

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060520\
 Data File : VV016553.D
 Acq On : 05 Jun 2020 22:54
 Operator : SY/MD
 Sample : L2872-05
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 06 06:30:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jun 06 06:28:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	414750	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	385866	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	180793	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	116365	39.61	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.22%
7) Chloroethane-d5	1.56	69	82208	38.76	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	77.52%
11) 1,1-Dichloroethene-d2	2.12	63	157324	30.21	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	60.42%
21) 2-Butanone-d5	3.89	46	182223	97.01	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.01%
24) Chloroform-d	4.37	84	233254	42.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.62%
26) 1,2-Dichloroethane-d4	5.05	65	163319	44.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.48%
32) Benzene-d6	5.07	84	470954	45.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.12%
36) 1,2-Dichloropropane-d6	6.09	67	149673	46.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.94%
41) Toluene-d8	7.34	98	425321	45.31	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.62%
43) trans-1,3-Dichloropropene-	7.64	79	63343	40.36	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.72%
47) 2-Hexanone-d5	8.11	63	137382	99.60	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.60%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	195777	44.82	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.64%
64) 1,2-Dichlorobenzene-d4	11.65	152	169154	49.79	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.58%

Target Compounds

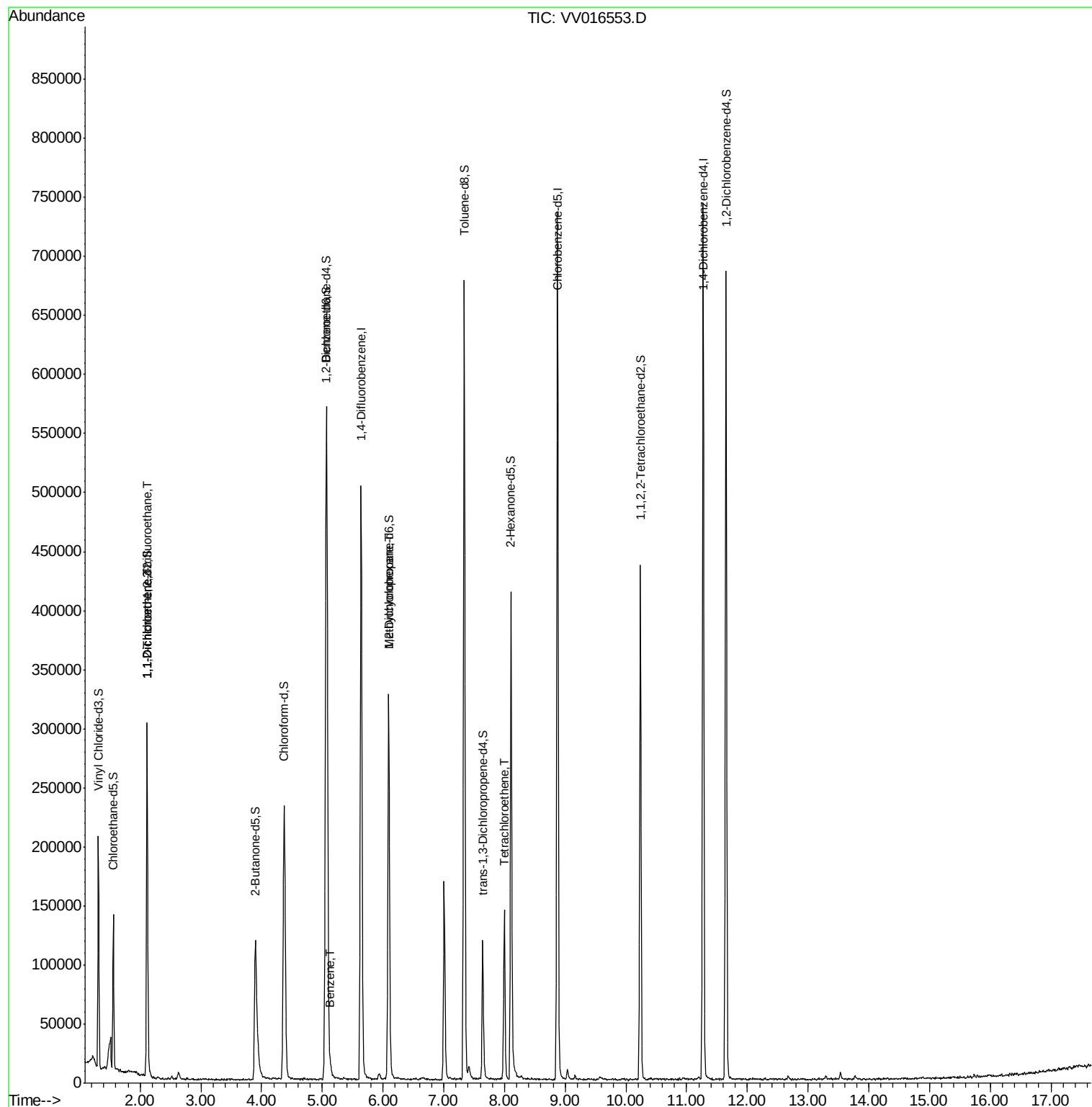
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1616	0.675 ug/L #	27
12) 1,1-Dichloroethene	2.11	96	1594	0.692 ug/L #	1
33) Benzene	5.13	78	10529	0.928 ug/L	100
35) Methylcyclohexane	6.09	83	35785	8.372 ug/L #	18
46) Tetrachloroethene	8.00	164	31788	13.846 ug/L	94

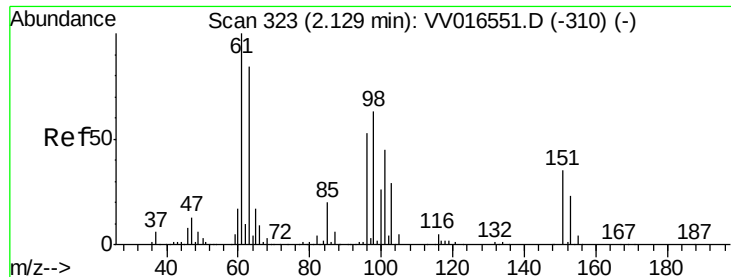
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV060520\
Data File : VV016553.D
Acq On : 05 Jun 2020 22:54
Operator : SY/MD
Sample : L2872-05
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Jun 06 06:30:39 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Jun 06 06:28:49 2020
Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.675 ug/L

RT: 2.12 min Scan# 319

Delta R.T. -0.01 min

Lab File: VV016553.D

Acq: 05 Jun 2020 22:54

Instrument :

MSVOA_V

ClientSampleId :

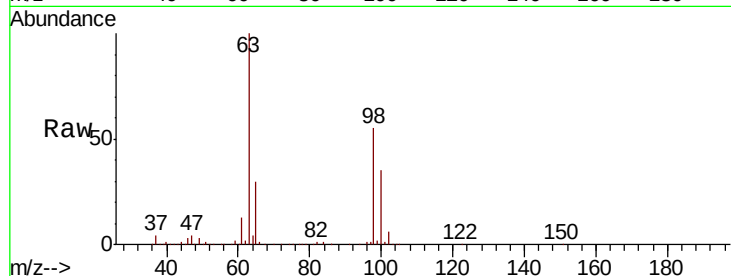
Tot Ion:101 Resp: 1616

Ion Ratio Lower Upper

101 100

85 3.8 35.6 53.4#

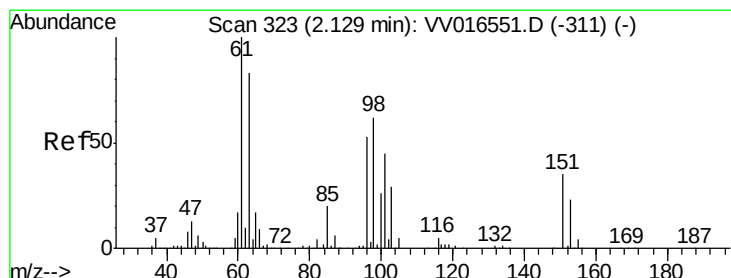
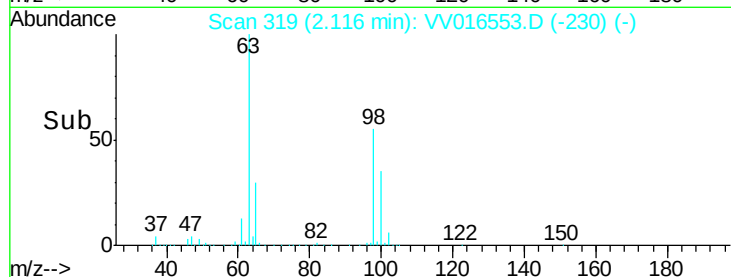
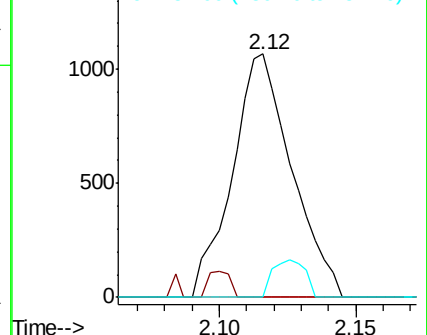
151 8.5 61.8 92.8#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 0.692 ug/L

RT: 2.11 min Scan# 318

Delta R.T. -0.02 min

Lab File: VV016553.D

Acq: 05 Jun 2020 22:54

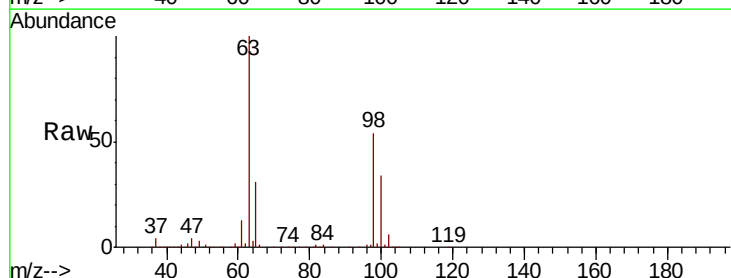
Tgt Ion: 96 Resp: 1594

Ion Ratio Lower Upper

96 100

61 1426.8 125.5 233.1#

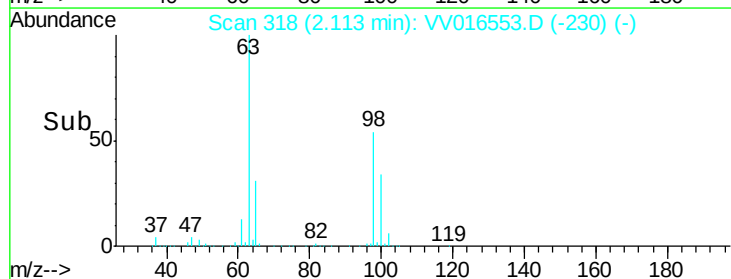
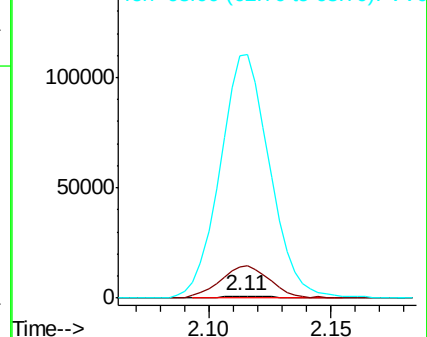
63 10897.0 104.0 193.1#

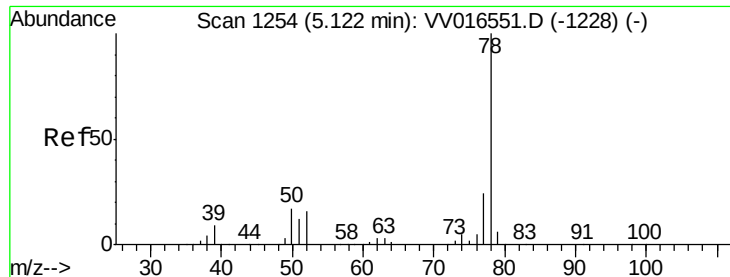


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0

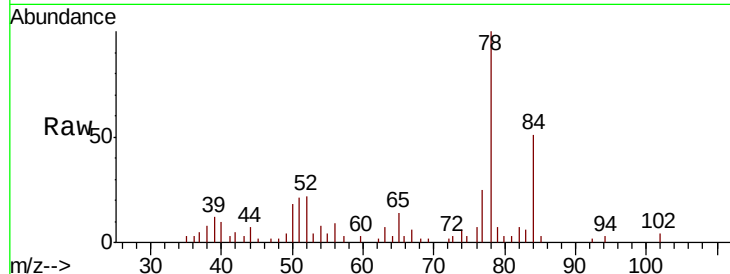




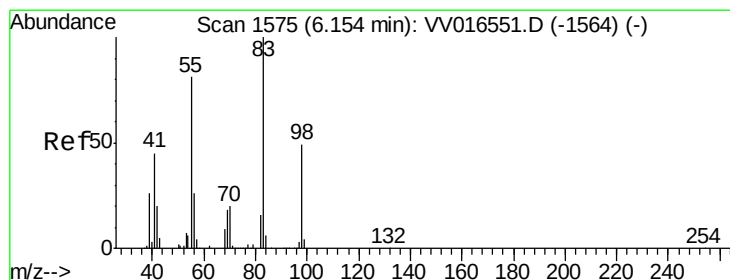
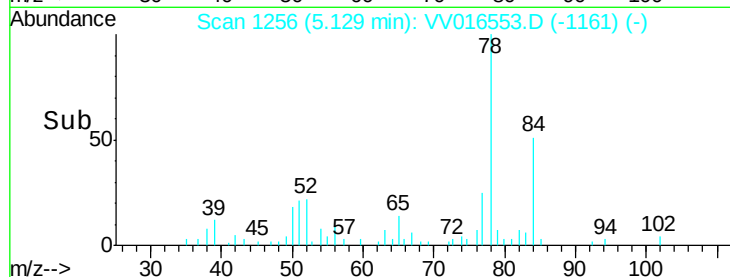
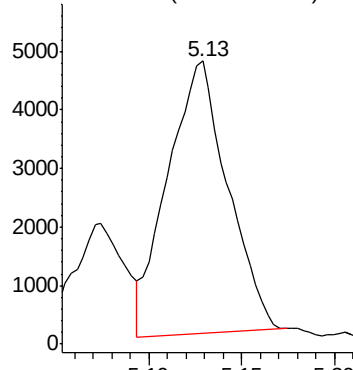
#33
Benzene
Concen: 0.928 ug/L
RT: 5.13 min Scan# 1256
Delta R.T. 0.01 min
Lab File: VV016553.D
Acq: 05 Jun 2020 22:54

Instrument :
MSVOA_V
ClientSampled :

Tgt Ion: 78 Resp: 10529

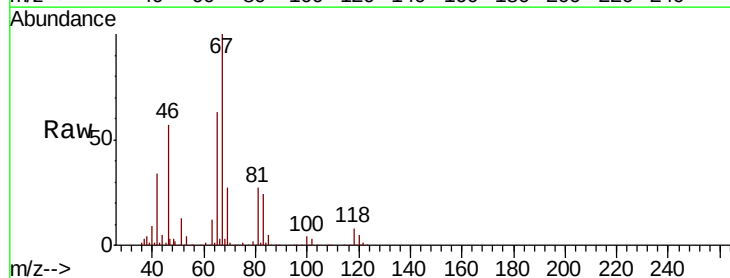


Abundance Ion 78.00 (77.70 to 78.70): VV0



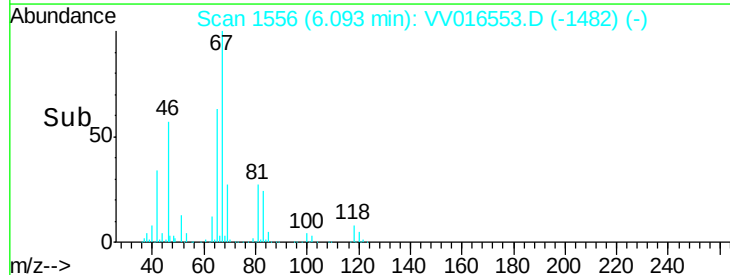
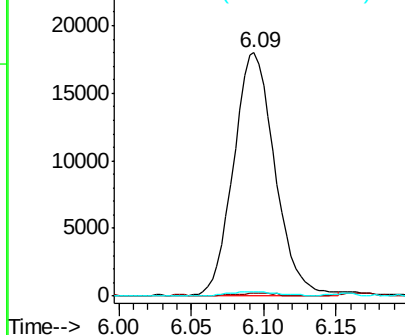
#35
Methylcyclohexane
Concen: 8.372 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.06 min
Lab File: VV016553.D
Acq: 05 Jun 2020 22:54

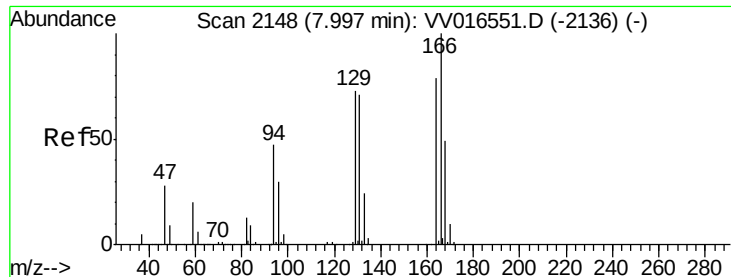
Tgt Ion: 83 Resp: 35785
Ion Ratio Lower Upper
83 100
55 0.7 63.4 95.0#
98 2.0 39.4 59.0#



Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 55.00 (54.70 to 55.70): VV0
Ion 98.00 (97.70 to 98.70): VV0





#46

Tetrachloroethene

Concen: 13.846 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. -0.00 min

Lab File: VV016553.D

Acq: 05 Jun 2020 22:54

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion:164 Resp: 31788

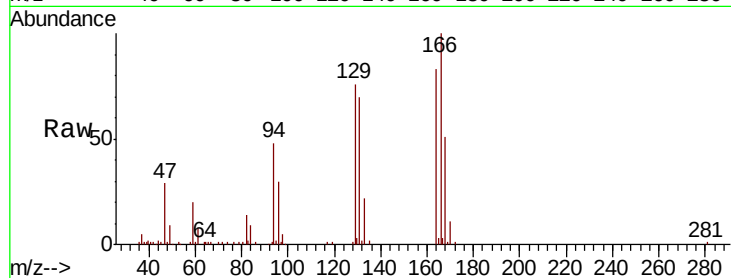
Ion Ratio Lower Upper

164 100

129 90.9 67.7 125.7

131 83.8 63.8 118.6

166 120.0 88.7 164.7



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

