

Data File : VU034692.D
Acq On : 20 Sep 2019 16:31
Operator : JC/SP
Sample : K4948-04
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BEDN5

Quant Time: Sep 21 02:34:15 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Sep 21 02:29:10 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	503099	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	480110	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	213738	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	215250	41.79	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.58%
7) Chloroethane-d5	1.67	69	176677	44.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.76%
11) 1,1-Dichloroethene-d2	2.26	63	290889	33.35	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.70%
21) 2-Butanone-d5	4.15	46	401144	101.62	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.62%
24) Chloroform-d	4.62	84	356999	47.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.36%
26) 1,2-Dichloroethane-d4	5.29	65	263989	47.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.92%
32) Benzene-d6	5.32	84	713357	47.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.88%
36) 1,2-Dichloropropane-d6	6.31	67	255528	49.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.26%
41) Toluene-d8	7.54	98	664358	46.93	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.86%
43) trans-1,3-Dichloropropene-	7.83	79	117586	47.20	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.40%
47) 2-Hexanone-d5	8.29	63	255593	97.84	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.84%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	331241	45.90	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.80%
64) 1,2-Dichlorobenzene-d4	11.84	152	219943	49.07	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.14%

Target Compounds

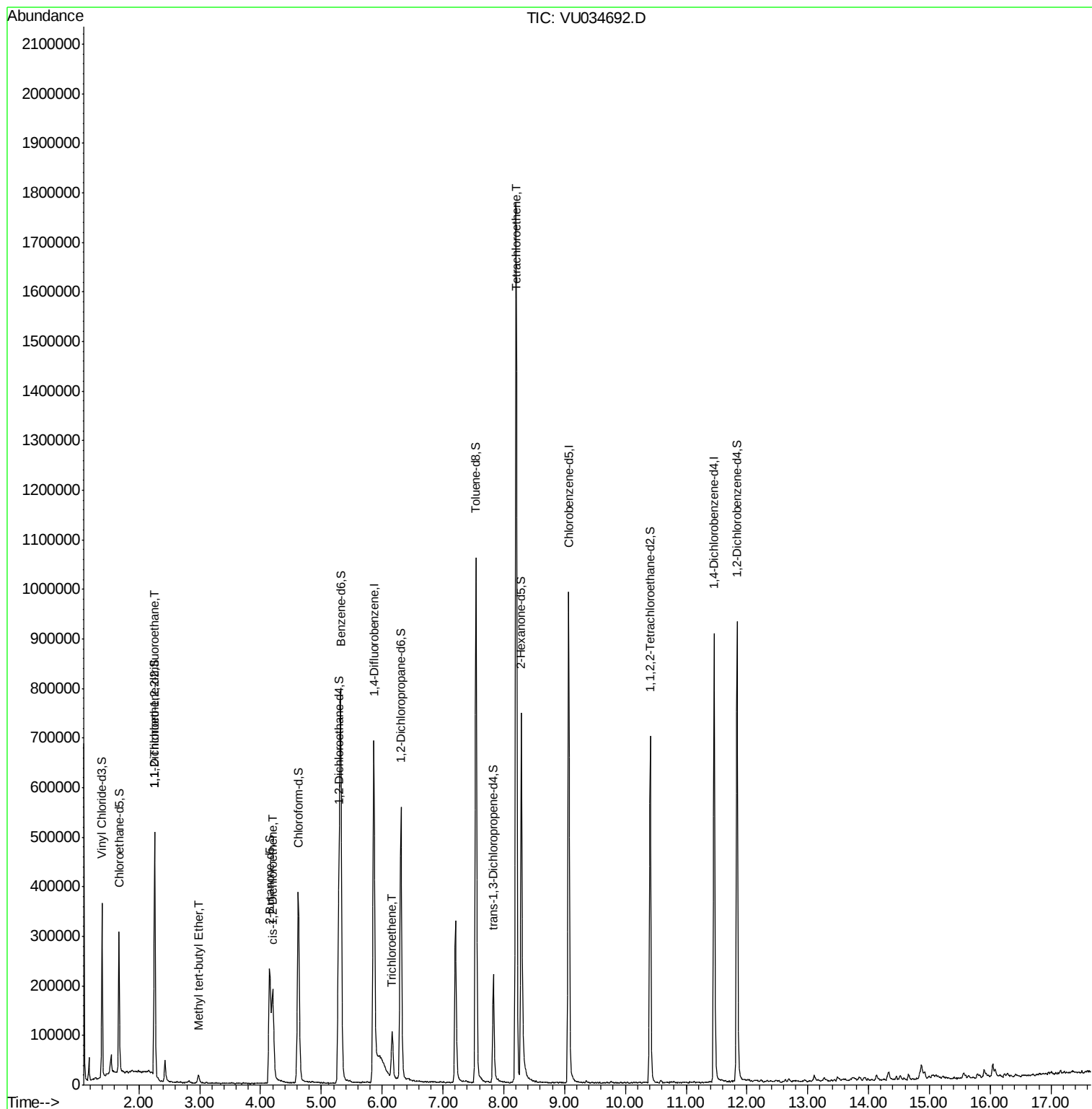
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.26	101	2508	0.731 ug/L	# 25
18) Methyl tert-butyl Ether	2.98	73	13507	1.012 ug/L	93
20) cis-1,2-Dichloroethene	4.20	96	79482	18.889 ug/L	94
34) Trichloroethene	6.16	95	31115	7.566 ug/L	96
46) Tetrachloroethene	8.21	164	344504	119.096 ug/L	97

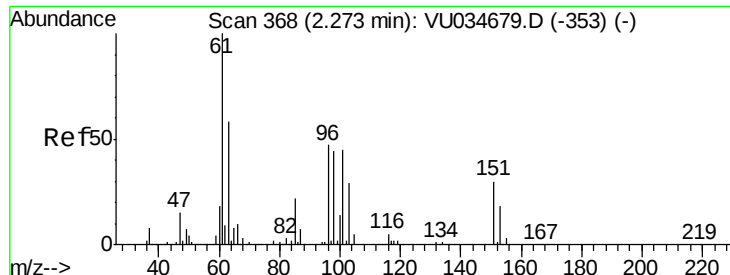
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.731 ug/L

RT: 2.26 min Scan# 365

Delta R.T. -0.01 min

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Acq: 20 Sep 2019 16:31

Instrument :

MSVOA_U

ClientSampled :

BEDN5

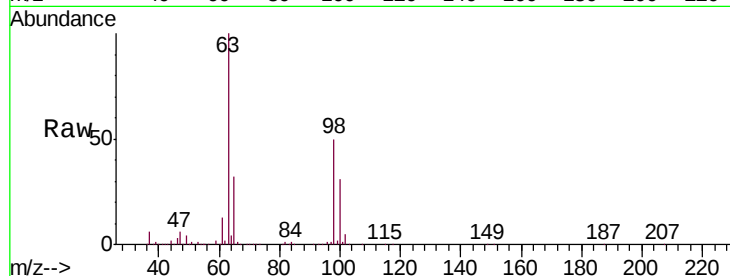
Tgt Ion: 101 Resp: 2508

Ion Ratio Lower Upper

101 100

85 2.5 39.0 58.4#

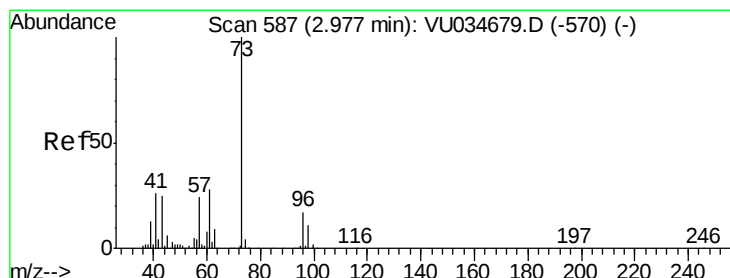
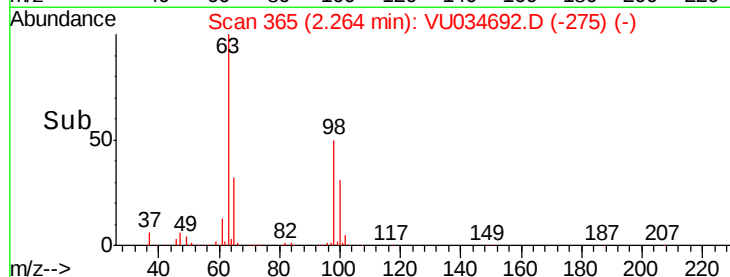
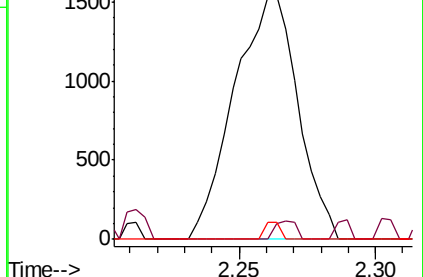
151 1.7 52.8 79.2#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



#18

Methyl tert-butyl Ether

Concen: 1.012 ug/L

RT: 2.98 min Scan# 588

Delta R.T. 0.00 min

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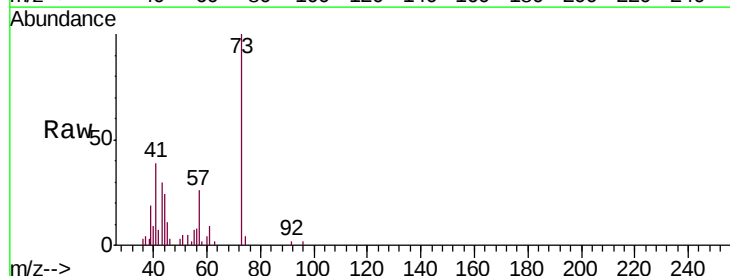
Tgt Ion: 73 Resp: 13507

Ion Ratio Lower Upper

73 100

43 23.0 20.9 31.3

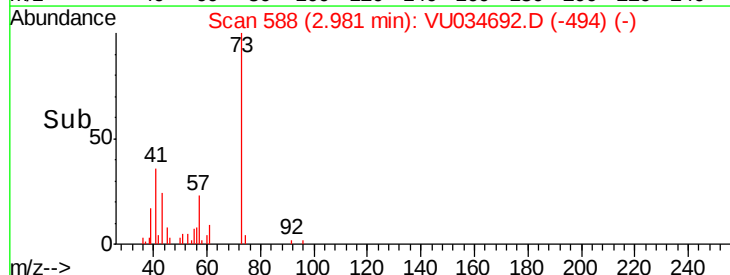
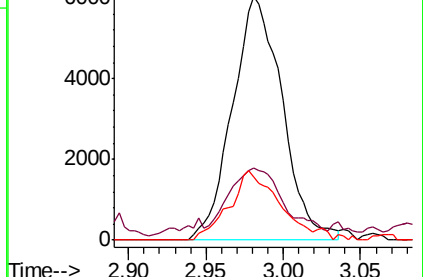
57 27.9 19.5 29.3

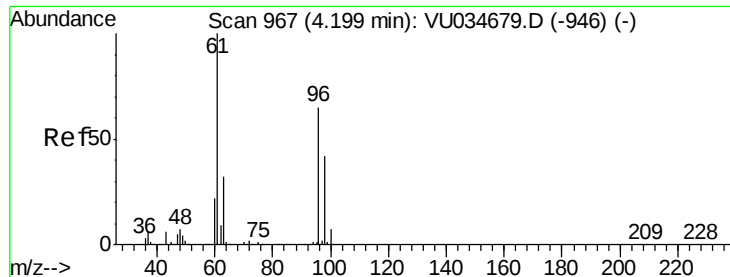


Abundance Ion 73.00 (72.70 to 73.70): VU0

Ion 43.00 (42.70 to 43.70): VU0

Ion 57.00 (56.70 to 57.70): VU0

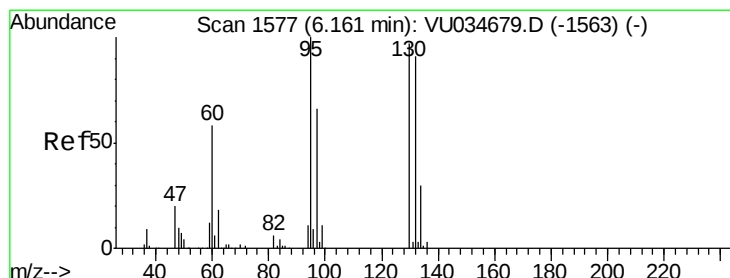
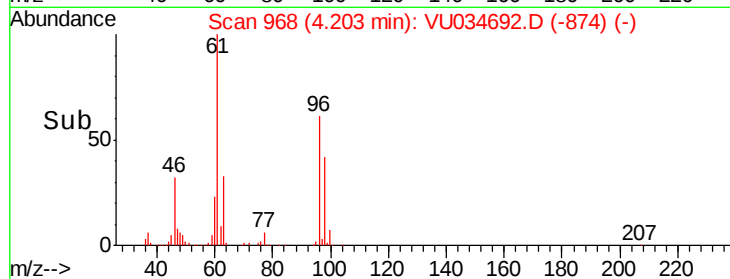
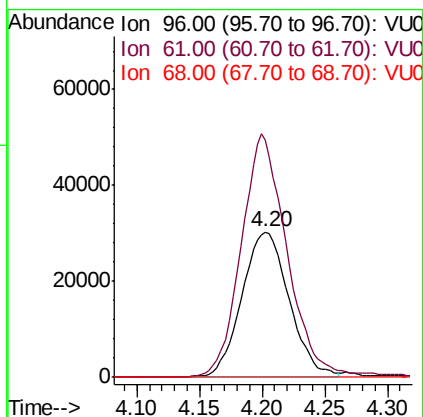
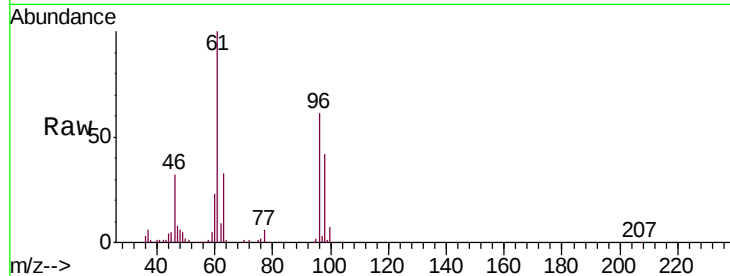




#20
 cis-1,2-Dichloroethene
 Concen: 18.889 ug/L
 RT: 4.20 min Scan# 968
 Delta R.T. 0.00 min
 Lab File: VU034692.D
 Acq: 20 Sep 2019 16:31

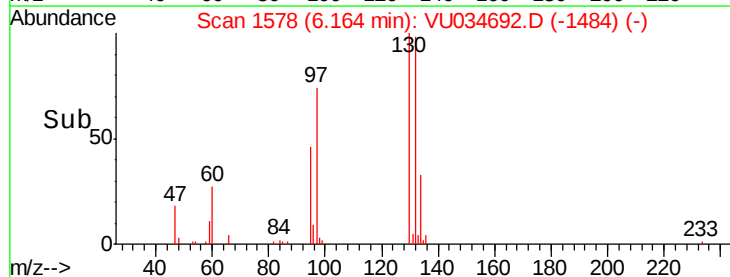
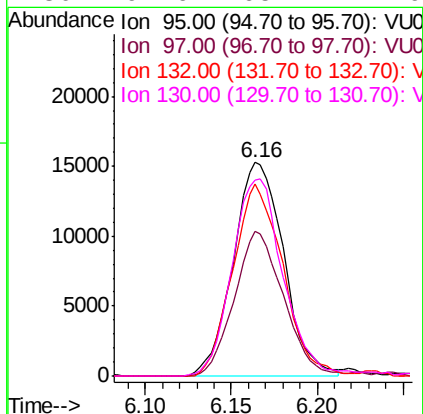
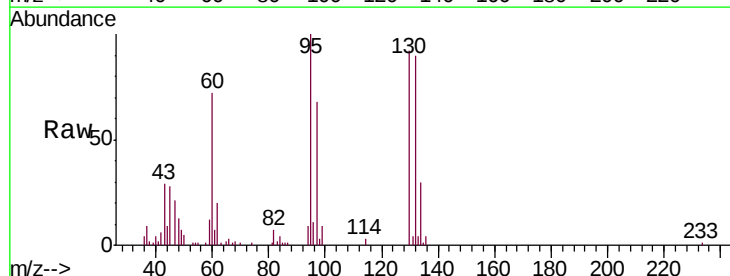
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 MSVOA_U
 ClientSampled :
 BEDN5

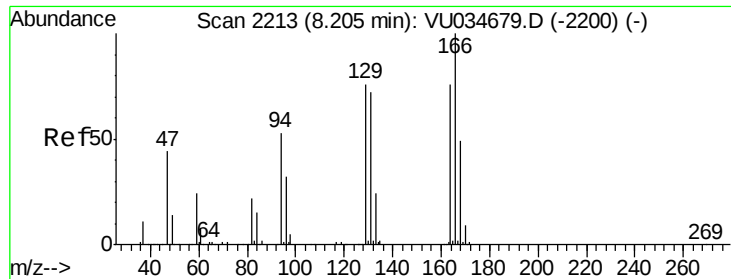
Tgt Ion: 96 Resp: 79482
 Ion Ratio Lower Upper
 96 100
 61 163.2 108.8 202.2
 68 0.0 0.0 0.0



#34
 Trichloroethene
 Concen: 7.566 ug/L
 RT: 6.16 min Scan# 1578
 Delta R.T. 0.00 min
 Lab File: VU034692.D
 Acq: 20 Sep 2019 16:31

Tgt Ion: 95 Resp: 31115
 Ion Ratio Lower Upper
 95 100
 97 67.5 43.7 81.1
 132 89.6 61.0 113.2
 130 91.6 65.7 121.9





#46

Tetrachloroethene

Concen: 119.096 ug/L

RT: 8.21 min Scan# 2213

Delta R.T. 0.00 min

Lab File: VU034692.D

Acq: 20 Sep 2019 16:31

Instrument :
MSVOA_U
ClientSampleId :
BEDN5

Tgt Ion:164 Resp: 344504

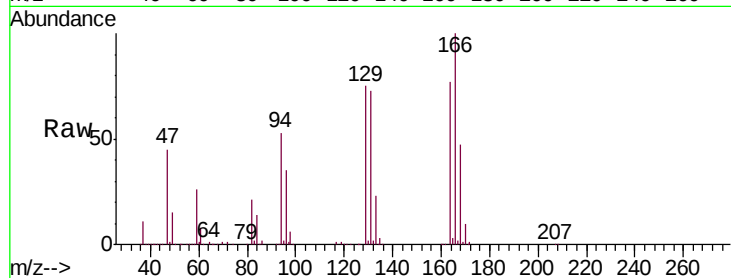
Ion Ratio Lower Upper

164 100

129 98.1 71.9 133.5

131 95.1 66.3 123.1

166 130.5 93.4 173.6



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

