

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV061819\
 Data File : VV011566.D
 Acq On : 18 Jun 2019 10:55
 Operator : SY/MD
 Sample : K3313-06
 Misc : 25ML/MSVOA V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 COLY6

Quant Time: Jun 18 12:13:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061419WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jun 18 11:44:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	155752	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	149086	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	60765	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	54427	4.63	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.60%
7) Chloroethane-d5	1.58	69	39040	5.24	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.80%
11) 1,1-Dichloroethene-d2	2.12	63	97774	4.37	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.40%
20) 2-Butanone-d5	3.96	46	166896	50.44	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.88%
24) Chloroform-d	4.39	84	108146	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.60%
26) 1,2-Dichloroethane-d4	5.08	65	65961	5.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.60%
32) Benzene-d6	5.09	84	218566	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.20%
36) 1,2-Dichloropropane-d6	6.11	67	71084	5.03	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.60%
41) Toluene-d8	7.36	98	188075	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.80%
43) trans-1,3-Dichloropropene-	7.66	79	22667	4.82	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.40%
46) 2-Hexanone-d5	8.14	63	122197	45.07	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.14%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	47341	4.47	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	59867	4.94	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.80%

Target Compounds

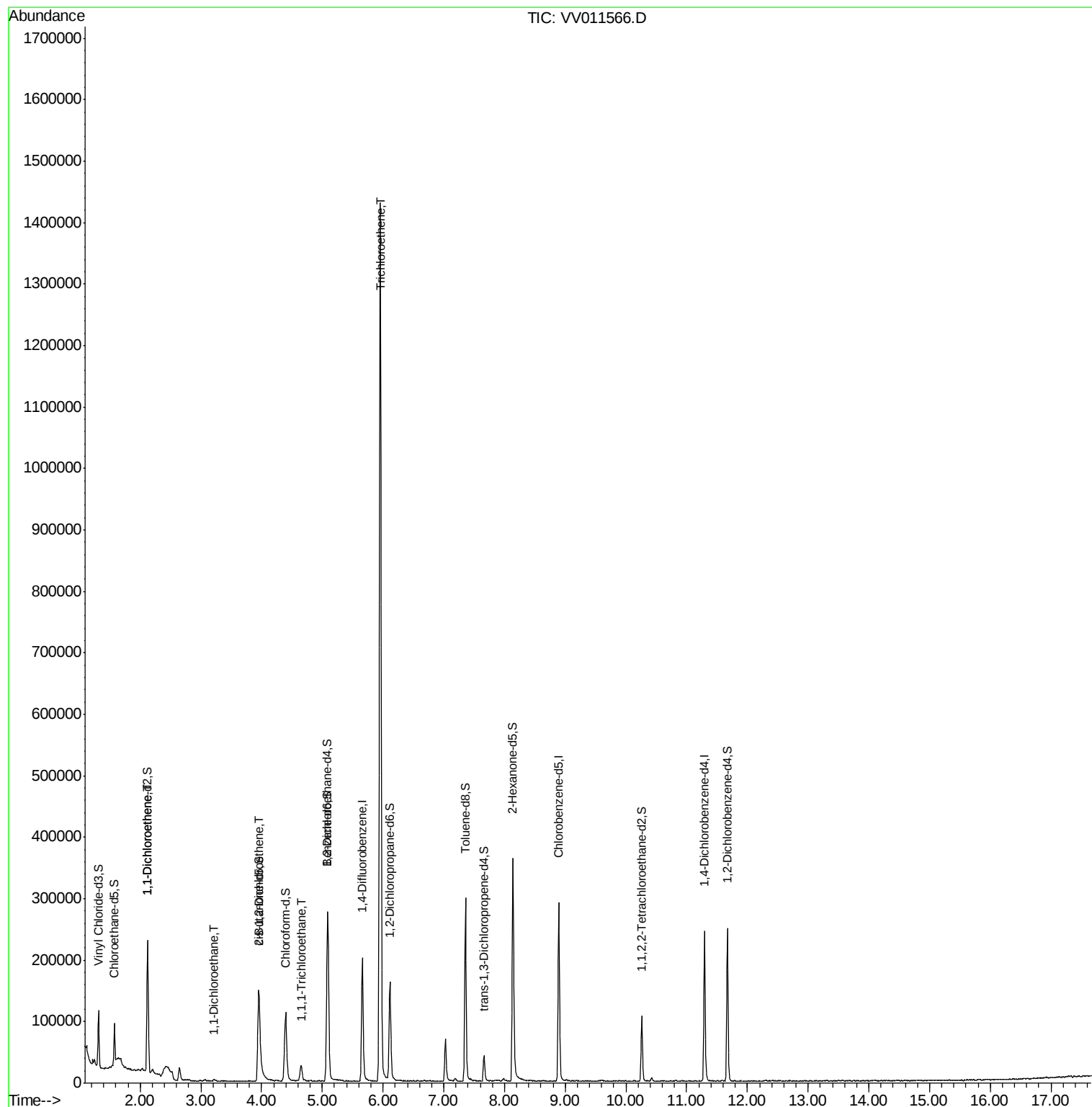
					Ovalue
12) 1,1-Dichloroethene	2.13	96	26257	2.711 ug/L #	56
19) 1,1-Dichloroethane	3.23	63	2927	0.129 ug/L	97
22) cis-1,2-Dichloroethene	3.96	96	34245	2.760 ug/L	92
29) 1,1,1-Trichloroethane	4.65	97	18479	0.996 ug/L	98
34) Trichloroethene	5.95	95	484394	39.007 ug/L	98

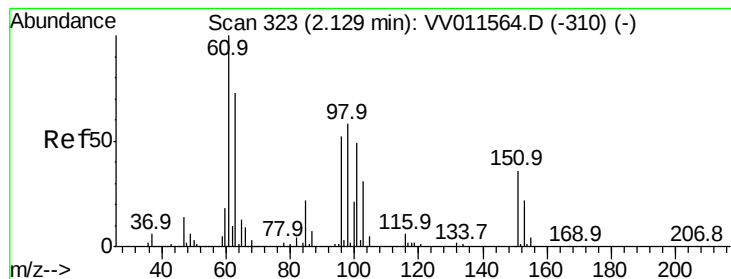
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 2.711 ug/L

RT: 2.13 min Scan# 323

Delta R.T. 0.00 min

Lab File: VV011566.D

Acq: 18 Jun 2019 10:55

Instrument :

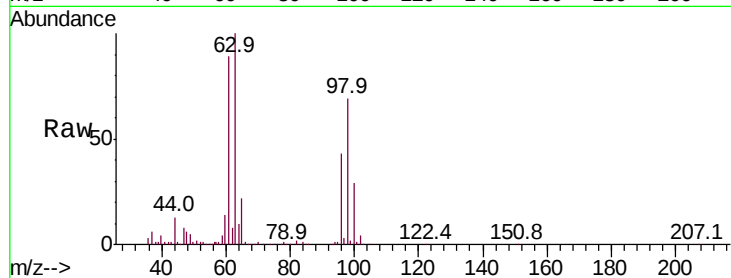
MSVOA_V

ClientSampleId :

C0LY6

Tot Ion: 96 Resp: 26257

Ion	Ratio	Lower	Upper
96	100		
61	208.5	135.9	252.5
63	234.8	86.2	160.2



Abundance

Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0

80000

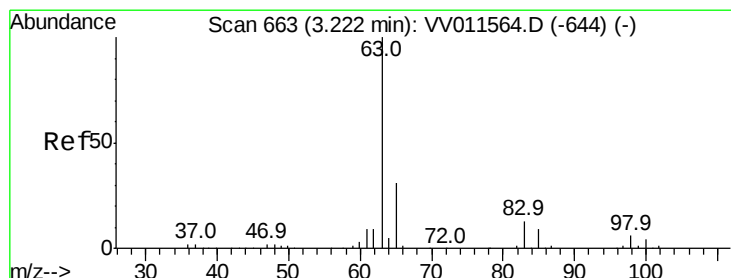
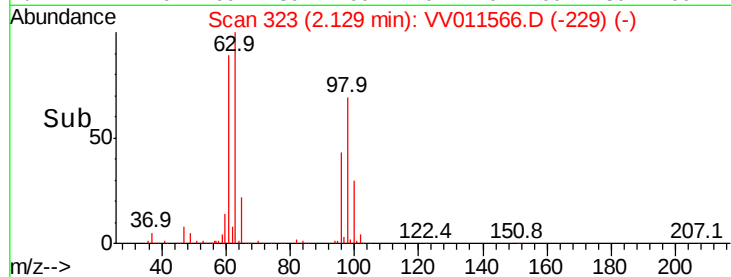
60000

40000

20000

0

Time-->



#19

1,1-Dichloroethane

Concen: 0.129 ug/L

RT: 3.23 min Scan# 664

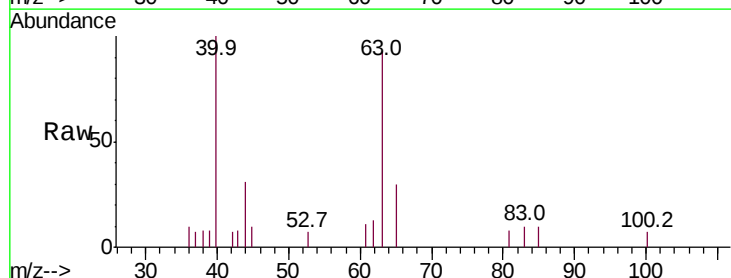
Delta R.T. 0.01 min

Lab File: VV011566.D

Acq: 18 Jun 2019 10:55

Tgt Ion: 63 Resp: 2927

Ion	Ratio	Lower	Upper
63	100		
65	32.4	22.5	41.9
83	11.1	10.1	18.9



Abundance

Ion 63.10 (62.80 to 63.80): VV0

Ion 65.10 (64.80 to 65.80): VV0

Ion 83.05 (82.75 to 83.75): VV0

2000

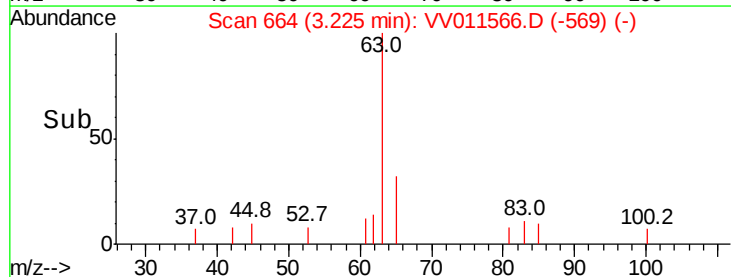
1500

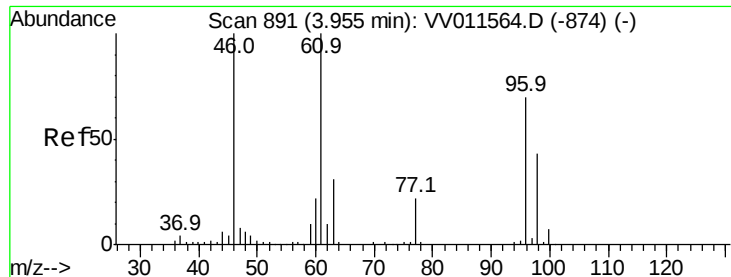
1000

500

0

Time-->





#22

cis-1,2-Dichloroethene

Concen: 2.760 ug/L

RT: 3.96 min Scan# 891

Delta R.T. -0.00 min

Lab File: VV011566.D

Acq: 18 Jun 2019 10:55

Instrument :
MSVOA_V
ClientSampleId :
COLY6

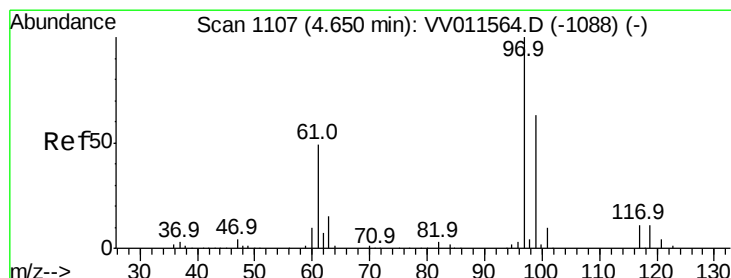
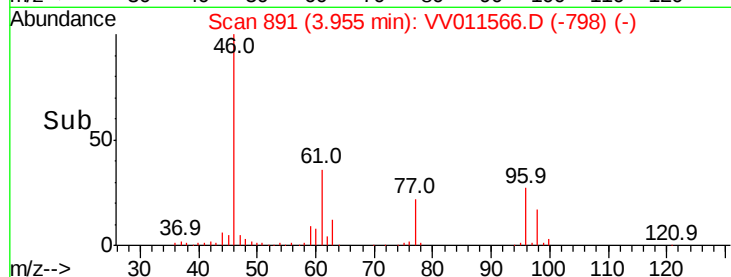
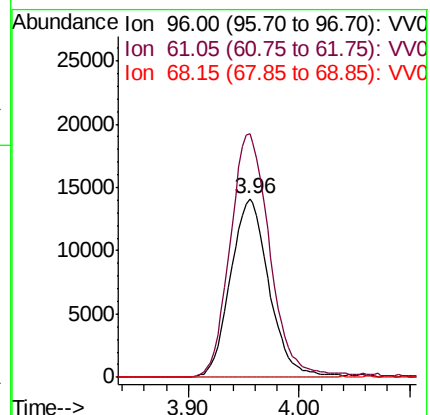
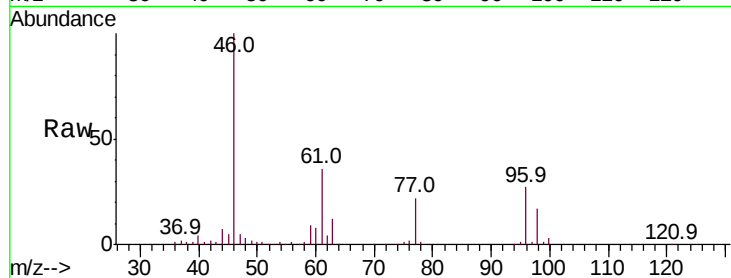
Tot Ion: 96 Resp: 34245

Ion Ratio Lower Upper

96 100

61 136.2 102.2 189.8

68 0.0 0.0 0.0



#29

1,1,1-Trichloroethane

Concen: 0.996 ug/L

RT: 4.65 min Scan# 1107

Delta R.T. -0.00 min

Lab File: VV011566.D

Acq: 18 Jun 2019 10:55

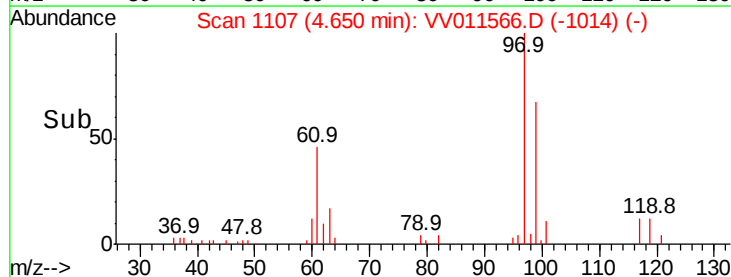
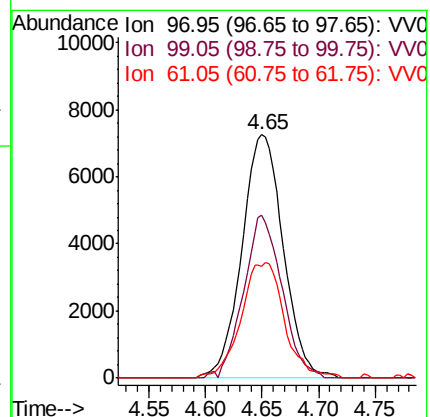
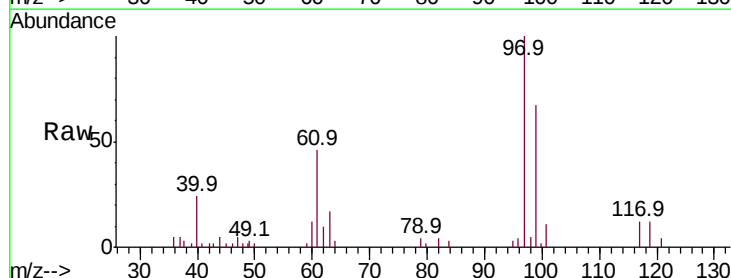
Tgt Ion: 97 Resp: 18479

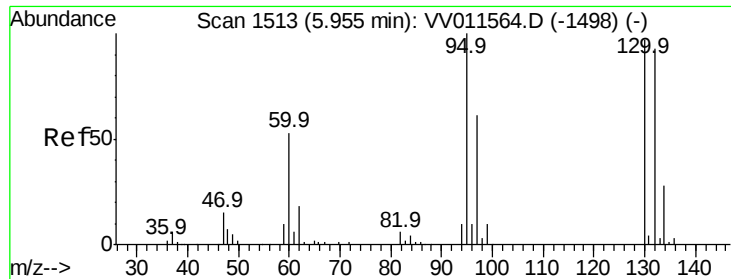
Ion Ratio Lower Upper

97 100

99 62.1 51.6 77.4

61 49.8 40.4 60.6





#34

Trichloroethene

Concen: 39.007 ug/L

RT: 5.95 min Scan# 1512

Delta R.T. -0.00 min

Lab File: VV011566.D

Acq: 18 Jun 2019 10:55

Instrument :

MSVOA_V

ClientSampleId :

C0LY6

Tot Ion: 95 Resp: 484394

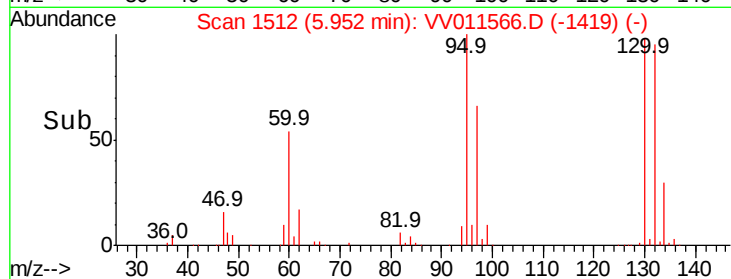
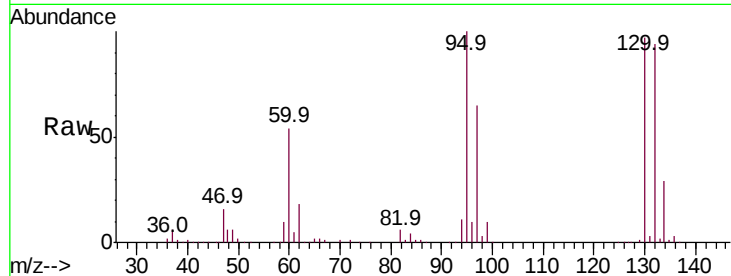
Ion Ratio Lower Upper

95 100

97 64.9 44.4 82.4

132 94.0 63.5 117.9

130 96.7 68.5 127.3



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

