

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV101618\
 Data File : VV008328.D
 Acq On : 17 Oct 2018 06:32
 Operator : SY/MD
 Sample : J5463-15
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0JC6

Quant Time: Oct 17 09:57:21 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR101518WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Oct 17 05:02:19 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	82145	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	71191	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	28368	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	23161	4.99	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.80%
7) Chloroethane-d5	1.58	69	18353	5.01	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.20%
11) 1,1-Dichloroethene-d2	2.14	63	37948	4.26	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.20%
20) 2-Butanone-d5	3.96	46	79568	51.10	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.20%
24) Chloroform-d	4.41	84	47050	4.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.60%
26) 1,2-Dichloroethane-d4	5.09	65	25129	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.60%
32) Benzene-d6	5.10	84	99573	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.20%
36) 1,2-Dichloropropane-d6	6.12	67	34468	5.01	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.20%
41) Toluene-d8	7.36	98	85670	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.40%
43) trans-1,3-Dichloropropene-	7.67	79	11569	4.05	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.00%
46) 2-Hexanone-d5	8.14	63	46255	46.22	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.44%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	19777	4.33	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.60%
64) 1,2-Dichlorobenzene-d4	11.68	152	25398	4.72	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.40%

Target Compounds

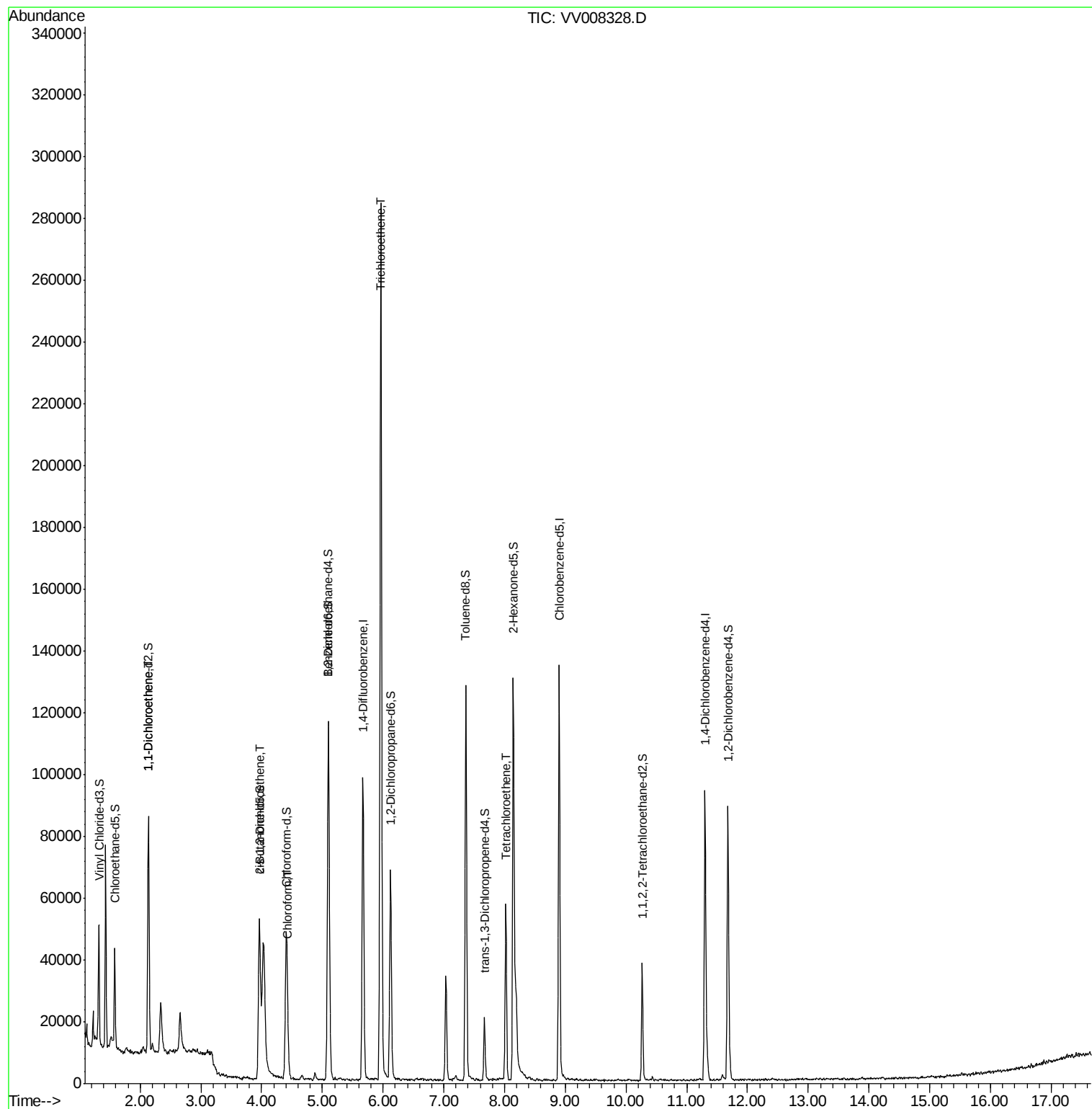
					Ovalue
12) 1,1-Dichloroethene	2.14	96	7376	1.869 ug/L #	29
22) cis-1,2-Dichloroethene	3.97	96	5197	0.758 ug/L #	98
25) Chloroform	4.43	83	7016	0.653 ug/L	94
34) Trichloroethene	5.96	95	99743	15.003 ug/L	95
47) Tetrachloroethene	8.02	164	11710	2.811 ug/L	95

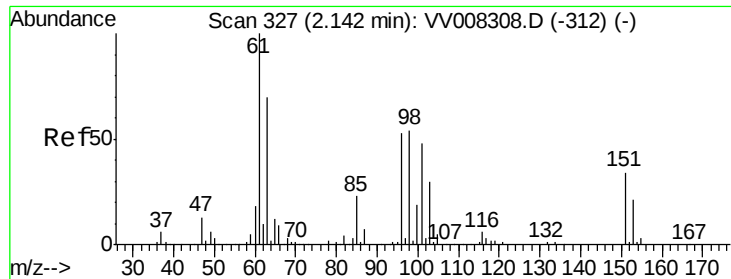
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Oct 17 05:02:19 2018
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 1.869 ug/L

RT: 2.14 min Scan# 328

Delta R.T. 0.00 min

Lab File: VV008328.D

Acq: 17 Oct 2018 06:32

Instrument :
MSVOA_V
ClientSampleId :
C0JC6

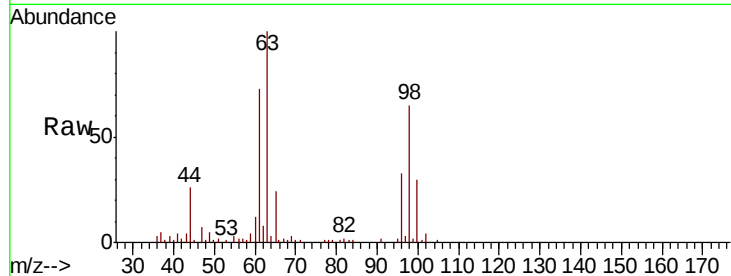
Tot Ion: 96 Resp: 7376

Ion Ratio Lower Upper

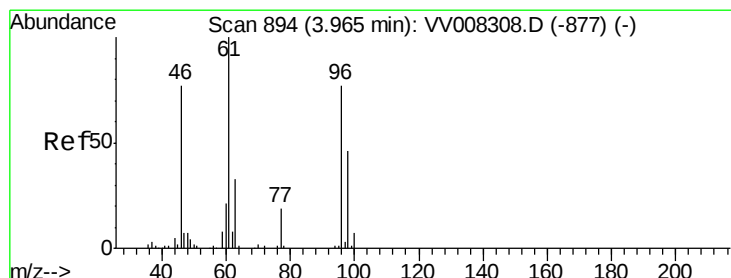
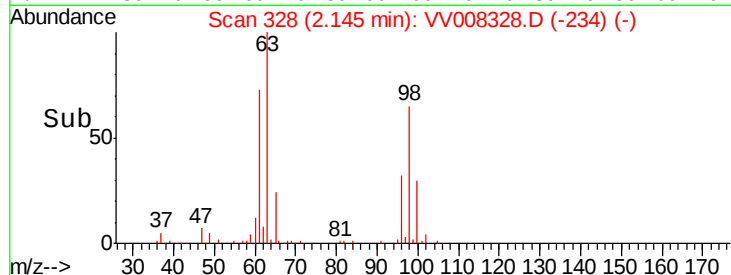
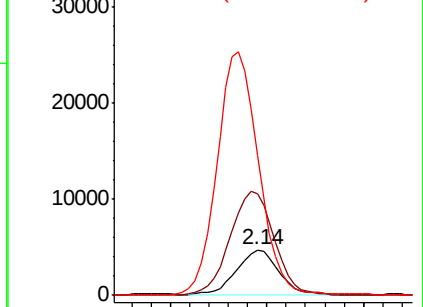
96 100

61 224.3 129.9 241.3

63 306.9 103.0 191.4#



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



#22

cis-1,2-Dichloroethene

Concen: 0.758 ug/L

RT: 3.97 min Scan# 895

Delta R.T. 0.00 min

Lab File: VV008328.D

Acq: 17 Oct 2018 06:32

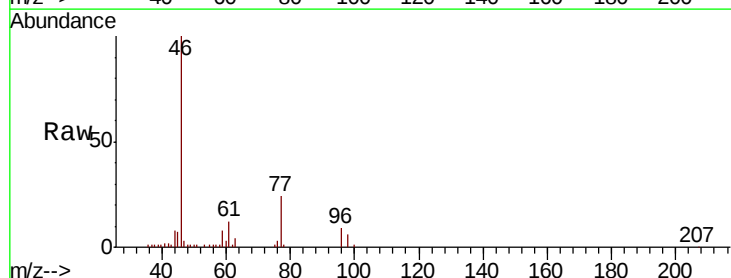
Tgt Ion: 96 Resp: 5197

Ion Ratio Lower Upper

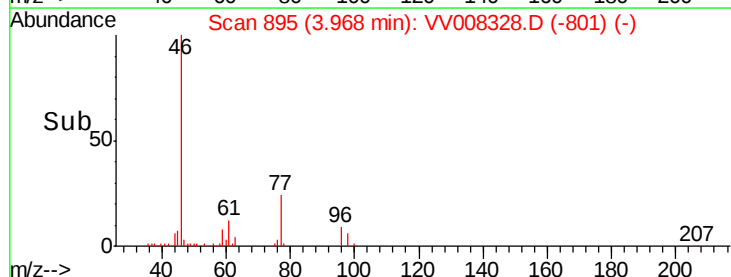
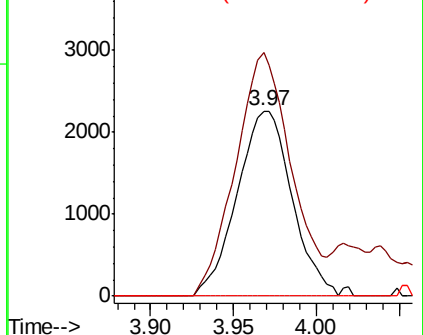
96 100

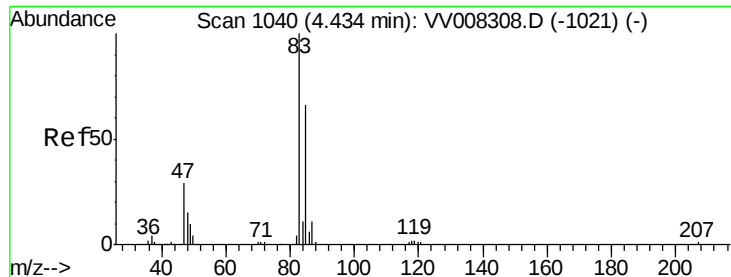
61 131.4 93.7 174.1

68 0.0 0.6 1.2#



Abundance Ion 96.00 (95.70 to 96.70): VV0
Ion 61.05 (60.75 to 61.75): VV0
Ion 68.15 (67.85 to 68.85): VV0

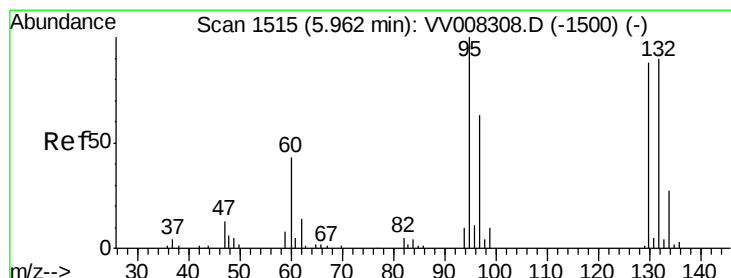
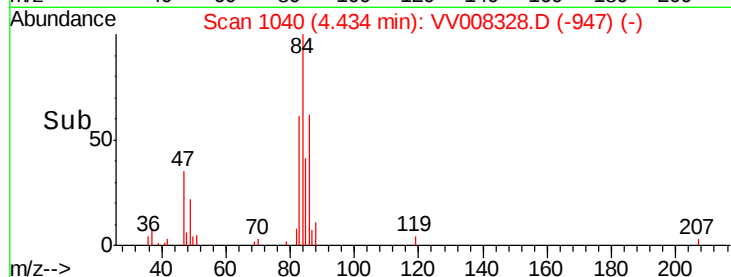
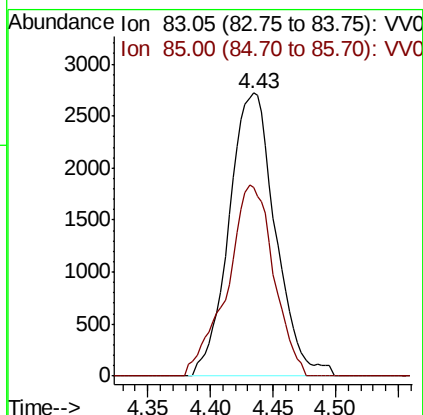
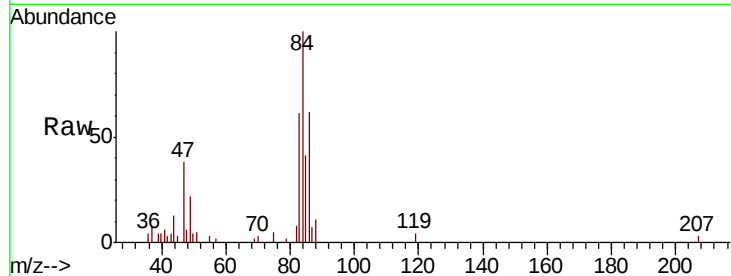




#25
Chloroform
Concen: 0.653 ug/L
RT: 4.43 min Scan# 1040
Delta R.T. 0.00 min
Lab File: VV008328.D
Acq: 17 Oct 2018 06:32

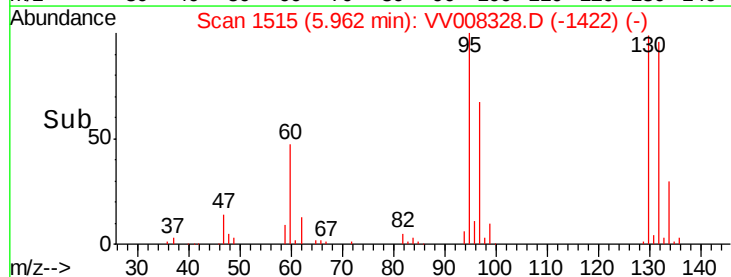
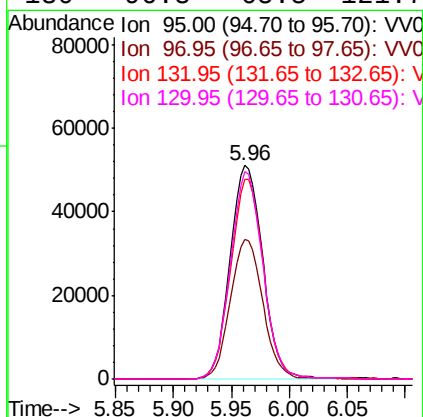
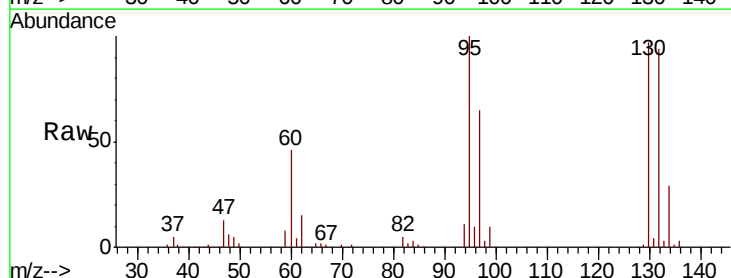
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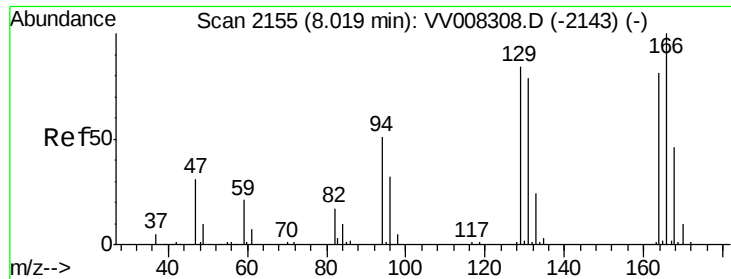
Tot Ion: 83 Resp: 7016
Ion Ratio Lower Upper
83 100
85 66.8 43.4 80.6



#34
Trichloroethene
Concen: 15.003 ug/L
RT: 5.96 min Scan# 1515
Delta R.T. 0.00 min
Lab File: VV008328.D
Acq: 17 Oct 2018 06:32

Tgt Ion: 95 Resp: 99743
Ion Ratio Lower Upper
95 100
97 65.2 44.4 82.4
132 93.7 60.4 112.2
130 96.8 65.5 121.7





#47

Tetrachloroethene

Concen: 2.811 ug/L

RT: 8.02 min Scan# 2155

Delta R.T. 0.00 min

Lab File: VV008328.D

Acq: 17 Oct 2018 06:32

Instrument :

MSVOA_V

ClientSampleId :

C0JC6

Tot Ion:164 Resp: 11710

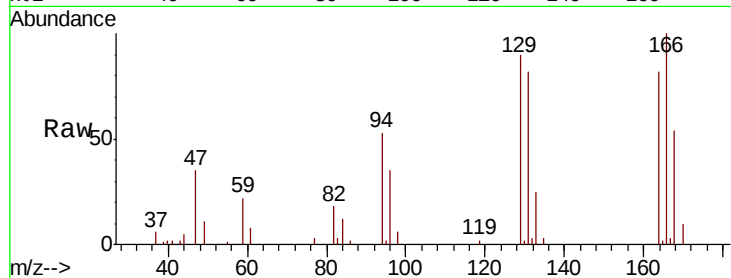
Ion Ratio Lower Upper

164 100

129 109.8 76.5 142.1

131 100.9 74.7 138.7

166 122.3 91.6 170.0



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

