

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061819\
 Data File : VU032836.D
 Acq On : 18 Jun 2019 20:11
 Operator : JC/SP
 Sample : K3324-09DL 5X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0JR5DL

Quant Time: Jun 19 06:03:03 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jun 19 04:35:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	229159	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	221899	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	112183	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	65851	42.05	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.10%
7) Chloroethane-d5	1.68	69	57602	46.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.24%
11) 1,1-Dichloroethene-d2	2.27	63	106115	33.63	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.26%
21) 2-Butanone-d5	4.17	46	132041	101.30	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.30%
24) Chloroform-d	4.64	84	141379	46.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.88%
26) 1,2-Dichloroethane-d4	5.30	65	98069	48.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.72%
32) Benzene-d6	5.33	84	279862	48.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.76%
36) 1,2-Dichloropropane-d6	6.32	67	90962	49.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.72%
41) Toluene-d8	7.56	98	259988	47.99	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.98%
43) trans-1,3-Dichloropropene-	7.85	79	44160	46.07	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.14%
47) 2-Hexanone-d5	8.31	63	86766	100.84	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.84%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	133103	46.73	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.46%
64) 1,2-Dichlorobenzene-d4	11.86	152	106116	48.88	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.76%

Target Compounds

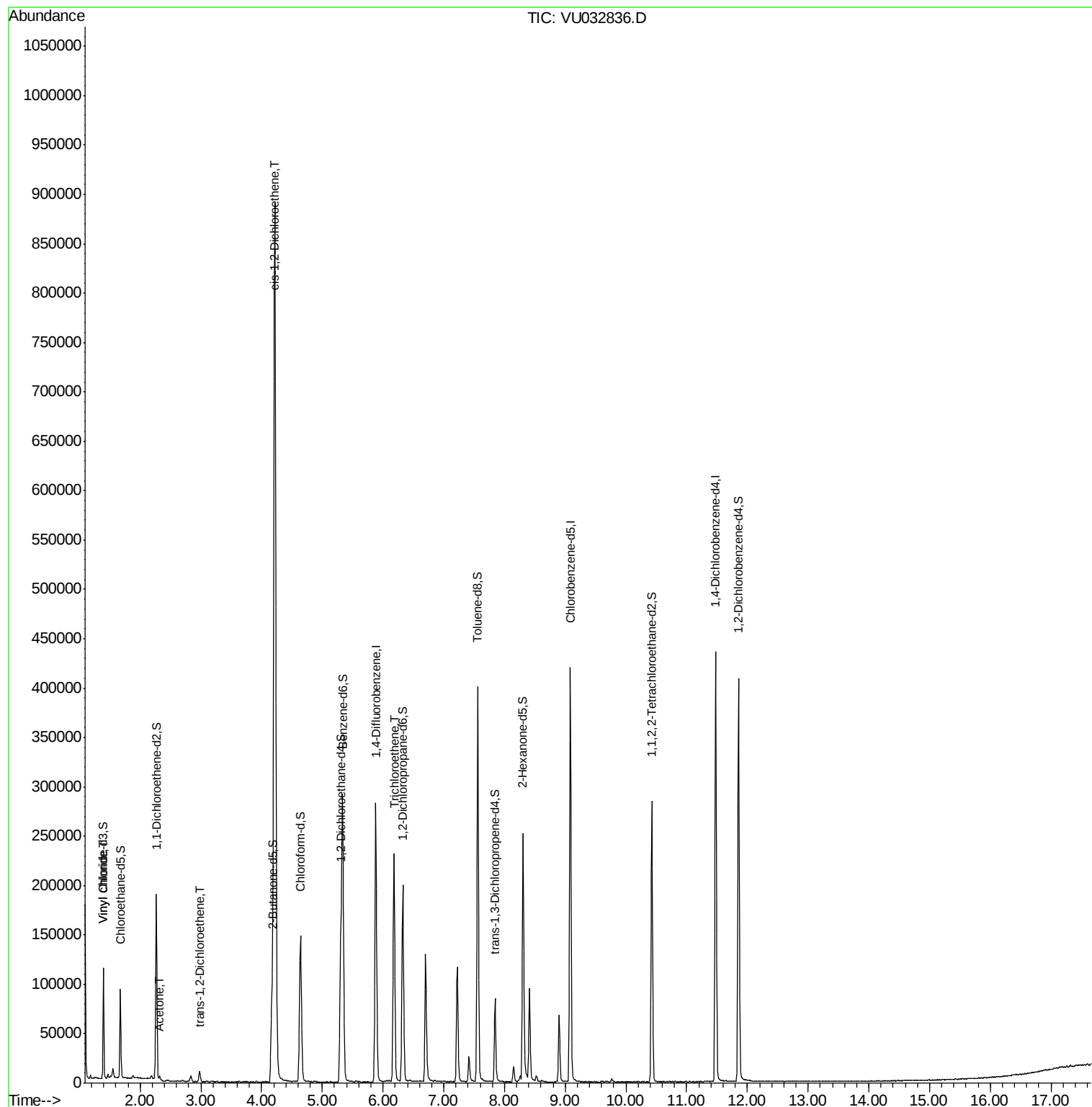
					Ovalue
5) Vinyl chloride	1.40	62	4073	1.957 ug/L	# 55
13) Acetone	2.32	43	3612	2.006 ug/L	98
17) trans-1,2-Dichloroethene	2.98	96	4179	2.670 ug/L	93
20) cis-1,2-Dichloroethene	4.22	96	472227	276.999 ug/L	97
34) Trichloroethene	6.18	95	75241	44.054 ug/L	100

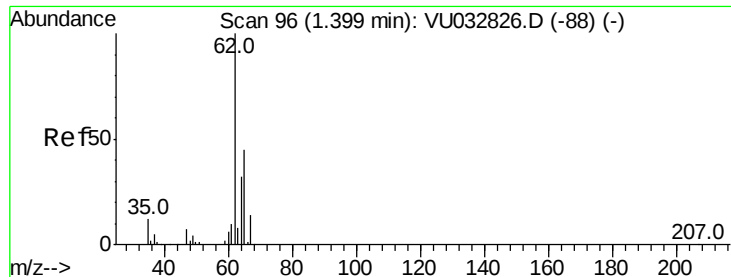
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 1.957 ug/L

RT: 1.40 min Scan# 96

Delta R.T. 0.00 min

Lab File: VU032836.D

Acq: 18 Jun 2019 20:11

Instrument :

MSVOA_U

ClientSampleId :

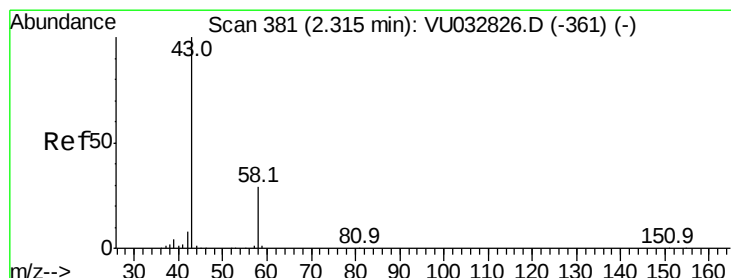
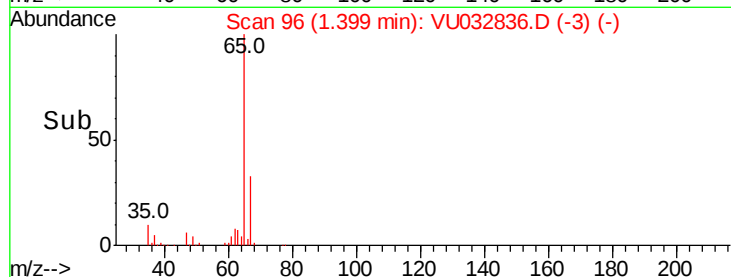
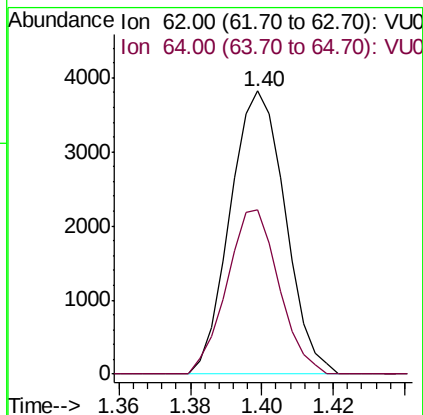
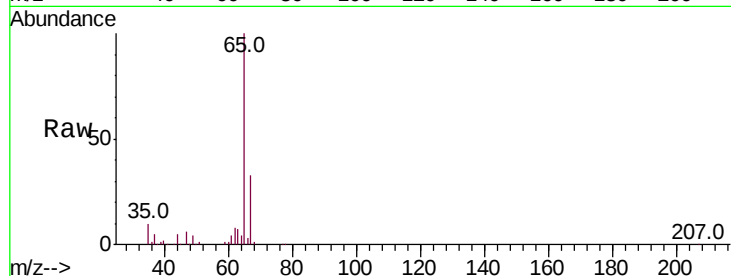
C0JR5DL

Tot Ion: 62 Resp: 4073

Ion Ratio Lower Upper

62 100

64 58.1 23.0 42.6#



#13

Acetone

Concen: 2.006 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

Lab File: VU032836.D

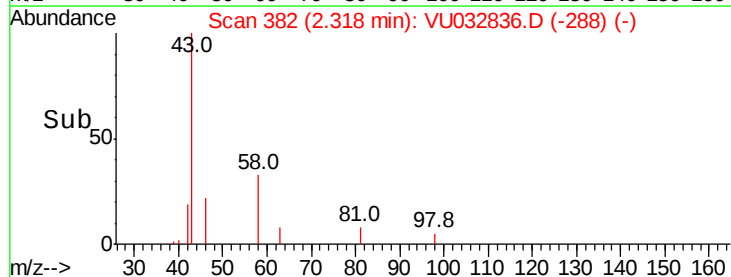
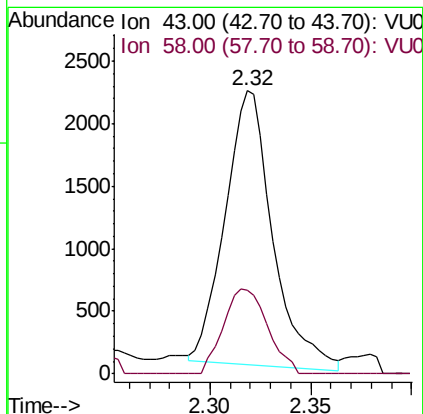
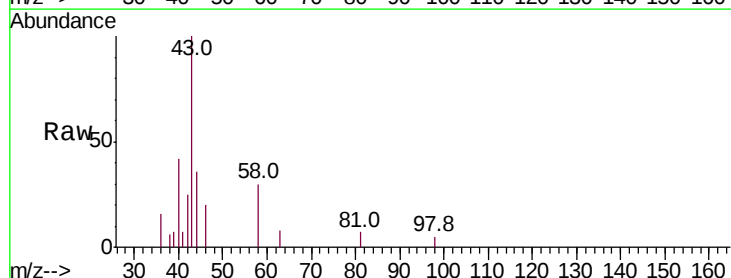
Acq: 18 Jun 2019 20:11

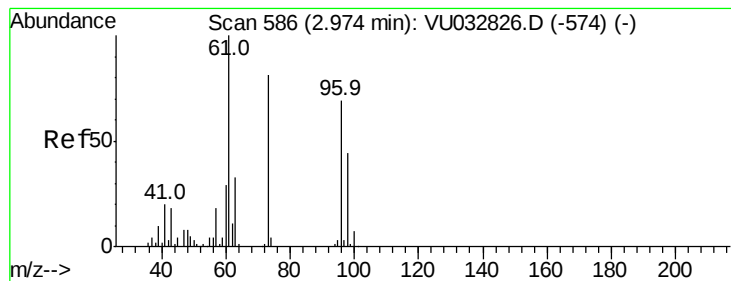
Tgt Ion: 43 Resp: 3612

Ion Ratio Lower Upper

43 100

58 29.0 0.0 60.6





#17

trans-1,2-Dichloroethene

Concen: 2.670 ug/L

RT: 2.98 min Scan# 587

Delta R.T. 0.00 min

Lab File: VU032836.D

Acq: 18 Jun 2019 20:11

Instrument :

MSVOA_U

ClientSampleId :

C0JR5DL

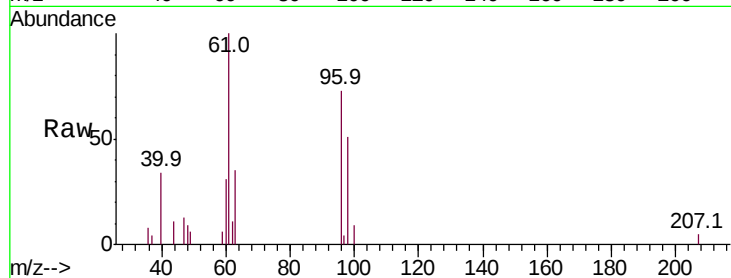
Tot Ion: 96 Resp: 4179

Ion Ratio Lower Upper

96 100

61 137.5 100.9 187.5

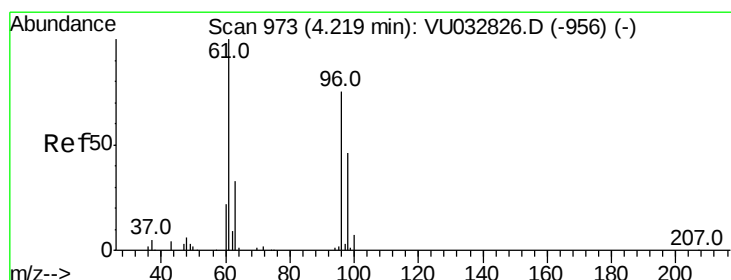
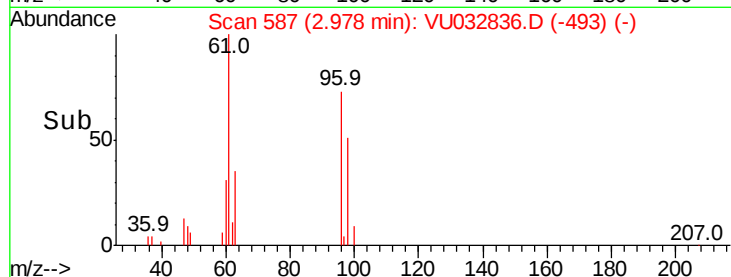
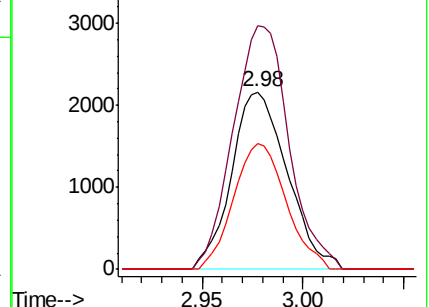
98 70.8 44.0 81.8



Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 98.00 (97.70 to 98.70): VU0



#20

cis-1,2-Dichloroethene

Concen: 276.999 ug/L

RT: 4.22 min Scan# 972

Delta R.T. -0.00 min

Lab File: VU032836.D

Acq: 18 Jun 2019 20:11

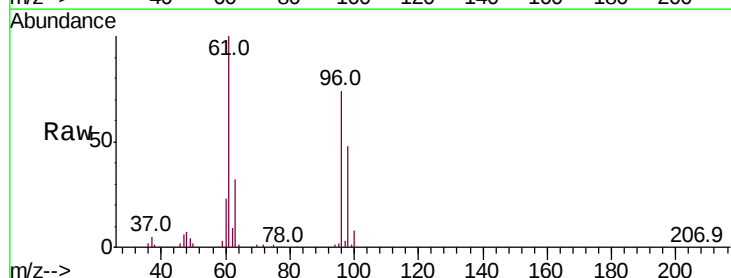
Tgt Ion: 96 Resp: 472227

Ion Ratio Lower Upper

96 100

61 135.2 92.4 171.6

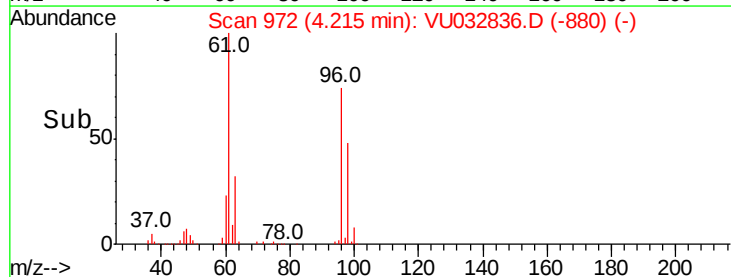
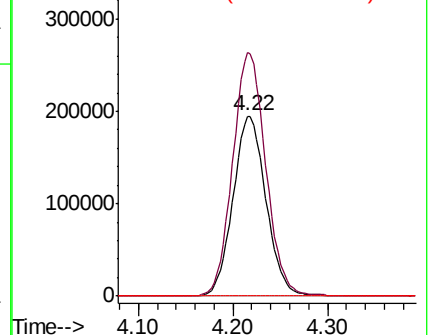
68 0.0 0.0 0.0

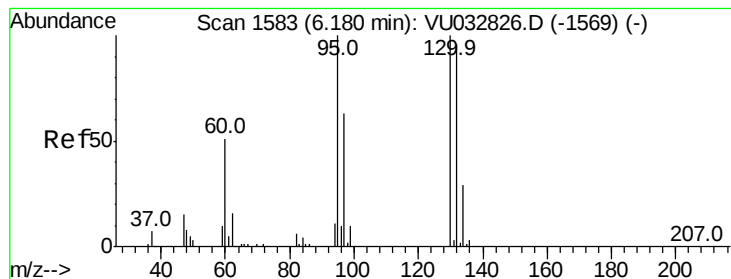


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 68.00 (67.70 to 68.70): VU0





#34

Trichloroethene

Concen: 44.054 ug/L

RT: 6.18 min Scan# 1583

Delta R.T. 0.00 min

Lab File: VU032836.D

Acq: 18 Jun 2019 20:11

Instrument :

MSVOA_U

ClientSampleId :

C0JR5DL

Tot Ion: 95 Resp: 75241

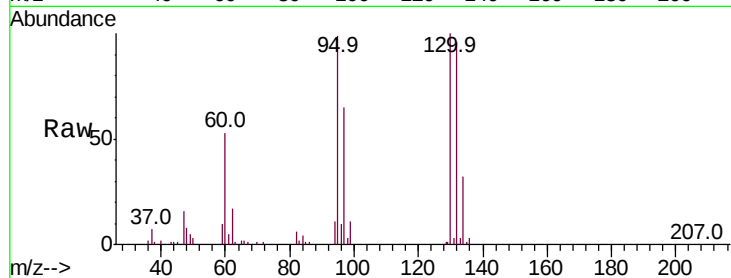
Ion Ratio Lower Upper

95 100

97 65.8 45.9 85.3

132 97.6 68.5 127.3

130 101.2 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

