

Data Path : W:\HPCHEM1\MSVOA U\DATA\VU050418\
 Data File : VU023654.D
 Acq On : 05 May 2018 01:44
 Operator : MD/SY
 Sample : J2630-19DL 100X
 Misc : 25mL/MSVOA U/WATER
 ALS Vial : 51 Sample Multiplier: 1

Quant Time: May 05 02:13:31 2018
 Quant Method : W:\HPCHEM1\MSVOA U\METHOD\SOMUTR050418WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat May 05 01:17:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	141357	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	143930	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	63269	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	45947	4.48	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.60%
7) Chloroethane-d5	1.68	69	39018	5.12	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.40%
11) 1,1-Dichloroethene-d2	2.27	63	65124	3.56	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.20%
20) 2-Butanone-d5	4.20	46	151563	51.09	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.18%
24) Chloroform-d	4.65	84	89263	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.20%
26) 1,2-Dichloroethane-d4	5.32	65	51382	5.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.40%
32) Benzene-d6	5.34	84	178546	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.60%
36) 1,2-Dichloropropane-d6	6.34	67	62391	4.96	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.20%
41) Toluene-d8	7.57	98	148151	4.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.60%
43) trans-1,3-Dichloropropene-	7.86	79	18611	4.01	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.20%
46) 2-Hexanone-d5	8.32	63	117578	49.53	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.06%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	49890	4.98	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.60%
64) 1,2-Dichlorobenzene-d4	11.87	152	62307	5.30	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.00%

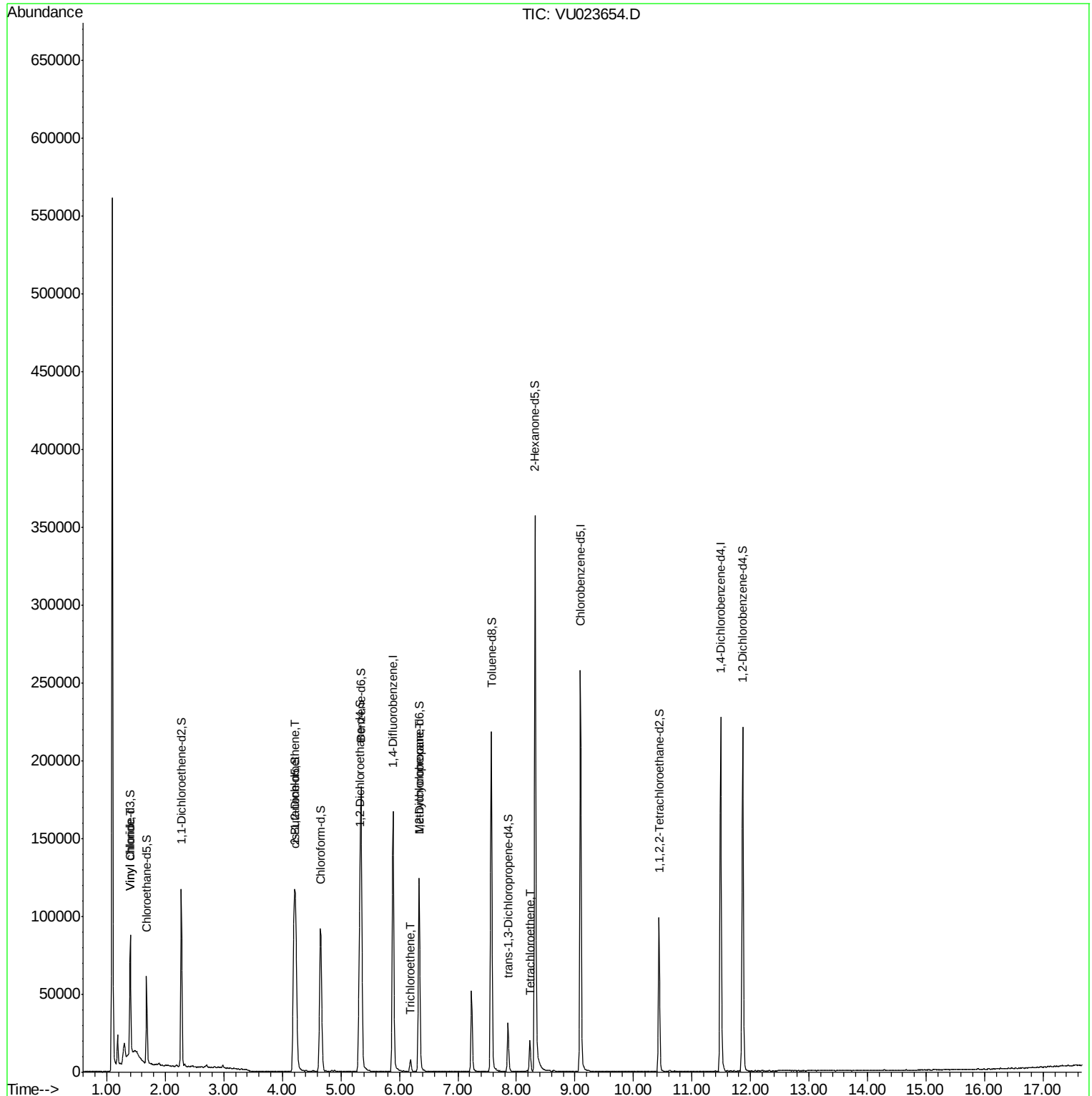
Target Compounds

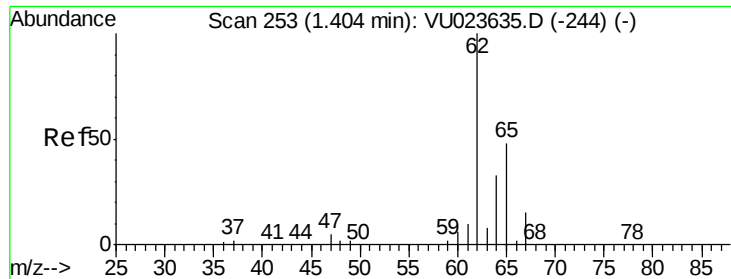
					Ovalue
5) Vinyl chloride	1.40	62	5535	0.42 ug/L	# 1
22) cis-1,2-Dichloroethene	4.23	96	41525	3.80 ug/L	98
34) Trichloroethene	6.19	95	2859	0.25 ug/L	89
35) Methylcyclohexane	6.34	83	14059	0.82 ug/L	# 16
47) Tetrachloroethene	8.23	164	5079	0.57 ug/L	95

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

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#5

Vinyl chloride

Concen: 0.42 ug/L

RT: 1.40 min Scan# 253

Delta R.T. -0.00 min

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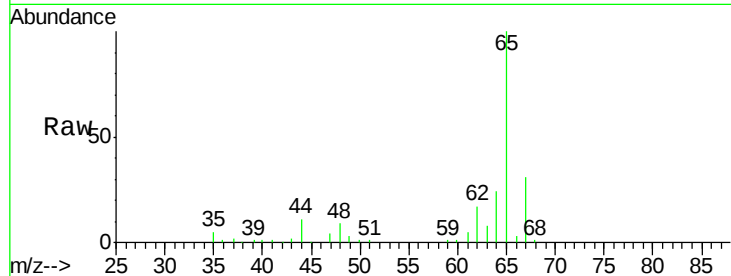
Acq: 05 May 2018 01:44

Tot Ion: 62 Resp: 5535

Ion Ratio Lower Upper

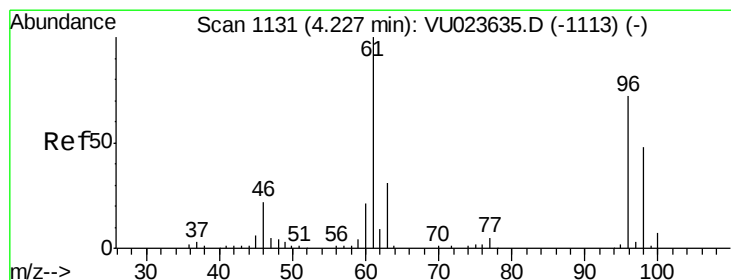
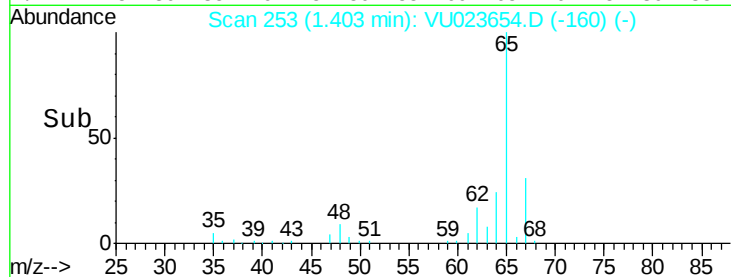
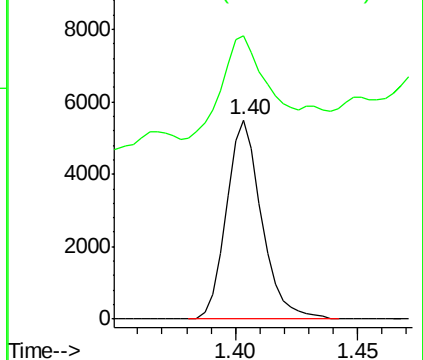
62 100

64 142.3 26.9 49.9#



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.10 (63.80 to 64.80): VU0



#22

cis-1,2-Dichloroethene

Concen: 3.80 ug/L

RT: 4.23 min Scan# 1132

Delta R.T. 0.00 min

Lab File: VU023654.D

Acq: 05 May 2018 01:44

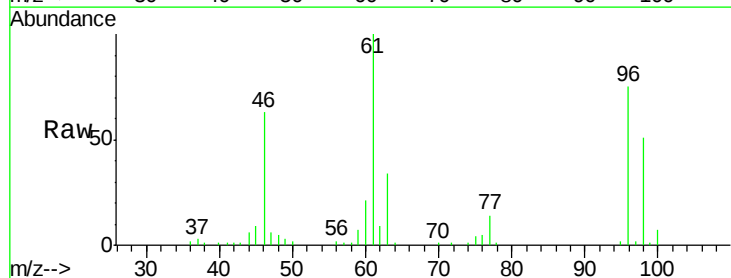
Tgt Ion: 96 Resp: 41525

Ion Ratio Lower Upper

96 100

61 132.6 94.6 175.6

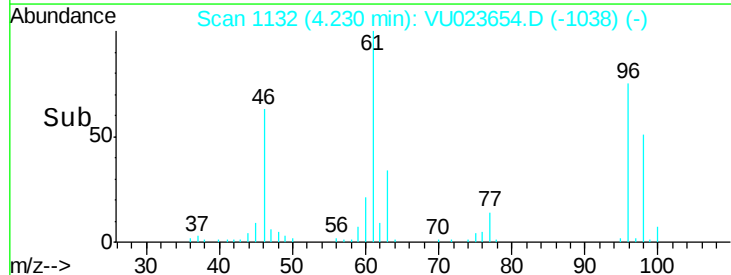
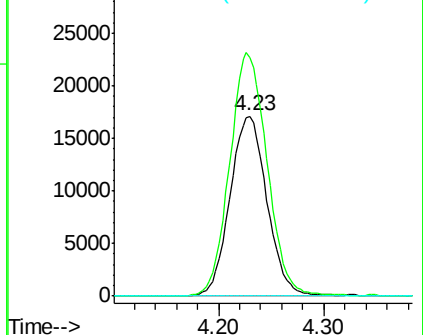
68 0.0 0.0 0.0

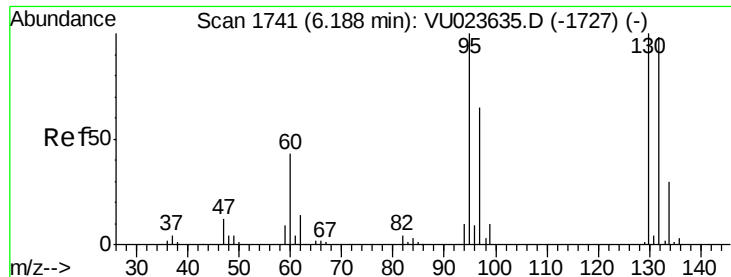


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

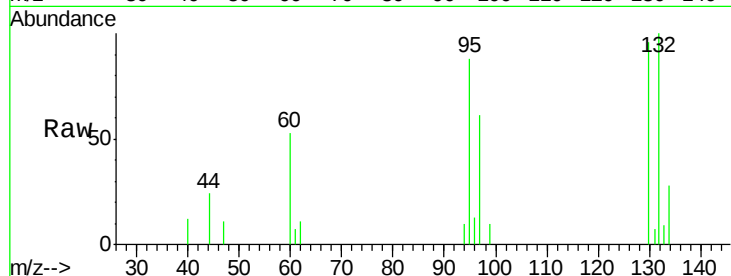
Ion 68.15 (67.85 to 68.85): VU0



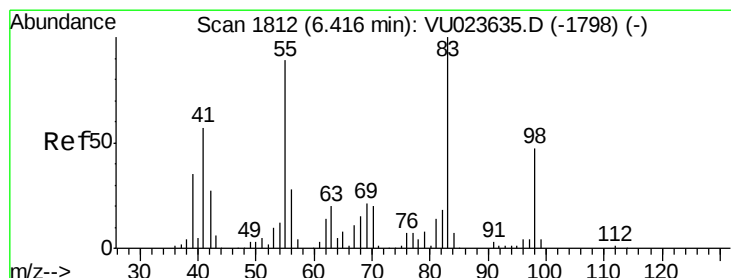
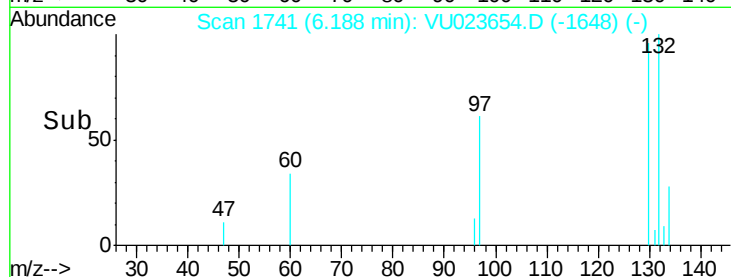
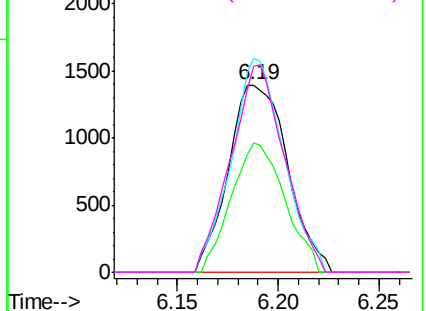


#34
 Trichloroethene
 Concen: 0.25 ug/L
 RT: 6.19 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VU023654.D
 Acq: 05 May 2018 01:44

Tot Ion:	95	Resp:	2859
Ion	Ratio	Lower	Upper
95	100		
97	69.0	46.0	85.4
132	114.0	68.1	126.5
130	109.7	70.1	130.1

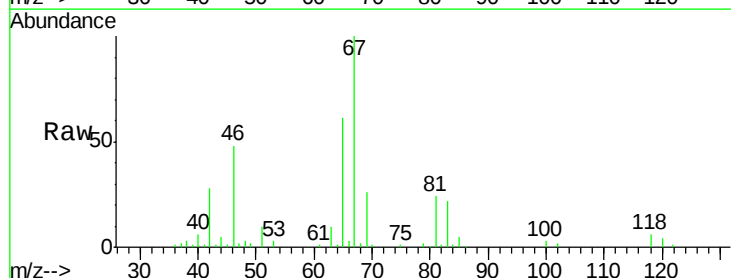


Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 96.95 (96.65 to 97.65): VU0
 Ion 131.95 (131.65 to 132.65): V
 Ion 129.95 (129.65 to 130.65): V

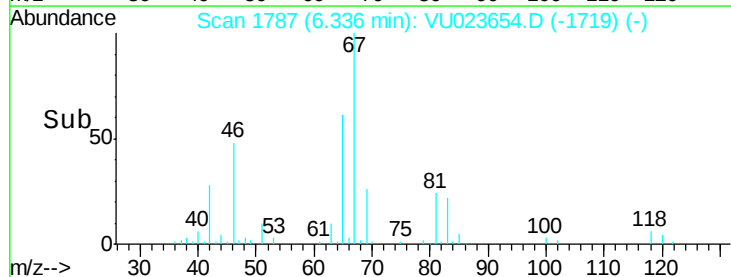
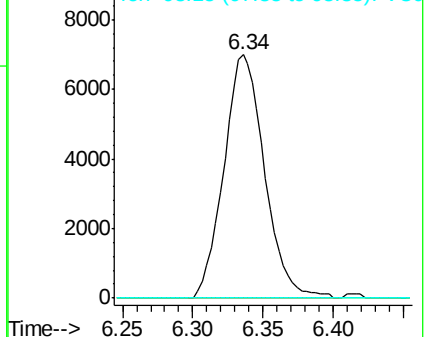


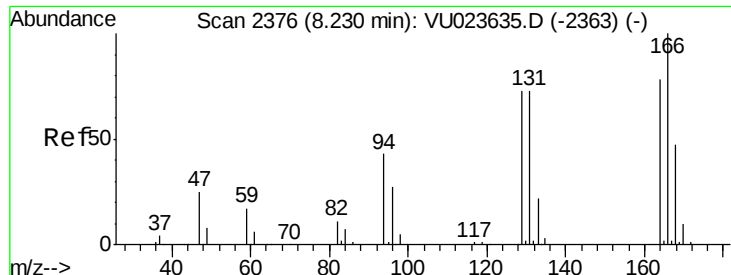
#35
 Methylcyclohexane
 Concen: 0.82 ug/L
 RT: 6.34 min Scan# 1787
 Delta R.T. -0.08 min
 Lab File: VU023654.D
 Acq: 05 May 2018 01:44

Tgt Ion:	83	Resp:	14059
Ion	Ratio	Lower	Upper
83	100		
55	0.0	68.4	102.6#
98	1.6	36.7	55.1#



Abundance Ion 83.15 (82.85 to 83.85): VU0
 Ion 55.10 (54.80 to 55.80): VU0
 Ion 98.15 (97.85 to 98.85): VU0





#47

Tetrachloroethene

Concen: 0.57 ug/L

RT: 8.23 min Scan# 2377

Delta R.T. 0.00 min

Lab File: VU023654.D

Acq: 05 May 2018 01:44

Tot Ion:164 Resp: 5079

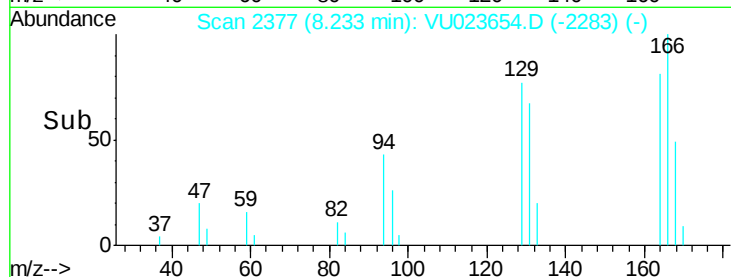
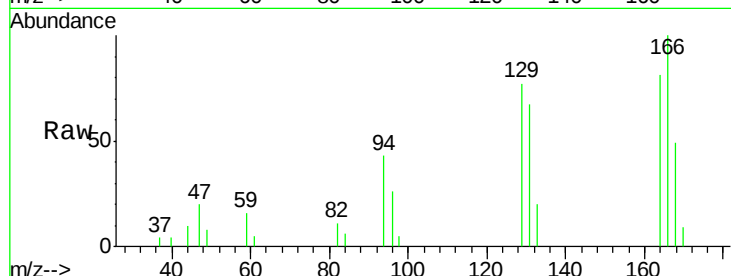
Ion Ratio Lower Upper

164 100

129 95.9 64.4 119.6

131 83.6 63.9 118.7

166 124.2 90.0 167.2



Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V

