

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV071020\
 Data File : VV017449.D
 Acq On : 10 Jul 2020 18:49
 Operator : SY/MD
 Sample : L3270-07
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F4A08

Quant Time: Jul 11 00:27:13 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM070820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jul 11 00:23:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	268881	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	252769	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	121955	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	53443	38.18	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	76.36%
7) Chloroethane-d5	1.58	69	43596	44.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.68%
11) 1,1-Dichloroethene-d2	2.12	63	97700	30.83	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	61.66%
21) 2-Butanone-d5	3.91	46	85806	89.75	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	89.75%
24) Chloroform-d	4.38	84	146090	45.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.24%
26) 1,2-Dichloroethane-d4	5.06	65	107999	48.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.20%
32) Benzene-d6	5.08	84	253443	46.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.84%
36) 1,2-Dichloropropane-d6	6.09	67	74849	47.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.20%
41) Toluene-d8	7.34	98	238342	45.40	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.80%
43) trans-1,3-Dichloropropene-	7.64	79	42139	46.04	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.08%
47) 2-Hexanone-d5	8.11	63	59147	91.66	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	91.66%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	98784	44.74	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.48%
64) 1,2-Dichlorobenzene-d4	11.65	152	104124	51.06	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.12%

Target Compounds

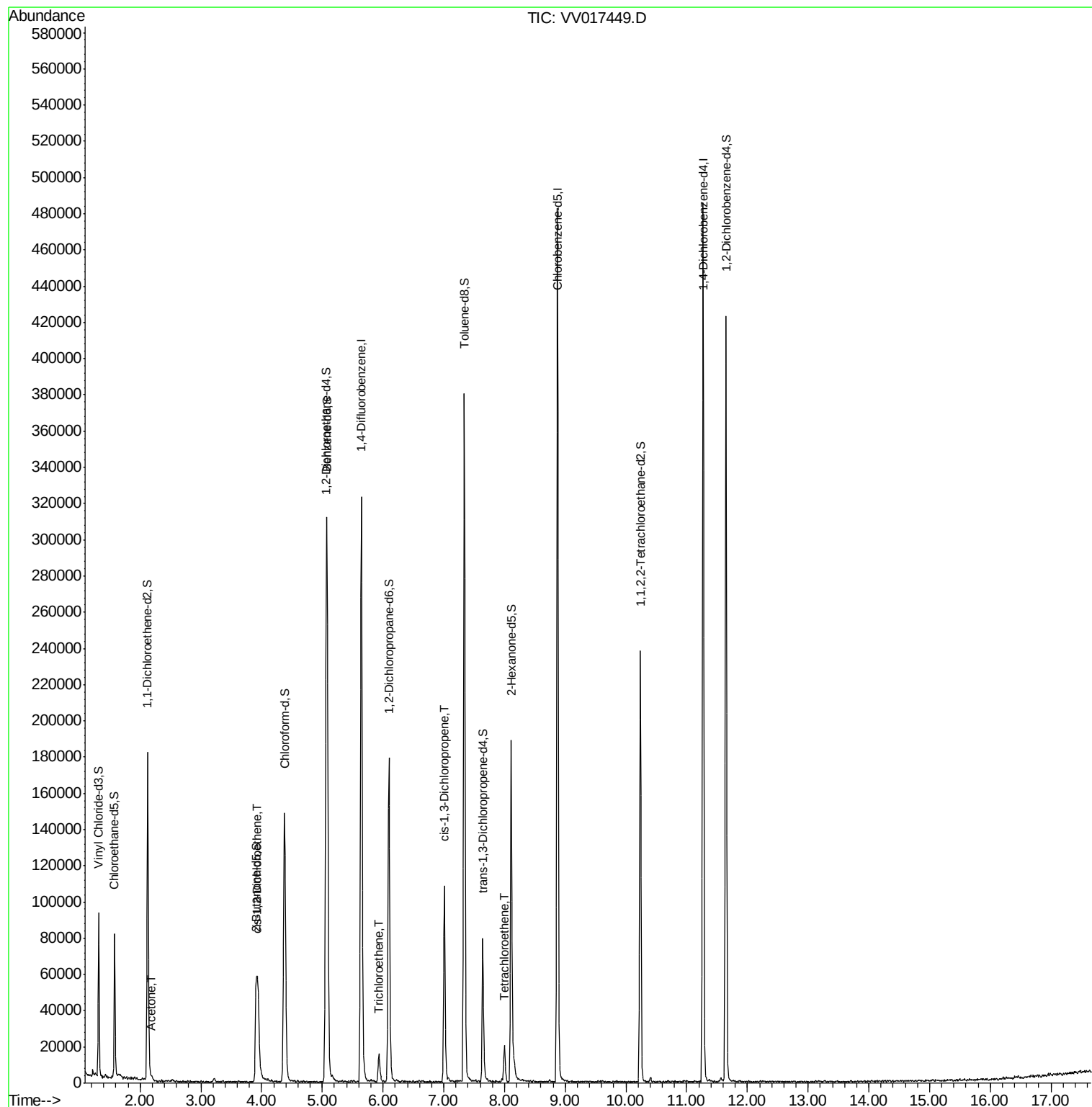
					Ovalue
13) Acetone	2.19	43	2887	2.218 ug/L	92
20) cis-1,2-Dichloroethene	3.94	96	18975	10.084 ug/L	97
34) Trichloroethene	5.95	95	1428	0.720 ug/L	97
39) cis-1,3-Dichloropropene	7.01	75	2638	0.947 ug/L #	70
46) Tetrachloroethene	8.00	164	4627	2.778 ug/L	94

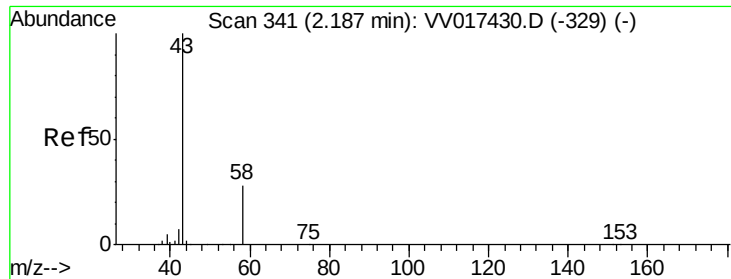
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Jul 11 00:23:19 2020
Response via : Initial Calibration





#13

Acetone

Concen: 2.218 ug/L

RT: 2.19 min Scan# 342

Delta R.T. 0.00 min

Lab File: VV017449.D

Acq: 10 Jul 2020 18:49

Instrument :

MSVOA_V

ClientSampled :

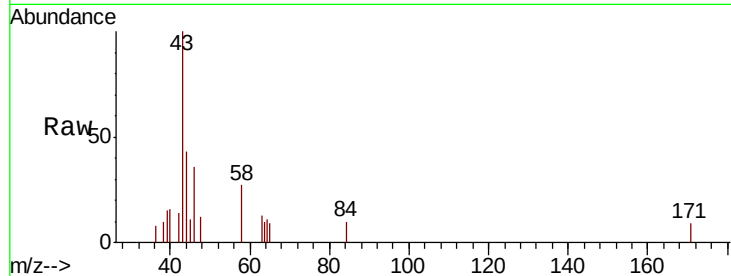
F4A08

Tot Ion: 43 Resp: 2887

Ion Ratio Lower Upper

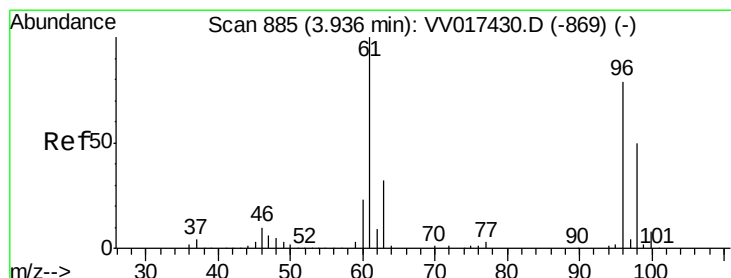
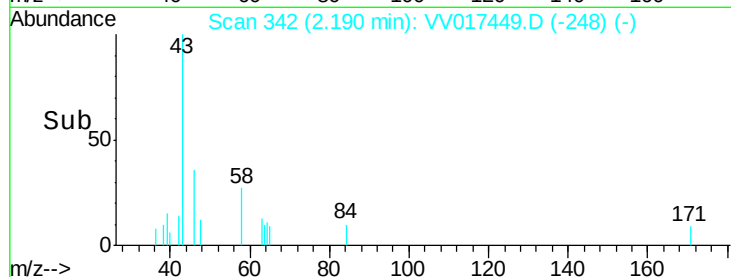
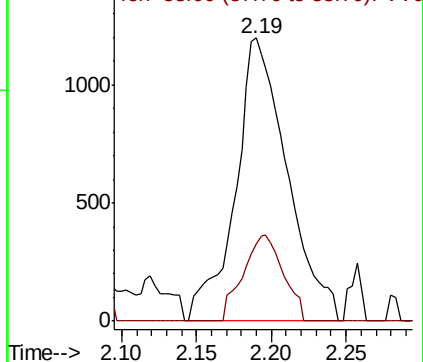
43 100

58 23.6 0.0 56.0



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0



#20

cis-1,2-Dichloroethene

Concen: 10.084 ug/L

RT: 3.94 min Scan# 887

Delta R.T. 0.01 min

Lab File: VV017449.D

Acq: 10 Jul 2020 18:49

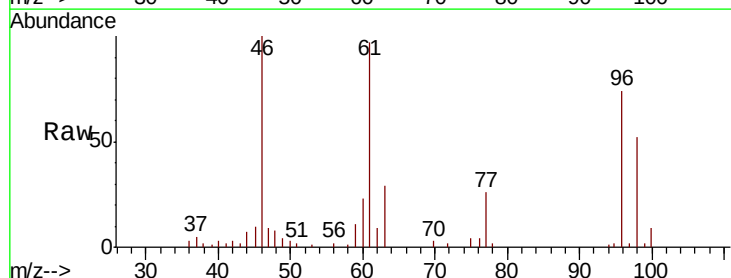
Tgt Ion: 96 Resp: 18975

Ion Ratio Lower Upper

96 100

61 130.7 88.9 165.1

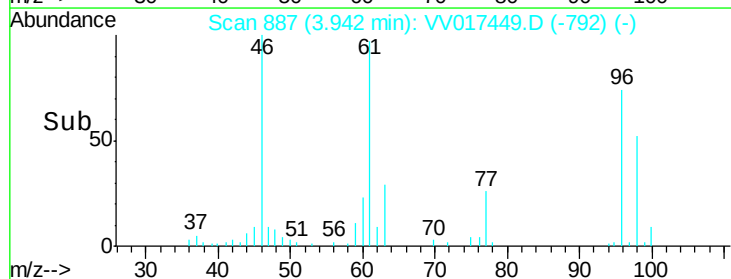
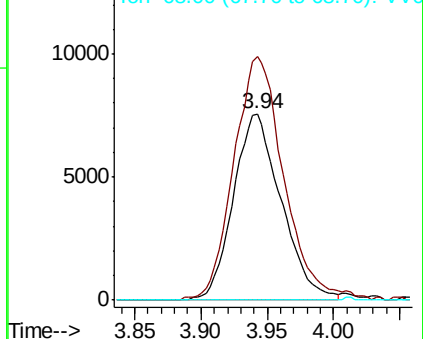
68 0.0 0.0 0.0

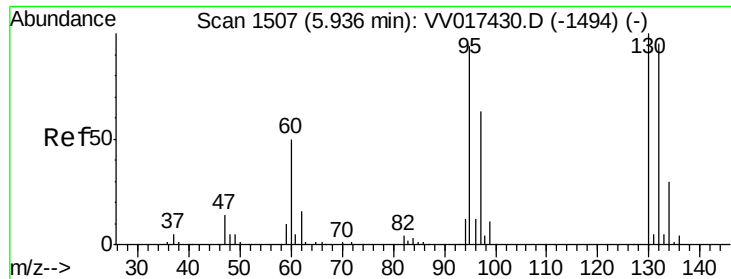


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 68.00 (67.70 to 68.70): VV0

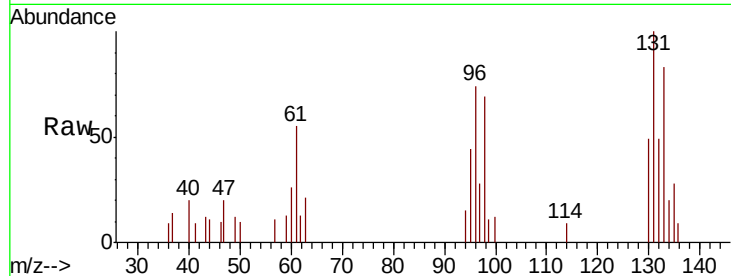




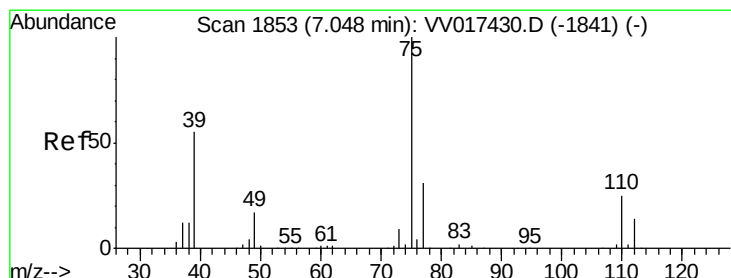
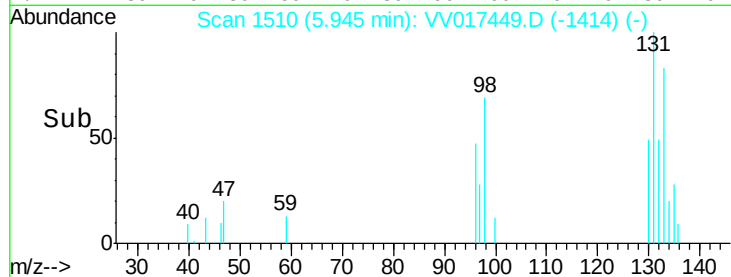
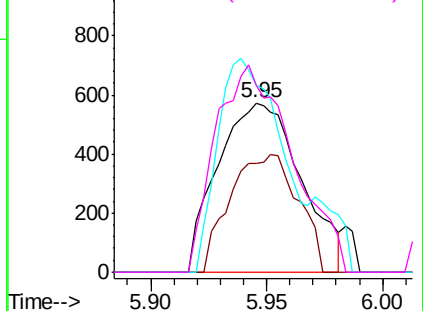
#34
 Trichloroethene
 Concen: 0.720 ug/L
 RT: 5.95 min Scan# 1510
 Delta R.T. 0.01 min
 Lab File: VV017449.D
 Acq: 10 Jul 2020 18:49

Instrument :
 MSVOA_V
 ClientSampled :
 F4A08

Tot Ion: 95 Resp: 1428
 Ion Ratio Lower Upper
 95 100
 97 64.2 45.6 84.6
 132 110.3 74.1 137.5
 130 110.6 75.5 140.3

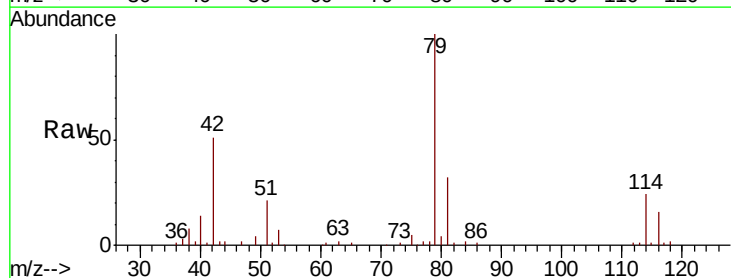


Abundance Ion 95.00 (94.70 to 95.70): VV0
 Ion 97.00 (96.70 to 97.70): VV0
 Ion 132.00 (131.70 to 132.70): VV0
 Ion 130.00 (129.70 to 130.70): VV0

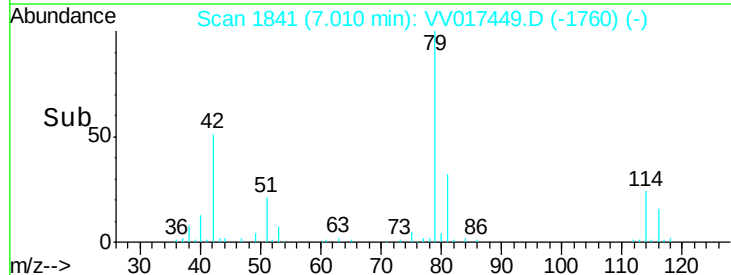
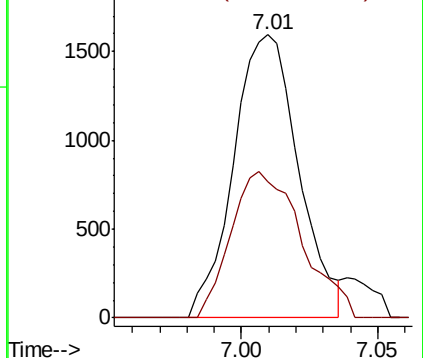


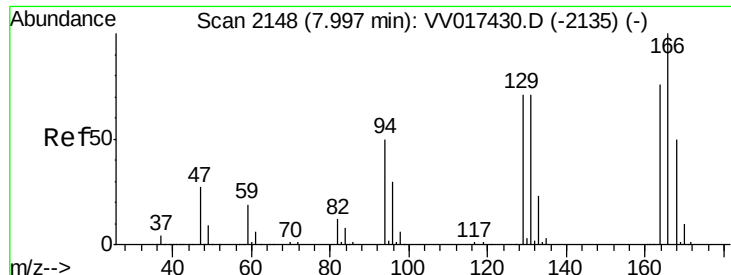
#39
 cis-1,3-Dichloropropene
 Concen: 0.947 ug/L
 RT: 7.01 min Scan# 1841
 Delta R.T. -0.04 min
 Lab File: VV017449.D
 Acq: 10 Jul 2020 18:49

Tgt Ion: 75 Resp: 2638
 Ion Ratio Lower Upper
 75 100
 77 48.2 22.2 41.2#



Abundance Ion 75.00 (74.70 to 75.70): VV0
 Ion 77.00 (76.70 to 77.70): VV0





#46

Tetrachloroethene

Concen: 2.778 ug/L

RT: 8.00 min Scan# 2149

Delta R.T. 0.00 min

Lab File: VV017449.D

Acq: 10 Jul 2020 18:49

Instrument :

MSVOA_V

ClientSampleId :

F4A08

Tot Ion:164 Resp: 4627

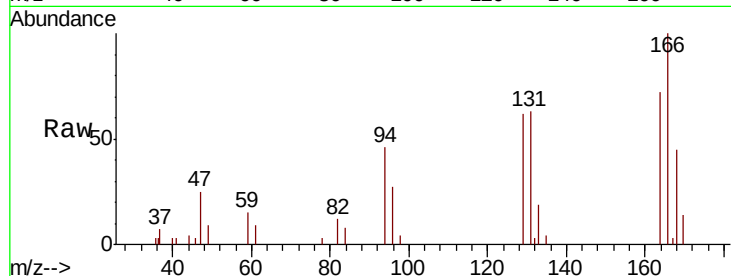
Ion Ratio Lower Upper

164 100

129 86.7 66.6 123.8

131 87.2 65.5 121.7

166 138.9 93.9 174.5



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

