

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081019\
 Data File : VV012166.D
 Acq On : 09 Aug 2019 22:25
 Operator : SY/MD
 Sample : K4248-03
 Misc : 5mL/MSVOA V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F2B06

Quant Time: Aug 14 08:46:22 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081019WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Aug 10 05:07:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	278998	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	255886	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	116159	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	50730	49.42	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	98.84%
7) Chloroethane-d5	1.58	69	32797	50.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	100.22%
11) 1,1-Dichloroethene-d2	2.13	63	68556	35.33	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.66%
21) 2-Butanone-d5	3.93	46	44344	87.38	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	87.38%
24) Chloroform-d	4.40	84	98404	46.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.30%
26) 1,2-Dichloroethane-d4	5.08	65	63104	51.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.22%
32) Benzene-d6	5.10	84	204822	51.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.26%
36) 1,2-Dichloropropane-d6	6.12	67	55691	51.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.20%
41) Toluene-d8	7.36	98	186974	49.47	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.94%
43) trans-1,3-Dichloropropene-	7.66	79	28133	48.10	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.20%
47) 2-Hexanone-d5	8.13	63	40510	98.12	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.12%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	72734	49.16	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.32%
64) 1,2-Dichlorobenzene-d4	11.67	152	72390	52.73	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.46%

Target Compounds

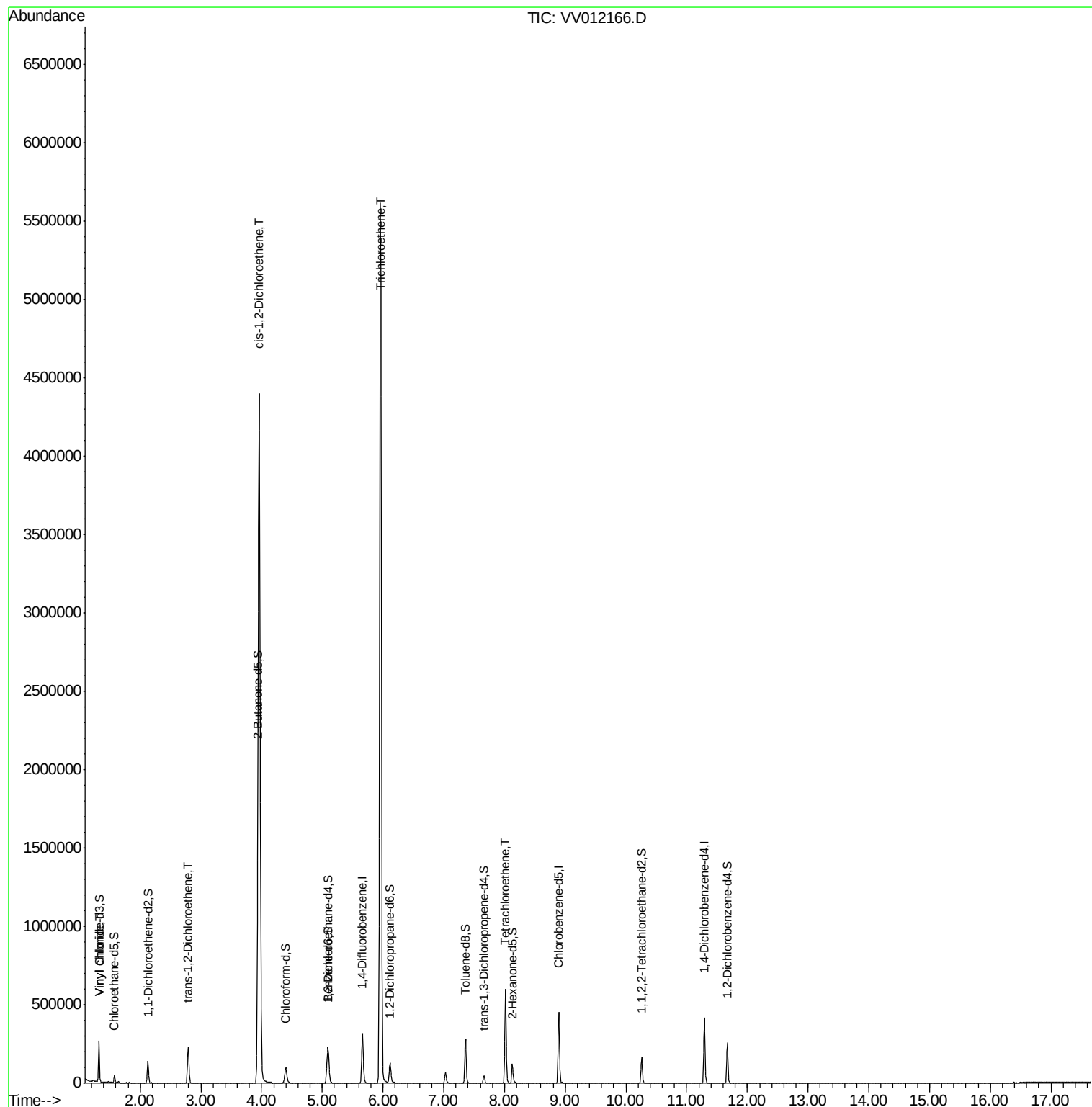
					Ovalue
5) Vinyl chloride	1.32	62	107922	69.964	ug/L 99
17) trans-1,2-Dichloroethene	2.79	96	87463	52.962	ug/L 97
20) cis-1,2-Dichloroethene	3.96	96	2625566	1399.442	ug/L 98
34) Trichloroethene	5.96	95	1860534	1053.879	ug/L 97
46) Tetrachloroethene	8.02	164	141491	83.843	ug/L 98

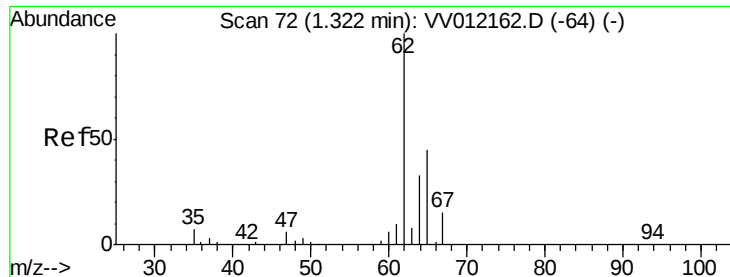
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Sat Aug 10 05:07:53 2019
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 69.964 ug/L

RT: 1.32 min Scan# 72

Delta R.T. 0.00 min

Lab File: VV012166.D

Acq: 09 Aug 2019 22:25

Instrument :

MSVOA_V

ClientSampleId :

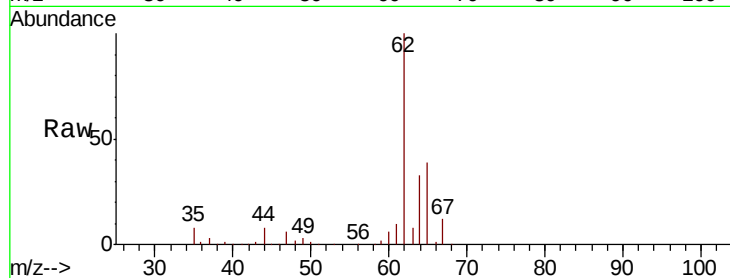
F2B06

Tot Ion: 62 Resp: 107922

Ion Ratio Lower Upper

62 100

64 33.3 23.7 44.1



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.00 (63.70 to 64.70): VV0

120000

100000

80000

60000

40000

20000

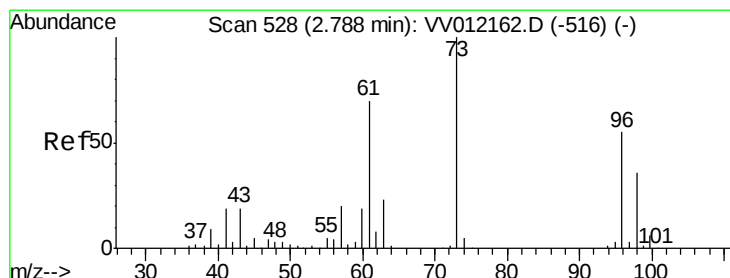
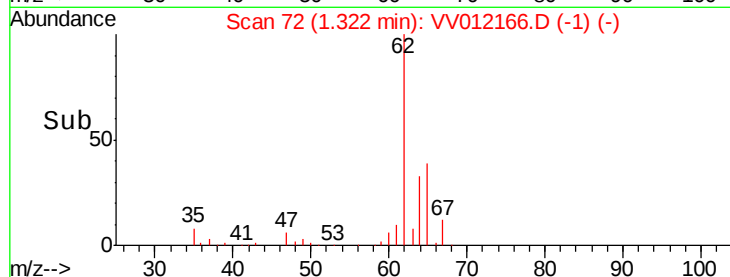
0

1.30

1.32

1.35

Time-->



#17

trans-1,2-Dichloroethene

Concen: 52.962 ug/L

RT: 2.79 min Scan# 529

Delta R.T. 0.00 min

Lab File: VV012166.D

Acq: 09 Aug 2019 22:25

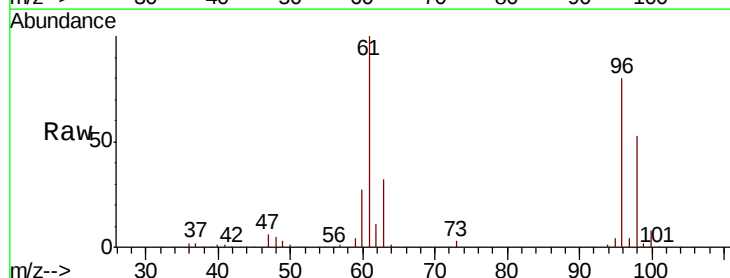
Tgt Ion: 96 Resp: 87463

Ion Ratio Lower Upper

96 100

61 125.2 89.3 165.9

98 66.7 44.7 83.1



Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 98.00 (97.70 to 98.70): VV0

80000

60000

40000

20000

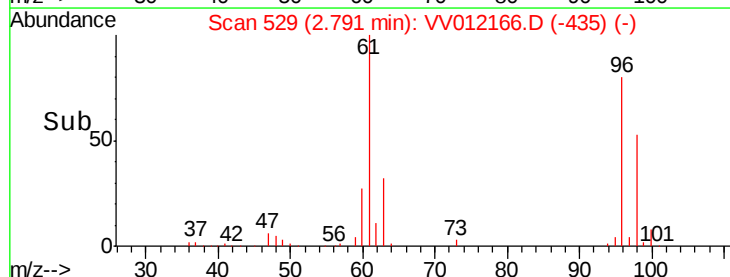
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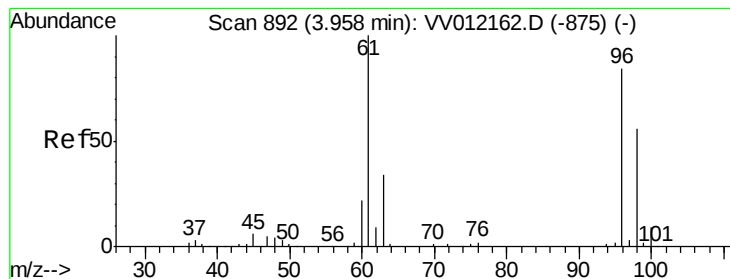
2.75

2.79

2.85

Time-->



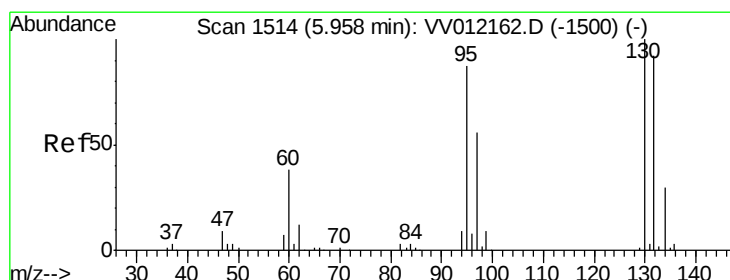
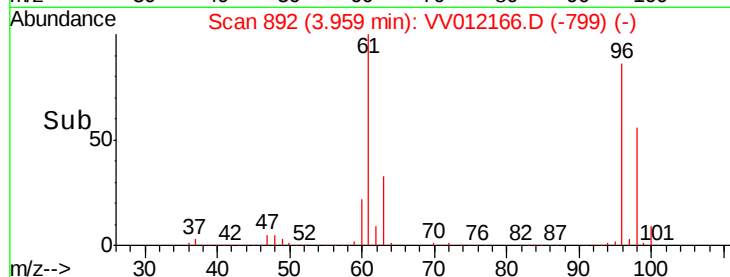
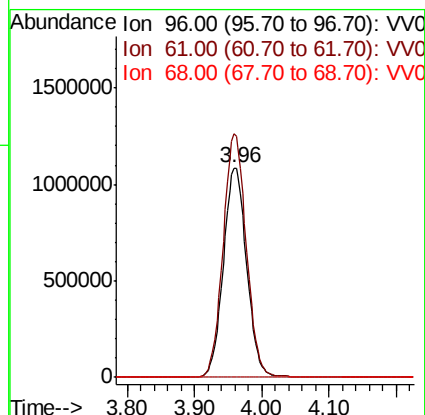
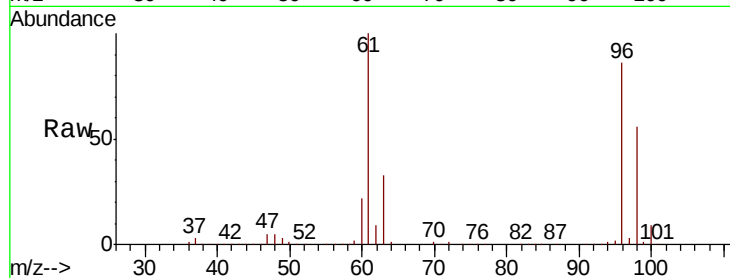


#20

cis-1,2-Dichloroethene
 Concen: 1399.442 ug/L
 RT: 3.96 min Scan# 892
 Delta R.T. 0.00 min
 Lab File: VV012166.D
 Acq: 09 Aug 2019 22:25

Instrument :
 MSVOA_V
 ClientSampleId :
 F2B06

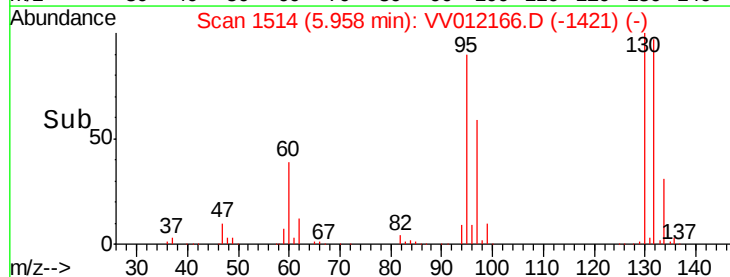
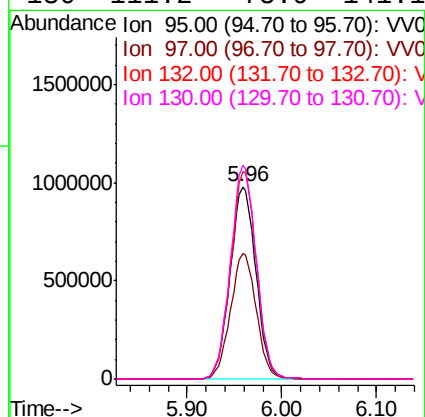
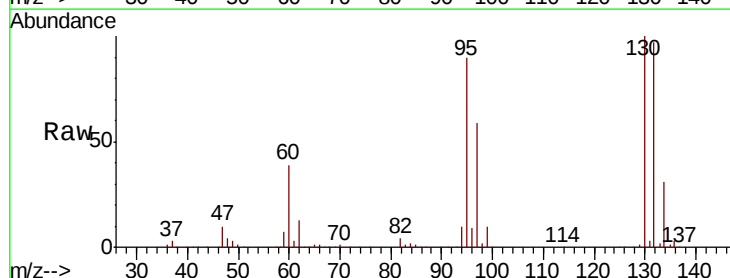
Tot Ion: 96 Resp: 2625566
 Ion Ratio Lower Upper
 96 100
 61 116.2 82.9 153.9
 68 0.0 0.0 0.0

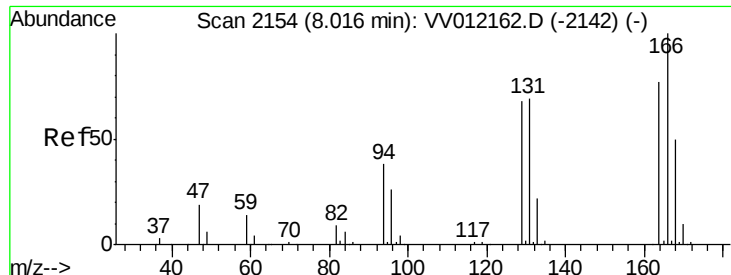


#34

Trichloroethene
 Concen: 1053.879 ug/L
 RT: 5.96 min Scan# 1514
 Delta R.T. 0.00 min
 Lab File: VV012166.D
 Acq: 09 Aug 2019 22:25

Tgt Ion: 95 Resp: 1860534
 Ion Ratio Lower Upper
 95 100
 97 65.4 44.7 83.1
 132 108.0 72.7 134.9
 130 111.2 75.9 141.1





#46

Tetrachloroethene

Concen: 83.843 ug/L

RT: 8.02 min Scan# 2154

Delta R.T. 0.00 min

Lab File: VV012166.D

Acq: 09 Aug 2019 22:25

Instrument :

MSVOA_V

ClientSampleId :

F2B06

Tot Ion:164 Resp: 141491

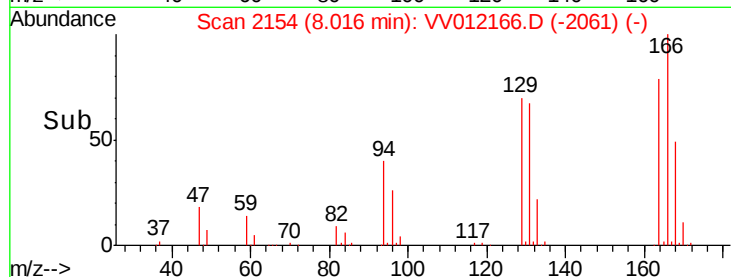
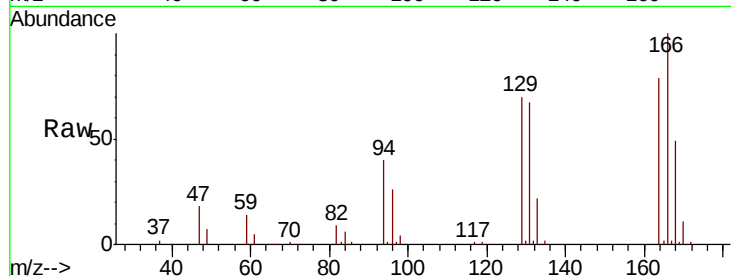
Ion Ratio Lower Upper

164 100

129 88.5 60.6 112.6

131 84.9 59.5 110.5

166 127.0 87.2 161.9



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

