

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV090319\
 Data File : VV012548.D
 Acq On : 03 Sep 2019 15:24
 Operator : SY/MD
 Sample : K4607-09DL 5X
 Misc : 25mL/MSVOA V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFD65DL

Quant Time: Sep 04 02:44:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR090219WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Sep 04 02:10:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	130823	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	132974	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	53613	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	70769	5.57	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	111.40%
7) Chloroethane-d5	1.58	69	113152	9.01	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	180.20%#
11) 1,1-Dichloroethene-d2	2.13	63	126814	4.09	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.80%
20) 2-Butanone-d5	3.96	46	168664	69.66	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	139.32%#
24) Chloroform-d	4.40	84	113293	5.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	116.00%
26) 1,2-Dichloroethane-d4	5.08	65	66051	6.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	130.40%#
32) Benzene-d6	5.10	84	214294	5.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	114.40%
36) 1,2-Dichloropropane-d6	6.12	67	71189	6.05	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	121.00%
41) Toluene-d8	7.36	98	176158	5.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.00%
43) trans-1,3-Dichloropropene-	7.67	79	21794	5.07	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	101.40%
46) 2-Hexanone-d5	8.14	63	106724	66.27	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	132.54%#
57) 1,1,2,2-Tetrachloroethane-	10.26	84	49697	5.97	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	119.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	60135	6.11	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	122.20%#

Target Compounds

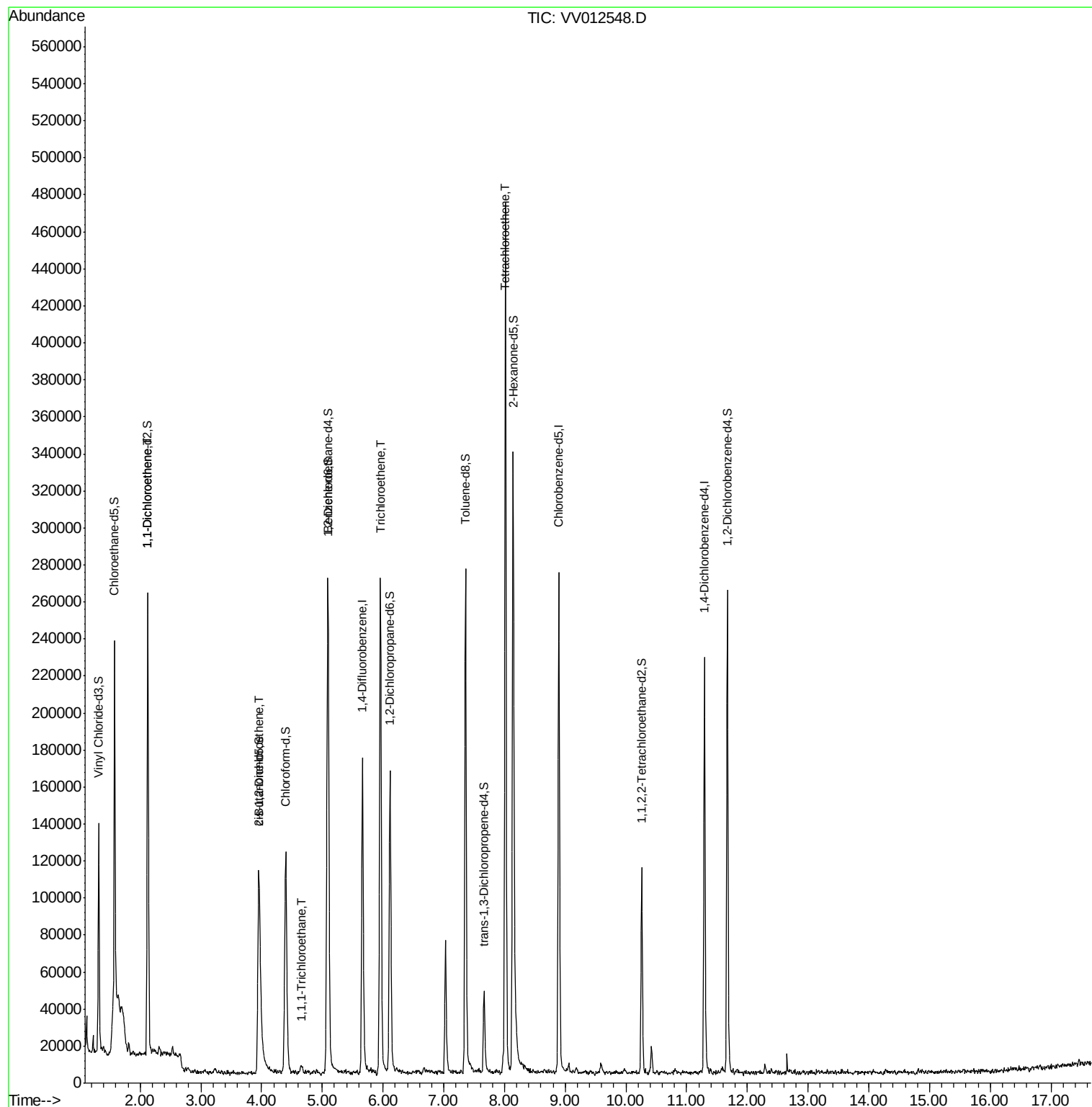
					Ovalue
12) 1,1-Dichloroethene	2.14	96	12260	0.724 ug/L #	1
22) cis-1,2-Dichloroethene	3.96	96	15293	1.094 ug/L #	99
29) 1,1,1-Trichloroethane	4.65	97	2329	0.106 ug/L #	86
34) Trichloroethene	5.96	95	89330	5.905 ug/L	95
47) Tetrachloroethene	8.02	164	91797	8.398 ug/L	98

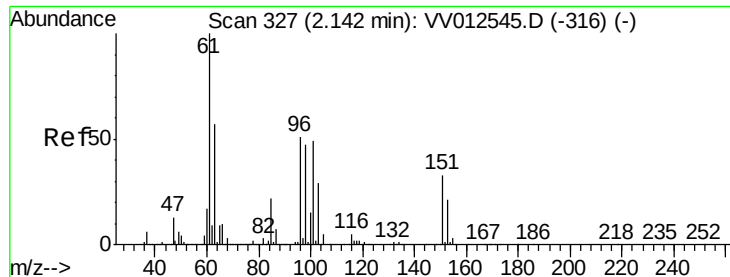
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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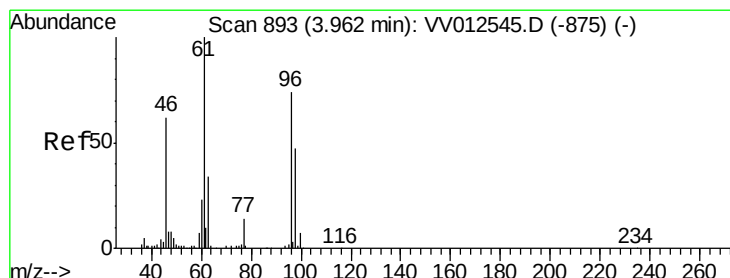
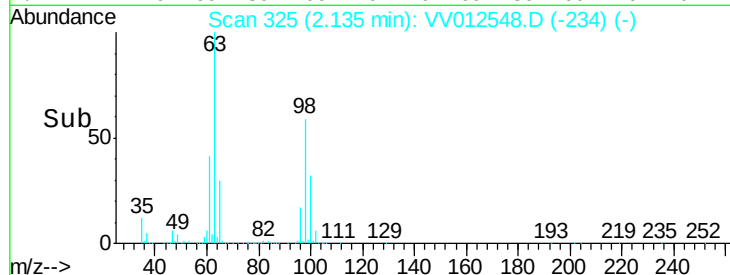
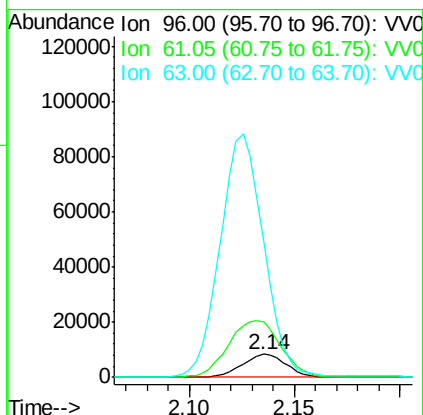
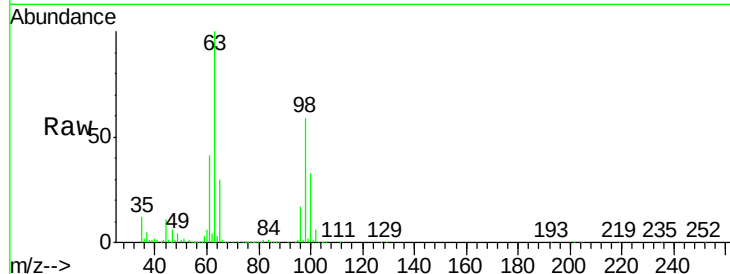




#12
 1,1-Dichloroethene
 Concen: 0.724 ug/L
 RT: 2.14 min Scan# 325
 Delta R.T. -0.01 min
 Lab File: VV012548.D
 Acq: 03 Sep 2019 15:24

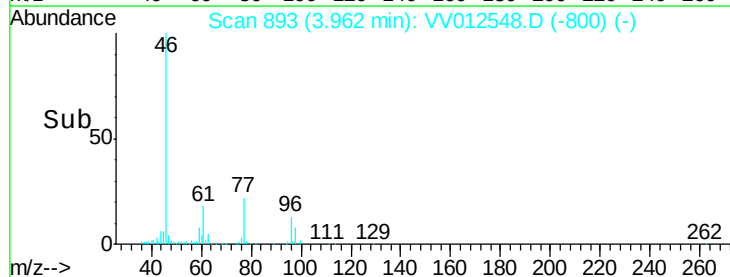
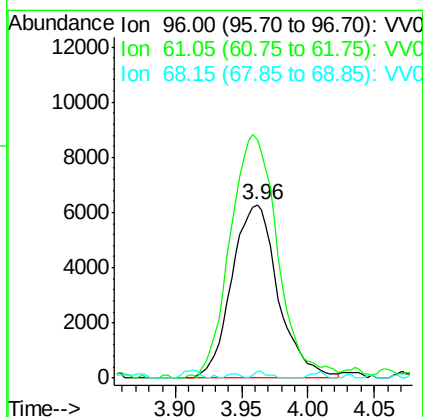
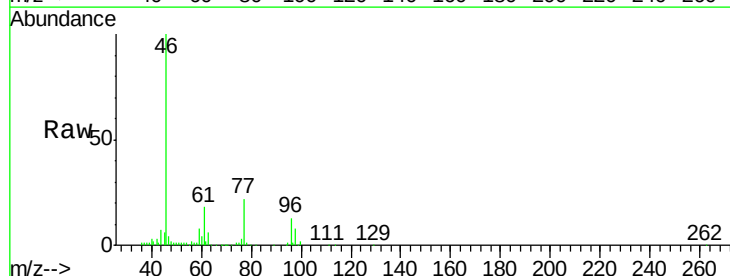
Instrument :
 MSVOA_V
 ClientSampleId :
 BFD65DL

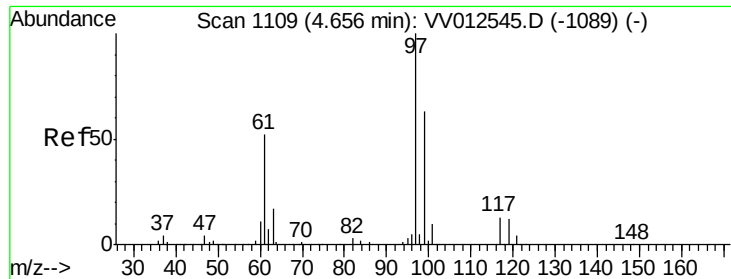
Tot Ion: 96 Resp: 12260
 Ion Ratio Lower Upper
 96 100
 61 239.0 133.7 248.3
 63 589.3 83.2 154.6#



#22
 cis-1,2-Dichloroethene
 Concen: 1.094 ug/L
 RT: 3.96 min Scan# 893
 Delta R.T. 0.00 min
 Lab File: VV012548.D
 Acq: 03 Sep 2019 15:24

Tgt Ion: 96 Resp: 15293
 Ion Ratio Lower Upper
 96 100
 61 137.6 97.5 181.1
 68 4.1 0.0 0.0#





#29

1,1,1-Trichloroethane

Concen: 0.106 ug/L

RT: 4.65 min Scan# 1108

Delta R.T. -0.00 min

Lab File: VV012548.D

Acq: 03 Sep 2019 15:24

Instrument :

MSVOA_V

ClientSampleId :

BFD65DL

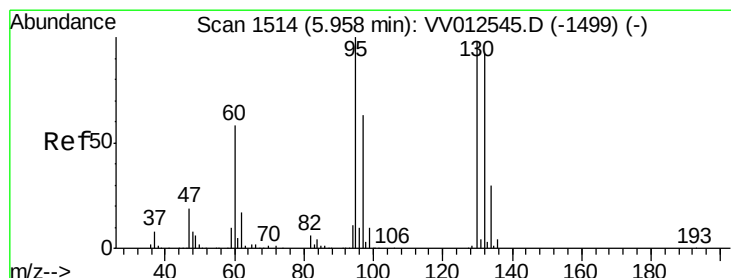
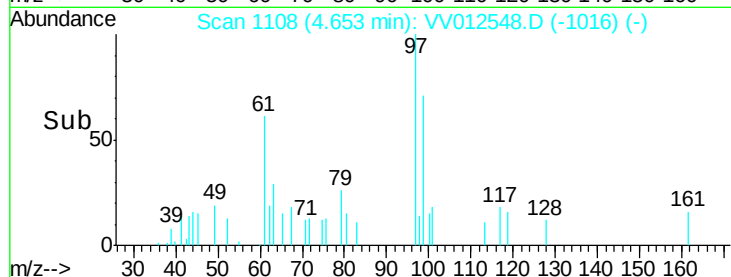
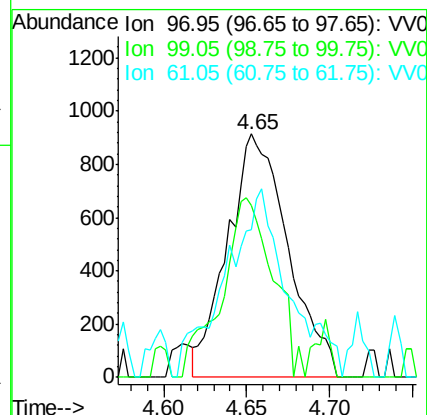
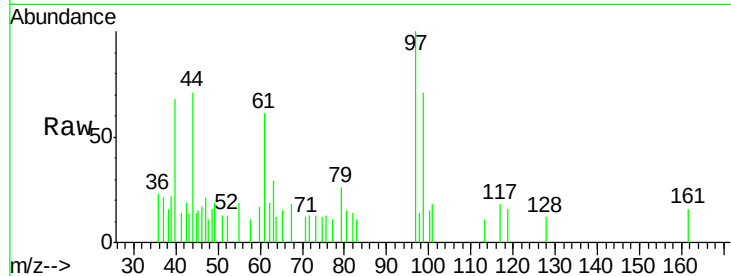
Tot Ion: 97 Resp: 2329

Ion Ratio Lower Upper

97 100

99 62.9 52.6 79.0

61 74.0 43.4 65.2#



#34

Trichloroethene

Concen: 5.905 ug/L

RT: 5.96 min Scan# 1514

Delta R.T. 0.00 min

Lab File: VV012548.D

Acq: 03 Sep 2019 15:24

Tgt Ion: 95 Resp: 89330

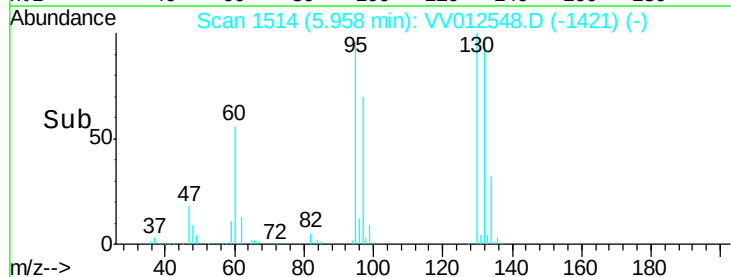
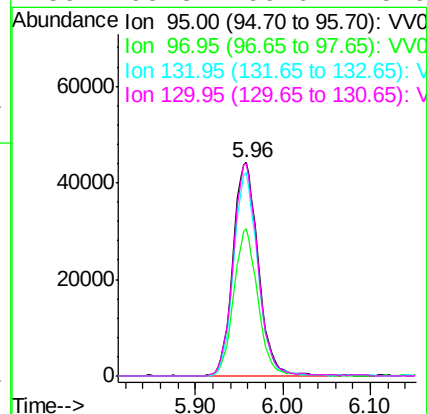
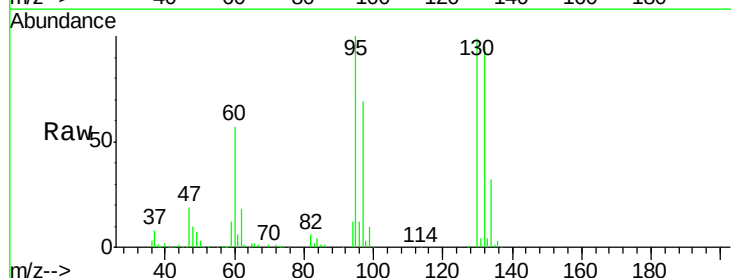
Ion Ratio Lower Upper

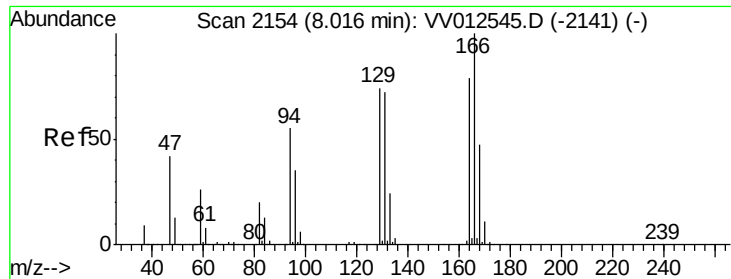
95 100

97 69.0 44.7 83.1

132 95.2 63.8 118.4

130 99.3 66.6 123.6





#47

Tetrachloroethene

Concen: 8.398 ug/L

RT: 8.02 min Scan# 2154

Delta R.T. 0.00 min

Lab File: VV012548.D

Acq: 03 Sep 2019 15:24

Instrument :

MSVOA_V

ClientSampleId :

BFD65DL

Tot Ion:164 Resp: 91797

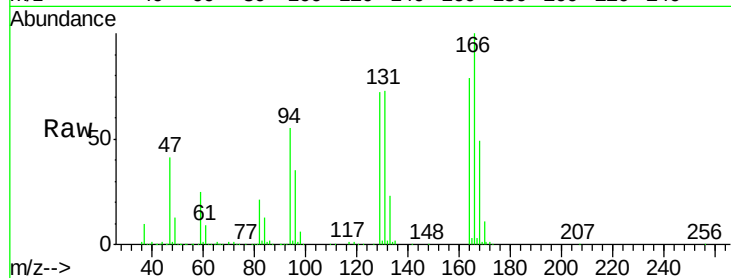
Ion Ratio Lower Upper

164 100

129 91.3 64.5 119.9

131 92.4 62.3 115.7

166 126.5 86.5 160.6



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

