

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV101819\
 Data File : VV013217.D
 Acq On : 18 Oct 2019 21:36
 Operator : SY/MD
 Sample : K5321-14
 Misc : 25.00ML/MSVOA_V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E0AB1

Quant Time: Nov 01 04:09:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR101819WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Nov 01 02:14:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	479080	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	475899	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	251694	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	210015	4.27	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.40%
7) Chloroethane-d5	1.58	69	178917	4.60	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.00%
11) 1,1-Dichloroethene-d2	2.13	63	253398	3.33	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.60%
20) 2-Butanone-d5	3.96	46	477054	47.13	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.26%
24) Chloroform-d	4.40	84	410760	4.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.20%
26) 1,2-Dichloroethane-d4	5.08	65	201882	4.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.20%
32) Benzene-d6	5.09	84	857352	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.40%
36) 1,2-Dichloropropane-d6	6.11	67	255556	4.72	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.40%
41) Toluene-d8	7.36	98	721277	4.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.20%
43) trans-1,3-Dichloropropene-	7.66	79	84521	4.37	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.40%
46) 2-Hexanone-d5	8.13	63	343434	44.23	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.46%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	177153	4.58	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.60%
64) 1,2-Dichlorobenzene-d4	11.67	152	272614	5.11	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.20%

Target Compounds

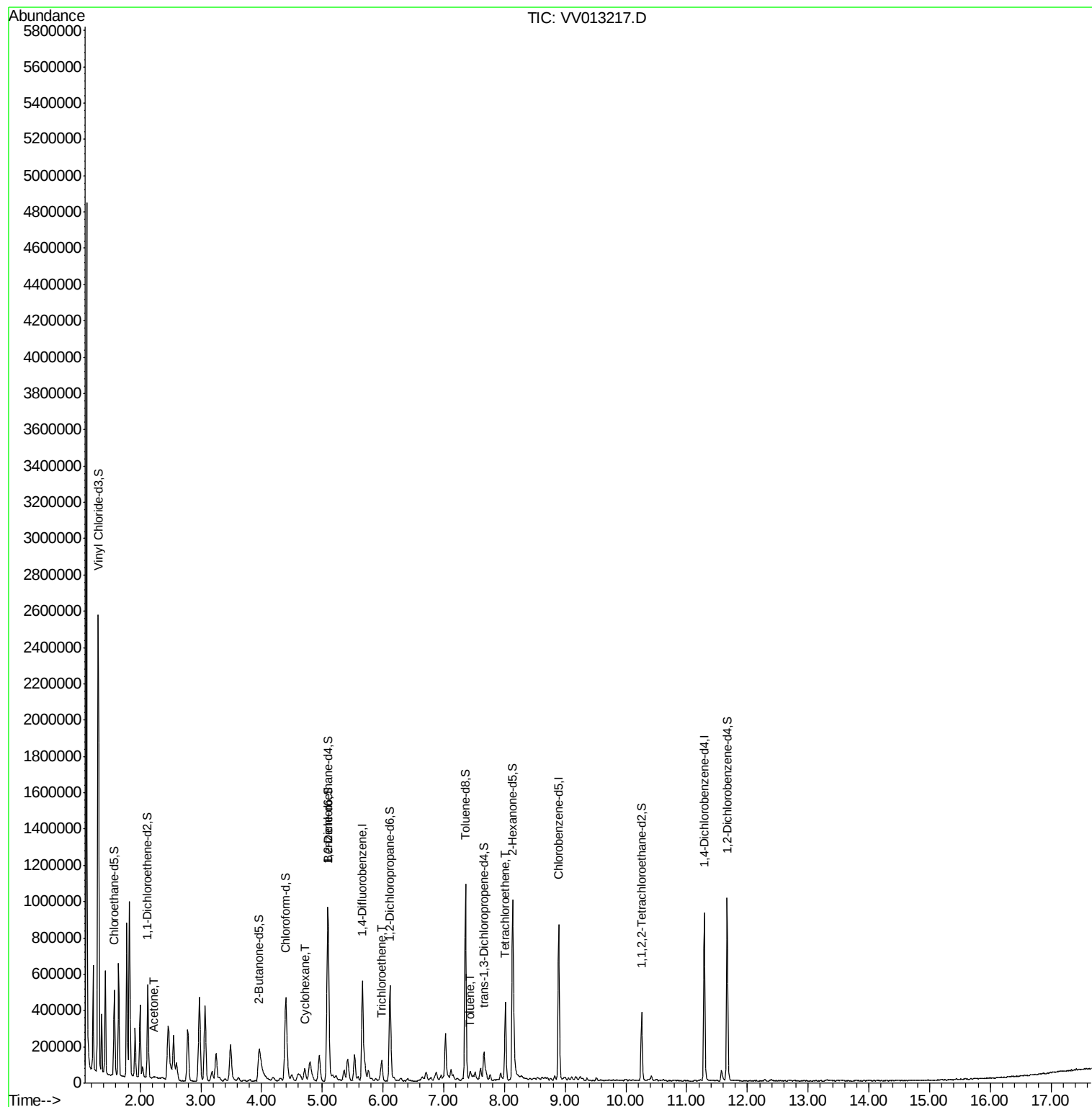
					Qvalue
13) Acetone	2.22	43	15194	3.065 ug/L	87
30) Cyclohexane	4.71	56	14244	0.188 ug/L #	40
34) Trichloroethene	5.96	95	10036	0.202 ug/L	92
42) Toluene	7.43	91	21404	0.109 ug/L	96
47) Tetrachloroethene	8.02	164	101091	2.326 ug/L	97

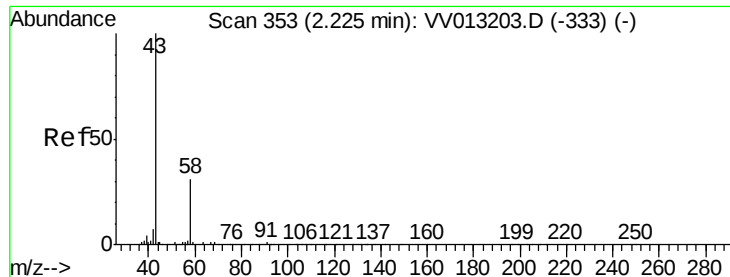
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Nov 01 02:14:39 2019
Response via : Initial Calibration





#13

Acetone

Concen: 3.065 ug/L

RT: 2.22 min Scan# 352

Delta R.T. -0.00 min

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MSVOA_V

ClientSampleId :

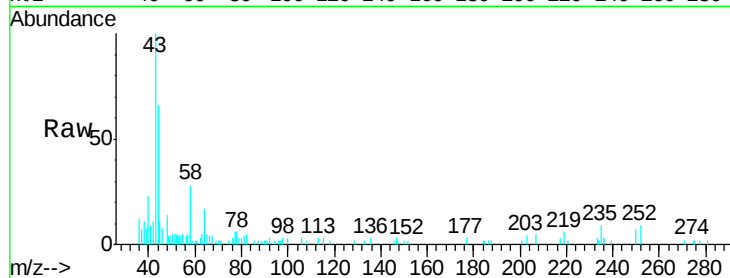
E0AB1

Tgt Ion: 43 Resp: 15194

Ion Ratio Lower Upper

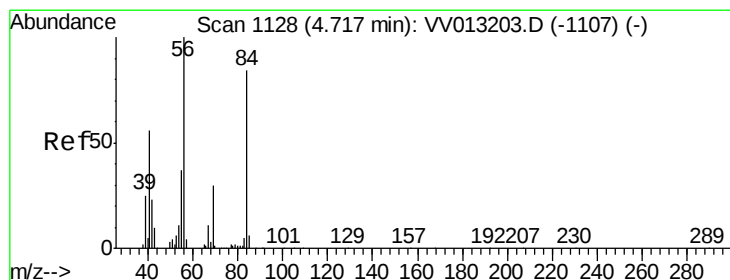
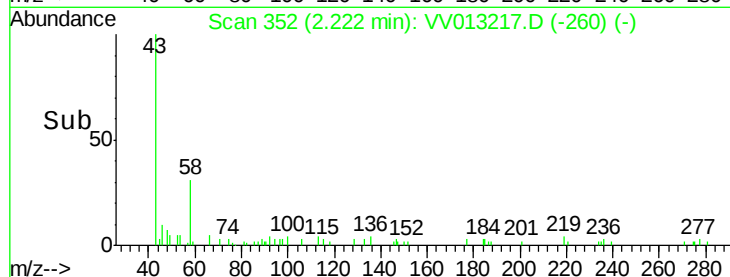
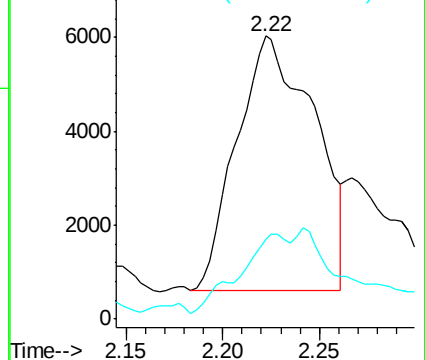
43 100

58 19.8 0.0 52.4



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0



#30

Cyclohexane

Concen: 0.188 ug/L

RT: 4.71 min Scan# 1127

Delta R.T. -0.00 min

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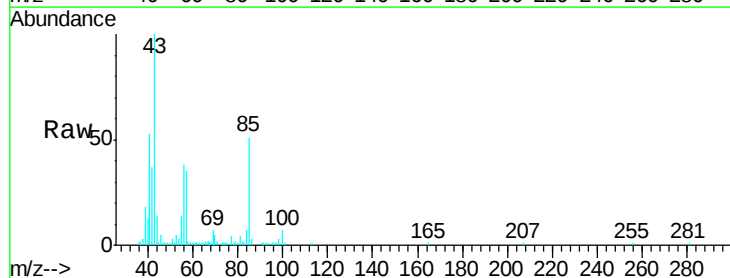
Tgt Ion: 56 Resp: 14244

Ion Ratio Lower Upper

56 100

69 16.0 23.0 34.4#

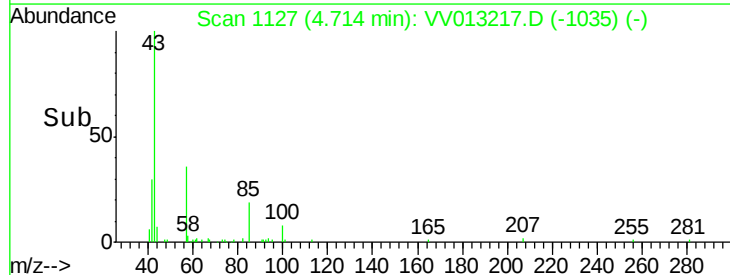
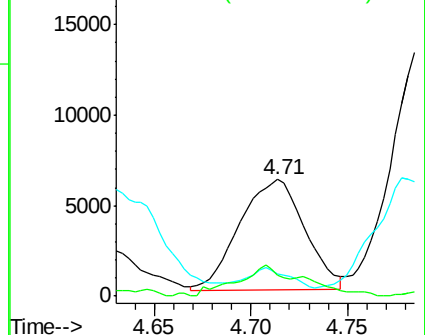
84 19.4 69.0 103.4#

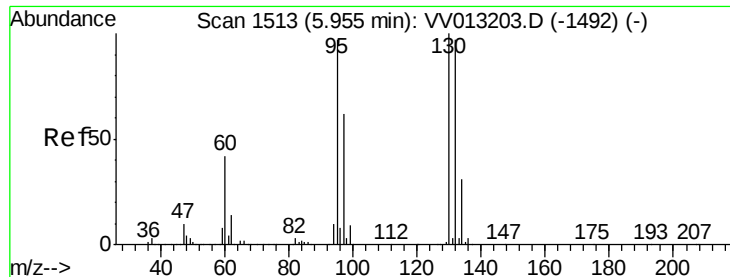


Abundance Ion 56.10 (55.80 to 56.80): VV0

Ion 69.15 (68.85 to 69.85): VV0

Ion 84.15 (83.85 to 84.85): VV0





#34

Trichloroethene

Concen: 0.202 ug/L

RT: 5.96 min Scan# 1515

Delta R.T. 0.01 min

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Acq: 18 Oct 2019 21:36

Instrument :

MSVOA_V

ClientSampleId :

E0AB1

Tgt Ion: 95 Resp: 10036

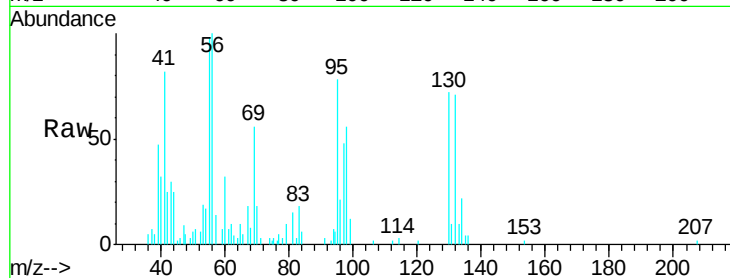
Ion Ratio Lower Upper

95 100

97 61.4 44.7 82.9

132 90.5 68.9 127.9

130 91.9 72.7 134.9

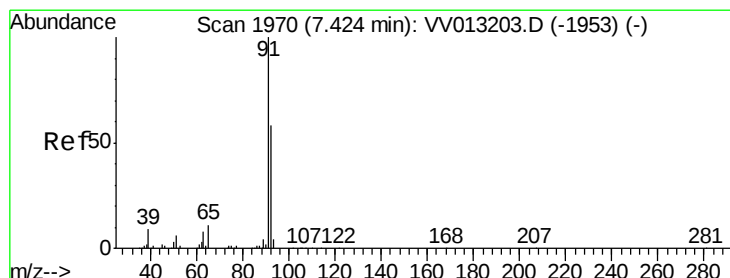
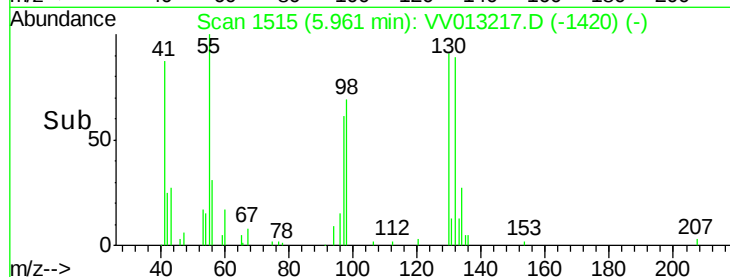
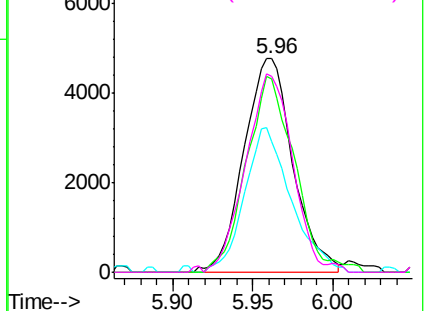


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



#42

Toluene

Concen: 0.109 ug/L

RT: 7.43 min Scan# 1973

Delta R.T. 0.01 min

Lab File: VV013217.D

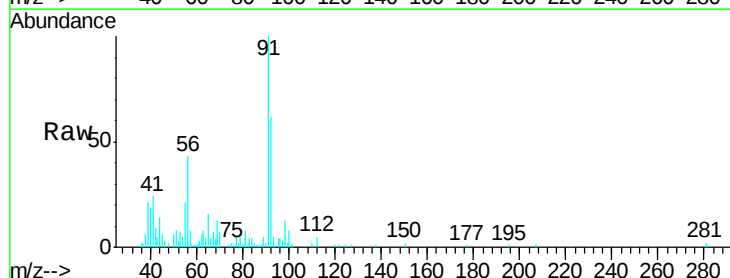
Acq: 18 Oct 2019 21:36

Tgt Ion: 91 Resp: 21404

Ion Ratio Lower Upper

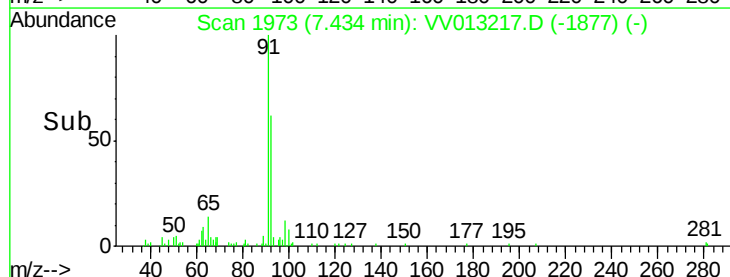
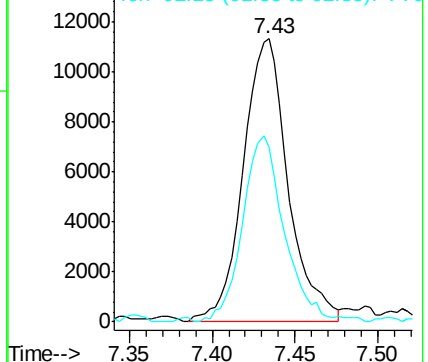
91 100

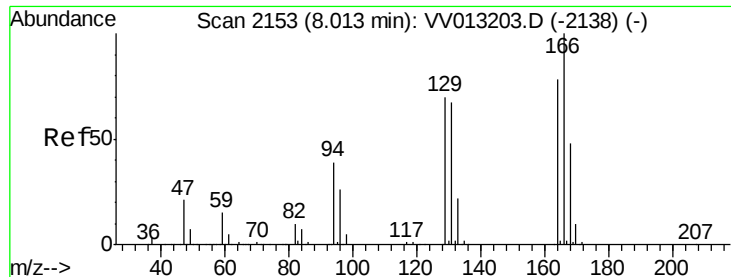
92 61.6 41.2 76.4



Abundance Ion 91.15 (90.85 to 91.85): VV0

Ion 92.15 (91.85 to 92.85): VV0





#47

Tetrachloroethene

Concen: 2.326 ug/L

RT: 8.02 min Scan# 2154

Delta R.T. 0.00 min

Lab File: VV013217.D

Acq: 18 Oct 2019 21:36

Instrument :
MSVOA_V
ClientSampleId :
E0AB1

Tgt Ion:164 Resp: 101091

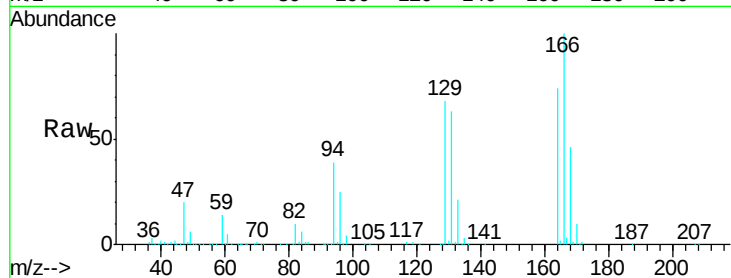
Ion Ratio Lower Upper

164 100

129 92.5 62.2 115.4

131 84.7 59.9 111.3

166 135.5 91.1 169.1



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

