

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV042419\
 Data File : VV010461.D
 Acq On : 24 Apr 2019 14:36
 Operator : SY/MD
 Sample : K2428-21
 Misc : 25mL/MSVOA V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0X30

Quant Time: Apr 25 09:37:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042419WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Apr 25 02:19:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	233841	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	232547	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	109109	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	56311	4.13	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.60%
7) Chloroethane-d5	1.59	69	45858	4.49	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.80%
11) 1,1-Dichloroethene-d2	2.13	63	84363	3.20	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.00%
20) 2-Butanone-d5	3.95	46	156157	54.03	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.06%
24) Chloroform-d	4.40	84	122112	4.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.40%
26) 1,2-Dichloroethane-d4	5.09	65	72695	5.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.20%
32) Benzene-d6	5.10	84	259096	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.40%
36) 1,2-Dichloropropane-d6	6.12	67	79247	4.87	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.40%
41) Toluene-d8	7.36	98	246488	4.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.80%
43) trans-1,3-Dichloropropene-	7.67	79	24873	3.87	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.40%
46) 2-Hexanone-d5	8.14	63	122970	50.17	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.34%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	59893	4.95	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.00%
64) 1,2-Dichlorobenzene-d4	11.68	152	104543	5.18	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.60%

Target Compounds

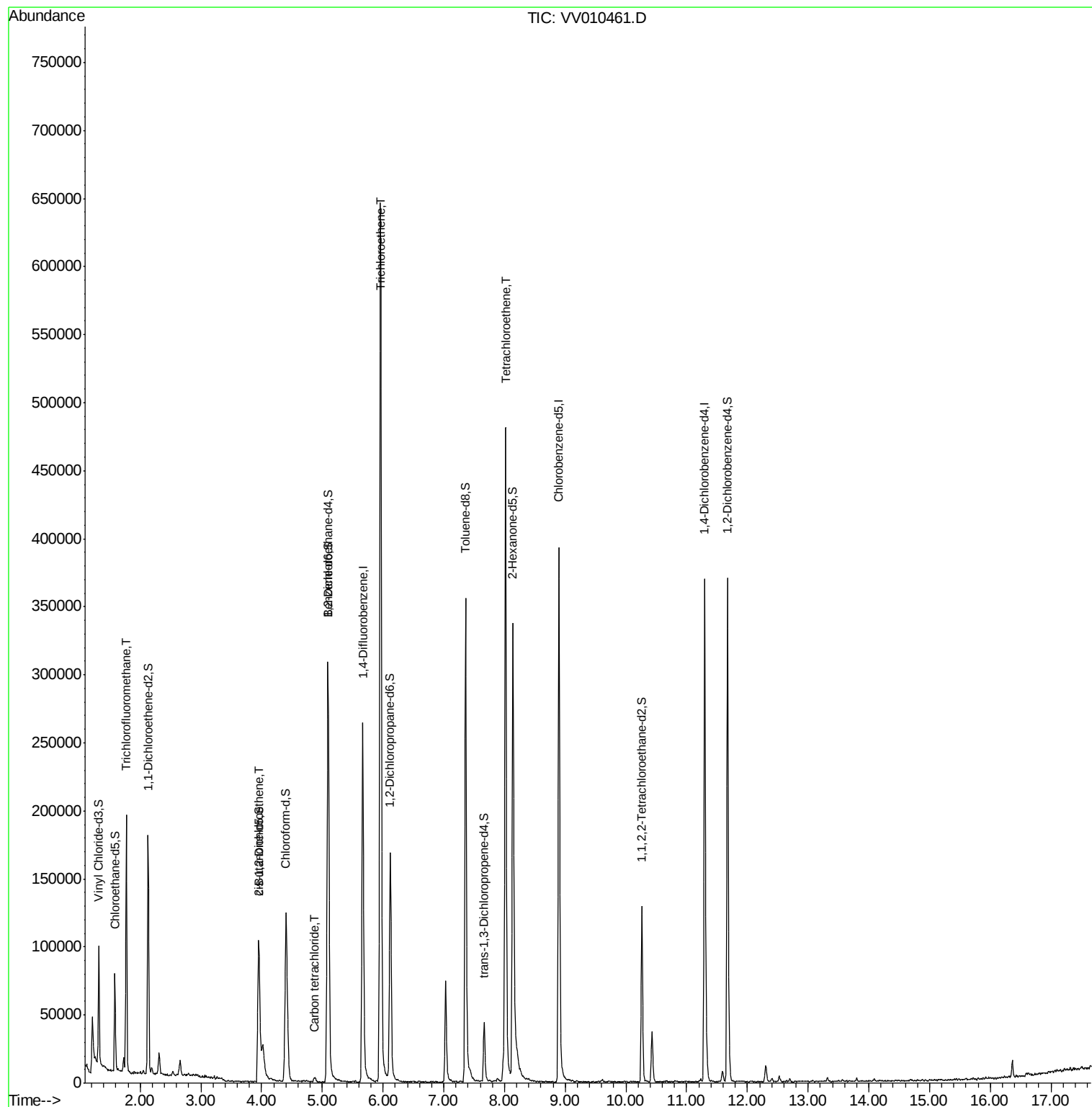
					Ovalue
9) Trichlorofluoromethane	1.77	101	105618	3.575 ug/L	96
22) cis-1,2-Dichloroethene	3.96	96	2788	0.174 ug/L	93
31) Carbon tetrachloride	4.88	117	2752	0.112 ug/L	98
34) Trichloroethene	5.96	95	218294	12.726 ug/L	96
47) Tetrachloroethene	8.02	164	116092	7.579 ug/L	95

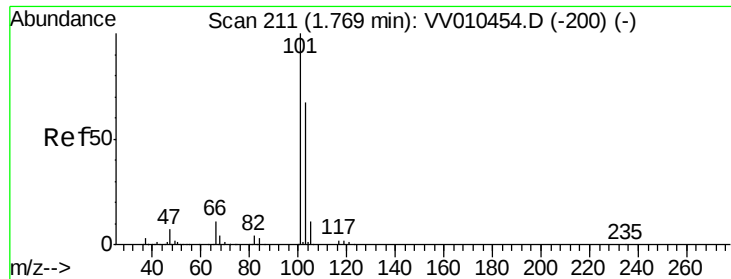
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#9

Trichlorofluoromethane

Concen: 3.575 ug/L

RT: 1.77 min Scan# 212

Delta R.T. 0.00 min

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Instrument :

MSVOA_V

ClientSampleId :

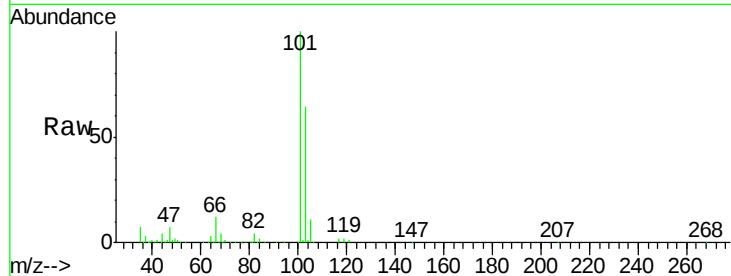
C0X30

Tot Ion:101 Resp: 105618

Ion Ratio Lower Upper

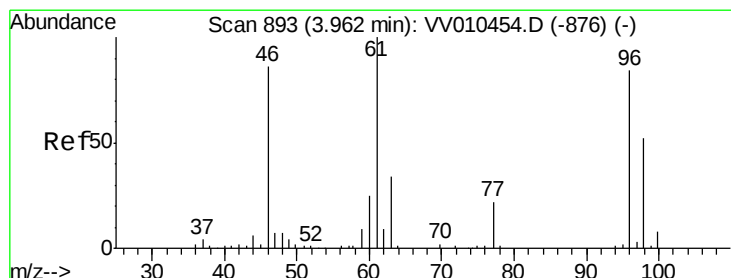
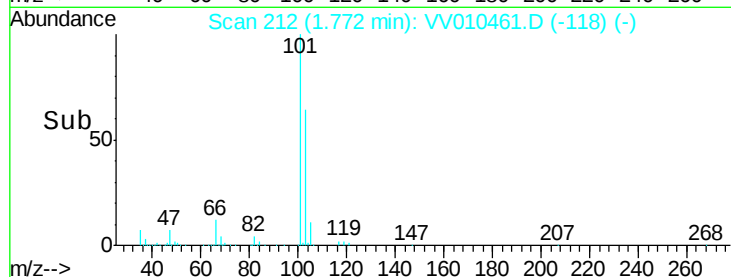
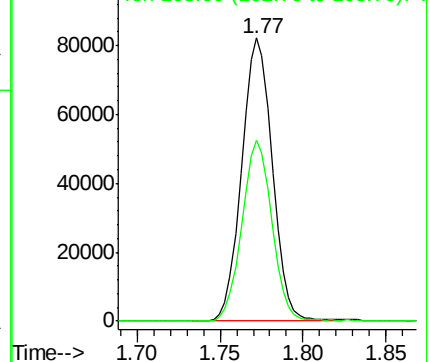
101 100

103 62.4 52.6 78.8



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#22

cis-1,2-Dichloroethene

Concen: 0.174 ug/L

RT: 3.96 min Scan# 893

Delta R.T. -0.00 min

Lab File: VV010461.D

Acq: 24 Apr 2019 14:36

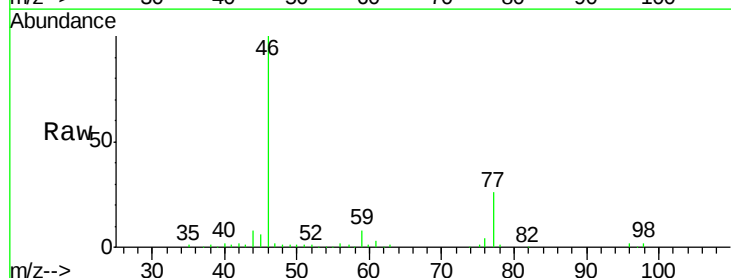
Tgt Ion: 96 Resp: 2788

Ion Ratio Lower Upper

96 100

61 126.8 83.2 154.6

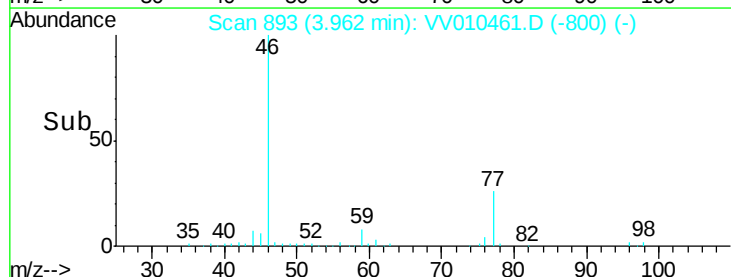
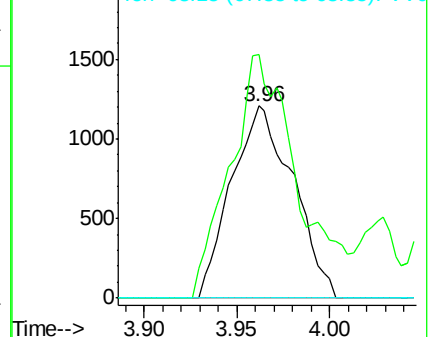
68 0.0 0.0 0.0

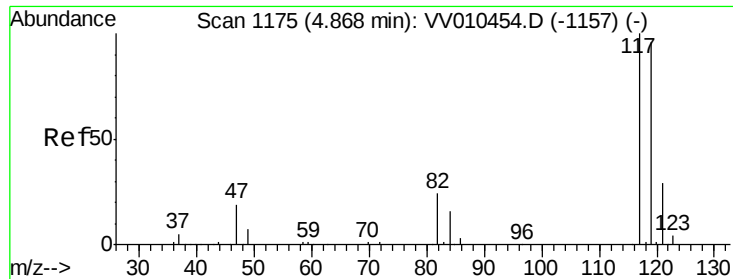


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 68.15 (67.85 to 68.85): VV0





#31

Carbon tetrachloride

Concen: 0.112 ug/L

RT: 4.88 min Scan# 1178

Delta R.T. 0.01 min

Lab File: VV010461.D

Acq: 24 Apr 2019 14:36

Instrument :

MSVOA_V

ClientSampled :

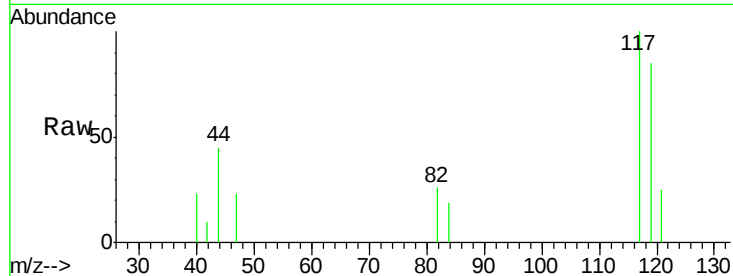
C0X30

Tot Ion:117 Resp: 2752

Ion Ratio Lower Upper

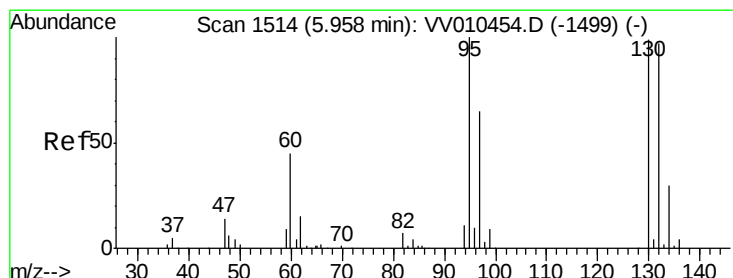
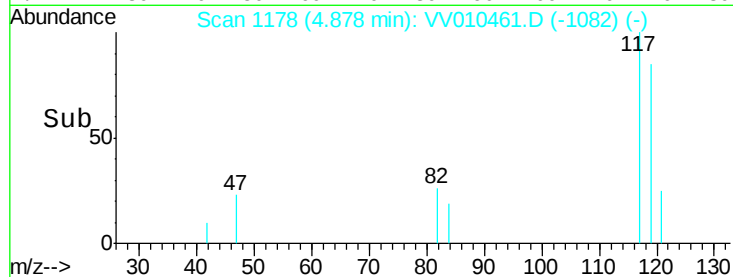
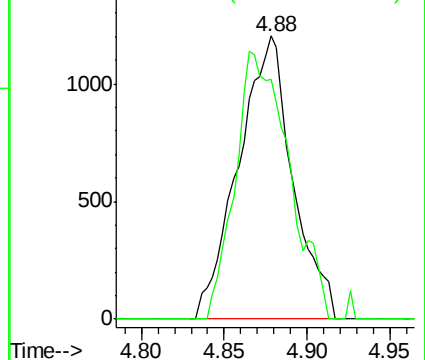
117 100

119 93.4 76.5 114.7



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 118.90 (118.60 to 119.60): V



#34

Trichloroethene

Concen: 12.726 ug/L

RT: 5.96 min Scan# 1514

Delta R.T. -0.00 min

Lab File: VV010461.D

Acq: 24 Apr 2019 14:36

Tgt Ion: 95 Resp: 218294

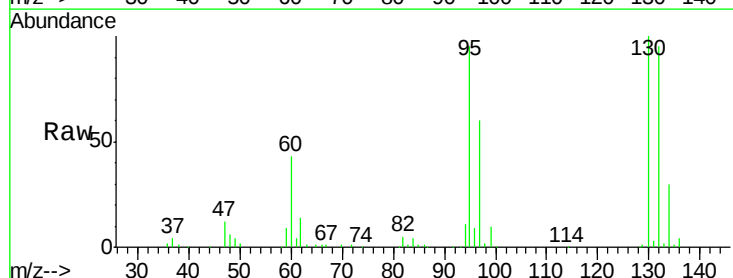
Ion Ratio Lower Upper

95 100

97 63.0 45.6 84.6

132 99.3 67.8 126.0

130 105.0 69.0 128.2

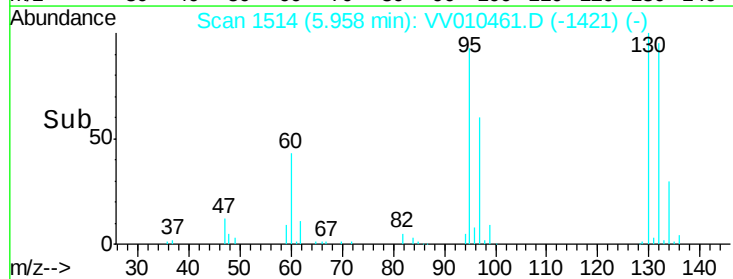
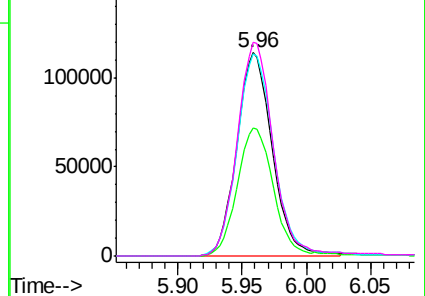


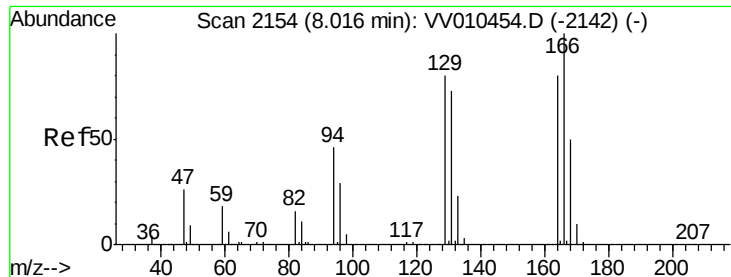
Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): VV0

Ion 129.95 (129.65 to 130.65): VV0





#47

Tetrachloroethene

Concen: 7.579 ug/L

RT: 8.02 min Scan# 2154

Delta R.T. 0.00 min

Lab File: VV010461.D

Acq: 24 Apr 2019 14:36

Instrument :
MSVOA_V
ClientSampleId :
C0X30

Tot Ion:164 Resp: 116092

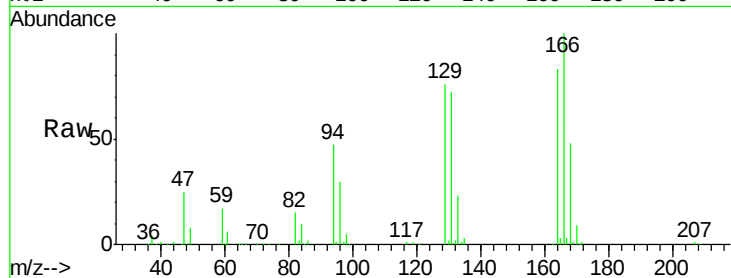
Ion Ratio Lower Upper

164 100

129 92.2 69.7 129.4

131 87.1 63.8 118.6

166 120.8 87.4 162.2



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

