

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU050719\
 Data File : VU031797.D
 Acq On : 07 May 2019 12:20
 Operator : JC/SP
 Sample : K2705-04
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0B43

Quant Time: May 08 07:14:59 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed May 08 06:47:54 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	622270	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	608383	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	220244	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	251719	48.33	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	96.66%
7) Chloroethane-d5	1.68	69	189720	47.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.28%
11) 1,1-Dichloroethene-d2	2.27	63	384229	37.05	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.10%
21) 2-Butanone-d5	4.18	46	480530	101.84	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.84%
24) Chloroform-d	4.64	84	451525	47.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.68%
26) 1,2-Dichloroethane-d4	5.31	65	331708	53.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.46%
32) Benzene-d6	5.34	84	895516	47.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.88%
36) 1,2-Dichloropropane-d6	6.32	67	320849	48.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.64%
41) Toluene-d8	7.56	98	721139	44.32	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.64%
43) trans-1,3-Dichloropropene-	7.85	79	130713	46.33	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.66%
47) 2-Hexanone-d5	8.31	63	274356	96.44	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.44%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	409050	46.37	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.74%
64) 1,2-Dichlorobenzene-d4	11.86	152	222414	48.02	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.04%

Target Compounds

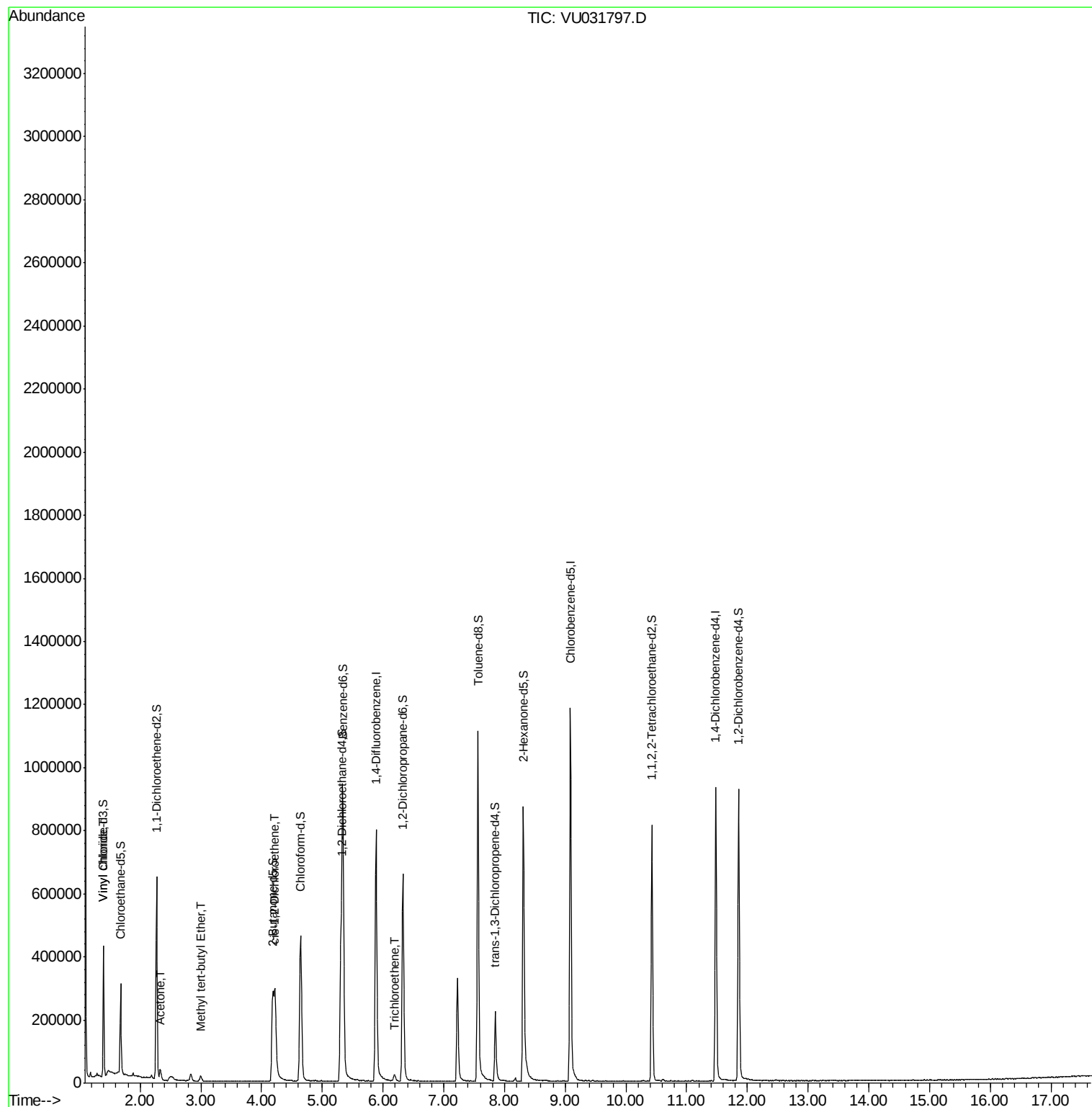
					Ovalue
5) Vinyl chloride	1.40	62	30656	3.961 ug/L	# 74
13) Acetone	2.33	43	37607	7.075 ug/L	94
18) Methyl tert-butyl Ether	3.00	73	14090	0.874 ug/L	98
20) cis-1,2-Dichloroethene	4.22	96	113193	20.859 ug/L	92
34) Trichloroethene	6.19	95	6831	1.260 ug/L	87

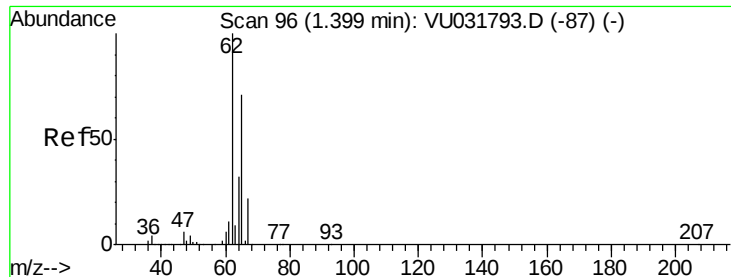
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#5

Vinyl chloride

Concen: 3.961 ug/L

RT: 1.40 min Scan# 96

Delta R.T. 0.00 min

Lab File: VU031797.D

Acq: 07 May 2019 12:20

Instrument :

MSVOA_U

ClientSampleId :

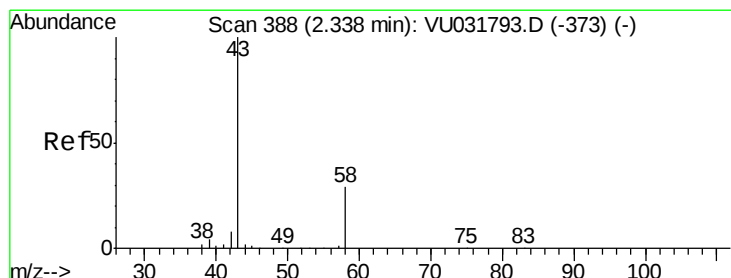
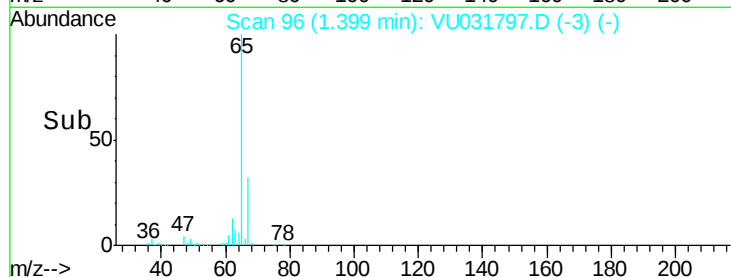
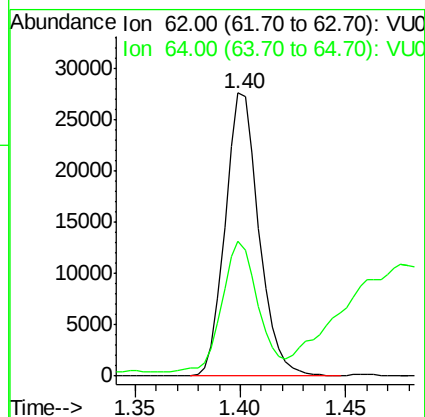
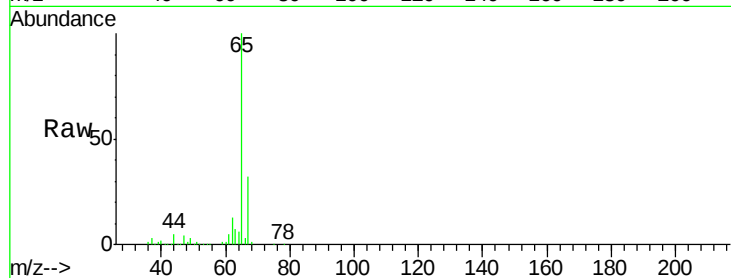
C0B43

Tot Ion: 62 Resp: 30656

Ion Ratio Lower Upper

62 100

64 47.6 23.1 42.9#



#13

Acetone

Concen: 7.075 ug/L

RT: 2.33 min Scan# 386

Delta R.T. -0.01 min

Lab File: VU031797.D

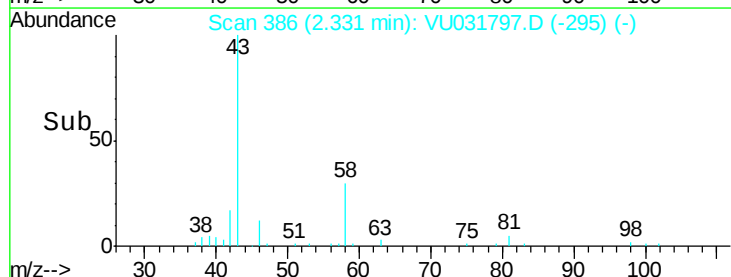
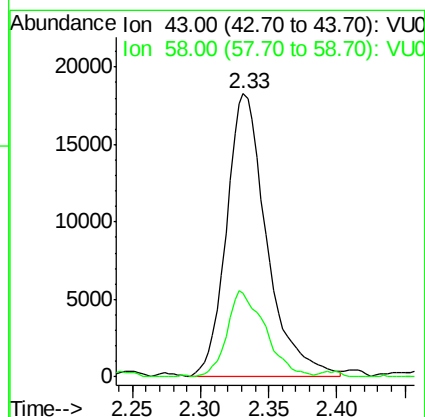
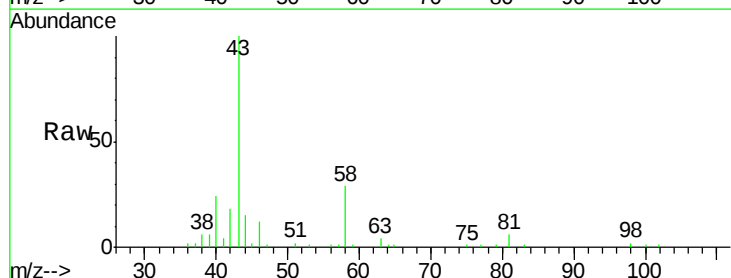
Acq: 07 May 2019 12:20

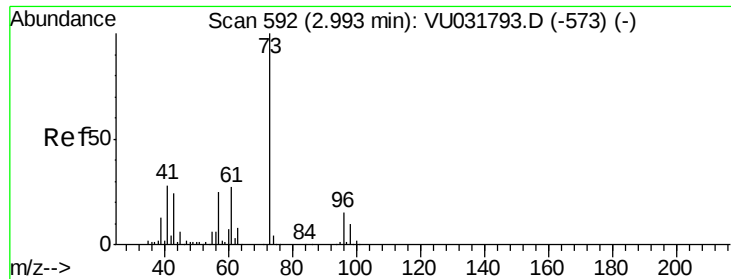
Tgt Ion: 43 Resp: 37607

Ion Ratio Lower Upper

43 100

58 28.8 0.0 64.4

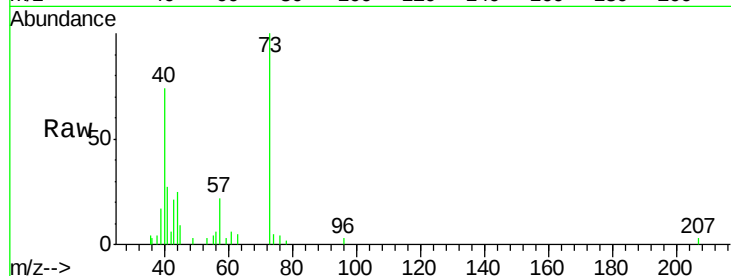




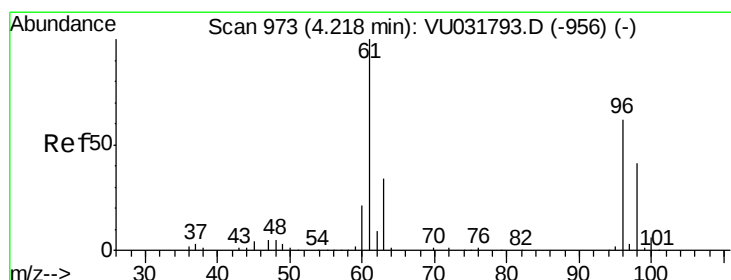
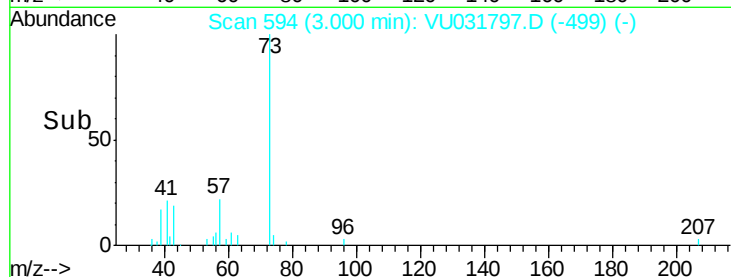
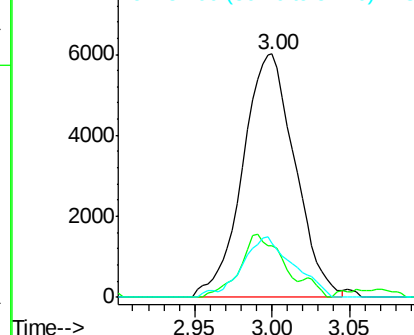
#18
Methvl tert-butvl Ether
Concen: 0.874 ug/L
RT: 3.00 min Scan# 594
Delta R.T. 0.01 min
Lab File: VU031797.D
Acq: 07 May 2019 12:20

Instrument :
MSVOA_U
ClientSampleId :
C0B43

Tot Ion: 73 Resp: 14090
Ion Ratio Lower Upper
73 100
43 20.3 17.0 25.4
57 23.8 19.5 29.3

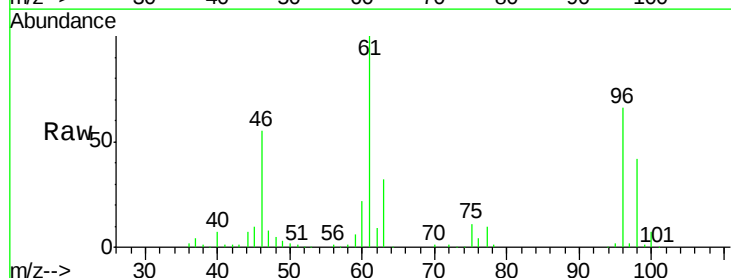


Abundance Ion 73.00 (72.70 to 73.70): VU0
Ion 43.00 (42.70 to 43.70): VU0
Ion 57.00 (56.70 to 57.70): VU0

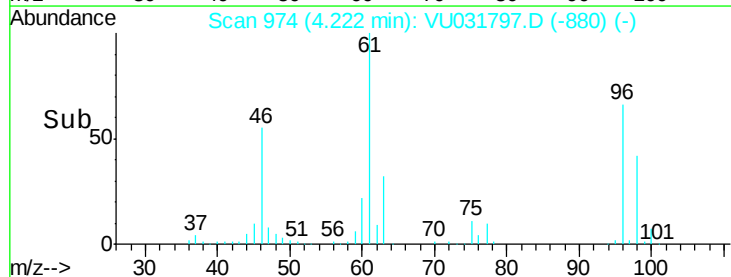
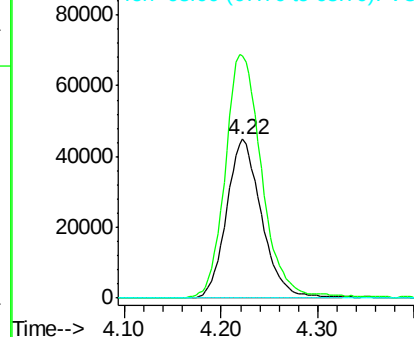


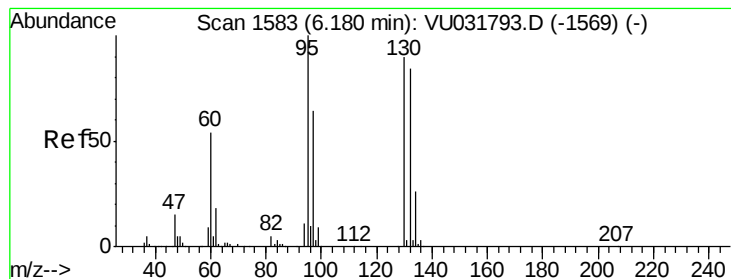
#20
cis-1,2-Dichloroethene
Concen: 20.859 ug/L
RT: 4.22 min Scan# 974
Delta R.T. 0.00 min
Lab File: VU031797.D
Acq: 07 May 2019 12:20

Tgt Ion: 96 Resp: 113193
Ion Ratio Lower Upper
96 100
61 152.3 99.5 184.7
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: 1.260 ug/L

RT: 6.19 min Scan# 1586

Delta R.T. 0.01 min

Lab File: VU031797.D

Acq: 07 May 2019 12:20

Instrument :
MSVOA_U
ClientSampleId :
C0B43

Tot Ion: 95 Resp: 6831

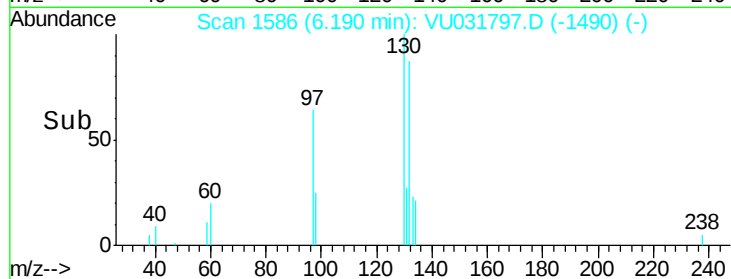
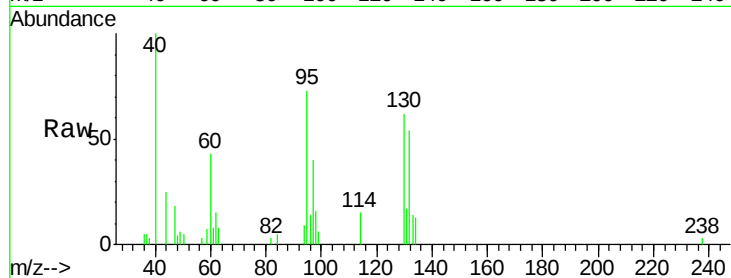
Ion Ratio Lower Upper

95 100

97 55.0 44.8 83.2

132 74.2 63.1 117.1

130 85.7 66.5 123.5



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

