

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU101719\
 Data File : VU035241.D
 Acq On : 18 Oct 2019 04:06
 Operator : JC/SP
 Sample : K5419-10
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H0G59

Quant Time: Oct 18 07:06:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101719WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Oct 18 05:36:44 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.30	114	344732	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	334627	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	133111	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	108893	5.18	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	103.60%
7) Chloroethane-d5	1.94	69	96456	5.02	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.40%
11) 1,1-Dichloroethene-d2	2.59	63	149743	3.85	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.00%
20) 2-Butanone-d5	4.71	46	275431	45.60	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.20%
24) Chloroform-d	5.12	84	194449	5.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.20%
26) 1,2-Dichloroethane-d4	5.75	65	110620	5.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.00%
32) Benzene-d6	5.77	84	402884	5.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.20%
36) 1,2-Dichloropropane-d6	6.74	67	133527	5.49	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	109.80%
41) Toluene-d8	7.93	98	387019	5.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.80%
43) trans-1,3-Dichloropropene-	8.22	79	54496	4.62	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.40%
46) 2-Hexanone-d5	8.69	63	249280	47.94	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.88%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	106137	4.90	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.00%
64) 1,2-Dichlorobenzene-d4	12.23	152	125297	5.17	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.40%

Target Compounds

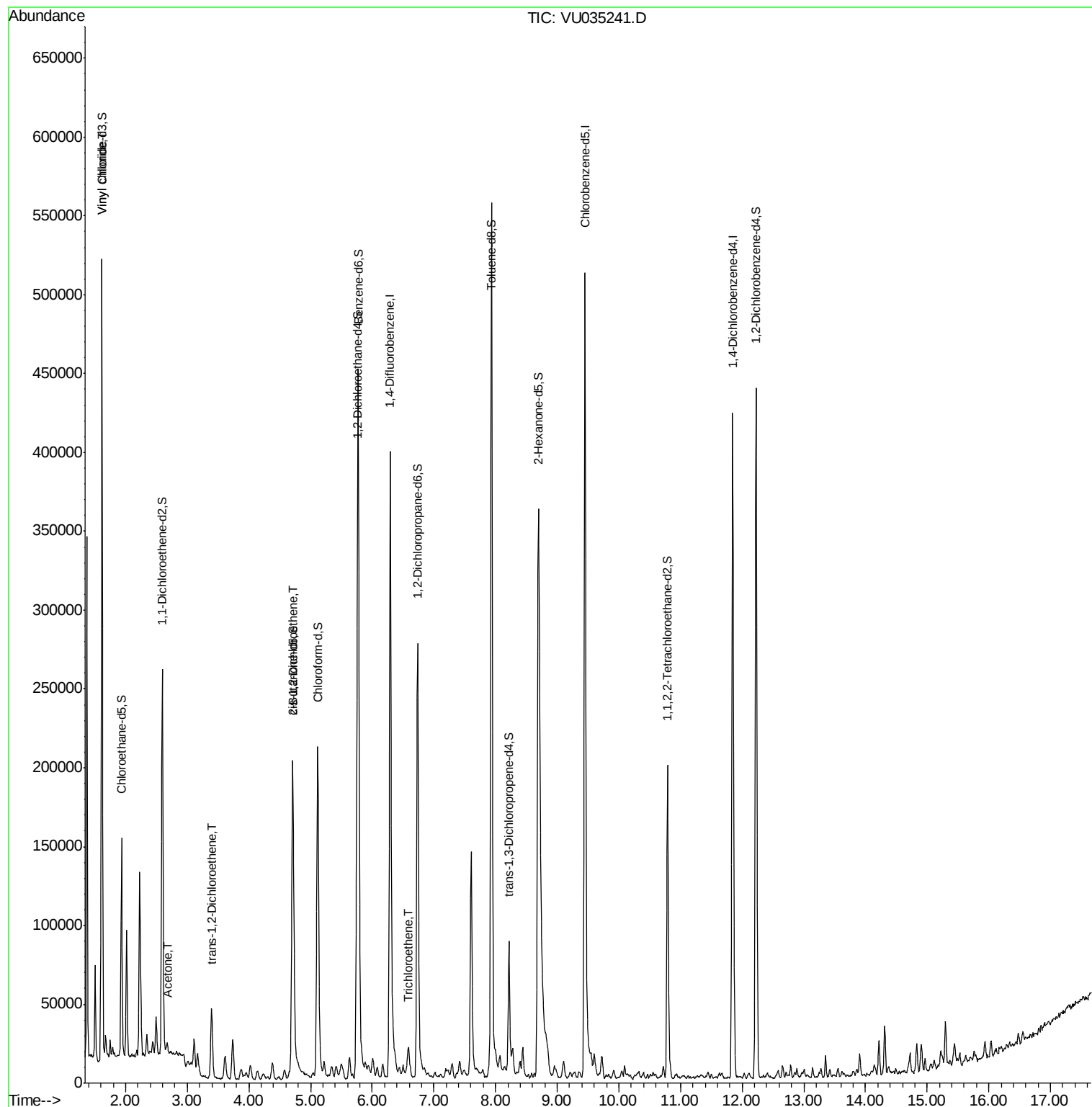
					Ovalue
5) Vinyl chloride	1.62	62	47392	1.586 ug/L	94
13) Acetone	2.67	43	7137	1.699 ug/L	91
18) trans-1,2-Dichloroethene	3.39	96	6702	0.280 ug/L	96
22) cis-1,2-Dichloroethene	4.72	96	20976	0.794 ug/L	99
34) Trichloroethene	6.58	95	4800	0.181 ug/L	95

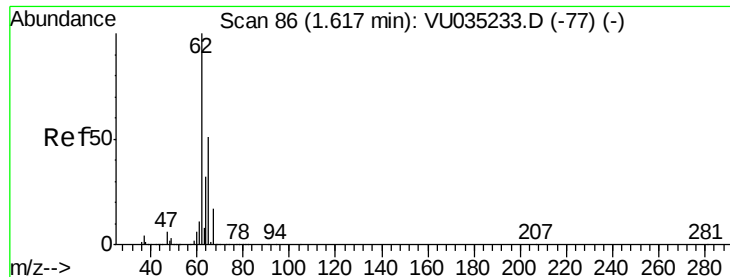
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 1.586 ug/L

RT: 1.62 min Scan# 88

Delta R.T. 0.01 min

Lab File: VU035241.D

Acq: 18 Oct 2019 04:06

Instrument :

MSVOA_U

ClientSampleId :

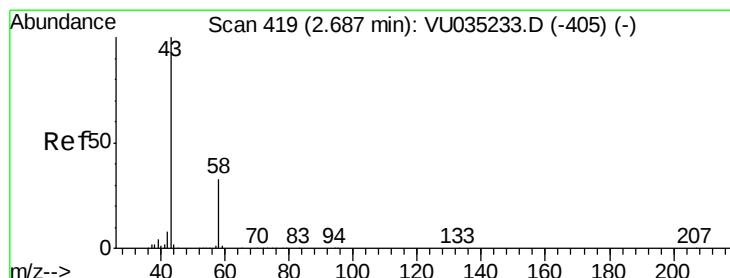
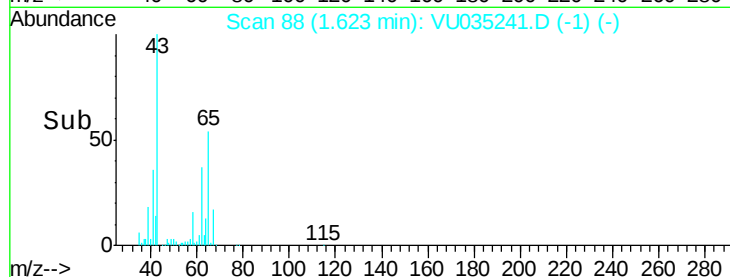
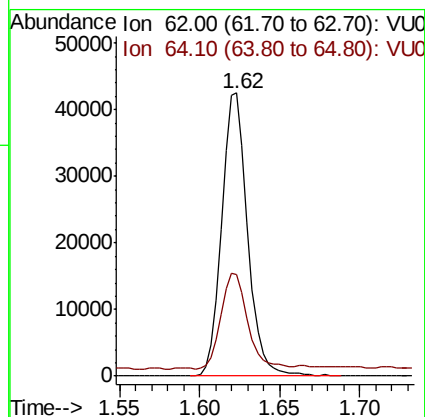
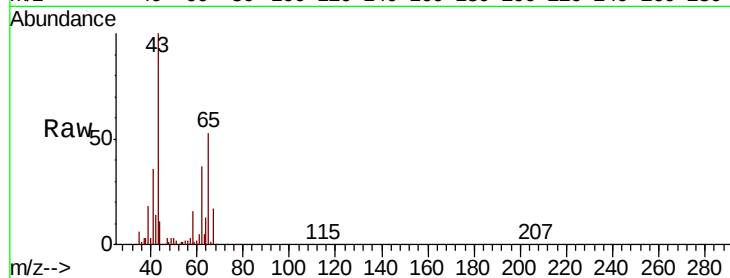
H0G59

Tot Ion: 62 Resp: 47392

Ion Ratio Lower Upper

62 100

64 35.8 22.9 42.5



#13

Acetone

Concen: 1.699 ug/L

RT: 2.67 min Scan# 415

Delta R.T. -0.01 min

Lab File: VU035241.D

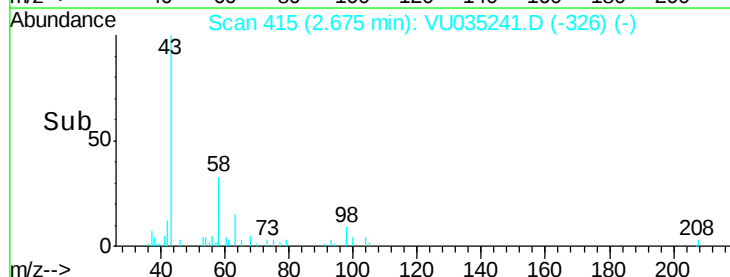
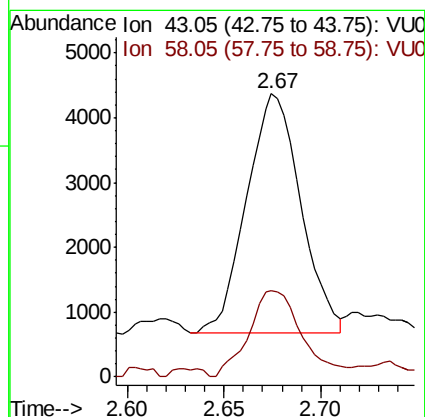
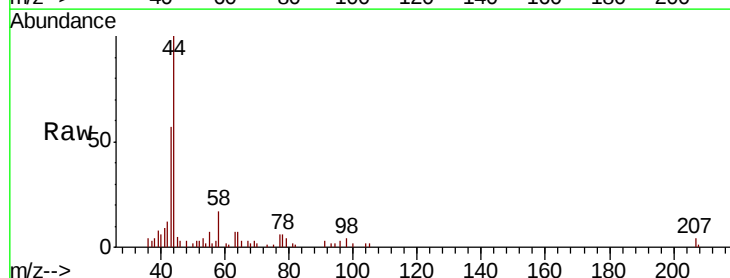
Acq: 18 Oct 2019 04:06

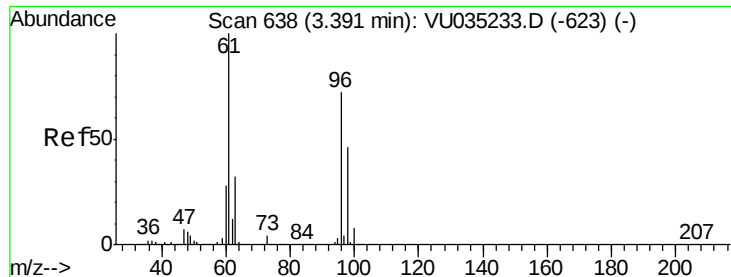
Tgt Ion: 43 Resp: 7137

Ion Ratio Lower Upper

43 100

58 35.9 0.0 61.8





#18

trans-1,2-Dichloroethene

Concen: 0.280 ug/L

RT: 3.39 min Scan# 638

Delta R.T. 0.00 min

Lab File: VU035241.D

Acq: 18 Oct 2019 04:06

Instrument :

MSVOA_U

ClientSampleId :

H0G59

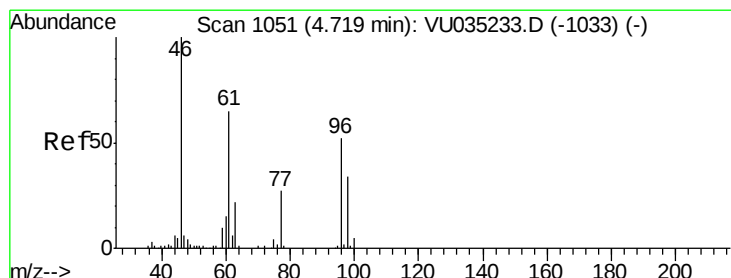
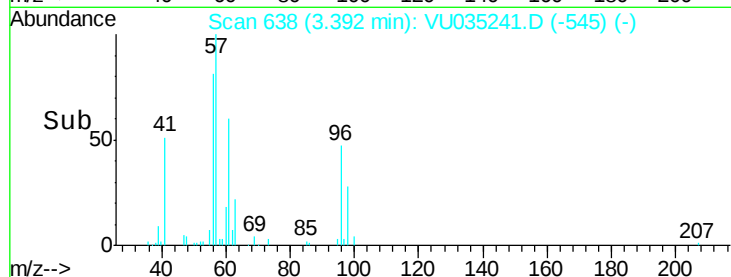
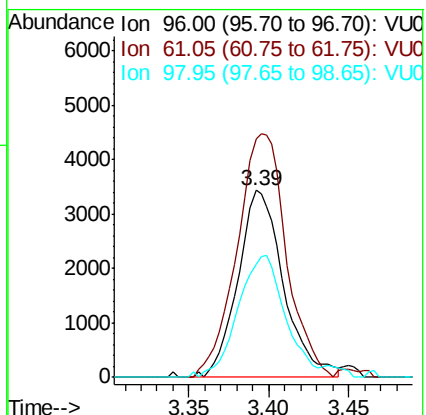
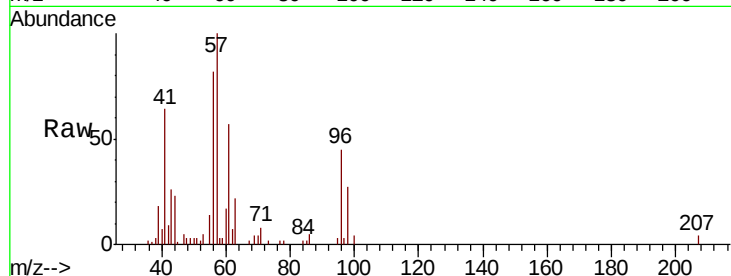
Tot Ion: 96 Resp: 6702

Ion Ratio Lower Upper

96 100

61 127.2 93.0 172.6

98 60.2 43.7 81.1



#22

cis-1,2-Dichloroethene

Concen: 0.794 ug/L

RT: 4.72 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VU035241.D

Acq: 18 Oct 2019 04:06

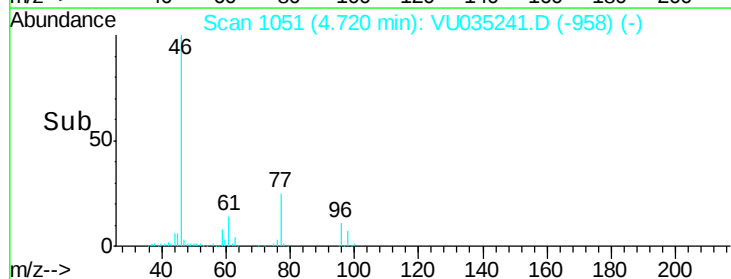
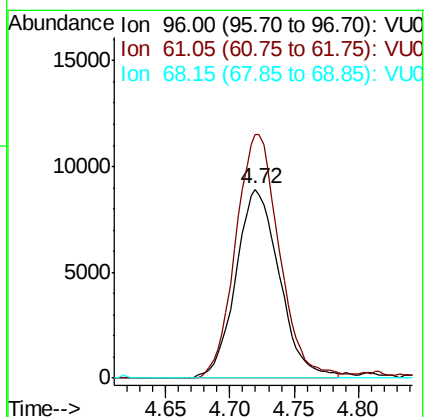
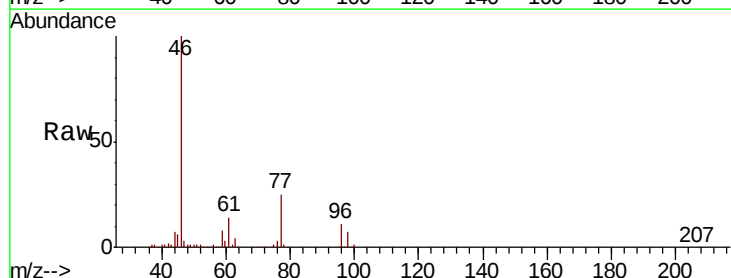
Tgt Ion: 96 Resp: 20976

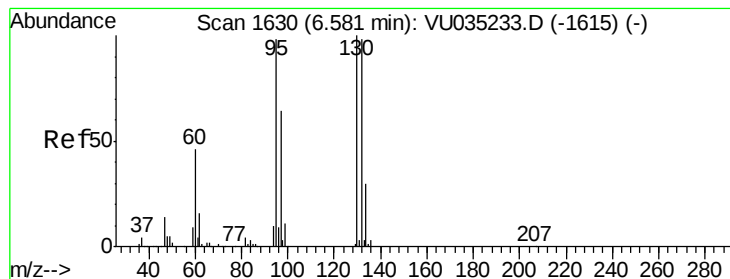
Ion Ratio Lower Upper

96 100

61 128.9 89.7 166.5

68 0.0 0.0 0.0





#34

Trichloroethene

Concen: 0.181 ug/L

RT: 6.58 min Scan# 1630

Delta R.T. 0.00 min

Lab File: VU035241.D

Acq: 18 Oct 2019 04:06

Instrument :

MSVOA_U

ClientSampleId :

H0G59

Tot Ion: 95 Resp: 4800

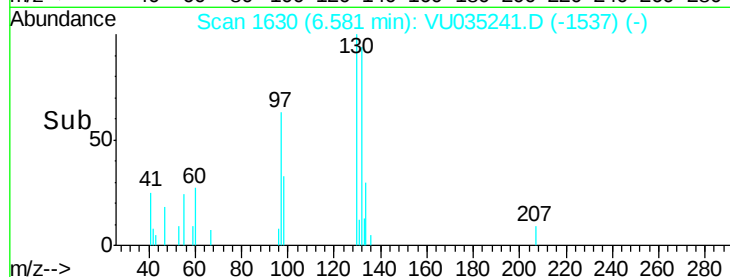
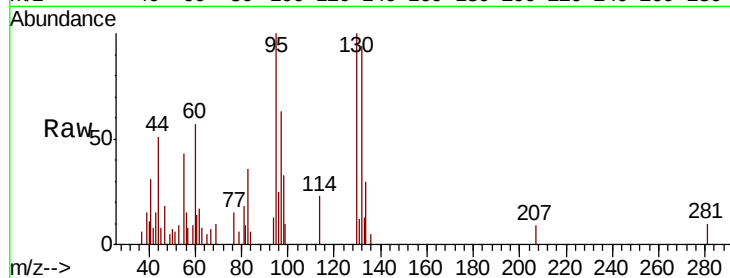
Ion Ratio Lower Upper

95 100

97 63.6 46.6 86.6

132 93.9 68.7 127.7

130 100.3 73.9 137.3



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

