

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061719\
 Data File : VU032797.D
 Acq On : 17 Jun 2019 20:53
 Operator : JC/SP
 Sample : K3324-12
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0JR8

Quant Time: Jun 18 04:57:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jun 18 02:39:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	225436	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	217100	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	109545	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	59190	38.42	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	76.84%
7) Chloroethane-d5	1.68	69	52983	43.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	86.24%
11) 1,1-Dichloroethene-d2	2.27	63	93432	30.10	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	60.20%
21) 2-Butanone-d5	4.17	46	138472	107.98	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	107.98%
24) Chloroform-d	4.64	84	133186	44.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.94%
26) 1,2-Dichloroethane-d4	5.30	65	94097	47.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.34%
32) Benzene-d6	5.33	84	257859	45.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.12%
36) 1,2-Dichloropropane-d6	6.32	67	85855	47.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.24%
41) Toluene-d8	7.56	98	232802	43.93	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.86%
43) trans-1,3-Dichloropropene-	7.85	79	41528	44.28	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.56%
47) 2-Hexanone-d5	8.31	63	101180	120.19	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	120.19%
57) 1,1,2,2-Tetrachloroethane-	10.42	84	132116	47.40	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.80%
64) 1,2-Dichlorobenzene-d4	11.85	152	99042	46.72	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.44%

Target Compounds

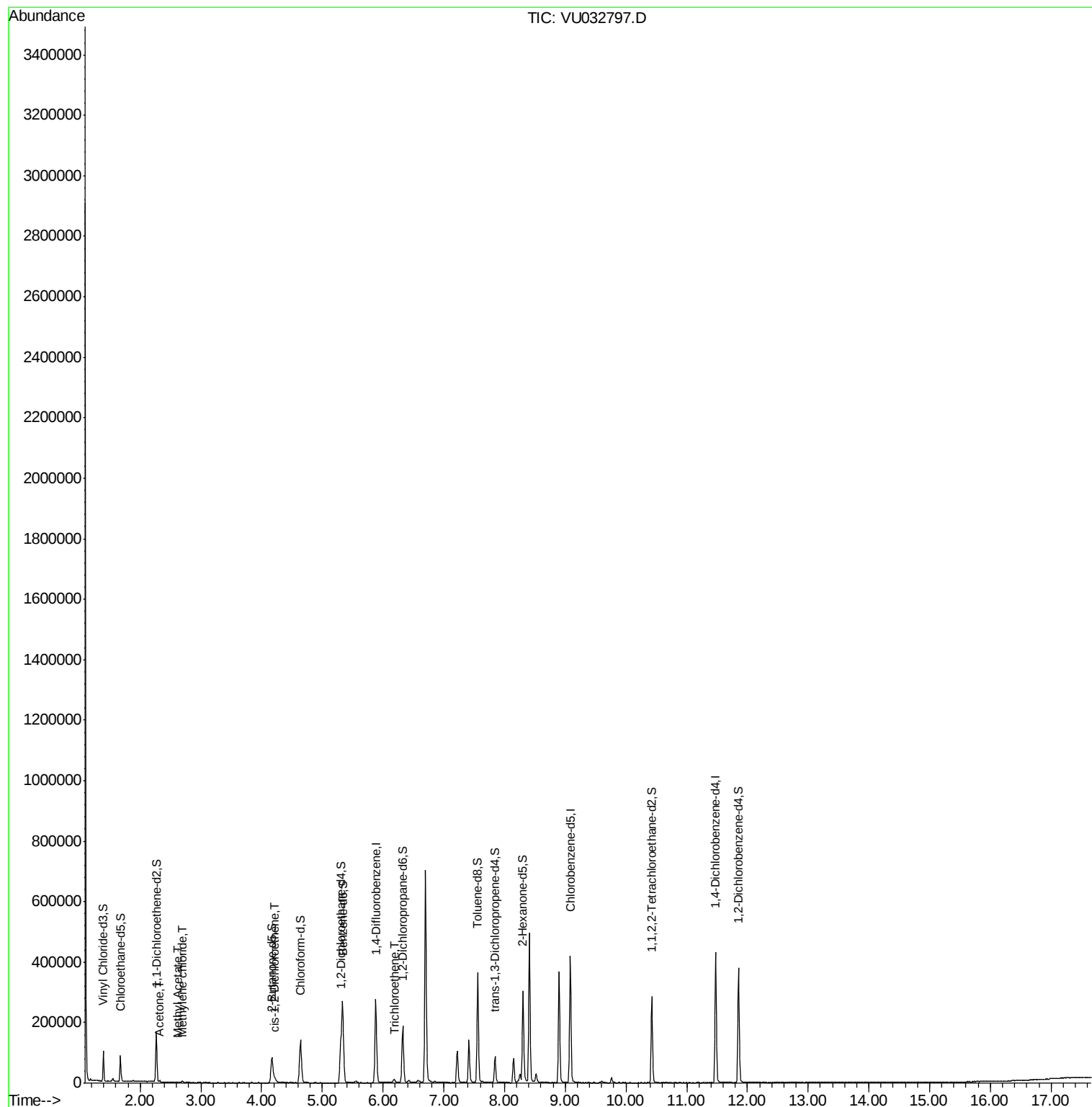
					Ovalue
13) Acetone	2.32	43	5658	3.194 ug/L	98
15) Methyl Acetate	2.62	43	1657	0.825 ug/L #	90
16) Methylene chloride	2.69	84	2164	1.299 ug/L	97
20) cis-1,2-Dichloroethene	4.22	96	5214	3.109 ug/L	88
34) Trichloroethene	6.18	95	3688	2.207 ug/L	94

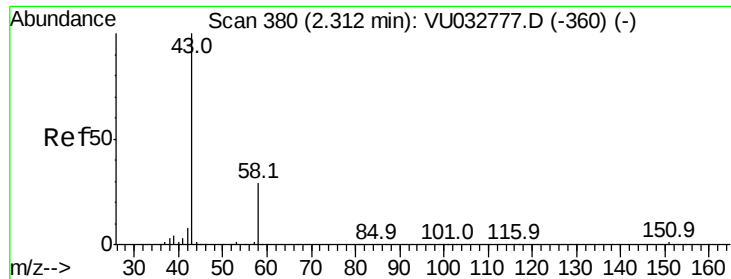
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061719\
Data File : VU032797.D
Acq On : 17 Jun 2019 20:53
Operator : JC/SP
Sample : K3324-12
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0JR8

Quant Time: Jun 18 04:57:17 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061719WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Jun 18 02:39:23 2019
Response via : Initial Calibration





#13

Acetone

Concen: 3.194 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.01 min

Lab File: VU032797.D

Acq: 17 Jun 2019 20:53

Instrument :

MSVOA_U

ClientSampleId :

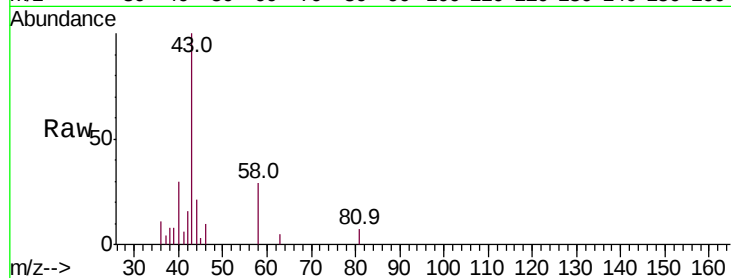
C0JR8

Tot Ion: 43 Resp: 5658

Ion Ratio Lower Upper

43 100

58 31.6 0.0 60.6



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

2.32

4000

3000

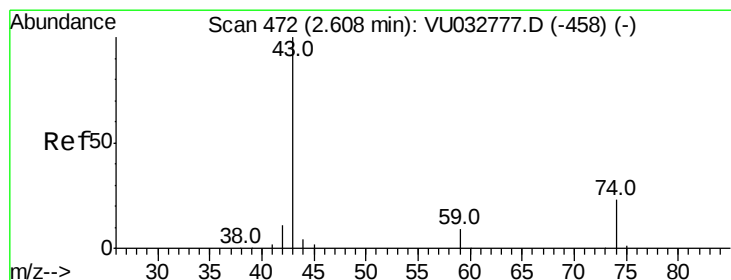
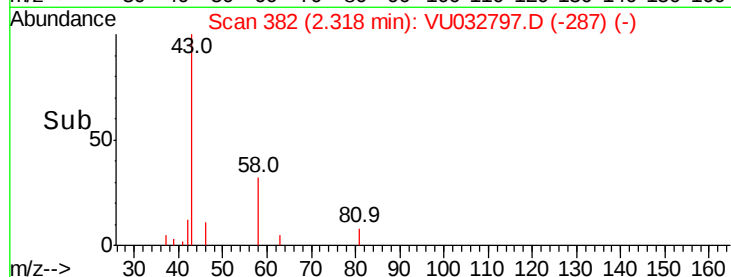
2000

1000

0

Time-->

2.25 2.30 2.35 2.40



#15

Methyl Acetate

Concen: 0.825 ug/L

RT: 2.62 min Scan# 475

Delta R.T. 0.01 min

Lab File: VU032797.D

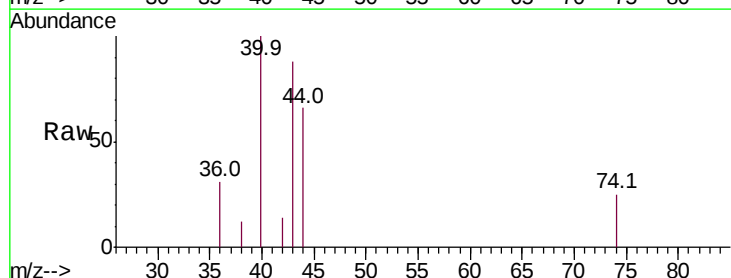
Acq: 17 Jun 2019 20:53

Tgt Ion: 43 Resp: 1657

Ion Ratio Lower Upper

43 100

74 17.7 18.1 27.1#



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 74.00 (73.70 to 74.70): VU0

2.62

800

600

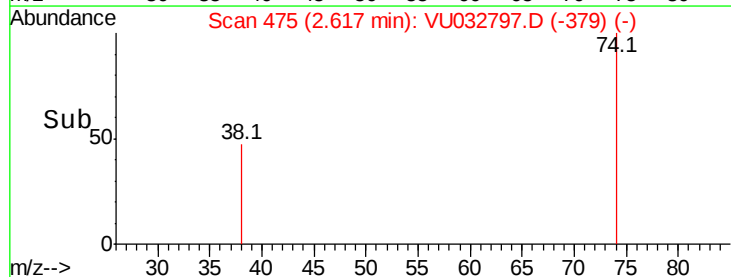
400

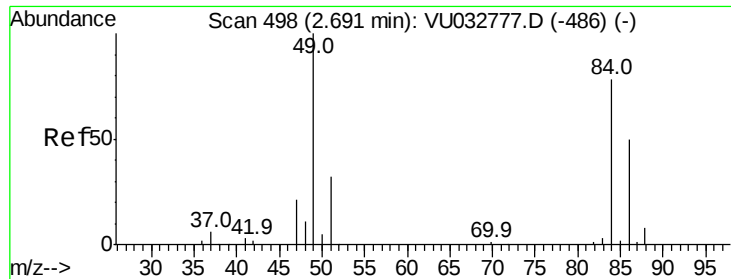
200

0

Time-->

2.60 2.65

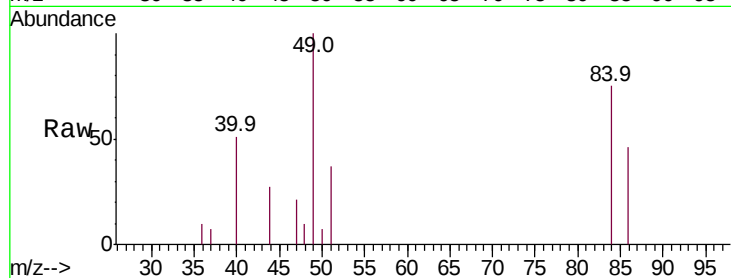




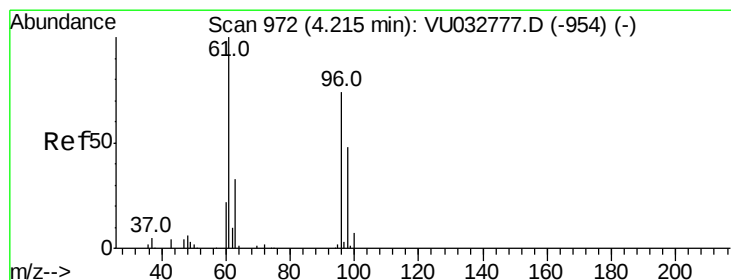
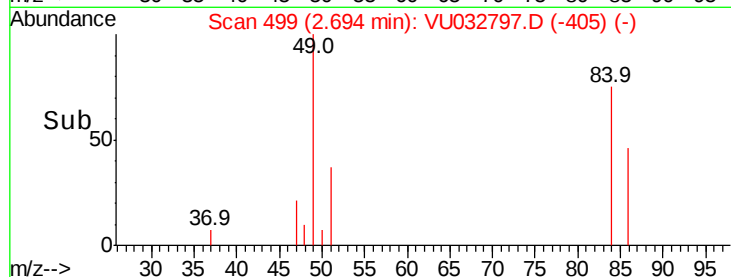
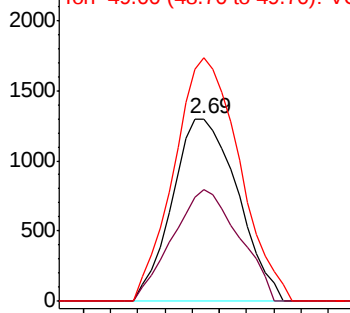
#16
Methvlene chloride
Concen: 1.299 ug/L
RT: 2.69 min Scan# 499
Delta R.T. 0.00 min
Lab File: VU032797.D
Acq: 17 Jun 2019 20:53

Instrument :
MSVOA_U
ClientSampleId :
C0JR8

Tot Ion: 84 Resp: 2164
Ion Ratio Lower Upper
84 100
86 61.4 45.5 84.5
49 133.6 92.1 171.1

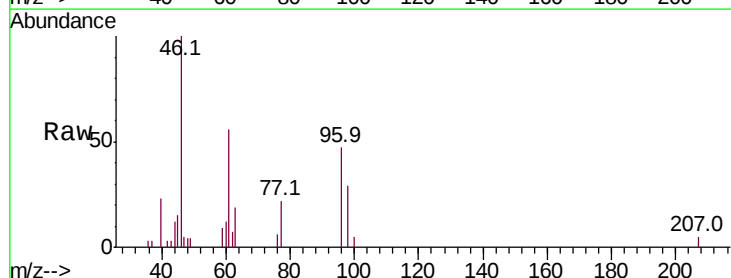


Abundance Ion 84.00 (83.70 to 84.70): VU0
Ion 86.00 (85.70 to 86.70): VU0
Ion 49.00 (48.70 to 49.70): VU0

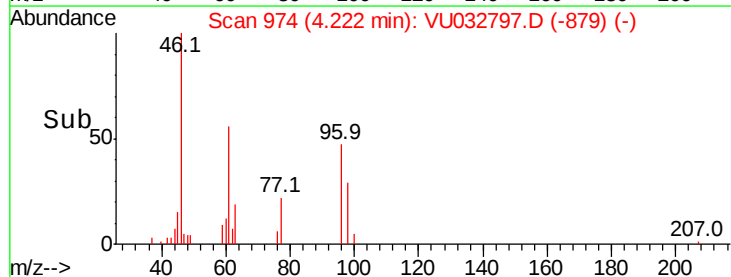
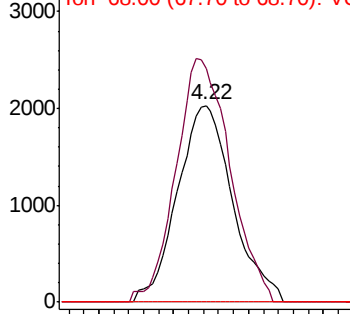


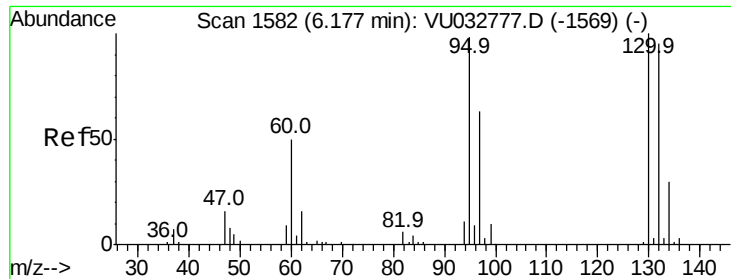
#20
cis-1,2-Dichloroethene
Concen: 3.109 ug/L
RT: 4.22 min Scan# 974
Delta R.T. 0.01 min
Lab File: VU032797.D
Acq: 17 Jun 2019 20:53

Tgt Ion: 96 Resp: 5214
Ion Ratio Lower Upper
96 100
61 118.4 92.4 171.6
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.00 (60.70 to 61.70): VU0
Ion 68.00 (67.70 to 68.70): VU0





#34

Trichloroethene

Concen: 2.207 ug/L

RT: 6.18 min Scan# 1583

Delta R.T. 0.00 min

Lab File: VU032797.D

Acq: 17 Jun 2019 20:53

Instrument :

MSVOA_U

ClientSampleId :

C0JR8

Tot Ion: 95 Resp: 3688

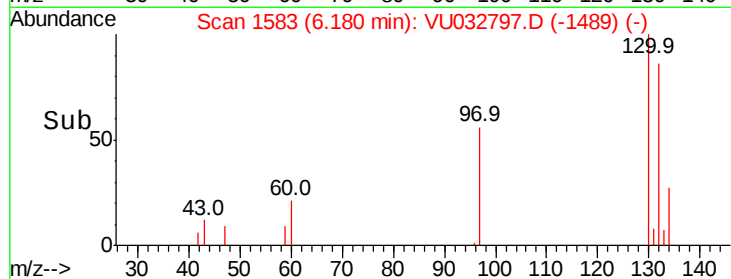
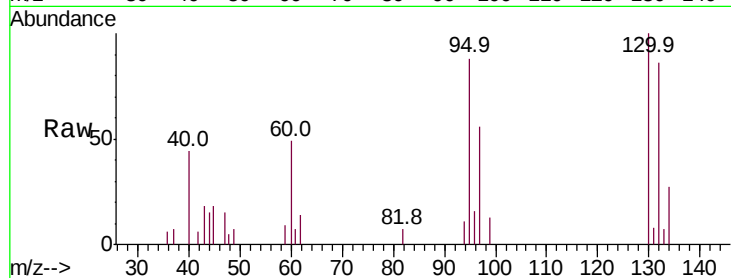
Ion Ratio Lower Upper

95 100

97 63.7 45.9 85.3

132 98.2 68.5 127.3

130 113.9 70.8 131.4



Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V

