 127.5

130 103.7 68.0 126.4



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

