

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061419\
 Data File : VU032710.D
 Acq On : 13 Jun 2019 21:46
 Operator : JC/SP
 Sample : K3364-10
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 COM31

Quant Time: Jun 17 15:59:09 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR060419WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jun 14 07:38:22 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	90317	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	84992	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	39861	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	26775	4.56	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.20%
7) Chloroethane-d5	1.68	69	22728	4.53	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.60%
11) 1,1-Dichloroethene-d2	2.27	63	51294	4.31	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.20%
20) 2-Butanone-d5	4.18	46	85794	52.35	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.70%
24) Chloroform-d	4.64	84	54652	5.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.80%
26) 1,2-Dichloroethane-d4	5.31	65	31444	5.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	114.40%
32) Benzene-d6	5.33	84	106255	5.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.60%
36) 1,2-Dichloropropane-d6	6.32	67	34887	5.36	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.20%
41) Toluene-d8	7.56	98	91583	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.80%
43) trans-1,3-Dichloropropene-	7.85	79	11552	4.15	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.00%
46) 2-Hexanone-d5	8.31	63	46703	33.49	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	66.98%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	25344	4.62	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.40%
64) 1,2-Dichlorobenzene-d4	11.86	152	36765	5.13	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.60%

Target Compounds

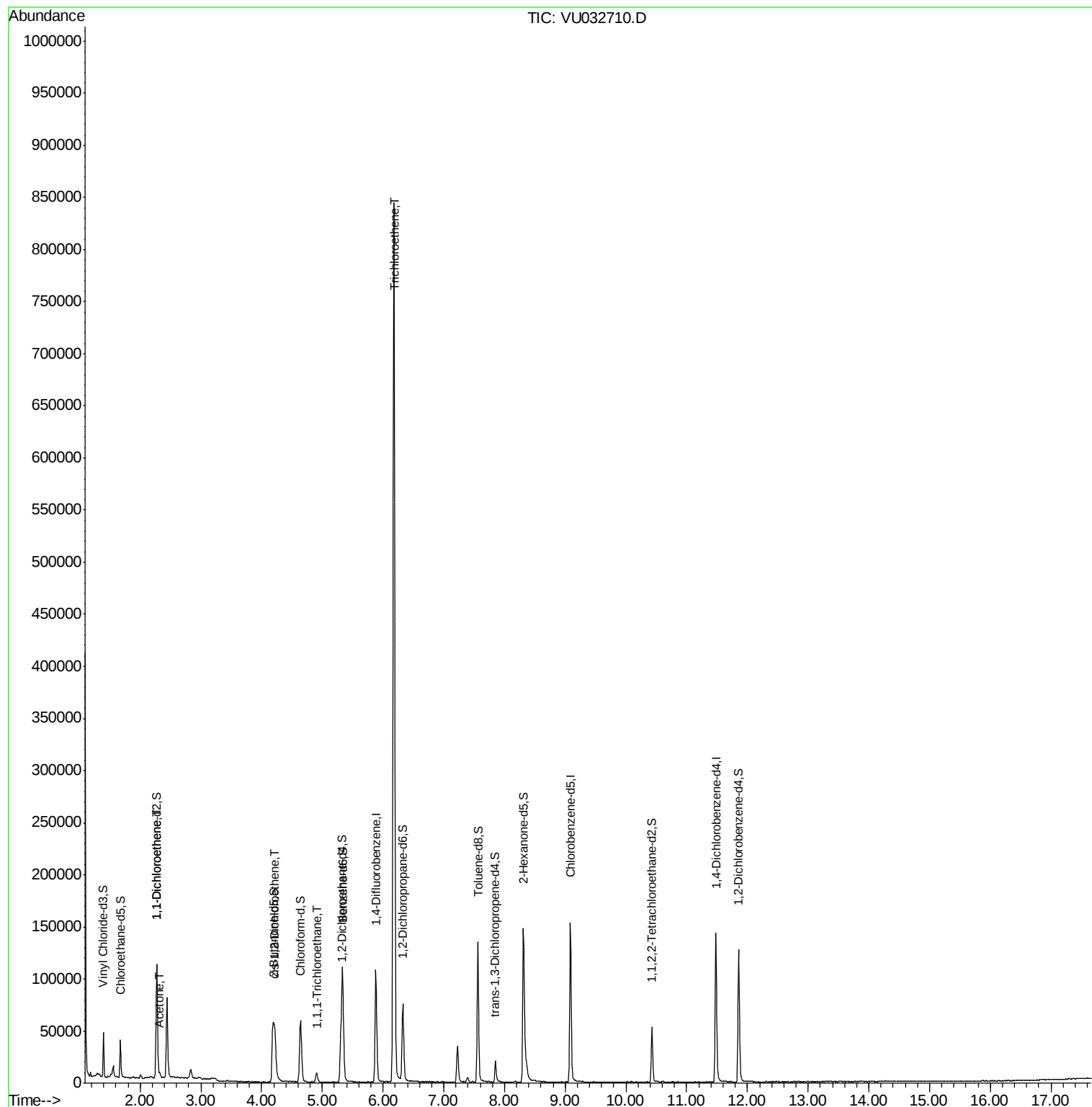
					Ovalue
12) 1,1-Dichloroethene	2.28	96	16590	2.891 ug/L	91
13) Acetone	2.32	43	4764	3.745 ug/L	99
22) cis-1,2-Dichloroethene	4.22	96	18856	2.691 ug/L	95
29) 1,1,1-Trichloroethane	4.90	97	6784	0.655 ug/L	96
34) Trichloroethene	6.18	95	280588	38.928 ug/L	99

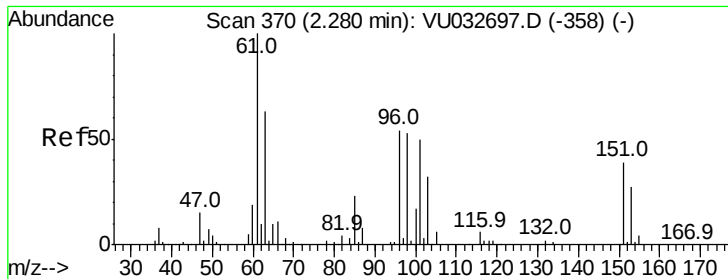
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 2.891 ug/L

RT: 2.28 min Scan# 371

Delta R.T. 0.00 min

Lab File: VU032710.D

Acq: 13 Jun 2019 21:46

Instrument :

MSVOA_U

ClientSampleId :

C0M31

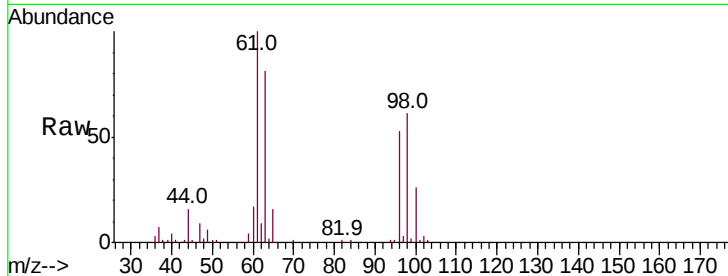
Tot Ion: 96 Resp: 16590

Ion Ratio Lower Upper

96 100

61 189.4 131.8 244.8

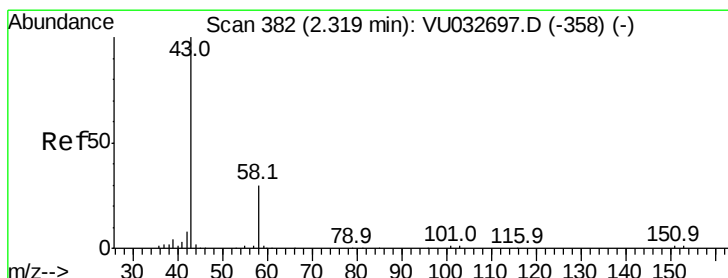
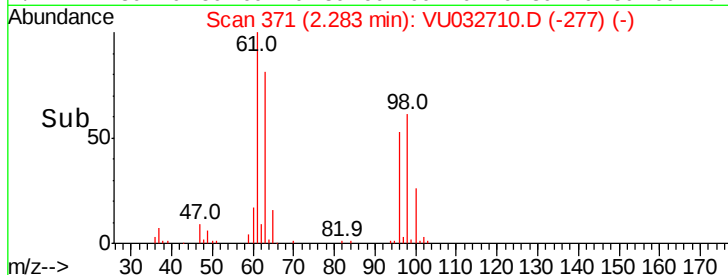
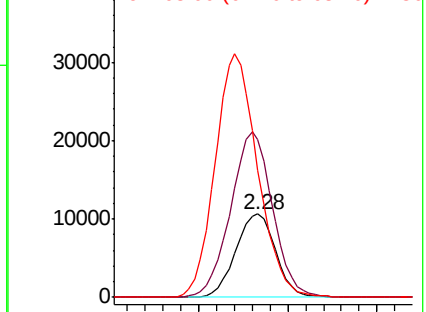
63 153.0 90.1 167.3



Abundance Ion 96.00 (95.70 to 96.70): VU032710.D (-277) (-)

Ion 61.05 (60.75 to 61.75): VU032710.D (-277) (-)

Ion 63.00 (62.70 to 63.70): VU032710.D (-277) (-)



#13

Acetone

Concen: 3.745 ug/L

RT: 2.32 min Scan# 382

Delta R.T. -0.00 min

Lab File: VU032710.D

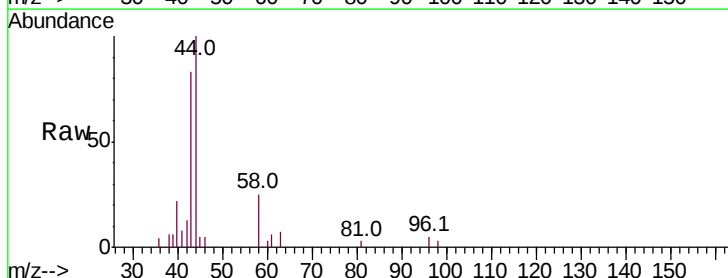
Acq: 13 Jun 2019 21:46

Tgt Ion: 43 Resp: 4764

Ion Ratio Lower Upper

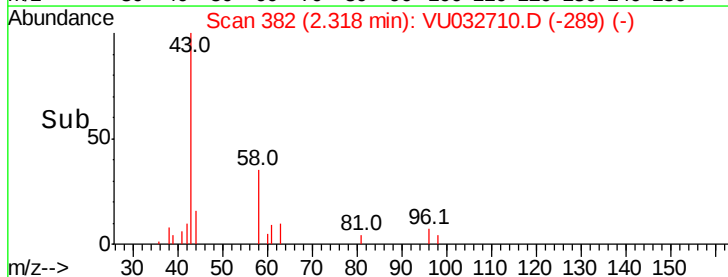
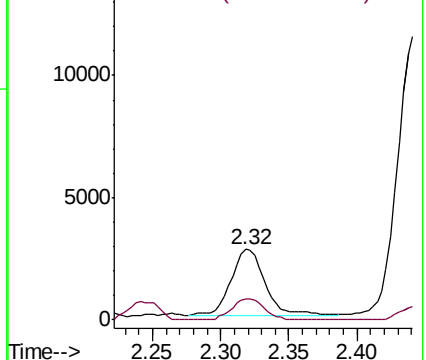
43 100

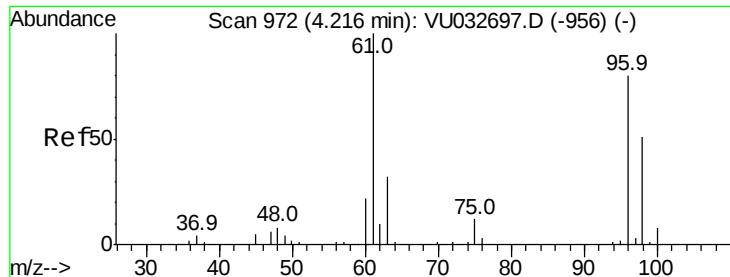
58 29.6 0.0 60.8



Abundance Ion 43.05 (42.75 to 43.75): VU032710.D (-289) (-)

Ion 58.05 (57.75 to 58.75): VU032710.D (-289) (-)



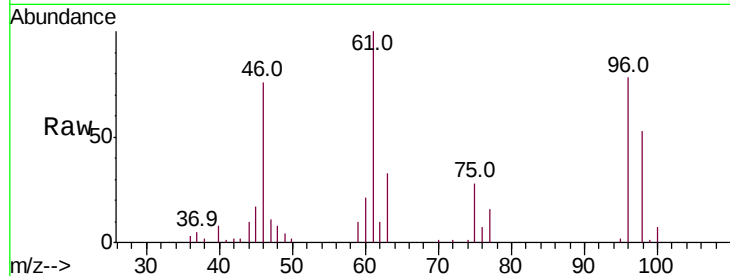


#22

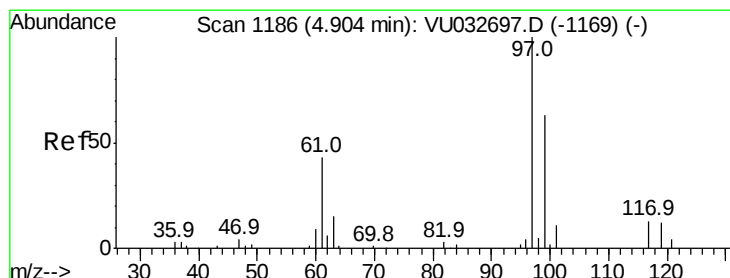
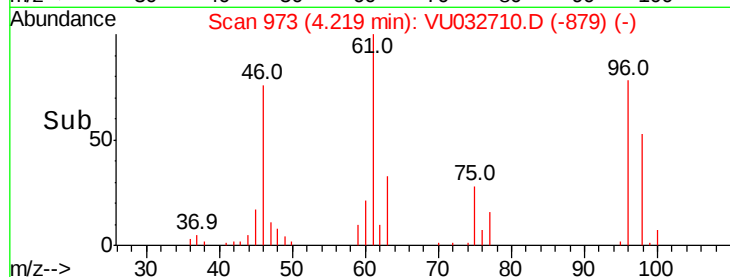
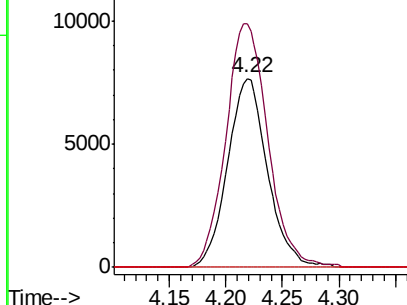
cis-1,2-Dichloroethene
Concen: 2.691 ug/L
RT: 4.22 min Scan# 973
Delta R.T. 0.00 min
Lab File: VU032710.D
Acq: 13 Jun 2019 21:46

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Tot Ion: 96 Resp: 18856
Ion Ratio Lower Upper
96 100
61 128.9 86.6 160.8
68 0.0 0.0 0.0



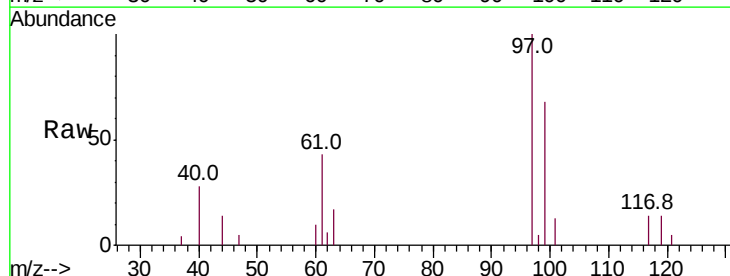
Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.05 (60.75 to 61.75): VU0
Ion 68.15 (67.85 to 68.85): VU0



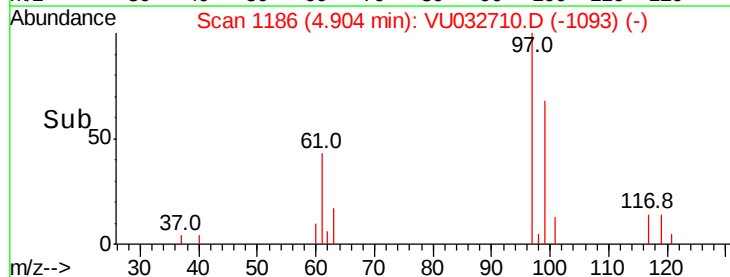
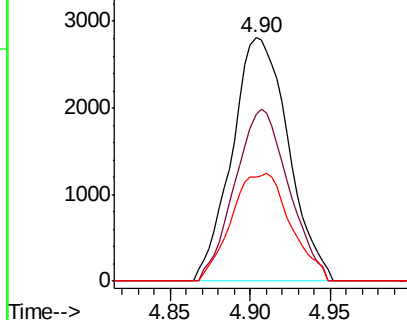
#29

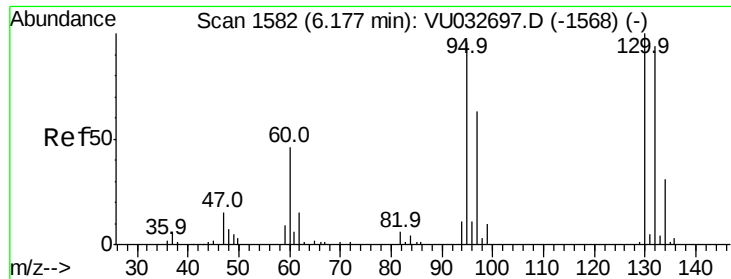
1,1,1-Trichloroethane
Concen: 0.655 ug/L
RT: 4.90 min Scan# 1186
Delta R.T. -0.00 min
Lab File: VU032710.D
Acq: 13 Jun 2019 21:46

Tgt Ion: 97 Resp: 6784
Ion Ratio Lower Upper
97 100
99 67.5 51.8 77.6
61 46.5 34.7 52.1



Abundance Ion 96.95 (96.65 to 97.65): VU0
Ion 99.05 (98.75 to 99.75): VU0
Ion 61.05 (60.75 to 61.75): VU0





#34

Trichloroethene

Concen: 38.928 ug/L

RT: 6.18 min Scan# 1583

Delta R.T. 0.00 min

Lab File: VU032710.D

Acq: 13 Jun 2019 21:46

Instrument :

MSVOA_U

ClientSampleId :

COM31

Tot Ion: 95 Resp: 280588

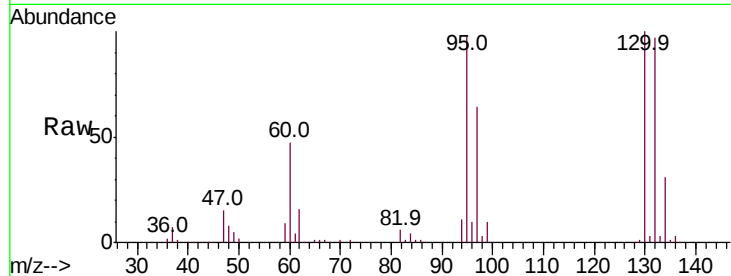
Ion Ratio Lower Upper

95 100

97 65.2 44.1 81.9

132 98.8 68.8 127.8

130 102.3 71.0 131.8



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

