

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR110218\
 Data File : VR026164.D
 Acq On : 2 Nov 2018 17:11
 Operator : SY/MD
 Sample : J5802-01
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 C0BE2

Quant Time: Nov 03 06:02:21 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR101518WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Nov 03 06:46:43 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	567170	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	494549	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	164174	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	183943	3.71	ug/L	-0.01
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.20%
7) Chloroethane-d5	2.63	69	181247	4.25	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.00%
11) 1,1-Dichloroethene-d2	3.63	63	514065	4.22	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.40%
20) 2-Butanone-d5	6.59	46	293111	71.93	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	143.86%#
24) Chloroform-d	7.20	84	410690	5.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.00%
26) 1,2-Dichloroethane-d4	7.90	65	179279	5.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.20%
32) Benzene-d6	7.85	84	764684	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.20%
36) 1,2-Dichloropropane-d6	8.90	67	221015	5.39	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.80%
41) Toluene-d8	9.97	98	678161	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.40%
43) trans-1,3-Dichloropropene-	10.24	79	52250	4.86	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.20%
46) 2-Hexanone-d5	10.59	63	237659	76.48	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	152.96%#
57) 1,1,2,2-Tetrachloroethane-	12.36	84	98528	6.12	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	122.40%#
64) 1,2-Dichlorobenzene-d4	13.52	152	143717	5.54	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.80%

Target Compounds

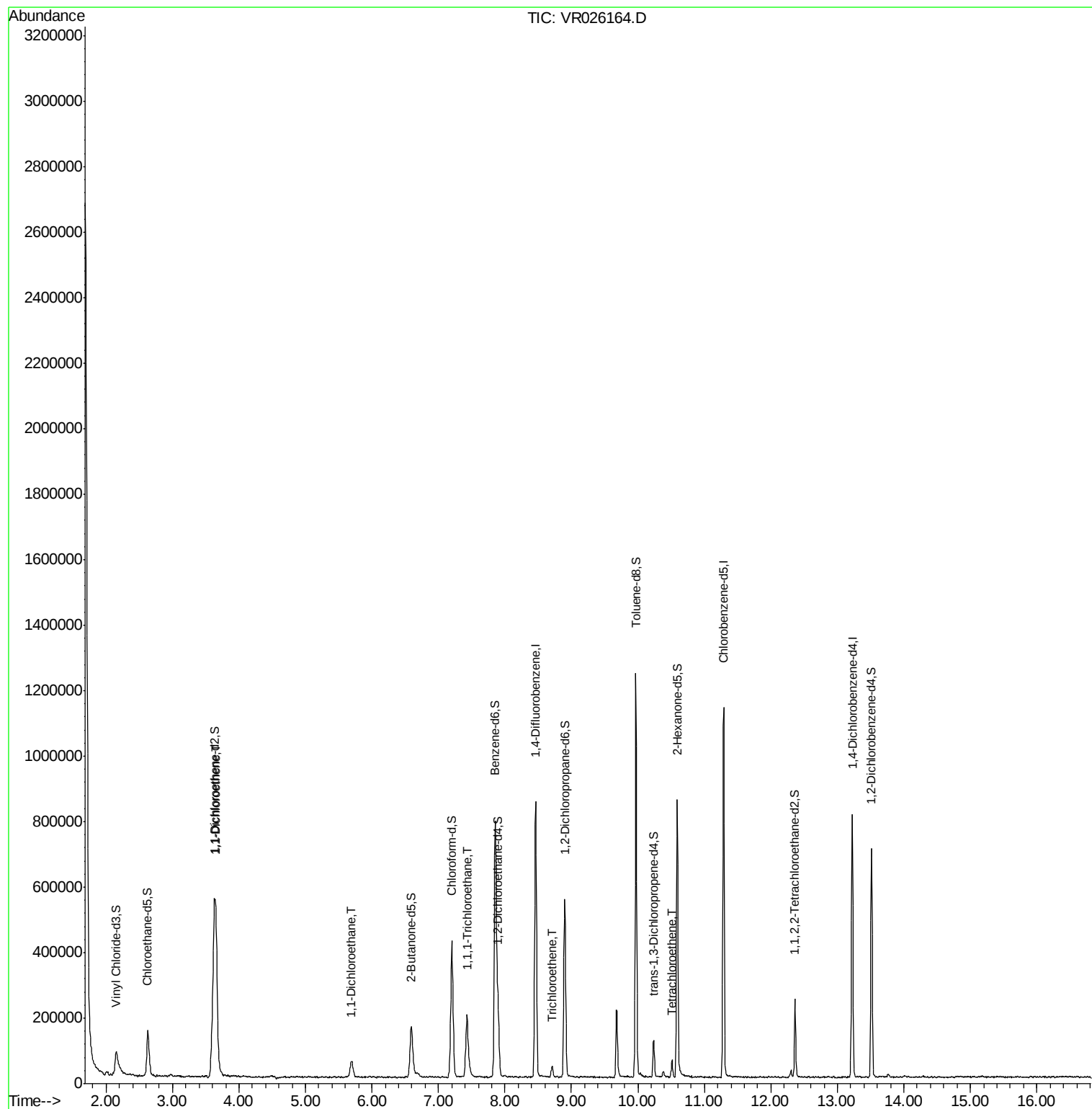
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	3.65	96	269400	4.885	ug/L	86
19) 1,1-Dichloroethane	5.69	63	71995	0.919	ug/L	96
29) 1,1,1-Trichloroethane	7.43	97	161226	2.386	ug/L	99
34) Trichloroethene	8.71	95	11896	0.250	ug/L	85
47) Tetrachloroethene	10.51	164	10046	0.296	ug/L	83

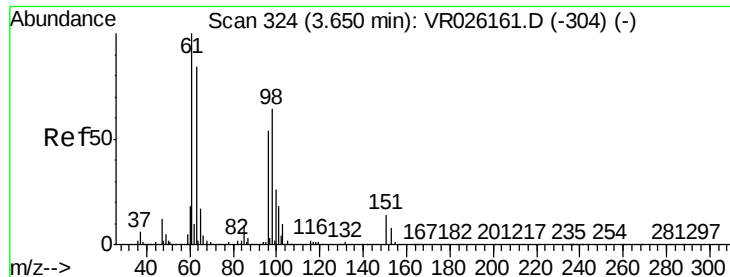
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Nov 03 06:46:43 2018
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#12

1,1-Dichloroethene

Concen: 4.885 ug/L

RT: 3.65 min Scan# 324

Delta R.T. -0.00 min

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Instrument :

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ClientSampleID :

C0BE2

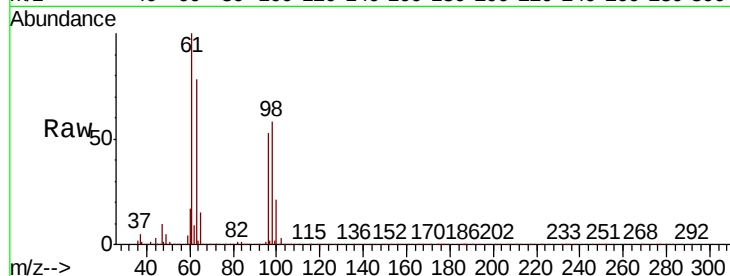
Tot Ion: 96 Resp: 269400

Ion Ratio Lower Upper

96 100

61 190.2 126.7 235.3

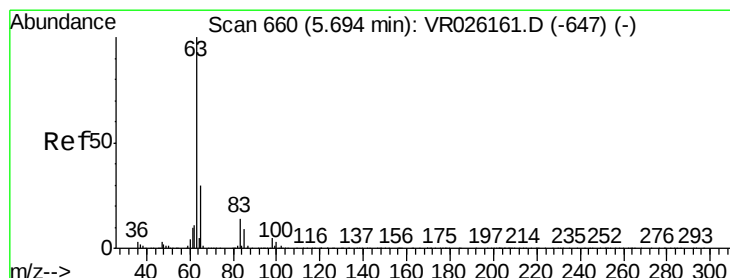
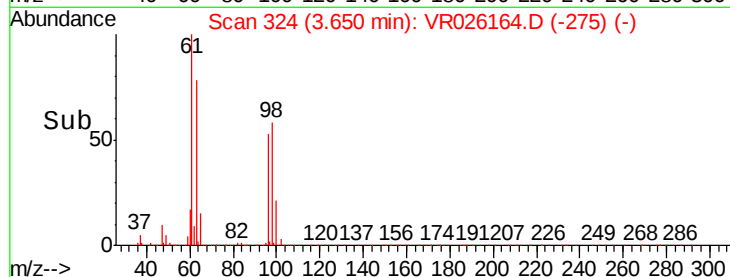
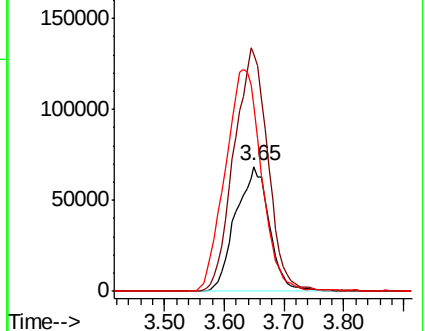
63 148.6 125.0 232.2



Abundance Ion 96.00 (95.70 to 96.70): VR0

Ion 61.05 (60.75 to 61.75): VR0

Ion 63.00 (62.70 to 63.70): VR0



#19

1,1-Dichloroethane

Concen: 0.919 ug/L

RT: 5.69 min Scan# 660

Delta R.T. -0.00 min

Lab File: VR026164.D

Acq: 2 Nov 2018 17:11

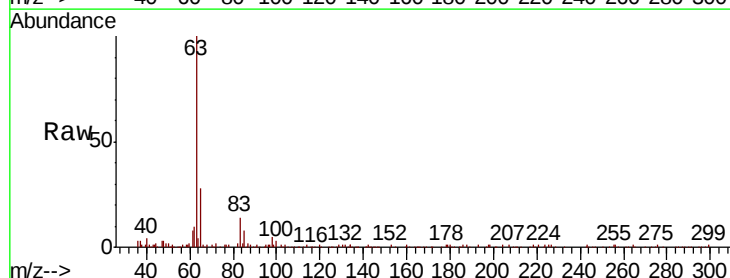
Tgt Ion: 63 Resp: 71995

Ion Ratio Lower Upper

63 100

65 28.0 21.2 39.4

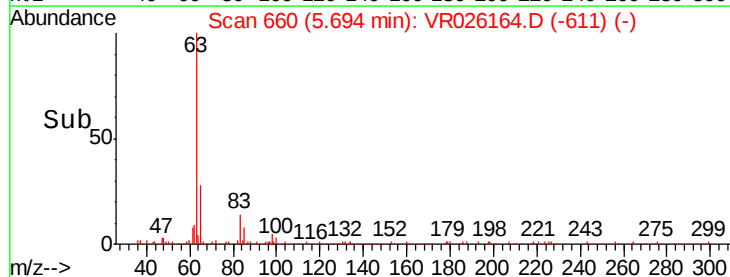
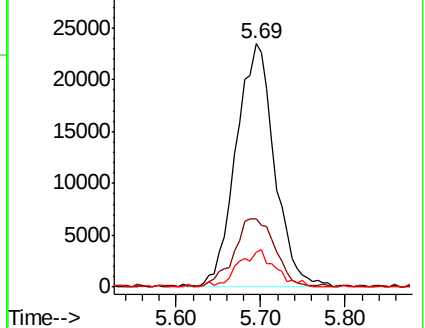
83 14.1 9.2 17.2

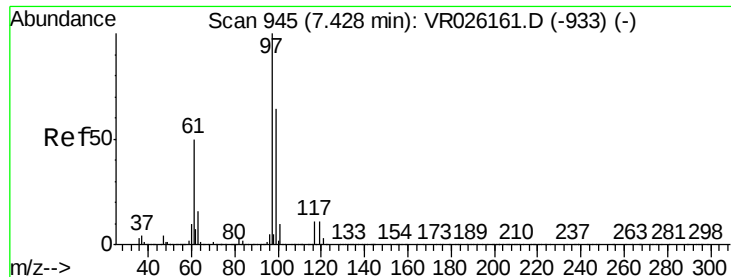


Abundance Ion 63.10 (62.80 to 63.80): VR0

Ion 65.10 (64.80 to 65.80): VR0

Ion 83.05 (82.75 to 83.75): VR0

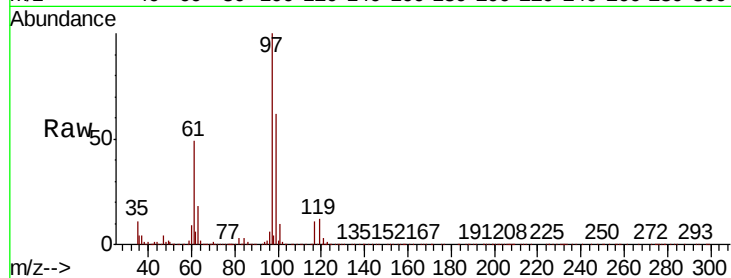




#29
1,1,1-Trichloroethane
Concen: 2.386 ug/L
RT: 7.43 min Scan# 945
Delta R.T. -0.00 min
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Tot Ion	97	Resp	161226
Ion Ratio	Lower	Upper	
97	100		
99	65.2	51.1	76.7
61	52.4	42.1	63.1

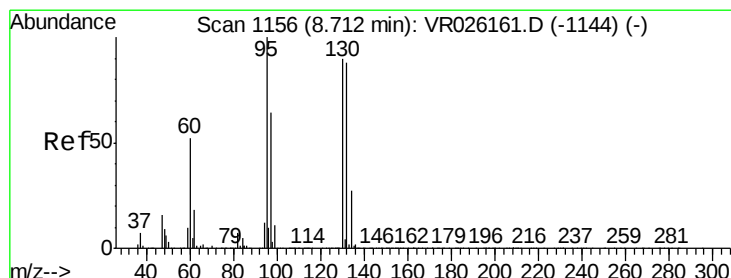
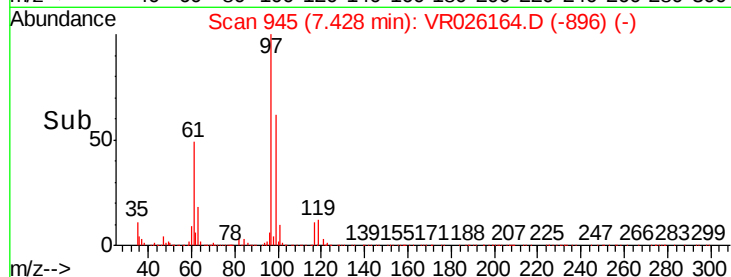
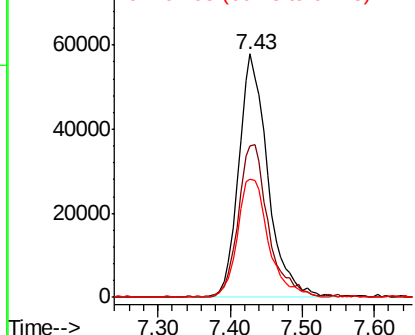


Abundance

Ion 96.95 (96.65 to 97.65): VR0

Ion 99.05 (98.75 to 99.75): VR0

Ion 61.05 (60.75 to 61.75): VR0



#34
Trichloroethene
Concen: 0.250 ug/L
RT: 8.71 min Scan# 1156
Delta R.T. -0.00 min
Lab File: VR026164.D
Acq: 2 Nov 2018 17:11

Tgt Ion	95	Resp	11896
Ion Ratio	Lower	Upper	
95	100		
97	56.6	45.7	84.9
132	93.9	58.3	108.3
130	71.1	64.0	119.0

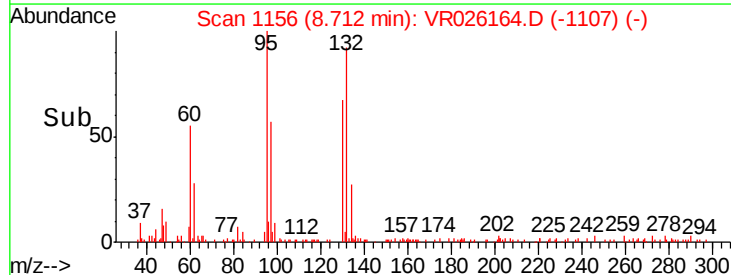
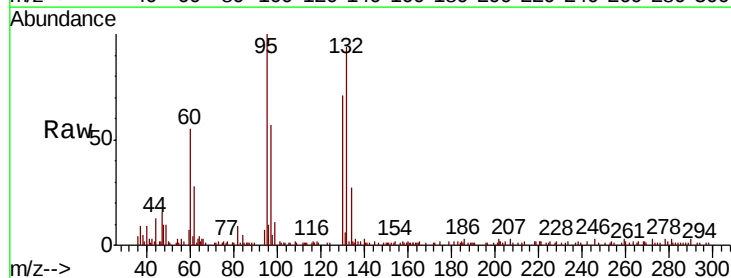
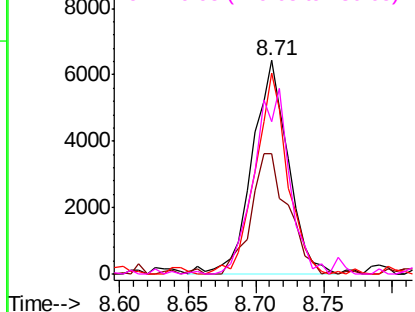
Abundance

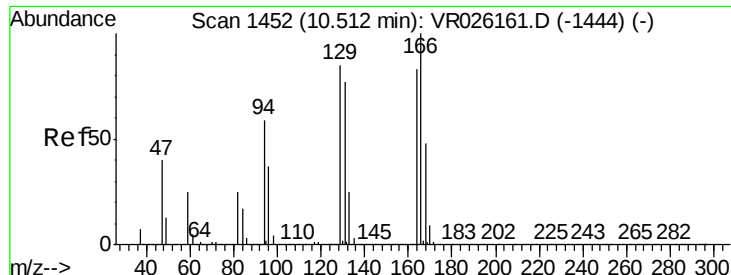
Ion 95.00 (94.70 to 95.70): VR0

Ion 96.95 (96.65 to 97.65): VR0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V





#47

Tetrachloroethene

Concen: 0.296 ug/L

RT: 10.51 min Scan# 1452

Delta R.T. -0.00 min

Lab File: VR026164.D

Acq: 2 Nov 2018 17:11

Instrument :

MSVOA_R

ClientSampleId :

C0BE2

Tot Ion:164 Resp: 10046

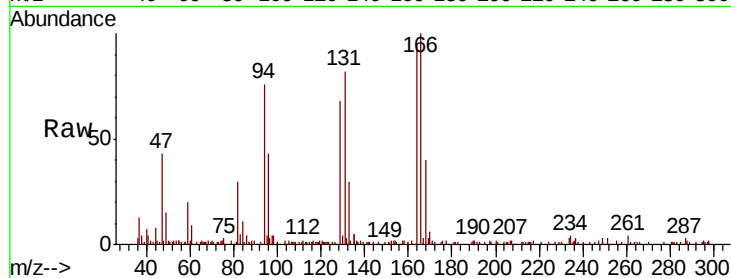
Ion Ratio Lower Upper

164 100

129 72.6 70.3 130.5

131 87.3 67.3 125.1

166 106.5 86.1 159.9



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

