

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV120718\
 Data File : VV008880.D
 Acq On : 07 Dec 2018 17:08
 Operator : SY/MD
 Sample : J6263-03
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0TP0

Quant Time: Dec 08 01:00:25 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR120518WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Dec 07 22:19:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	104711	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	98327	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	43111	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	24024	4.30	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.00%
7) Chloroethane-d5	1.59	69	19363	4.70	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.00%
11) 1,1-Dichloroethene-d2	2.13	63	45762	4.25	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.00%
20) 2-Butanone-d5	3.98	46	71136	51.58	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.16%
24) Chloroform-d	4.41	84	62150	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.80%
26) 1,2-Dichloroethane-d4	5.09	65	32111	5.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.60%
32) Benzene-d6	5.10	84	124066	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.60%
36) 1,2-Dichloropropane-d6	6.12	67	37541	4.97	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.40%
41) Toluene-d8	7.36	98	113038	4.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.00%
43) trans-1,3-Dichloropropene-	7.67	79	13140	4.61	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.20%
46) 2-Hexanone-d5	8.14	63	54401	50.11	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.22%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	24227	4.79	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.80%
64) 1,2-Dichlorobenzene-d4	11.68	152	40896	5.15	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.00%

Target Compounds

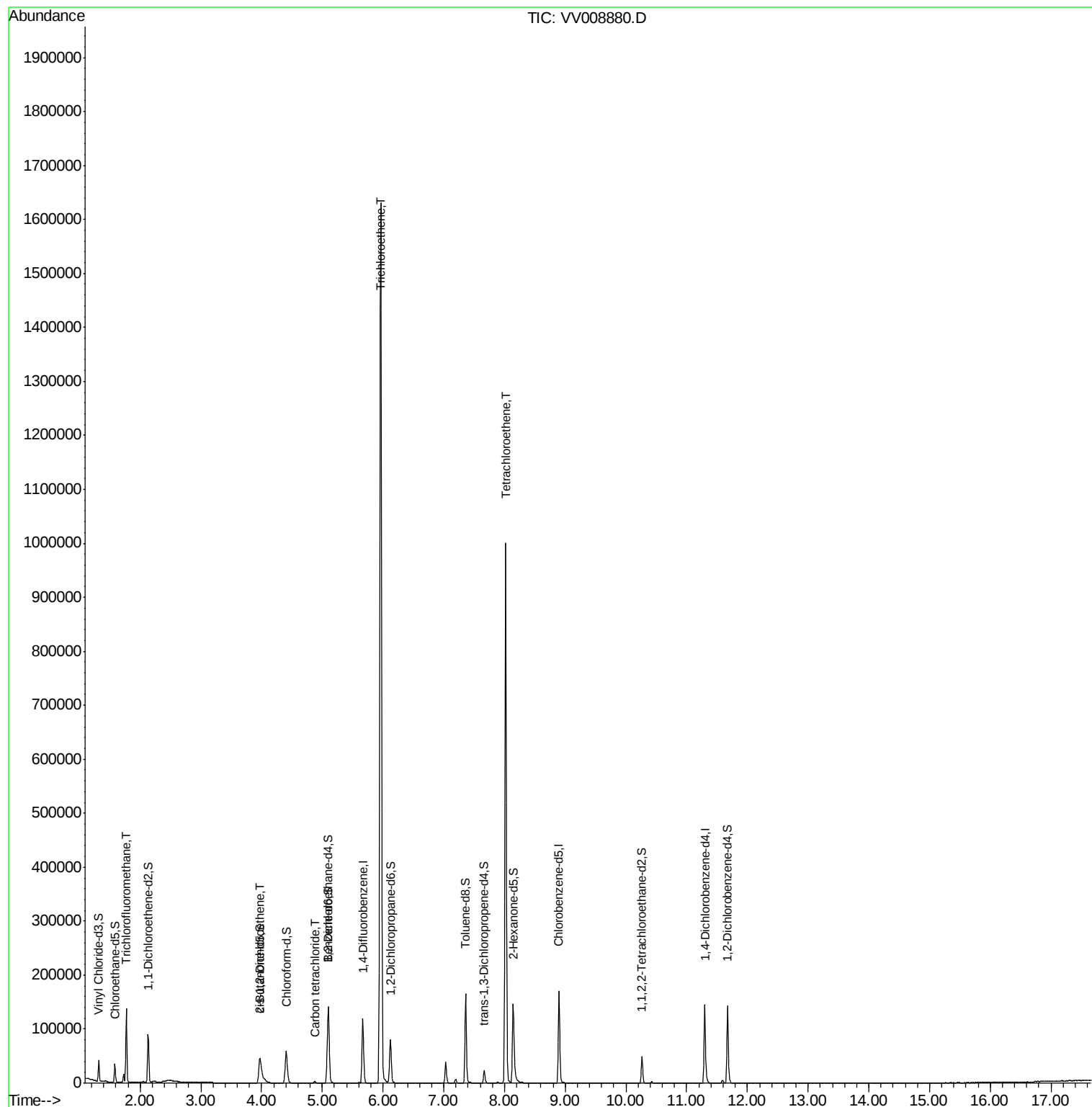
					Ovalue
9) Trichlorofluoromethane	1.77	101	78339	7.238	ug/L 100
22) cis-1,2-Dichloroethene	3.96	96	11471	1.494	ug/L 94
31) Carbon tetrachloride	4.88	117	2587	0.247	ug/L 96
34) Trichloroethene	5.96	95	565416	69.538	ug/L 98
47) Tetrachloroethene	8.02	164	226158	34.667	ug/L 98

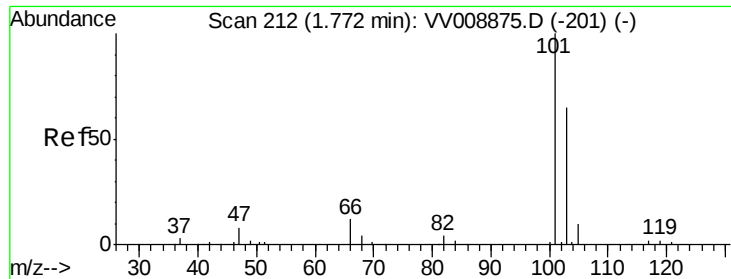
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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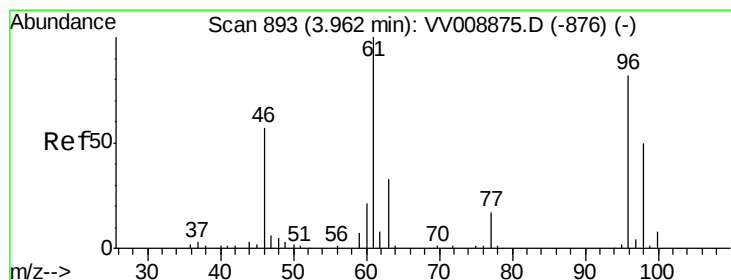
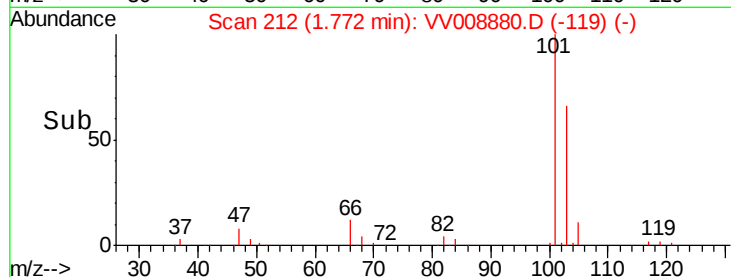
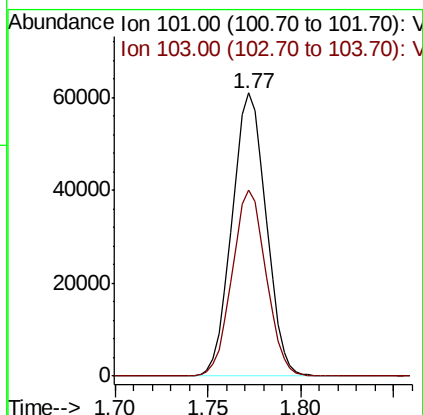
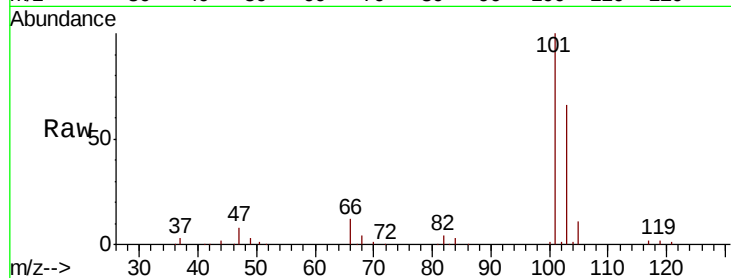




#9
 Trichlorofluoromethane
 Concen: 7.238 ug/L
 RT: 1.77 min Scan# 212
 Delta R.T. -0.00 min
 Lab File: VV008880.D
 Acq: 07 Dec 2018 17:08

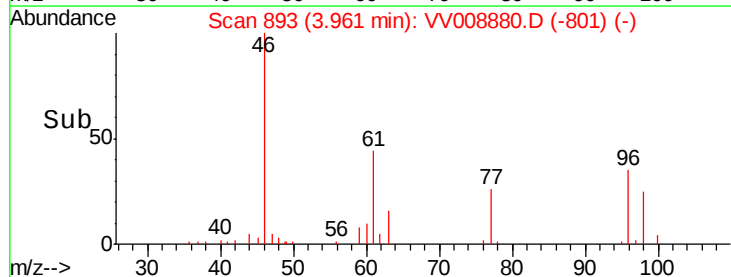
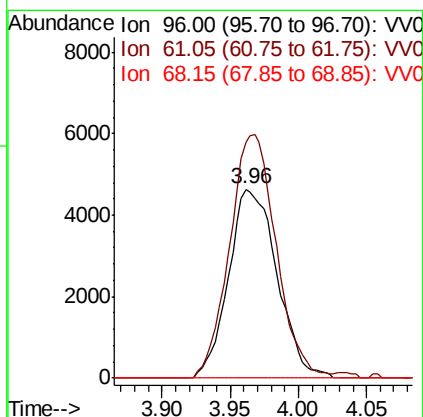
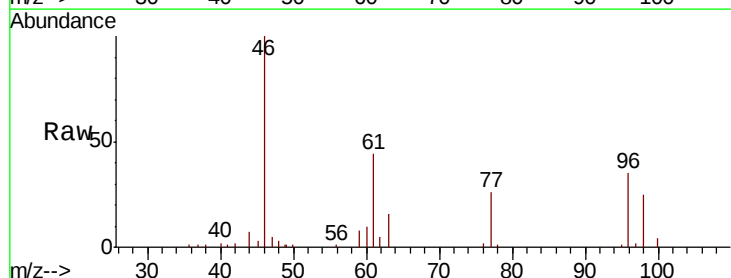
Instrument :
 MSVOA_V
 ClientSampleId :
 C0TP0

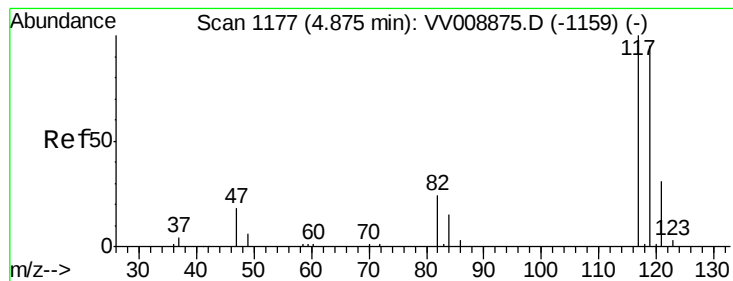
Tot Ion:101 Resp: 78339
 Ion Ratio Lower Upper
 101 100
 103 65.3 52.5 78.7



#22
 cis-1,2-Dichloroethene
 Concen: 1.494 ug/L
 RT: 3.96 min Scan# 893
 Delta R.T. -0.00 min
 Lab File: VV008880.D
 Acq: 07 Dec 2018 17:08

Tgt Ion: 96 Resp: 11471
 Ion Ratio Lower Upper
 96 100
 61 125.2 83.2 154.6
 68 0.0 0.0 0.0





#31

Carbon tetrachloride

Concen: 0.247 ug/L

RT: 4.88 min Scan# 1178

Delta R.T. -0.00 min

Lab File: VV008880.D

Acq: 07 Dec 2018 17:08

Instrument :

MSVOA_V

ClientSampleId :

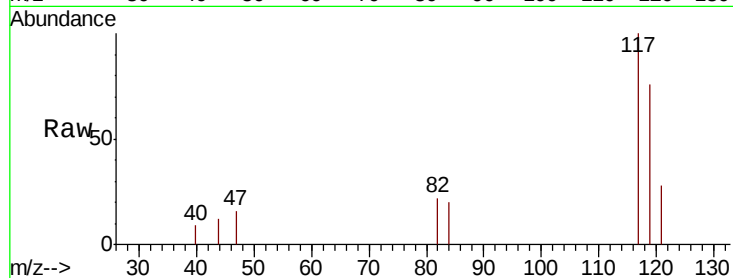
C0TP0

Tot Ion:117 Resp: 2587

Ion Ratio Lower Upper

117 100

119 92.6 77.1 115.7



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 118.90 (118.60 to 119.60): V

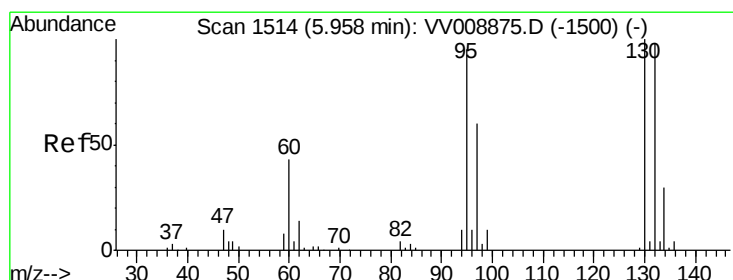
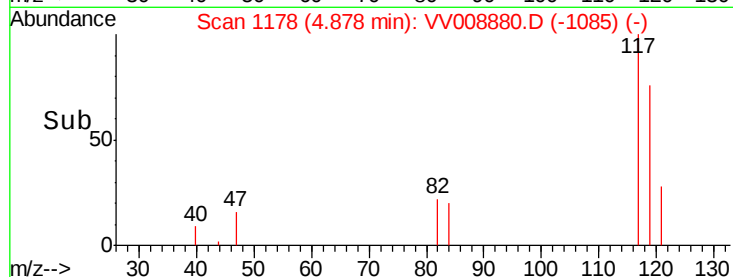
4.88

1000

500

0

Time-->



#34

Trichloroethene

Concen: 69.538 ug/L

RT: 5.96 min Scan# 1515

Delta R.T. -0.00 min

Lab File: VV008880.D

Acq: 07 Dec 2018 17:08

Tgt Ion: 95 Resp: 565416

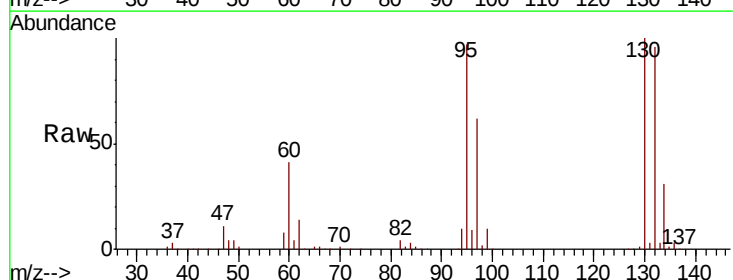
Ion Ratio Lower Upper

95 100

97 63.9 44.4 82.5

132 98.4 70.7 131.3

130 102.6 72.9 135.3



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): V

Ion 129.95 (129.65 to 130.65): V

400000

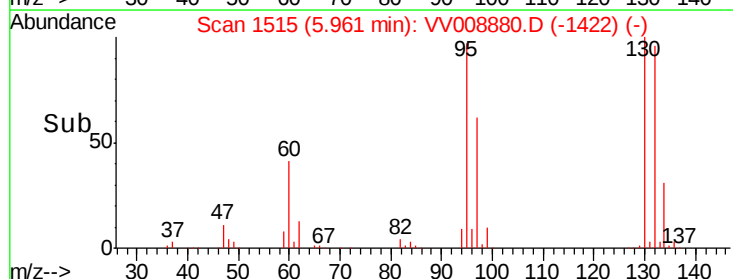
300000

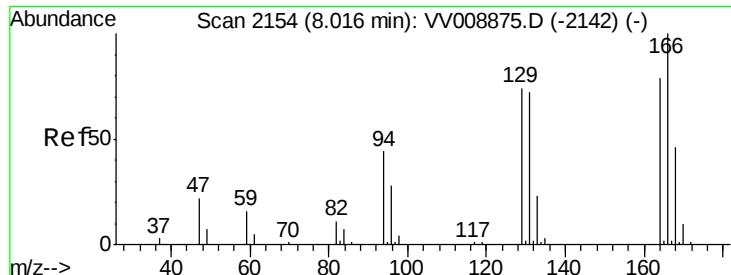
200000

100000

0

Time-->





#47

Tetrachloroethene

Concen: 34.667 ug/L

RT: 8.02 min Scan# 2155

Delta R.T. -0.00 min

Lab File: VV008880.D

Acq: 07 Dec 2018 17:08

Instrument :
MSVOA_V
ClientSampleId :
C0TP0

Tot Ion:164 Resp: 226158

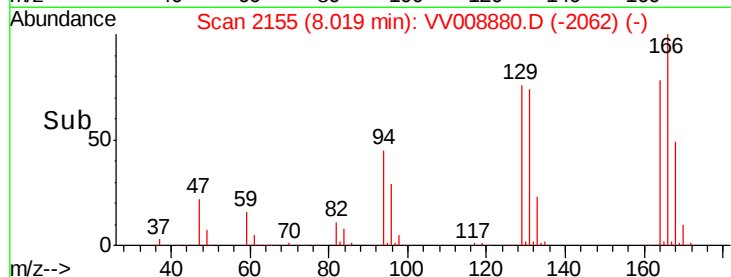
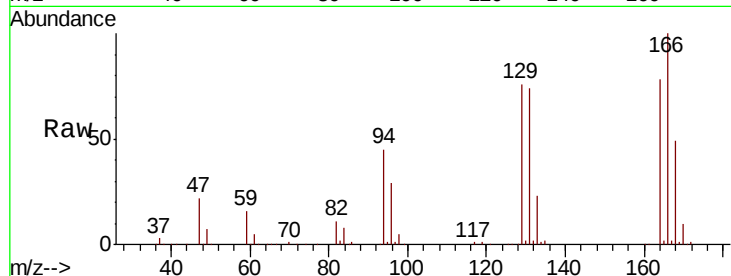
Ion Ratio Lower Upper

164 100

129 97.8 68.8 127.8

131 94.3 64.8 120.4

166 128.1 91.5 169.9



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

