

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U062220\
 Data File : VU039029.D
 Acq On : 23 Jun 2020 01:06
 Operator : SY/MD
 Sample : L3073-05
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9L45

Quant Time: Jun 23 03:51:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR062220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jun 23 01:25:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	248366	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	258213	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	111372	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	117677	5.77	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	115.40%
7) Chloroethane-d5	1.93	69	90112	6.17	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	123.40%
11) 1,1-Dichloroethene-d2	2.59	63	169544	4.42	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.40%
20) 2-Butanone-d5	4.67	46	378036	56.91	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.82%
24) Chloroform-d	5.10	84	177522	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.60%
26) 1,2-Dichloroethane-d4	5.74	65	128569	5.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	116.80%
32) Benzene-d6	5.76	84	424531	5.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	111.20%
36) 1,2-Dichloropropane-d6	6.72	67	136974	5.46	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	109.20%
41) Toluene-d8	7.92	98	327741	5.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.40%
43) trans-1,3-Dichloropropene-	8.20	79	53948	4.99	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.80%
46) 2-Hexanone-d5	8.65	63	292187	55.58	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	111.16%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	120384	5.41	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.20%
64) 1,2-Dichlorobenzene-d4	12.20	152	131895	6.09	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	121.80%#

Target Compounds

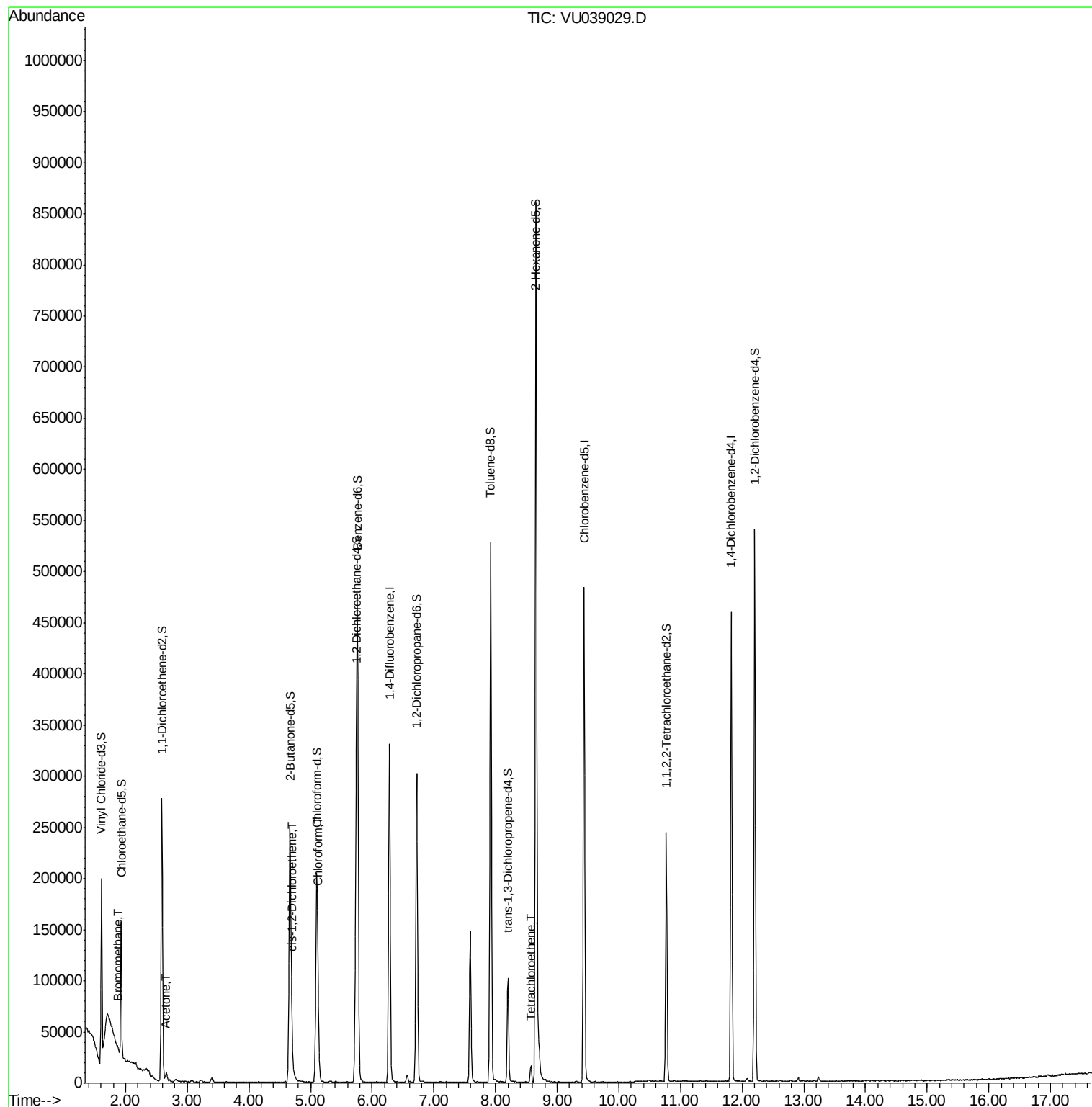
				Ovalue
6) Bromomethane	1.87	94	750	0.124 ug/L 82
13) Acetone	2.66	43	9421	2.248 ug/L 96
22) cis-1,2-Dichloroethene	4.70	96	2980	0.145 ug/L 97
25) Chloroform	5.12	83	38063	0.967 ug/L 100
47) Tetrachloroethene	8.57	164	3663	0.250 ug/L 90

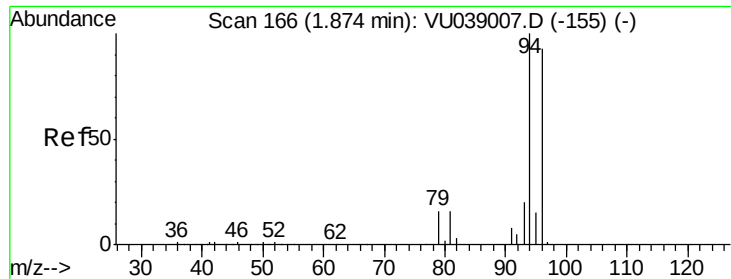
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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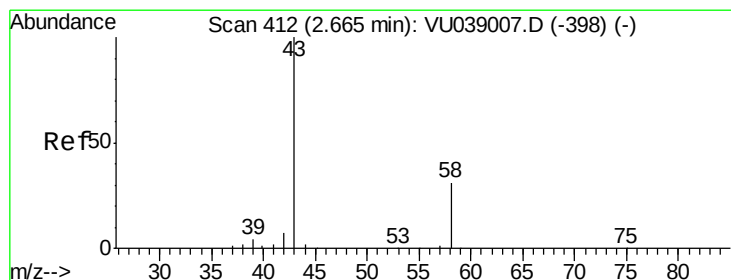
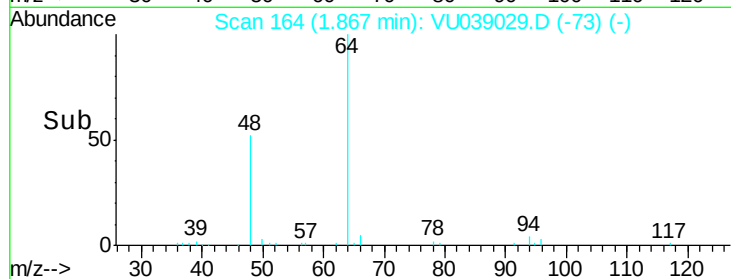
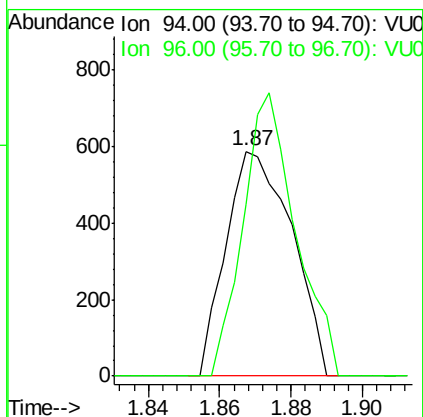
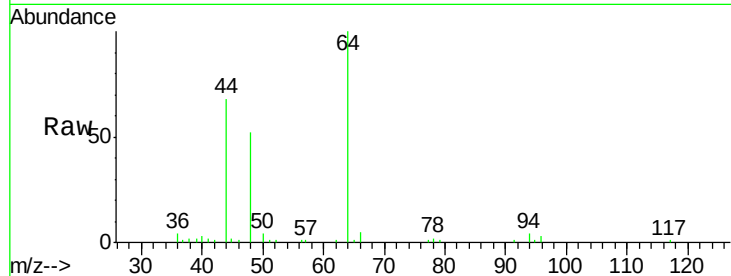




#6
Bromomethane
Concen: 0.124 ug/L
RT: 1.87 min Scan# 164
Delta R.T. -0.01 min
Lab File: VU039029.D
Acq: 23 Jun 2020 01:06

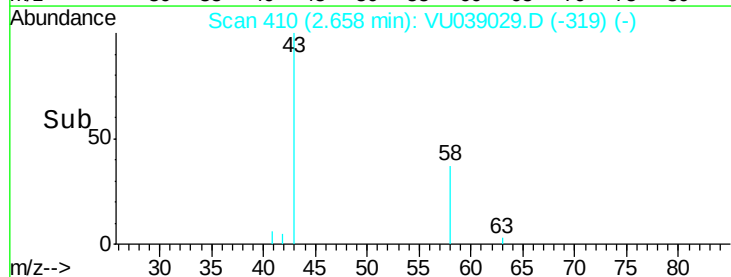
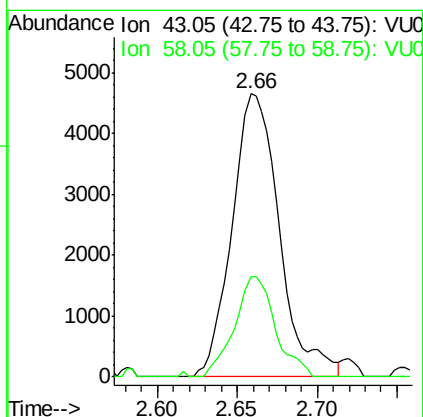
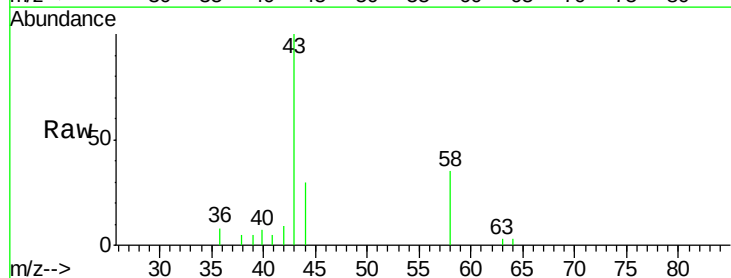
Instrument :
MSVOA_U
ClientSampled :
F9L45

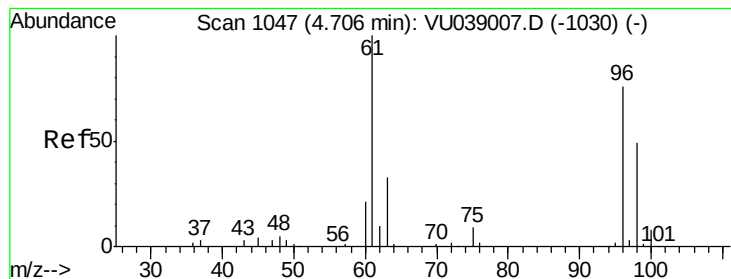
Tot Ion: 94 Resp: 750
Ion Ratio Lower Upper
94 100
96 76.5 65.5 121.7



#13
Acetone
Concen: 2.248 ug/L
RT: 2.66 min Scan# 410
Delta R.T. -0.01 min
Lab File: VU039029.D
Acq: 23 Jun 2020 01:06

Tgt Ion: 43 Resp: 9421
Ion Ratio Lower Upper
43 100
58 30.4 0.0 64.8





#22

cis-1,2-Dichloroethene

Concen: 0.145 ug/L

RT: 4.70 min Scan# 1046

Delta R.T. -0.00 min

Lab File: VU039029.D

Acq: 23 Jun 2020 01:06

Instrument :

MSVOA_U

ClientSampled :

F9L45

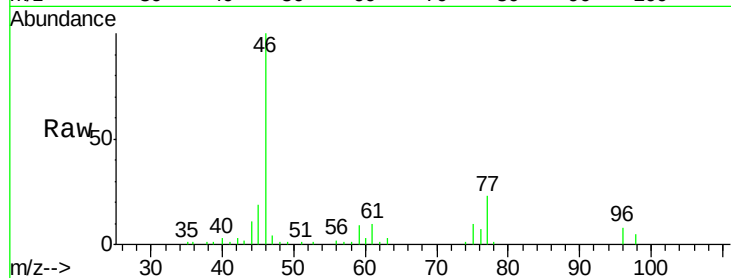
Tot Ion: 96 Resp: 2980

Ion Ratio Lower Upper

96 100

61 135.1 92.0 170.8

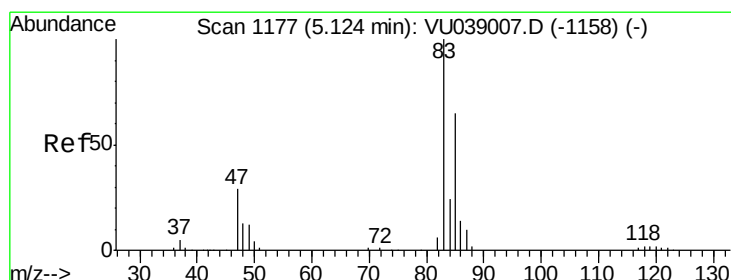
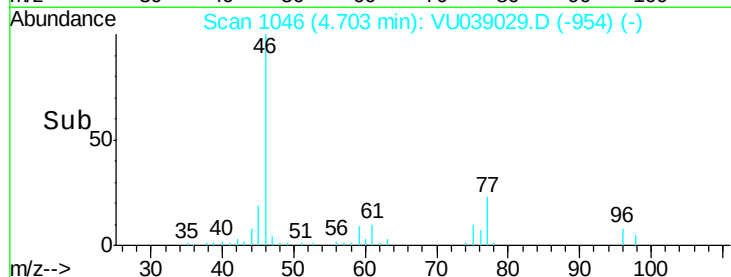
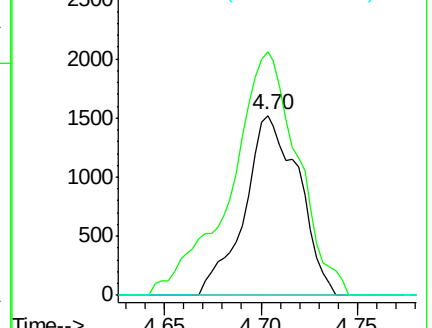
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU039007.D (-1030) (-)

Ion 61.05 (60.75 to 61.75): VU039007.D (-1030) (-)

Ion 68.15 (67.85 to 68.85): VU039007.D (-1030) (-)



#25

Chloroform

Concen: 0.967 ug/L

RT: 5.12 min Scan# 1177

Delta R.T. 0.00 min

Lab File: VU039029.D

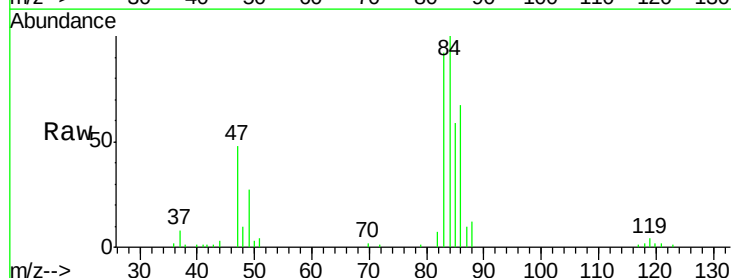
Acq: 23 Jun 2020 01:06

Tgt Ion: 83 Resp: 38063

Ion Ratio Lower Upper

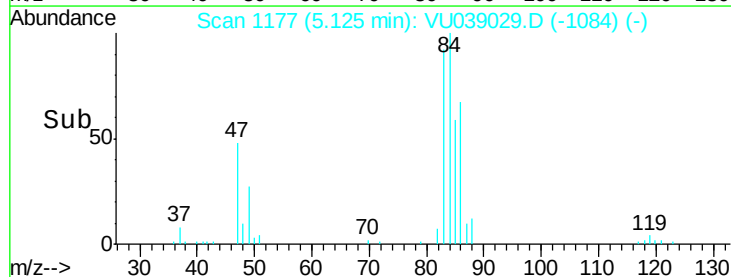
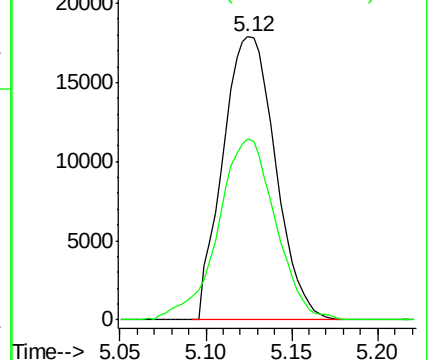
83 100

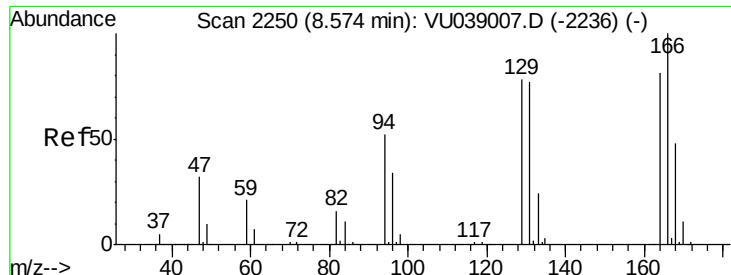
85 64.1 44.9 83.5



Abundance Ion 83.05 (82.75 to 83.75): VU039007.D (-1158) (-)

Ion 85.00 (84.70 to 85.70): VU039007.D (-1158) (-)





#47

Tetrachloroethene

Concen: 0.250 ug/L

RT: 8.57 min Scan# 2249

Delta R.T. -0.00 min

Lab File: VU039029.D

Acq: 23 Jun 2020 01:06

Instrument :

MSVOA_U

ClientSampleId :

F9L45

Tot Ion:164 Resp: 3663

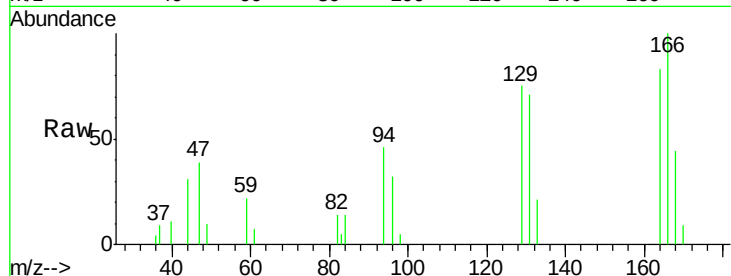
Ion Ratio Lower Upper

164 100

129 89.6 69.2 128.6

131 85.0 66.9 124.3

166 120.1 93.0 172.8



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

