

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U112219\
 Data File : VU035821.D
 Acq On : 22 Nov 2019 14:21
 Operator : JC/SP
 Sample : K5930-18 10X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 B0AD5

Quant Time: Nov 23 01:06:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR112119WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Nov 23 00:14:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	227607	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.46	117	270219	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	71808	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	129310	4.35	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.00%
7) Chloroethane-d5	1.94	69	125092	4.86	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.20%
11) 1,1-Dichloroethene-d2	2.60	63	175997	3.18	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.60%
20) 2-Butanone-d5	4.69	46	334461	48.61	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.22%
24) Chloroform-d	5.12	84	228717	4.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.80%
26) 1,2-Dichloroethane-d4	5.75	65	138611	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.00%
32) Benzene-d6	5.77	84	437478	4.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.80%
36) 1,2-Dichloropropane-d6	6.74	67	158699	4.57	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.40%
41) Toluene-d8	7.94	98	355061	3.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.60%
43) trans-1,3-Dichloropropene-	8.22	79	52106	3.85	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.00%
46) 2-Hexanone-d5	8.71	63	202674	37.30	ug/L	0.03
Spiked Amount	50.000	Range	45 - 130	Recovery	=	74.60%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	121012	4.14	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	82.80%
64) 1,2-Dichlorobenzene-d4	12.22	152	75833	4.86	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.20%

Target Compounds

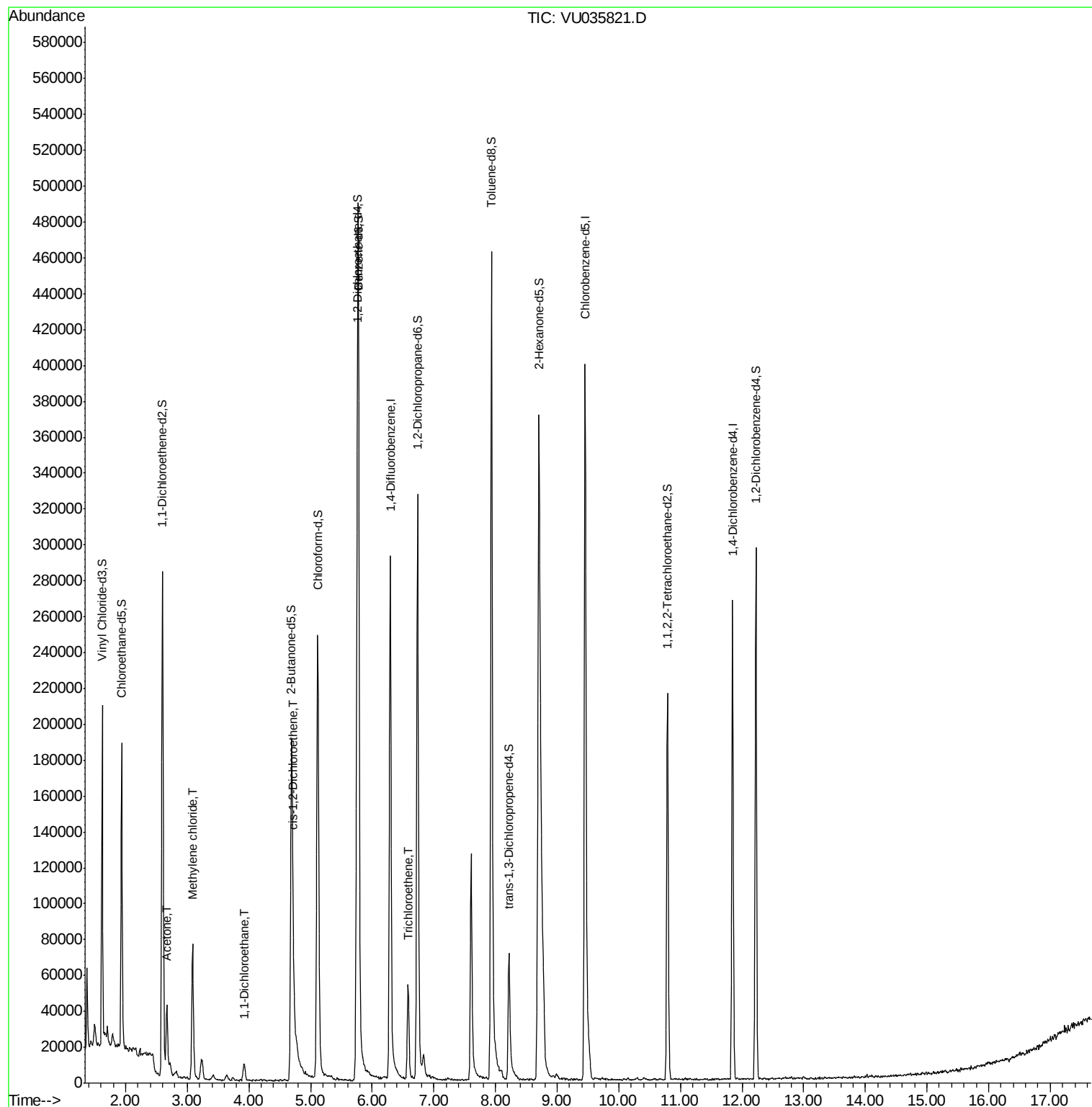
					Ovalue
13) Acetone	2.67	43	47818	7.913	ug/L 99
16) Methylene chloride	3.09	84	32371	1.131	ug/L 97
19) 1,1-Dichloroethane	3.93	63	10832	0.207	ug/L 98
22) cis-1,2-Dichloroethene	4.72	96	6479	0.249	ug/L 83
34) Trichloroethene	6.58	95	18781	0.679	ug/L 94

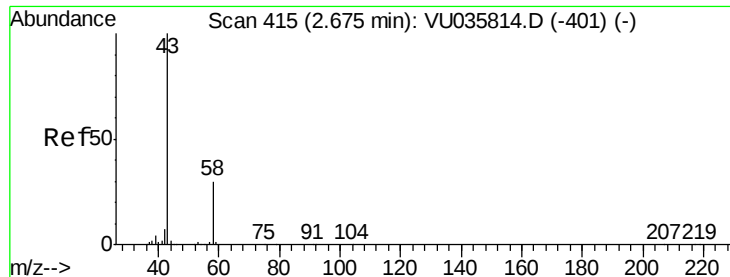
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 7.913 ug/L

RT: 2.67 min Scan# 413

Delta R.T. -0.01 min

Lab File: VU035821.D

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MSVOA_U

ClientSampleId :

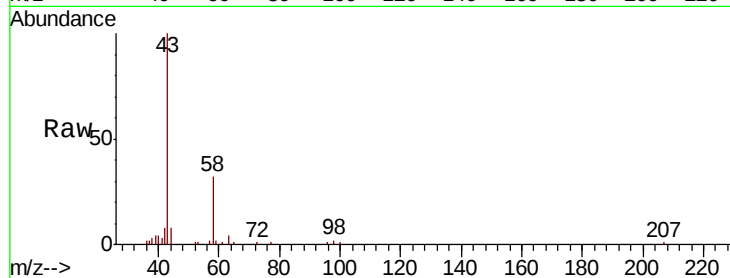
B0AD5

Tot Ion: 43 Resp: 47818

Ion Ratio Lower Upper

43 100 0.0 61.2

58 30.9 0.0 61.2



Abundance Ion 43.05 (42.75 to 43.75): VU035821.D (-401) (-)

Ion 58.05 (57.75 to 58.75): VU035821.D (-401) (-)

2.67

25000

20000

15000

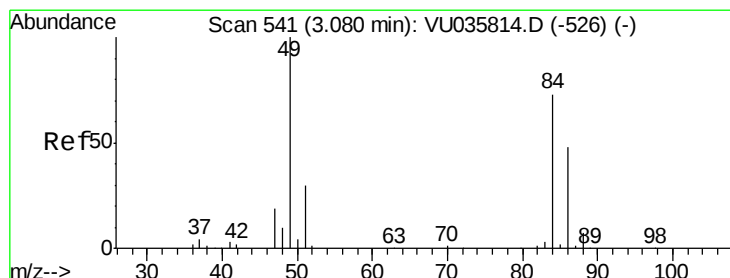
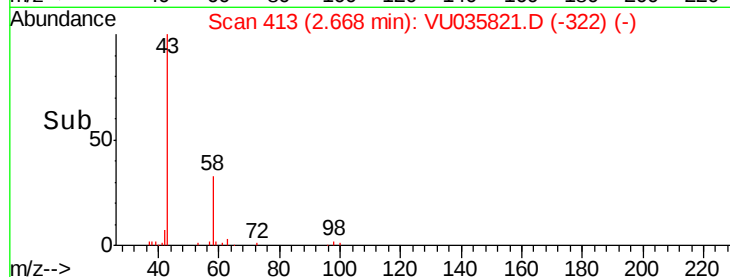
10000

5000

0

Time-->

2.60 2.70 2.80



#16

Methylene chloride

Concen: 1.131 ug/L

RT: 3.09 min Scan# 543

Delta R.T. 0.01 min

Lab File: VU035821.D

Acq: 22 Nov 2019 14:21

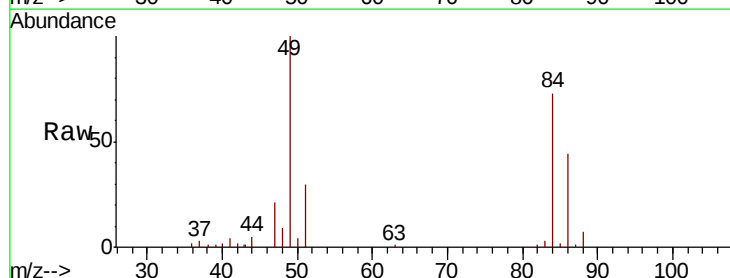
Tgt Ion: 84 Resp: 32371

Ion Ratio Lower Upper

84 100 44.4 82.5

86 59.5 44.4 82.5

49 136.3 94.0 174.6



Abundance Ion 84.05 (83.75 to 84.75): VU035821.D (-526) (-)

Ion 86.00 (85.70 to 86.70): VU035821.D (-526) (-)

Ion 49.10 (48.80 to 49.80): VU035821.D (-526) (-)

3.09

30000

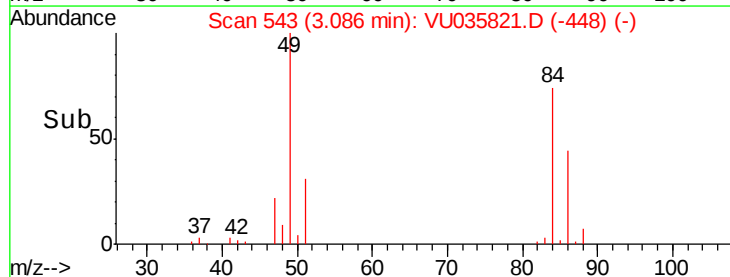
20000

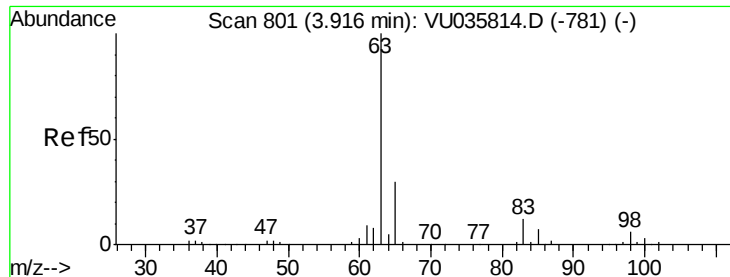
10000

0

Time-->

3.05 3.10 3.15

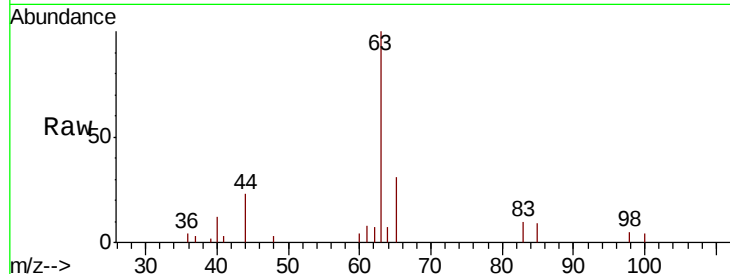




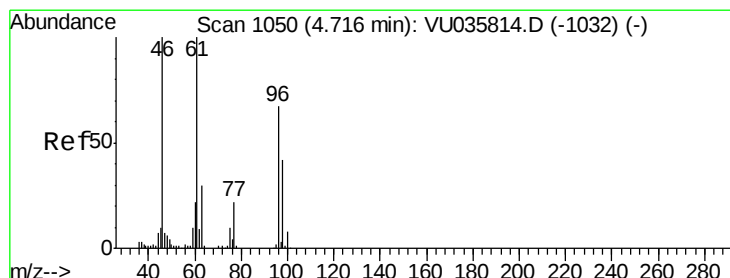
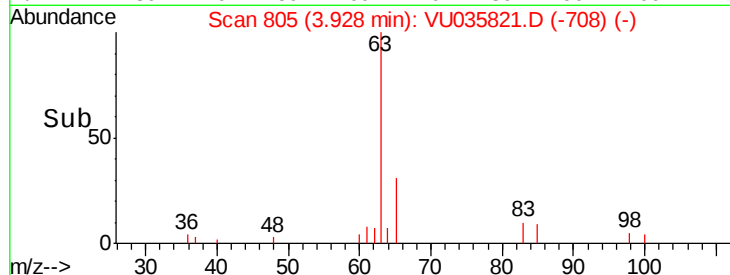
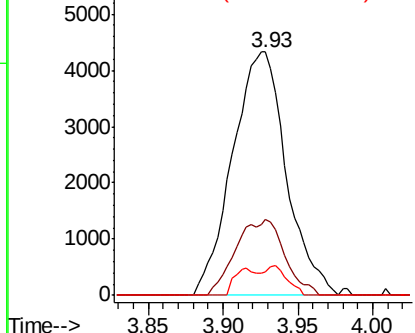
#19
 1,1-Dichloroethane
 Concen: 0.207 ug/L
 RT: 3.93 min Scan# 805
 Delta R.T. 0.01 min
 Lab File: VU035821.D
 Acq: 22 Nov 2019 14:21

Instrument :
 MSVOA_U
 ClientSampleId :
 B0AD5

Tot Ion: 63 Resp: 10832
 Ion Ratio Lower Upper
 63 100
 65 31.2 21.8 40.4
 83 9.6 8.6 16.0

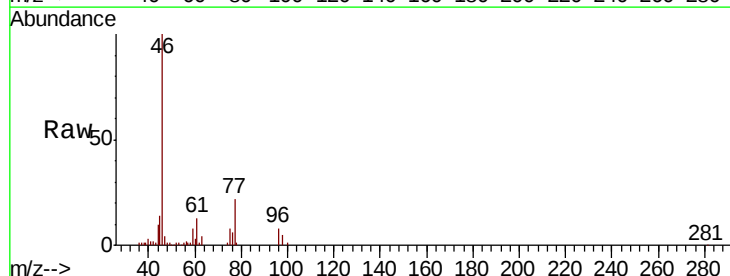


Abundance Ion 63.10 (62.80 to 63.80): VU0
 Ion 65.10 (64.80 to 65.80): VU0
 Ion 83.05 (82.75 to 83.75): VU0

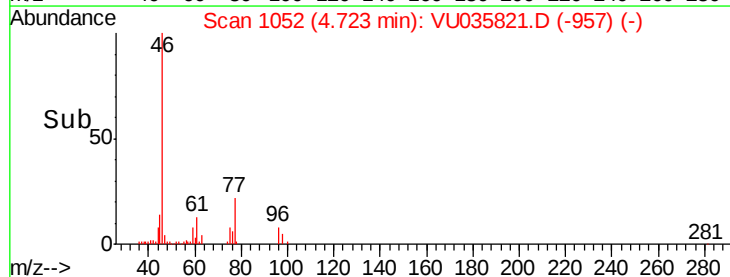
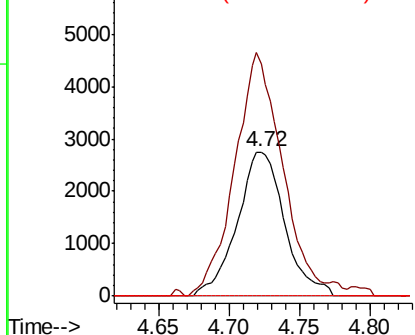


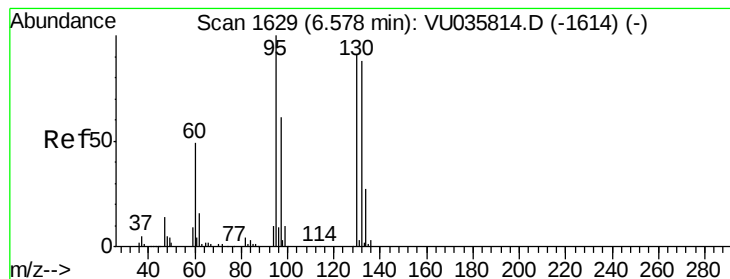
#22
 cis-1,2-Dichloroethene
 Concen: 0.249 ug/L
 RT: 4.72 min Scan# 1052
 Delta R.T. 0.01 min
 Lab File: VU035821.D
 Acq: 22 Nov 2019 14:21

Tgt Ion: 96 Resp: 6479
 Ion Ratio Lower Upper
 96 100
 61 160.9 98.1 182.1
 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





#34

Trichloroethene

Concen: 0.679 ug/L

RT: 6.58 min Scan# 1631

Delta R.T. 0.01 min

Lab File: VU035821.D

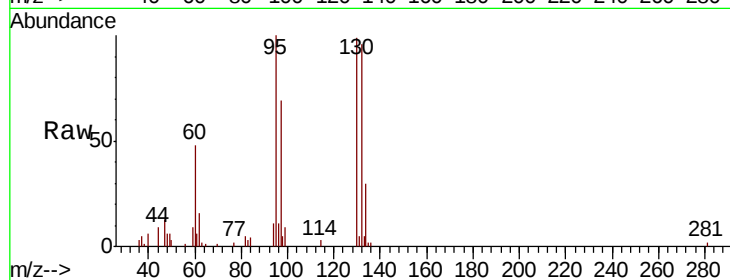
Acq: 22 Nov 2019 14:21

Instrument :

MSVOA_U

ClientSampleId :

B0AD5



Tot Ion: 95 Resp: 18781

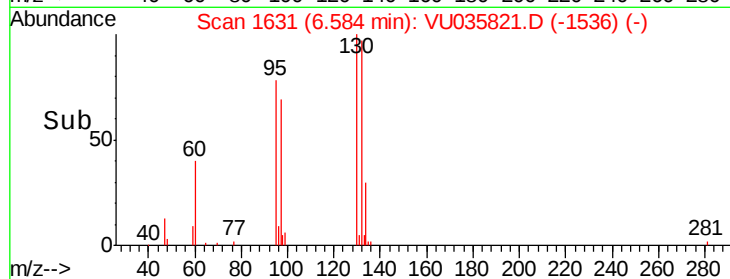
Ion Ratio Lower Upper

95 100

97 68.5 45.1 83.9

132 95.7 61.9 114.9

130 99.0 66.3 123.1



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

