

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV112118\
 Data File : VV008700.D
 Acq On : 21 Nov 2018 14:58
 Operator : SY/MD
 Sample : J6026-02DL 10X
 Misc : 25.0 mL/MSVOA_V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H0FK1DL

Quant Time: Nov 22 01:21:00 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR111718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Nov 22 00:36:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	178744	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	161145	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	69812	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	41657	5.25	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	105.00%
7) Chloroethane-d5	1.59	69	28449	4.35	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.00%
11) 1,1-Dichloroethene-d2	2.14	63	59828	3.71	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.20%
20) 2-Butanone-d5	3.96	46	118871	41.84	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	83.68%
24) Chloroform-d	4.41	84	95624	4.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.20%
26) 1,2-Dichloroethane-d4	5.09	65	49550	4.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.60%
32) Benzene-d6	5.10	84	199974	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.20%
36) 1,2-Dichloropropane-d6	6.12	67	61169	4.51	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.20%
41) Toluene-d8	7.36	98	179339	4.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.80%
43) trans-1,3-Dichloropropene-	7.67	79	18365	3.55	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	71.00%
46) 2-Hexanone-d5	8.14	63	80029	34.17	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	68.34%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	38164	4.03	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	80.60%
64) 1,2-Dichlorobenzene-d4	11.68	152	60058	4.76	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.20%

Target Compounds

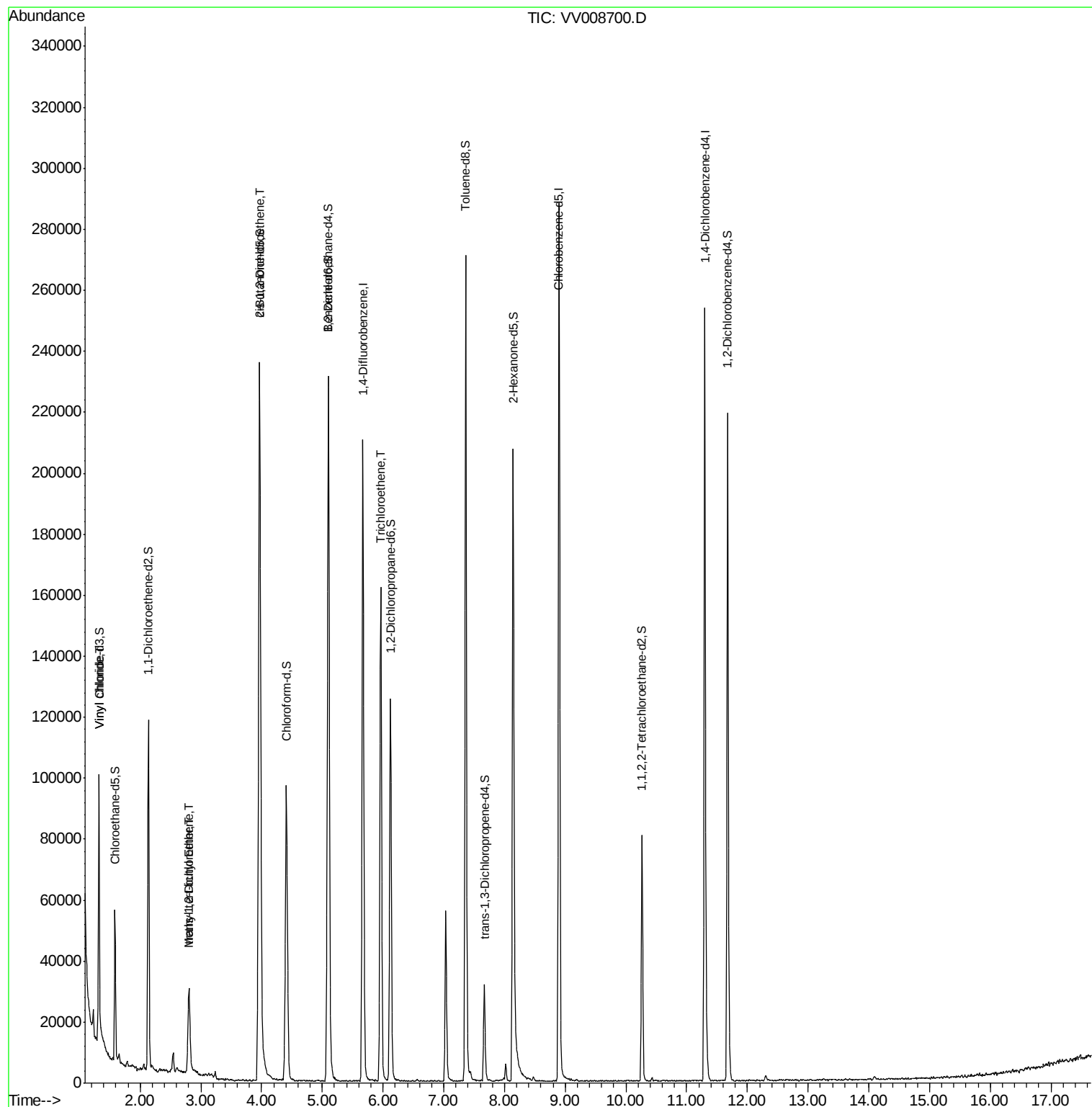
					Qvalue
5) Vinyl chloride	1.33	62	10095	0.893 ug/L	95
17) Methyl tert-butyl Ether	2.82	73	16031	0.727 ug/L	99
18) trans-1,2-Dichloroethene	2.79	96	6671	0.742 ug/L	94
22) cis-1,2-Dichloroethene	3.97	96	99767	7.348 ug/L	96
34) Trichloroethene	5.96	95	58487	4.331 ug/L	99

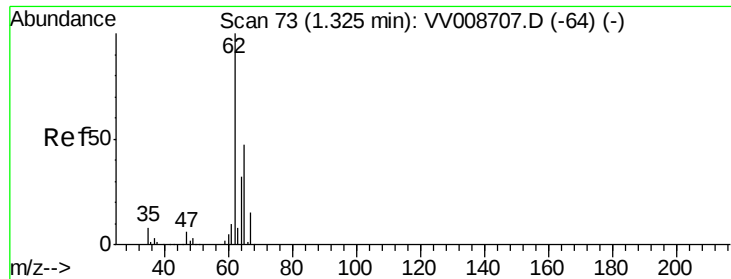
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 0.893 ug/L

RT: 1.33 min Scan# 73

Delta R.T. -0.00 min

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Instrument :

MSVOA_V

ClientSampleId :

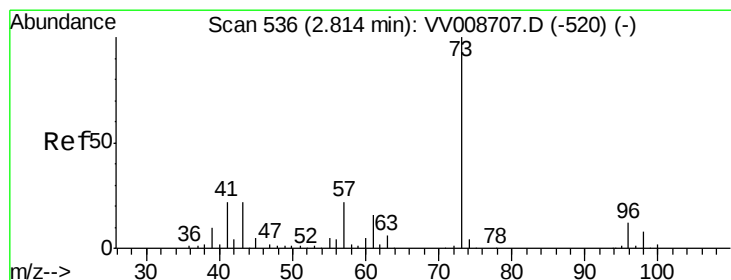
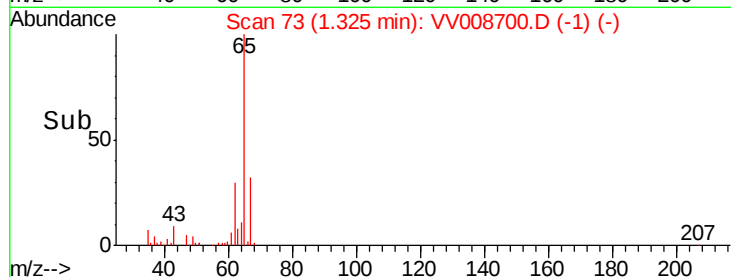
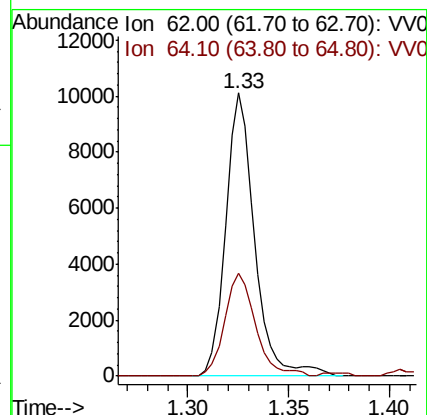
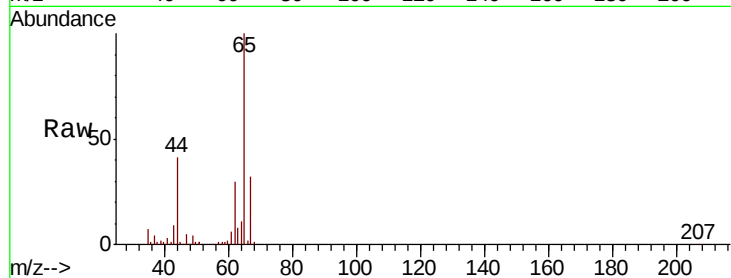
H0FK1DL

Tgt Ion: 62 Resp: 10095

Ion Ratio Lower Upper

62 100

64 36.1 23.4 43.4



#17

Methyl tert-butyl Ether

Concen: 0.727 ug/L

RT: 2.82 min Scan# 537

Delta R.T. 0.00 min

Lab File: VV008700.D

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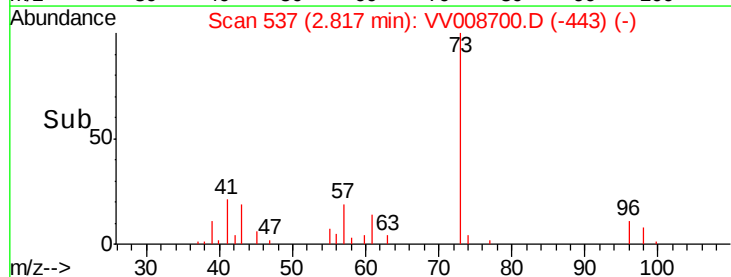
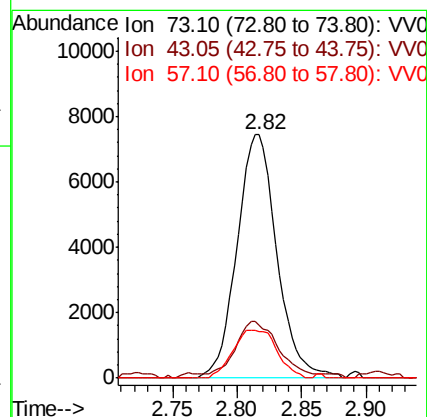
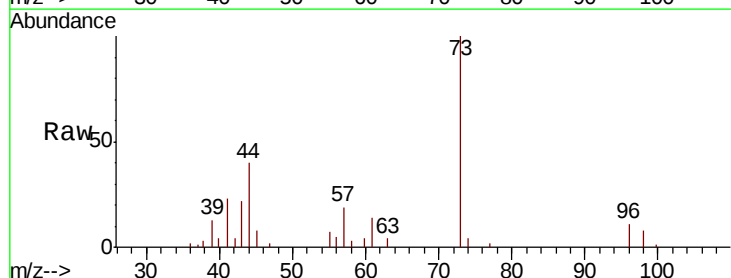
Tgt Ion: 73 Resp: 16031

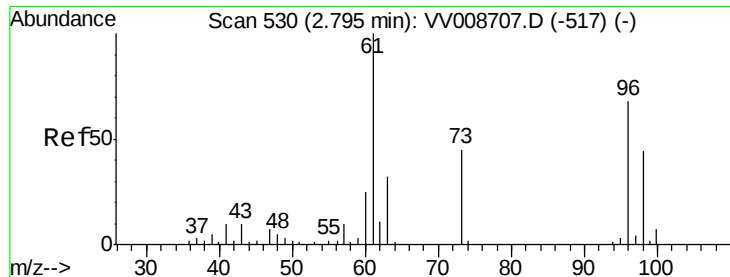
Ion Ratio Lower Upper

73 100

43 22.4 18.1 27.1

57 21.7 17.9 26.9





#18

trans-1,2-Dichloroethene

Concen: 0.742 ug/L

RT: 2.79 min Scan# 530

Delta R.T. -0.00 min

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Acq: 21 Nov 2018 14:58

Instrument :

MSVOA_V

ClientSampleId :

H0FK1DL

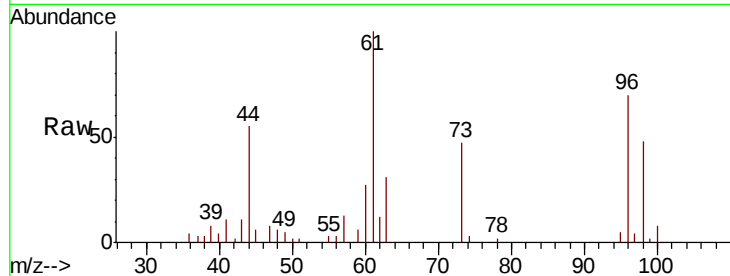
Tgt Ion: 96 Resp: 6671

Ion Ratio Lower Upper

96 100

61 142.2 97.1 180.3

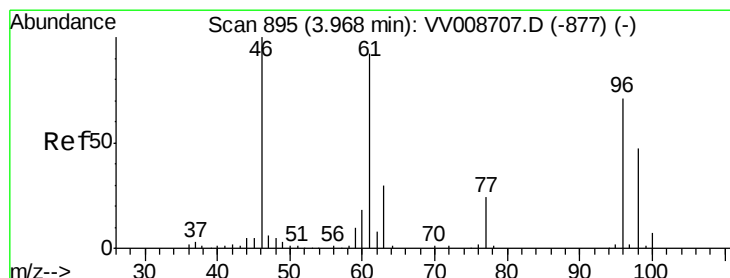
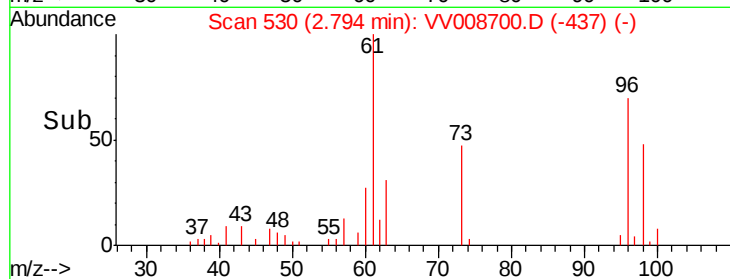
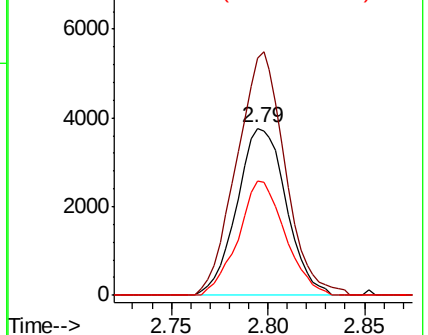
98 68.9 41.9 77.7



Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 97.95 (97.65 to 98.65): VV0



#22

cis-1,2-Dichloroethene

Concen: 7.348 ug/L

RT: 3.97 min Scan# 895

Delta R.T. -0.00 min

Lab File: VV008700.D

Acq: 21 Nov 2018 14:58

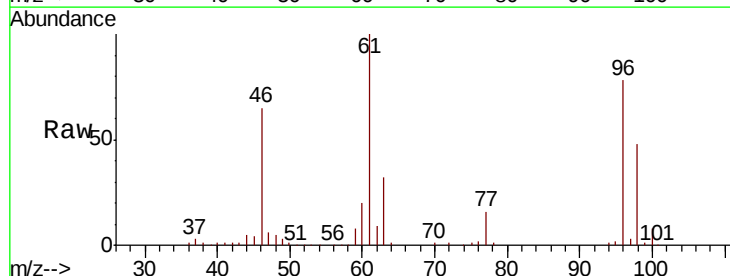
Tgt Ion: 96 Resp: 99767

Ion Ratio Lower Upper

96 100

61 128.8 93.2 173.2

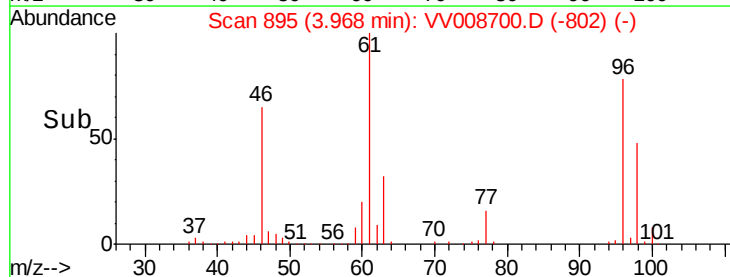
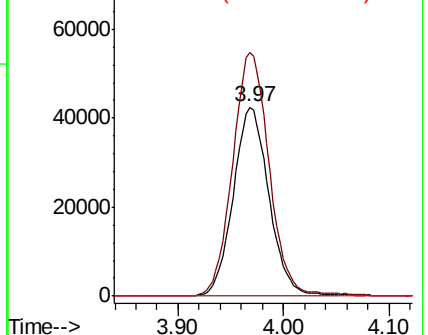
68 0.0 0.0 0.0

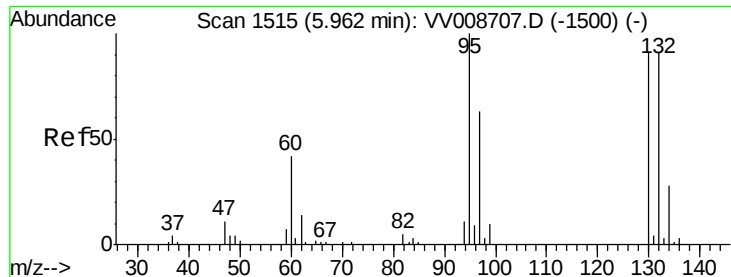


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 68.15 (67.85 to 68.85): VV0





#34

Trichloroethene

Concen: 4.331 ug/L

RT: 5.96 min Scan# 1516

Delta R.T. 0.00 min

Lab File: VV008700.D

Acq: 21 Nov 2018 14:58

Instrument :
MSVOA_V
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H0FK1DL

Tgt Ion: 95 Resp: 58487

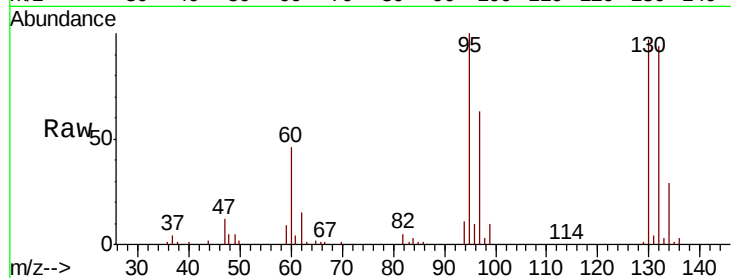
Ion Ratio Lower Upper

95 100

97 63.5 45.1 83.7

132 93.6 66.3 123.1

130 97.2 68.0 126.4



Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V

