

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV102618\
 Data File : VV008425.D
 Acq On : 26 Oct 2018 12:07
 Operator : SY/MD
 Sample : J5670-04DL 5X
 Misc : 5.0 mL/MSVOA V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ETBP5DL

Quant Time: Oct 27 05:01:20 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM102318WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Oct 27 04:42:32 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	188454	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	170287	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	69199	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	57659	55.26	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	110.52%
7) Chloroethane-d5	1.56	69	42805	56.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	113.64%
11) 1,1-Dichloroethene-d2	2.13	63	75936	40.29	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.58%
21) 2-Butanone-d5	3.94	46	121166	106.85	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.85%
24) Chloroform-d	4.41	84	134884	52.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.82%
26) 1,2-Dichloroethane-d4	5.09	65	93688	54.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.90%
32) Benzene-d6	5.10	84	276521	56.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	113.96%
36) 1,2-Dichloropropane-d6	6.12	67	94541	56.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	112.26%
41) Toluene-d8	7.36	98	253371	57.50	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	115.00%
43) trans-1,3-Dichloropropene-	7.67	79	45151	55.17	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	110.34%
47) 2-Hexanone-d5	8.14	63	94330	107.25	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	107.25%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	121868	53.42	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	106.84%
64) 1,2-Dichlorobenzene-d4	11.68	152	81005	57.23	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	114.46%

Target Compounds

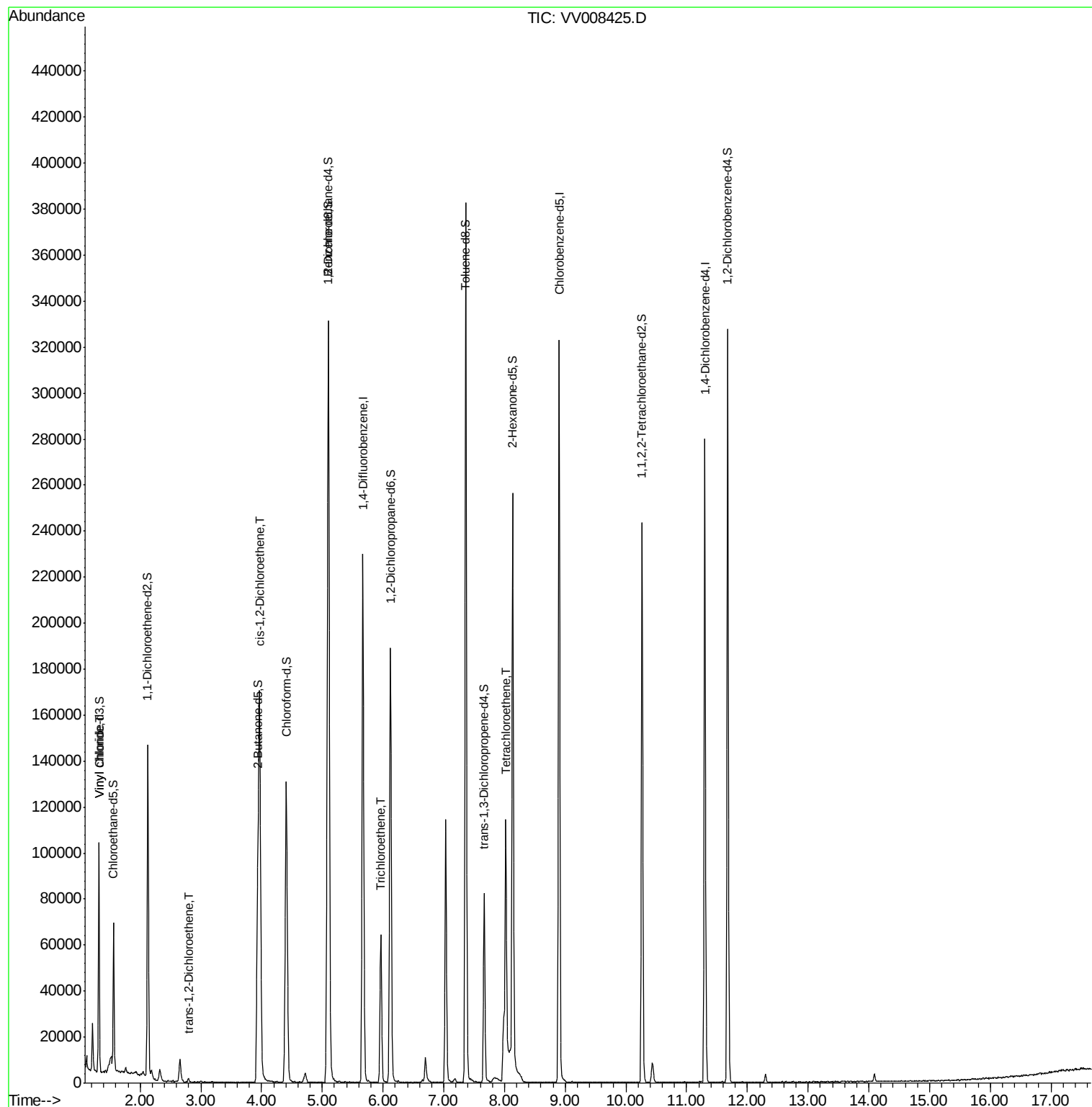
					Ovalue
5) Vinyl chloride	1.33	62	4314	3.230 ug/L	# 69
17) trans-1,2-Dichloroethene	2.79	96	580	0.450 ug/L	88
20) cis-1,2-Dichloroethene	3.97	96	81262	55.340 ug/L	96
34) Trichloroethene	5.96	95	23459	16.461 ug/L	99
46) Tetrachloroethene	8.02	164	22136	23.827 ug/L	98

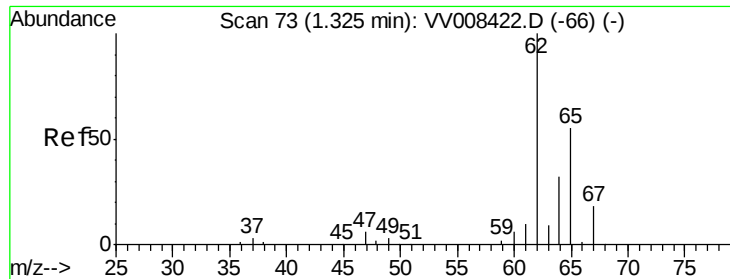
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Oct 27 04:42:32 2018
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 3.230 ug/L

RT: 1.33 min Scan# 73

Delta R.T. 0.00 min

Lab File: VV008425.D

Acq: 26 Oct 2018 12:07

Instrument :

MSVOA_V

ClientSampled :

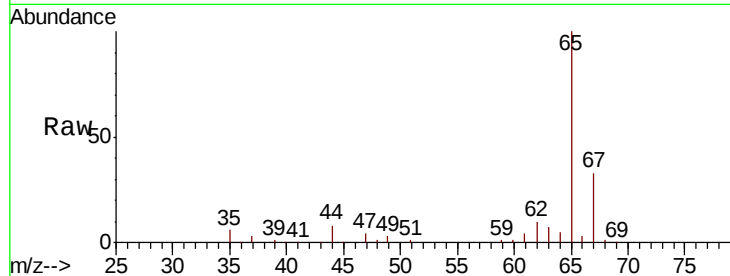
ETBP5DL

Tot Ion: 62 Resp: 4314

Ion Ratio Lower Upper

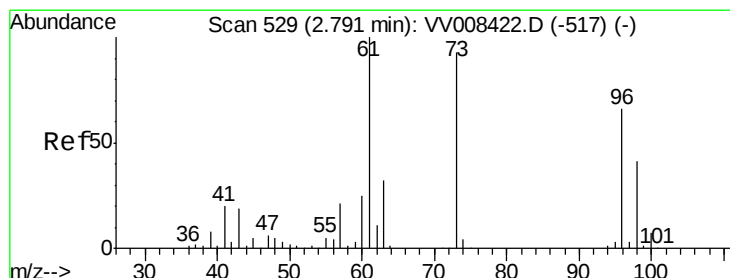
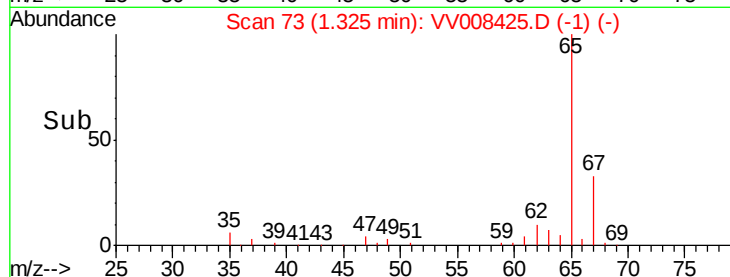
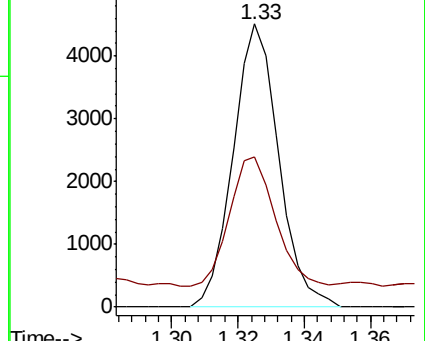
62 100

64 53.0 24.4 45.4#



Abundance Ion 62.00 (61.70 to 62.70): VV008425.D (-66) (-)

Ion 64.00 (63.70 to 64.70): VV008425.D (-66) (-)



#17

trans-1,2-Dichloroethene

Concen: 0.450 ug/L

RT: 2.79 min Scan# 530

Delta R.T. 0.00 min

Lab File: VV008425.D

Acq: 26 Oct 2018 12:07

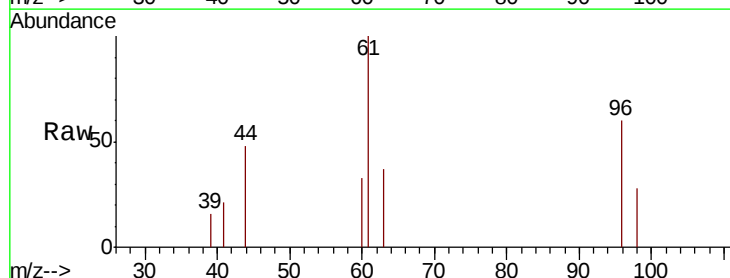
Tgt Ion: 96 Resp: 580

Ion Ratio Lower Upper

96 100

61 167.1 108.6 201.6

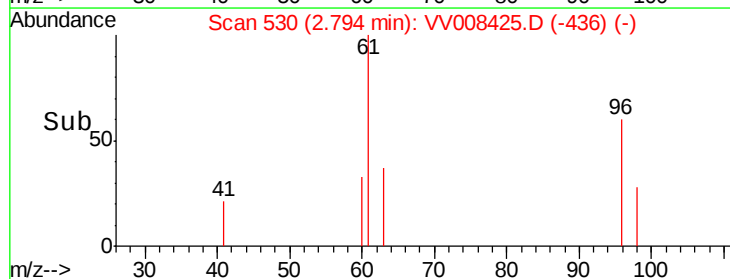
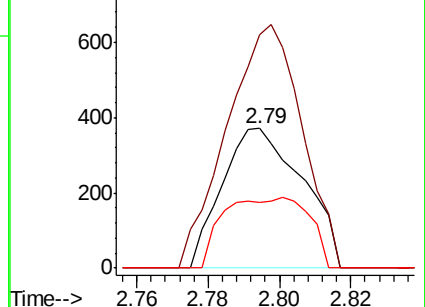
98 47.4 44.3 82.3

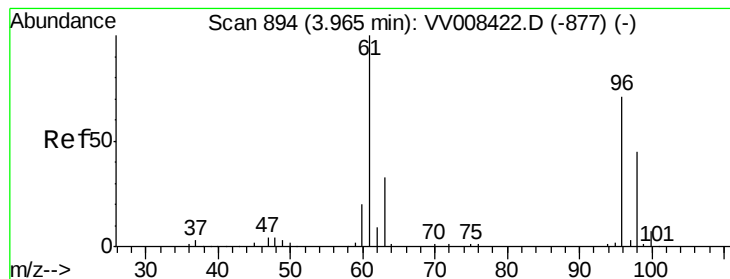


Abundance Ion 96.00 (95.70 to 96.70): VV008425.D (-517) (-)

Ion 61.00 (60.70 to 61.70): VV008425.D (-517) (-)

Ion 98.00 (97.70 to 98.70): VV008425.D (-517) (-)



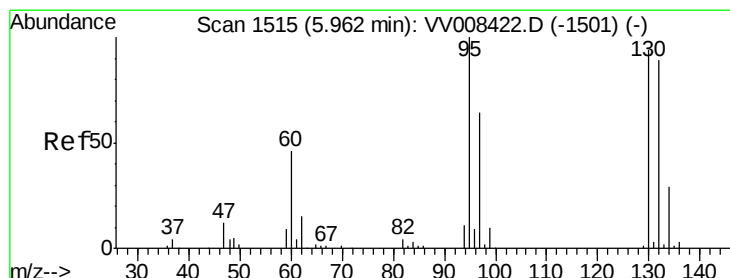
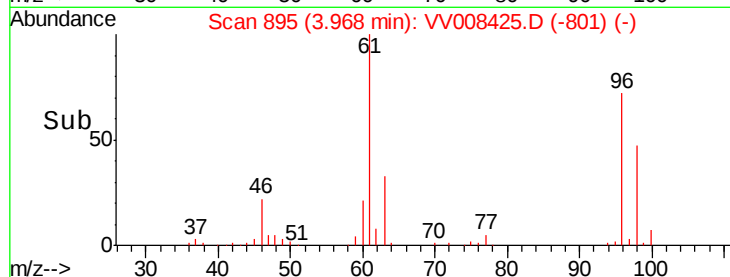
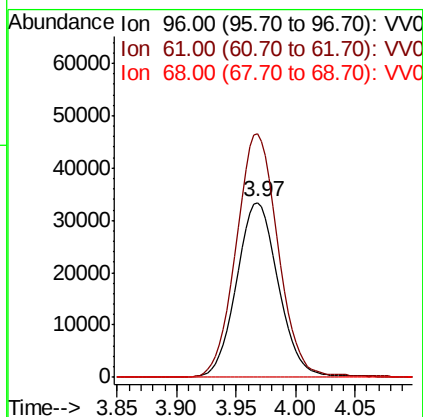
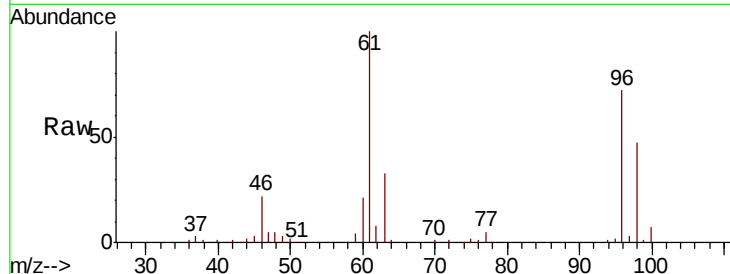


#20

cis-1,2-Dichloroethene
Concen: 55.340 ug/L
RT: 3.97 min Scan# 895
Delta R.T. 0.00 min
Lab File: VV008425.D
Acq: 26 Oct 2018 12:07

Instrument :
MSVOA_V
ClientSampleId :
ETBP5DL

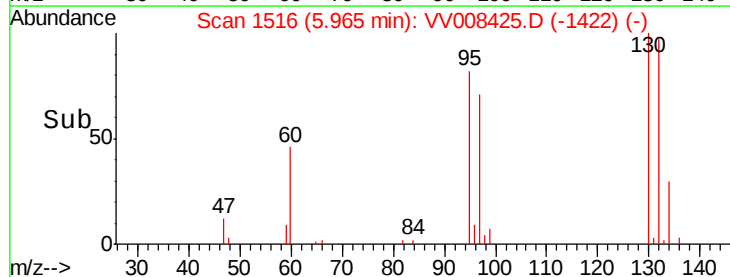
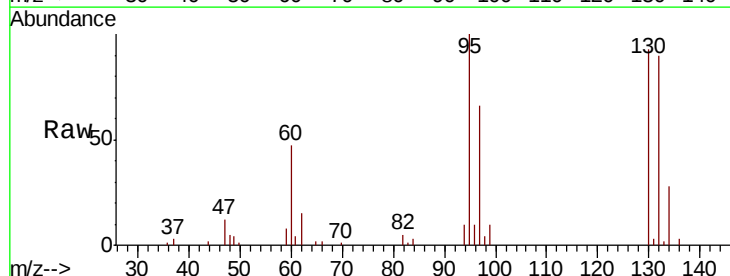
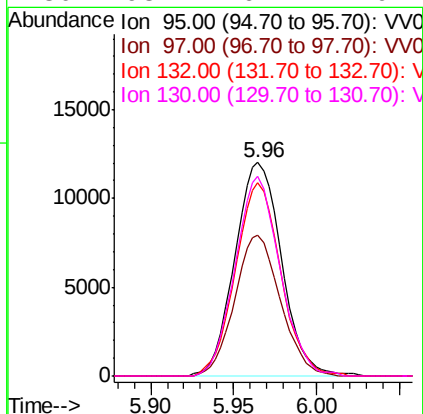
Tot Ion: 96 Resp: 81262
Ion Ratio Lower Upper
96 100
61 139.3 100.9 187.5
68 0.0 0.0 0.0

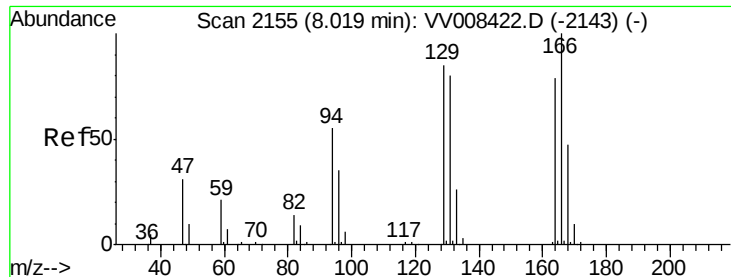


#34

Trichloroethene
Concen: 16.461 ug/L
RT: 5.96 min Scan# 1516
Delta R.T. 0.00 min
Lab File: VV008425.D
Acq: 26 Oct 2018 12:07

Tgt Ion: 95 Resp: 23459
Ion Ratio Lower Upper
95 100
97 65.8 45.2 84.0
132 90.3 63.8 118.6
130 93.4 64.7 120.1





#46

Tetrachloroethene

Concen: 23.827 ug/L

RT: 8.02 min Scan# 2156

Delta R.T. 0.00 min

Lab File: VV008425.D

Acq: 26 Oct 2018 12:07

Instrument :

MSVOA_V

ClientSampleId :

ETBP5DL

Tot Ion:164 Resp: 22136

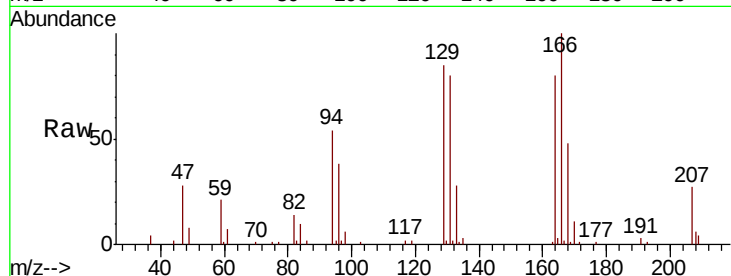
Ion Ratio Lower Upper

164 100

129 105.5 75.0 139.2

131 99.7 71.3 132.3

166 124.5 89.2 165.6



Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V

