

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U121919\
 Data File : VU036281.D
 Acq On : 19 Dec 2019 11:05
 Operator : JC/MD
 Sample : K6214-02
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BD804

Quant Time: Dec 20 03:29:51 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121319WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Dec 20 03:13:48 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	237245	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	259104	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	74202	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	117587	5.63	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	112.60%
7) Chloroethane-d5	1.93	69	107058	5.72	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	114.40%
11) 1,1-Dichloroethene-d2	2.59	63	121439	4.03	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.60%
20) 2-Butanone-d5	4.68	46	175346	44.80	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.60%
24) Chloroform-d	5.11	84	161708	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.20%
26) 1,2-Dichloroethane-d4	5.75	65	89952	5.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.00%
32) Benzene-d6	5.77	84	317917	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.60%
36) 1,2-Dichloropropane-d6	6.73	67	99383	4.84	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.80%
41) Toluene-d8	7.93	98	250230	4.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.60%
43) trans-1,3-Dichloropropene-	8.21	79	38237	4.53	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.60%
46) 2-Hexanone-d5	8.69	63	138213	42.81	ug/L	0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.62%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	84569	4.51	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.20%
64) 1,2-Dichlorobenzene-d4	12.22	152	72266	5.09	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.80%

Target Compounds

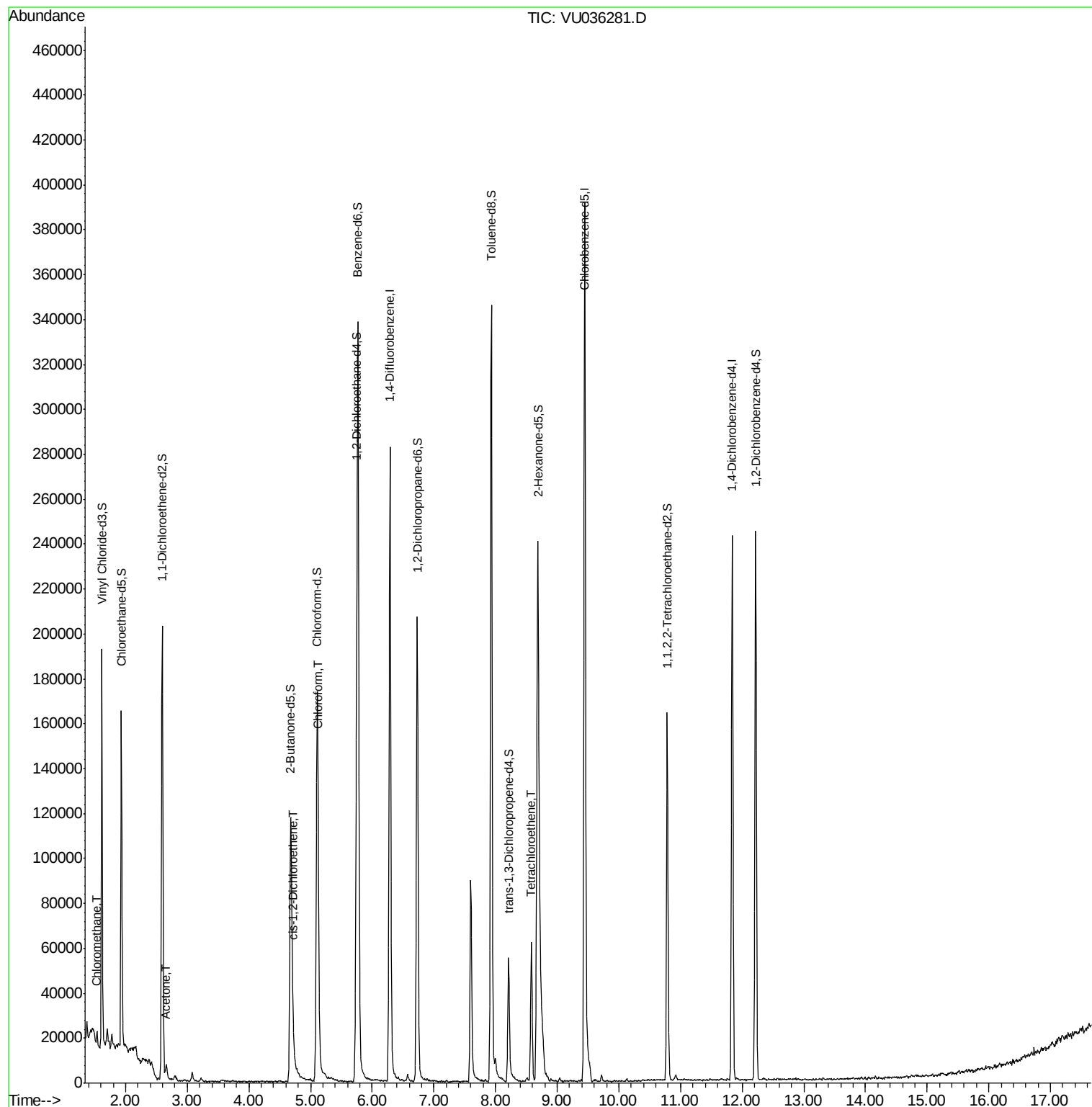
					Ovalue
3) Chloromethane	1.54	50	4527	0.136 ug/L	93
13) Acetone	2.66	43	7024	2.059 ug/L	97
22) cis-1,2-Dichloroethene	4.72	96	6225	0.315 ug/L	98
25) Chloroform	5.13	83	18917	0.514 ug/L	96
47) Tetrachloroethene	8.58	164	15374	0.829 ug/L	91

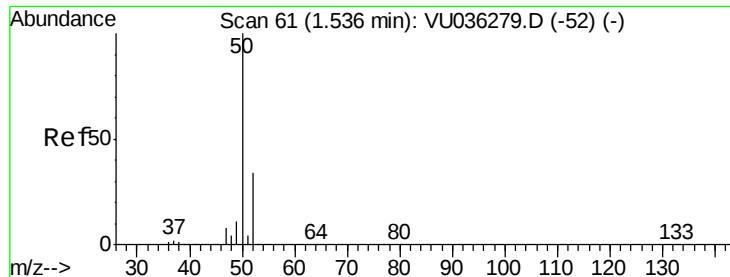
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.136 ug/L

RT: 1.54 min Scan# 62

Delta R.T. 0.00 min

Lab File: VU036281.D

Acq: 19 Dec 2019 11:05

Instrument :

MSVOA_U

ClientSampleId :

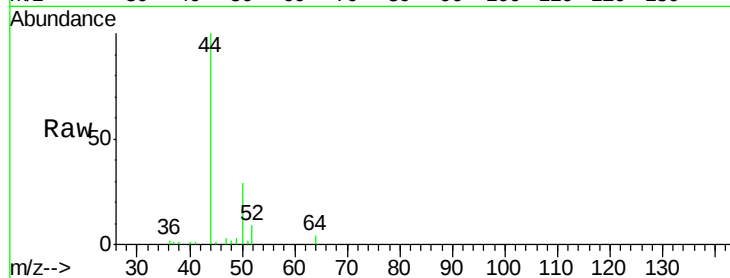
BD804

Tot Ion: 50 Resp: 4527

Ion Ratio Lower Upper

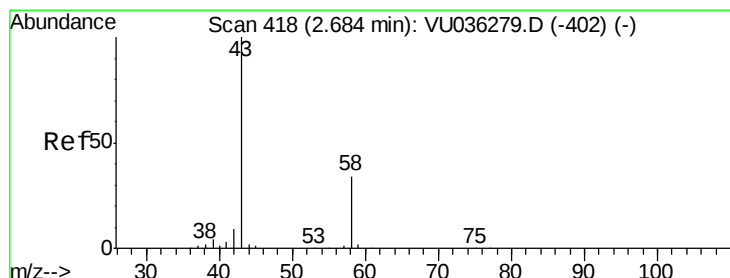
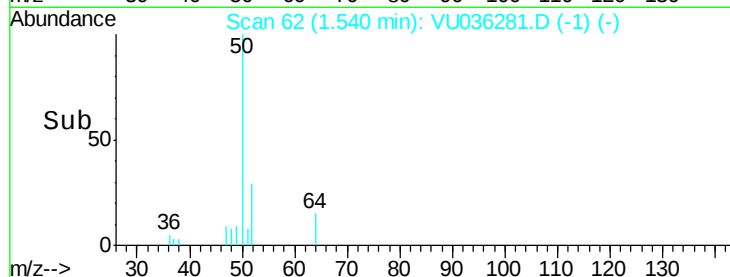
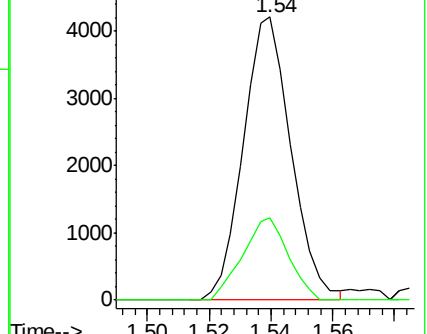
50 100

52 29.2 23.1 42.9



Abundance Ion 50.05 (49.75 to 50.75): VU0

Ion 52.05 (51.75 to 52.75): VU0



#13

Acetone

Concen: 2.059 ug/L

RT: 2.66 min Scan# 411

Delta R.T. -0.02 min

Lab File: VU036281.D

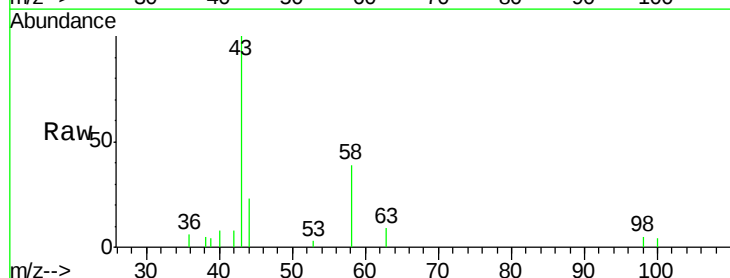
Acq: 19 Dec 2019 11:05

Tgt Ion: 43 Resp: 7024

Ion Ratio Lower Upper

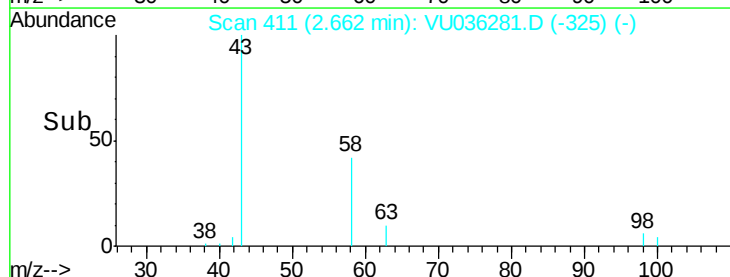
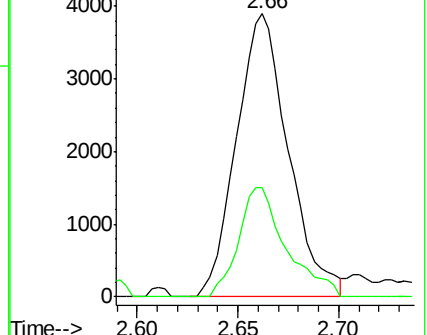
43 100

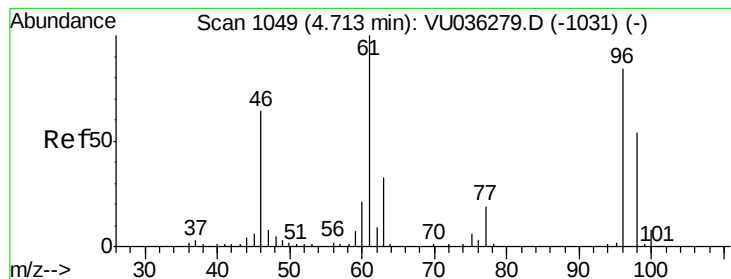
58 35.3 0.0 67.6



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0





#22

cis-1,2-Dichloroethene

Concen: 0.315 ug/L

RT: 4.72 min Scan# 1051

Delta R.T. 0.01 min

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Acq: 19 Dec 2019 11:05

Instrument :

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ClientSampleId :

BD804

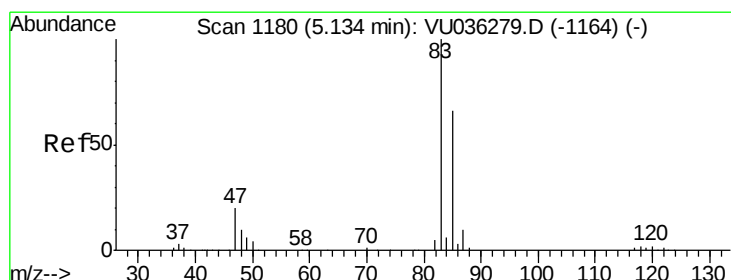
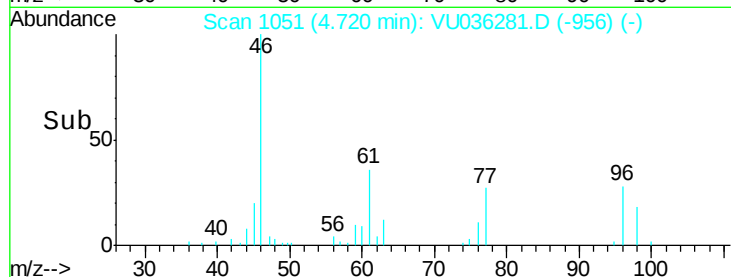
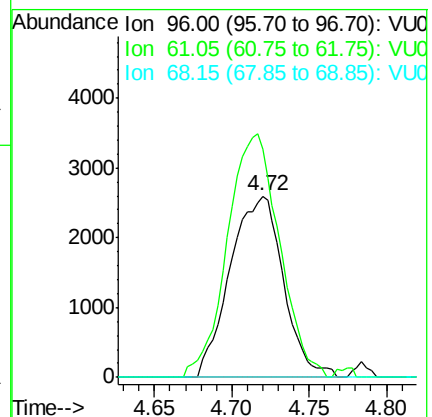
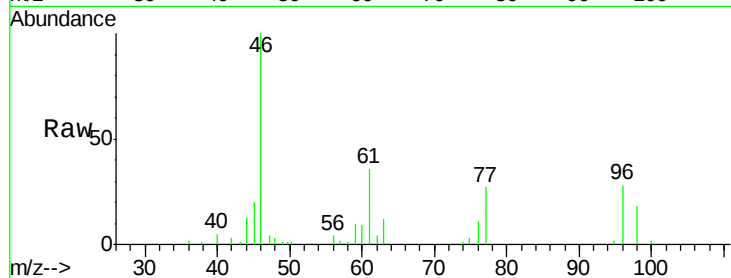
Tot Ion: 96 Resp: 6225

Ion Ratio Lower Upper

96 100

61 126.3 86.7 161.1

68 0.0 0.0 0.0



#25

Chloroform

Concen: 0.514 ug/L

RT: 5.13 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VU036281.D

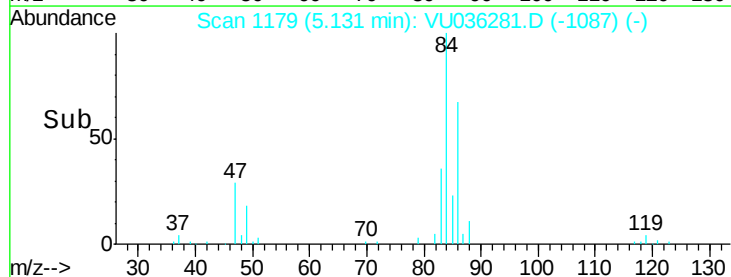
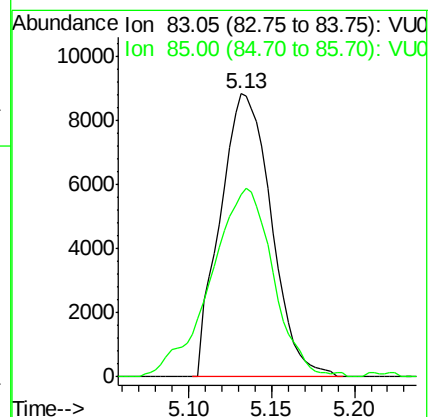
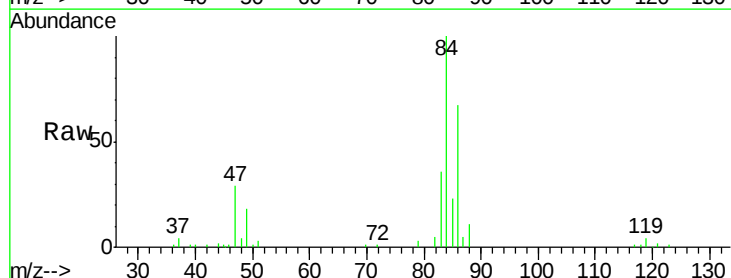
Acq: 19 Dec 2019 11:05

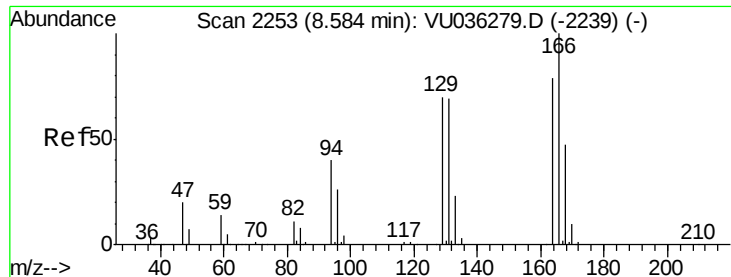
Tgt Ion: 83 Resp: 18917

Ion Ratio Lower Upper

83 100

85 64.6 47.5 88.1





#47

Tetrachloroethene

Concen: 0.829 ug/L

RT: 8.58 min Scan# 2253

Delta R.T. 0.00 min

Lab File: VU036281.D

Acq: 19 Dec 2019 11:05

Instrument :
MSVOA_U
ClientSampleId :
BD804

Tot Ion:164 Resp: 15374

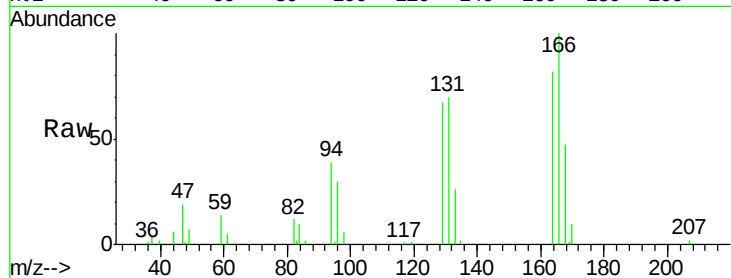
Ion Ratio Lower Upper

164 100

129 81.9 64.2 119.2

131 86.1 66.6 123.8

166 122.4 93.1 172.9



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

