

Data Path : W:\HPCHEM1\MSVOA U\DATA\VU050518\
 Data File : VU023664.D
 Acq On : 05 May 2018 13:17
 Operator : MD/SY
 Sample : J2630-05DL 5X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Quant Time: May 06 01:15:15 2018
 Quant Method : W:\HPCHEM1\MSVOA U\METHOD\SOMUTR050418WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sun May 06 01:00:29 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	143359	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	144072	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	63734	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	45539	4.38	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.60%
7) Chloroethane-d5	1.68	69	37624	4.87	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.40%
11) 1,1-Dichloroethene-d2	2.27	63	64709	3.49	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.80%
20) 2-Butanone-d5	4.20	46	133996	44.54	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.08%
24) Chloroform-d	4.65	84	91021	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.60%
26) 1,2-Dichloroethane-d4	5.31	65	48809	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.60%
32) Benzene-d6	5.34	84	179037	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.80%
36) 1,2-Dichloropropane-d6	6.34	67	61360	4.87	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.40%
41) Toluene-d8	7.57	98	146781	4.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.60%
43) trans-1,3-Dichloropropene-	7.86	79	19064	4.11	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.20%
46) 2-Hexanone-d5	8.32	63	101772	42.83	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.66%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	45224	4.51	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.20%
64) 1,2-Dichlorobenzene-d4	11.87	152	60003	5.06	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.20%

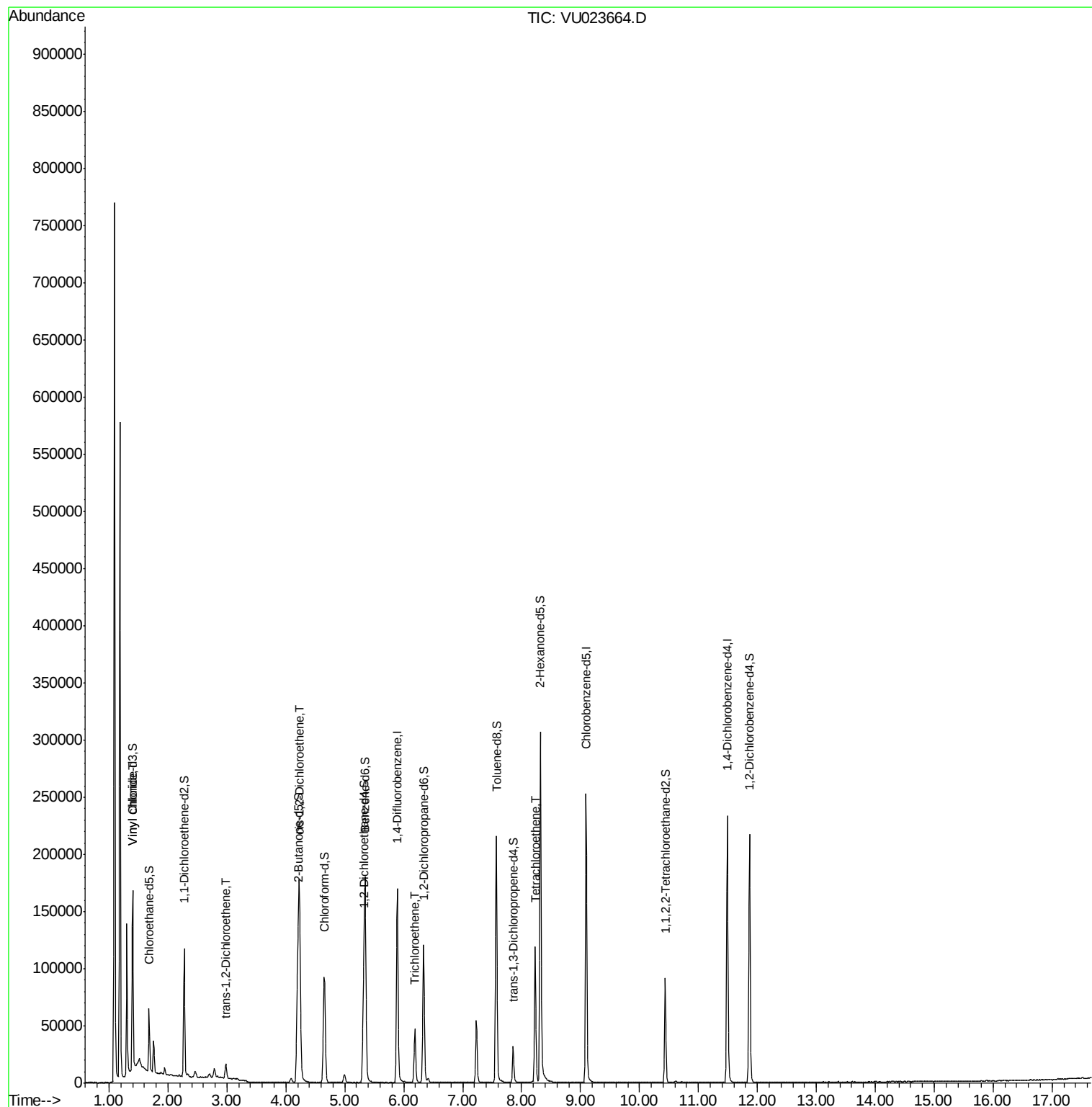
Target Compounds

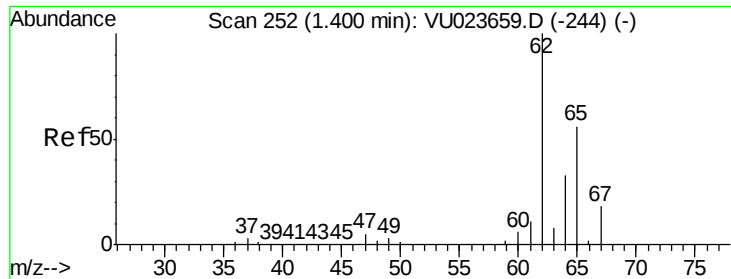
					Ovalue
5) Vinyl chloride	1.40	62	8410	0.63	ug/L # 1
18) trans-1,2-Dichloroethene	2.98	96	4206	0.45	ug/L 93
22) cis-1,2-Dichloroethene	4.23	96	83096	7.50	ug/L 99
34) Trichloroethene	6.19	95	16999	1.50	ug/L 99
47) Tetrachloroethene	8.23	164	27368	3.06	ug/L 97

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

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#5

Vinyl chloride

Concen: 0.63 ug/L

RT: 1.40 min Scan# 252

Delta R.T. -0.00 min

Lab File: VU023664.D

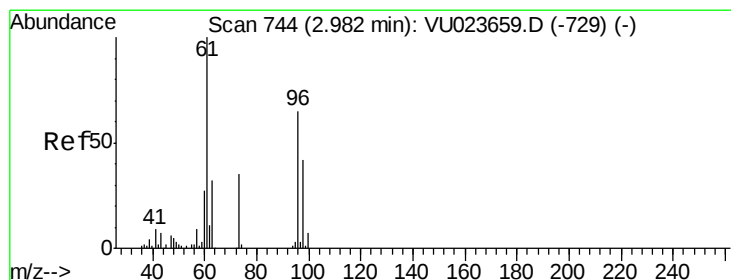
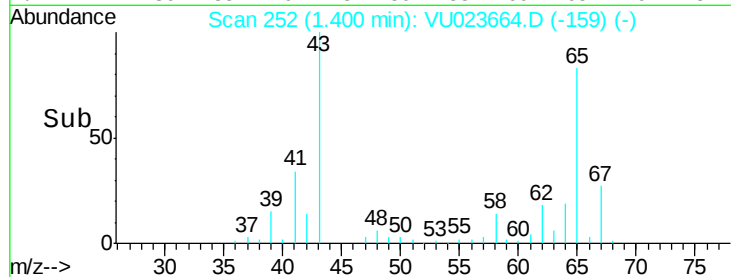
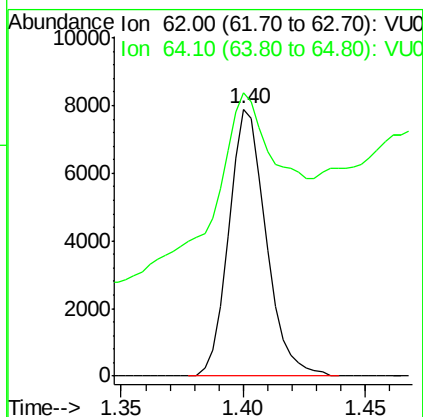
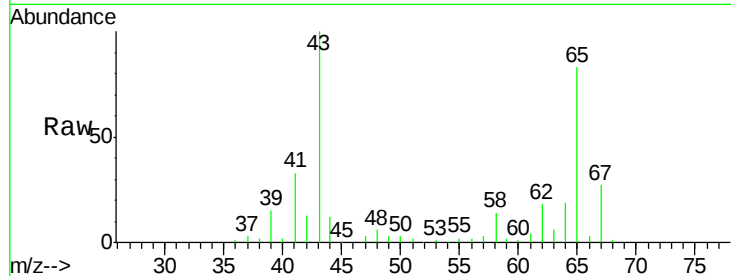
Acq: 05 May 2018 13:17

Tot Ion: 62 Resp: 8410

Ion Ratio Lower Upper

62 100

64 105.9 26.9 49.9#



#18

trans-1,2-Dichloroethene

Concen: 0.45 ug/L

RT: 2.98 min Scan# 743

Delta R.T. -0.00 min

Lab File: VU023664.D

Acq: 05 May 2018 13:17

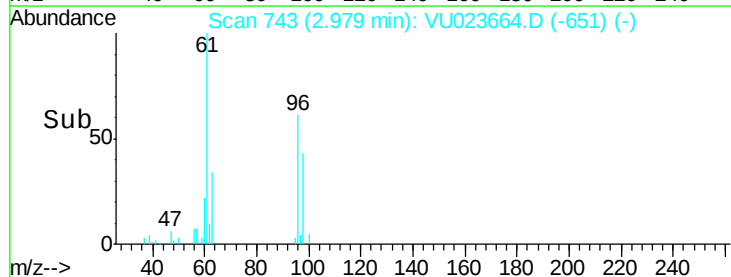
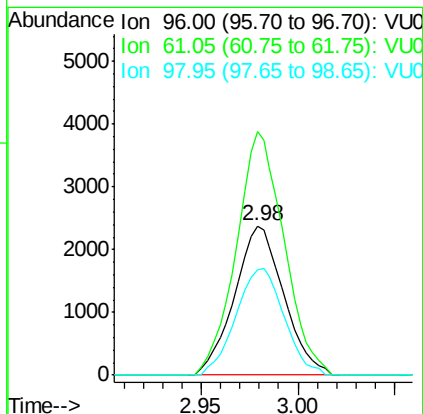
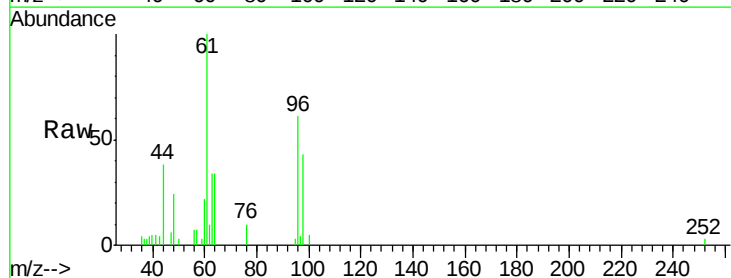
Tgt Ion: 96 Resp: 4206

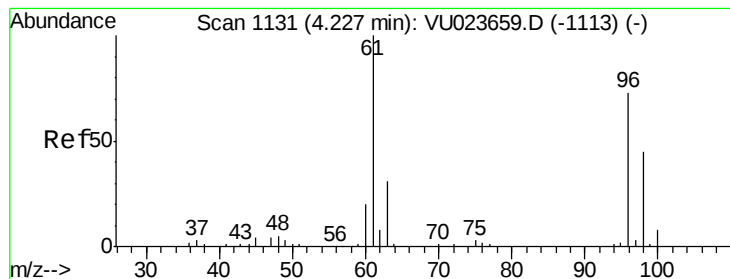
Ion Ratio Lower Upper

96 100

61 163.5 109.0 202.4

98 70.7 44.7 83.1





#22

cis-1,2-Dichloroethene

Concen: 7.50 ug/L

RT: 4.23 min Scan# 1132

Delta R.T. 0.00 min

Lab File: VU023664.D

Acq: 05 May 2018 13:17

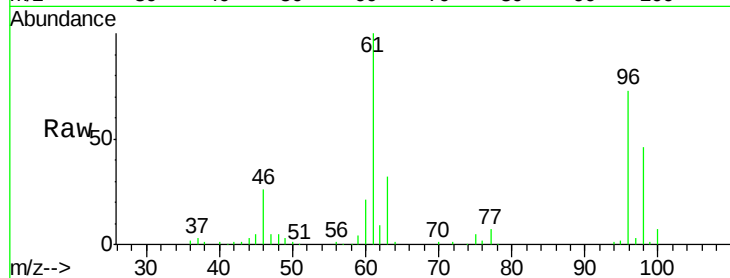
Tot Ion: 96 Resp: 83096

Ion Ratio Lower Upper

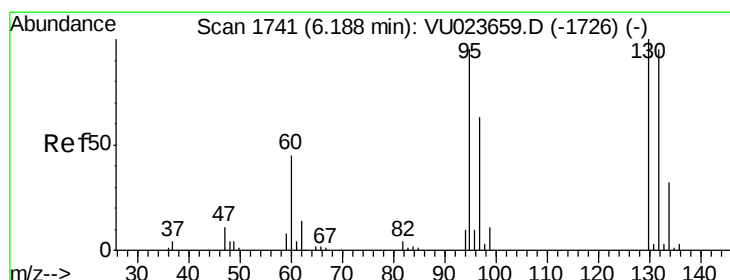
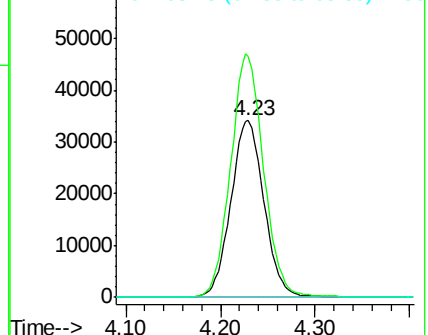
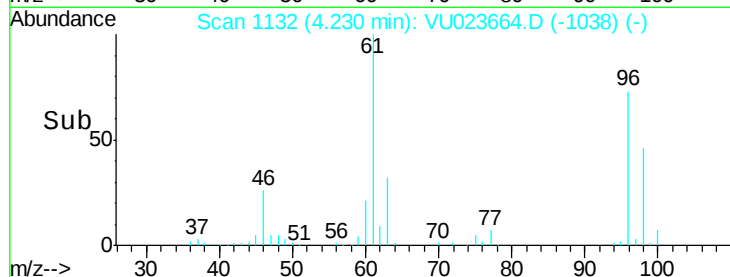
96 100

61 136.7 94.6 175.6

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU023659.D (-1113) (-)



#34

Trichloroethene

Concen: 1.50 ug/L

RT: 6.19 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VU023664.D

Acq: 05 May 2018 13:17

Tgt Ion: 95 Resp: 16999

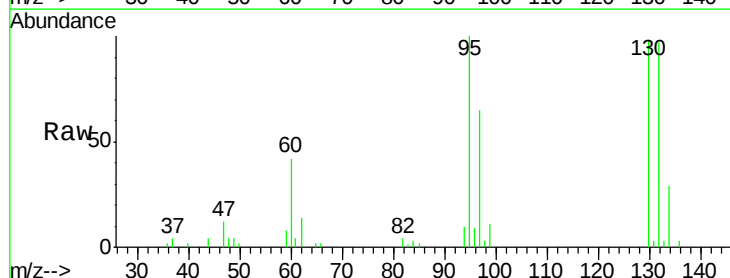
Ion Ratio Lower Upper

95 100

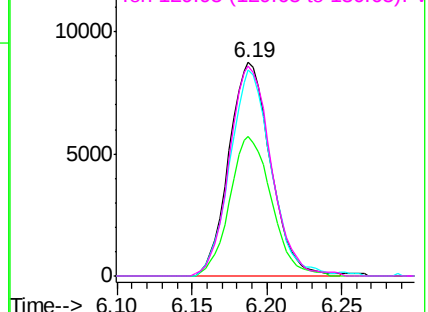
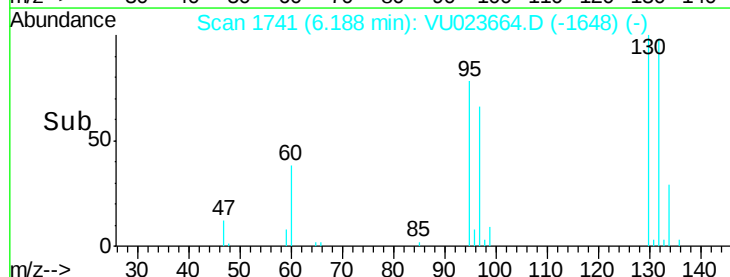
97 65.1 46.0 85.4

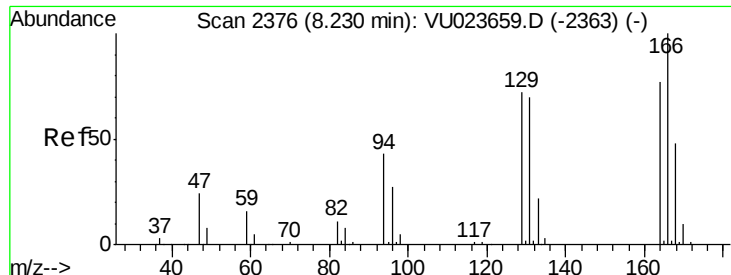
132 96.6 68.1 126.5

130 98.3 70.1 130.1



Abundance Ion 95.00 (94.70 to 95.70): VU023659.D (-1726) (-)





#47

Tetrachloroethene

Concen: 3.06 ug/L

RT: 8.23 min Scan# 2376

Delta R.T. -0.00 min

Lab File: VU023664.D

Acq: 05 May 2018 13:17

Tot Ion:164 Resp: 27368

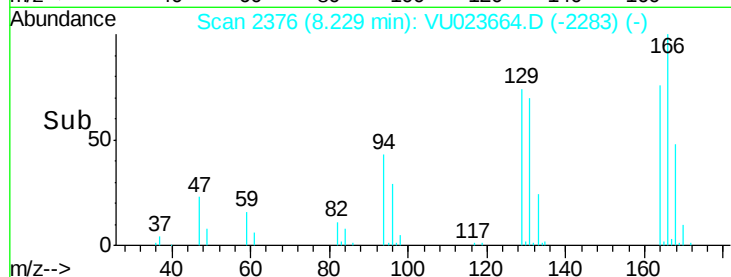
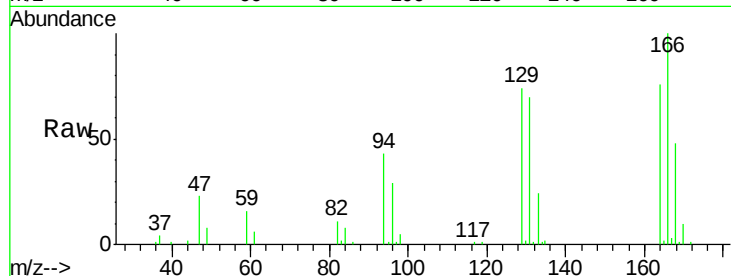
Ion Ratio Lower Upper

164 100

129 97.4 64.4 119.6

131 92.4 63.9 118.7

166 131.6 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

