

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U101219\
 Data File : VU035100.D
 Acq On : 11 Oct 2019 19:33
 Operator : JC/SP
 Sample : K5310-02
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 IW-1S-001-01

Quant Time: Oct 12 04:13:22 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100719WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Oct 12 02:39:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	163032	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	171017	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	62310	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	52753	5.47	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	109.40%
7) Chloroethane-d5	1.68	69	50504	5.61	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	112.20%
11) 1,1-Dichloroethene-d2	2.26	63	78926	3.88	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.60%
20) 2-Butanone-d5	4.17	46	149430	52.65	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.30%
24) Chloroform-d	4.62	84	102463	5.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	113.80%
26) 1,2-Dichloroethane-d4	5.29	65	55875	5.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.60%
32) Benzene-d6	5.32	84	195261	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.40%
36) 1,2-Dichloropropane-d6	6.31	67	68835	5.14	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.80%
41) Toluene-d8	7.55	98	169480	4.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.40%
43) trans-1,3-Dichloropropene-	7.84	79	19198	3.98	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.60%
46) 2-Hexanone-d5	8.30	63	105854	46.13	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.26%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	57093	5.05	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.00%
64) 1,2-Dichlorobenzene-d4	11.85	152	56931	5.42	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.40%

Target Compounds

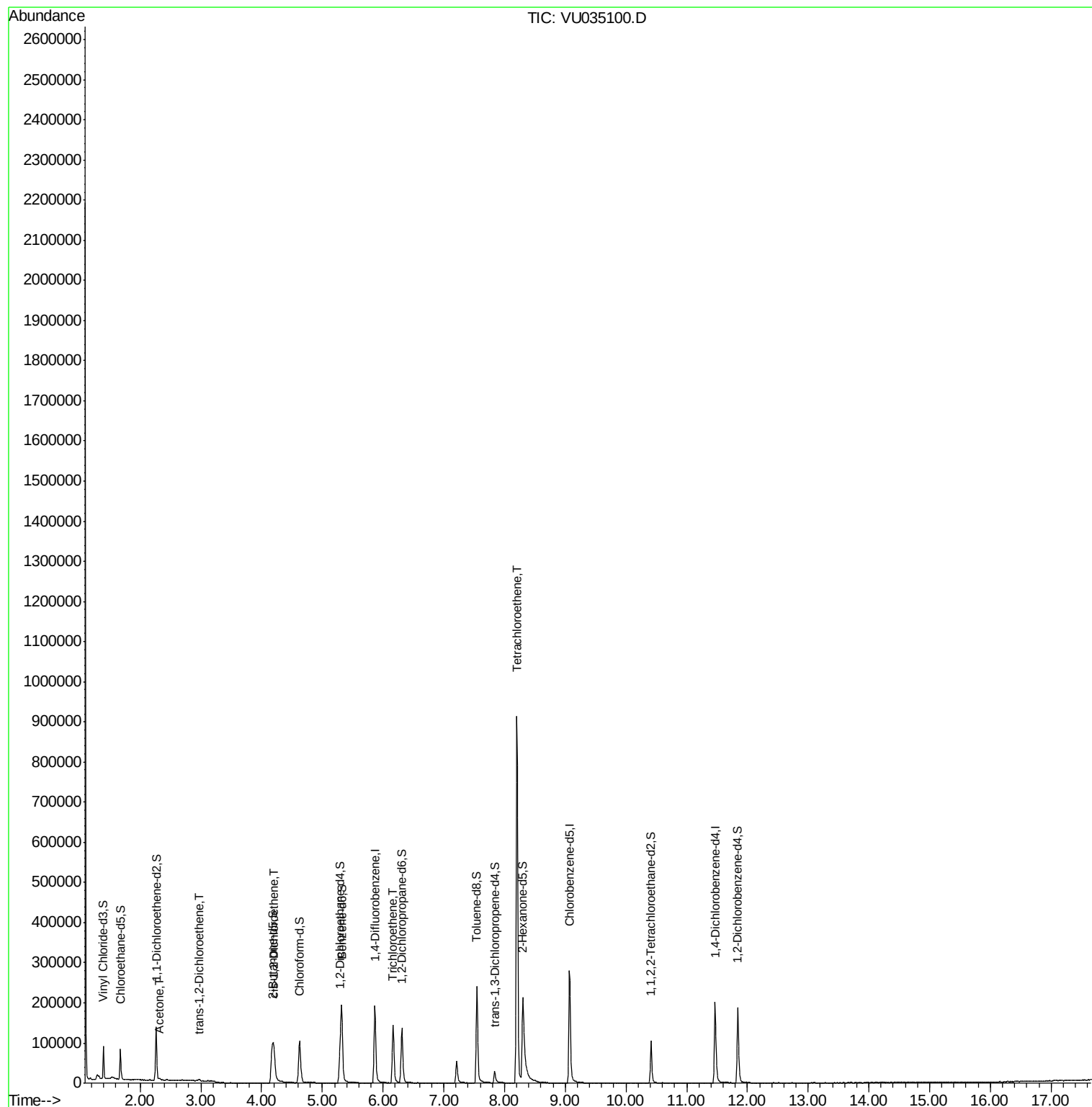
					Ovalue
13) Acetone	2.31	43	4404	1.895 ug/L	97
18) trans-1,2-Dichloroethene	2.97	96	1249	0.111 ug/L	89
22) cis-1,2-Dichloroethene	4.20	96	39648	3.170 ug/L	87
34) Trichloroethene	6.16	95	53099	3.997 ug/L	98
47) Tetrachloroethene	8.21	164	206904	19.240 ug/L	96

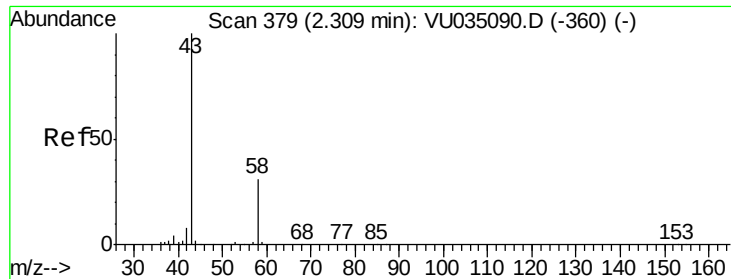
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.895 ug/L

RT: 2.31 min Scan# 380

Delta R.T. 0.00 min

Lab File: VU035100.D

Acq: 11 Oct 2019 19:33

Instrument :

MSVOA_U

ClientSampleId :

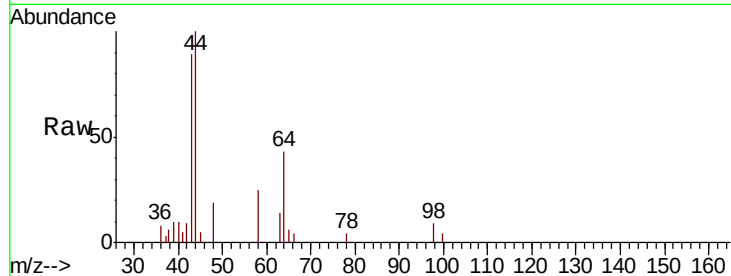
IW-1S-001-01

Tot Ion: 43 Resp: 4404

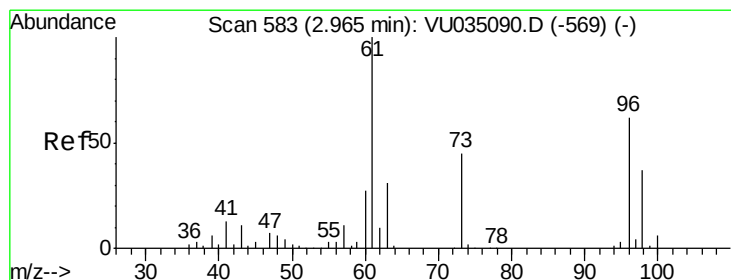
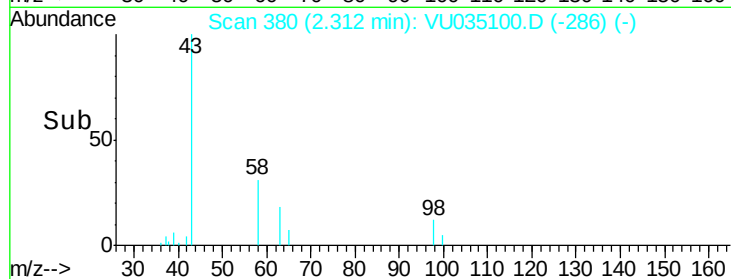
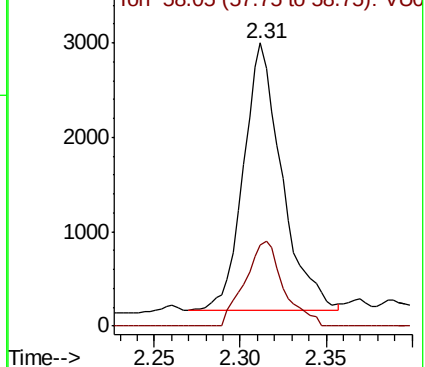
Ion Ratio Lower Upper

43 100

58 31.7 0.0 66.6



Abundance Ion 43.05 (42.75 to 43.75): VU035100.D (-286) (-)



#18

trans-1,2-Dichloroethene

Concen: 0.111 ug/L

RT: 2.97 min Scan# 584

Delta R.T. 0.00 min

Lab File: VU035100.D

Acq: 11 Oct 2019 19:33

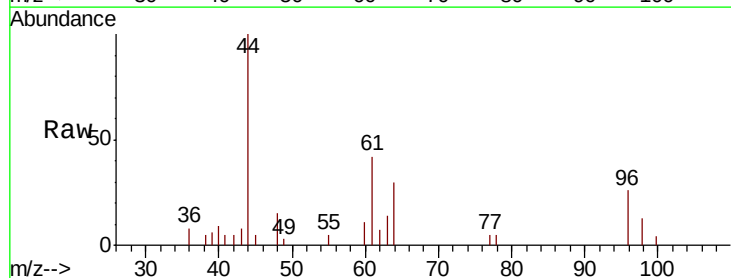
Tgt Ion: 96 Resp: 1249

Ion Ratio Lower Upper

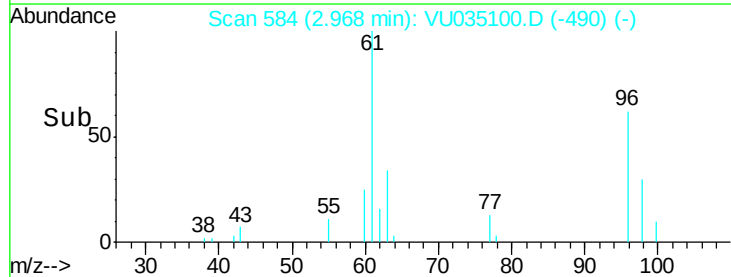
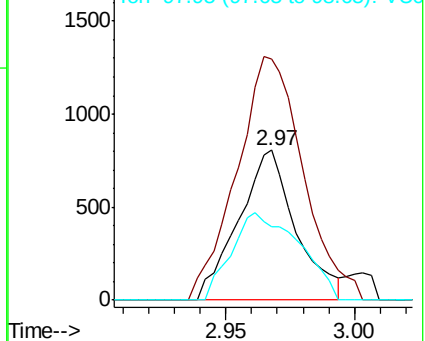
96 100

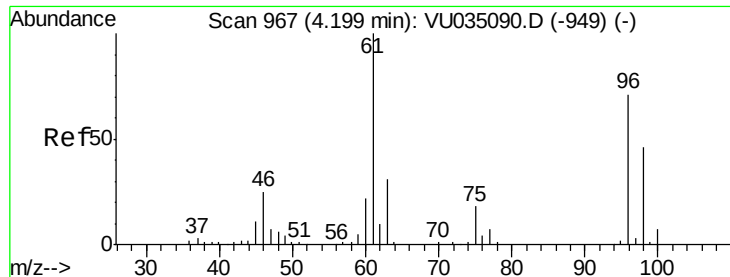
61 161.4 107.1 198.9

98 48.8 45.4 84.4



Abundance Ion 96.00 (95.70 to 96.70): VU035100.D (-490) (-)





#22

cis-1,2-Dichloroethene

Concen: 3.170 ug/L

RT: 4.20 min Scan# 968

Delta R.T. 0.00 min

Lab File: VU035100.D

Acq: 11 Oct 2019 19:33

Instrument :

MSVOA_U

ClientSampled :

IW-1S-001-01

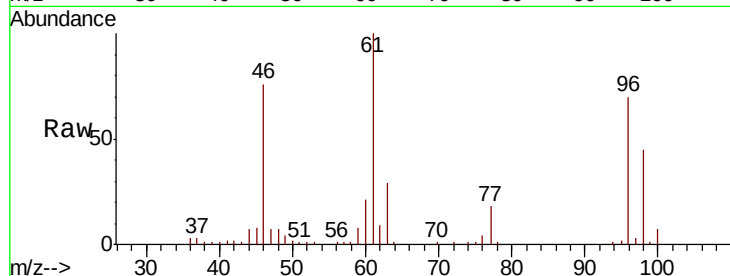
Tot Ion: 96 Resp: 39648

Ion Ratio Lower Upper

96 100

61 142.0 89.2 165.6

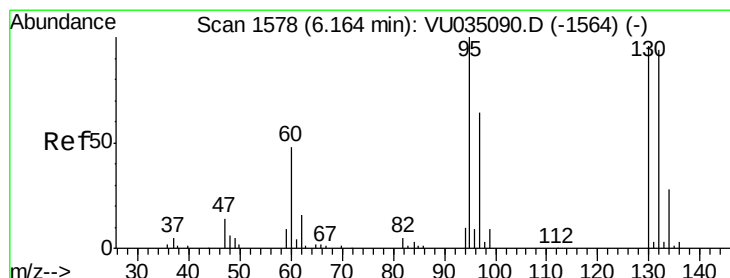
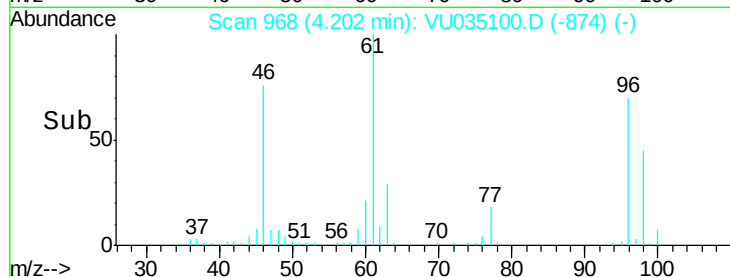
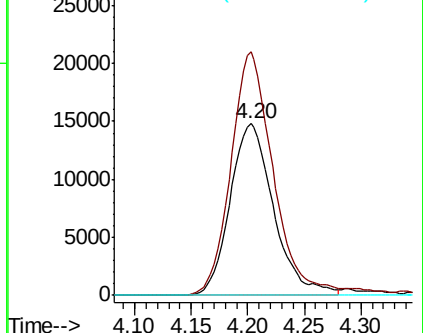
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU035100.D (-874) (-)

Ion 61.05 (60.75 to 61.75): VU035100.D (-874) (-)

Ion 68.15 (67.85 to 68.85): VU035100.D (-874) (-)



#34

Trichloroethene

Concen: 3.997 ug/L

RT: 6.16 min Scan# 1578

Delta R.T. 0.00 min

Lab File: VU035100.D

Acq: 11 Oct 2019 19:33

Tgt Ion: 95 Resp: 53099

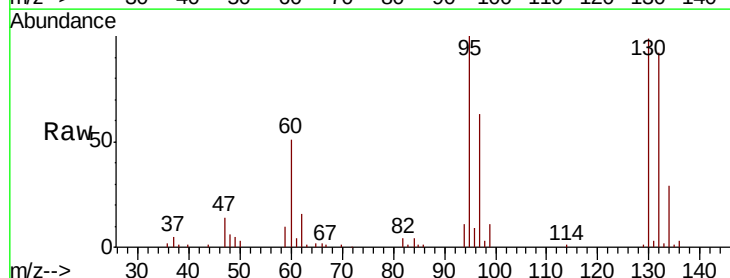
Ion Ratio Lower Upper

95 100

97 63.1 44.5 82.7

132 91.7 66.6 123.8

130 99.5 68.9 127.9

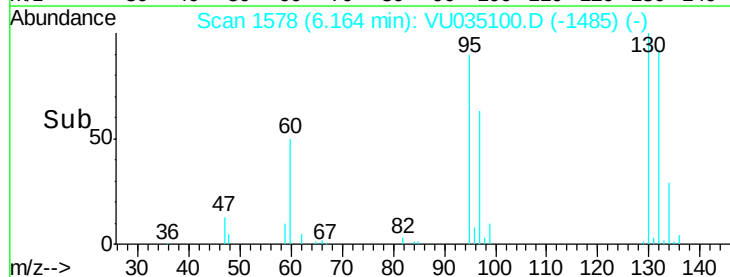
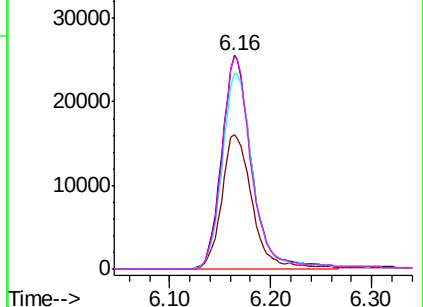


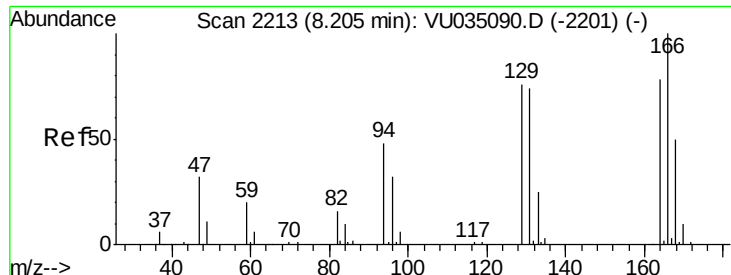
Abundance Ion 95.00 (94.70 to 95.70): VU035100.D (-1485) (-)

Ion 96.95 (96.65 to 97.65): VU035100.D (-1485) (-)

Ion 131.95 (131.65 to 132.65): VU035100.D (-1485) (-)

Ion 129.95 (129.65 to 130.65): VU035100.D (-1485) (-)





#47

Tetrachloroethene

Concen: 19.240 ug/L

RT: 8.21 min Scan# 2213

Delta R.T. 0.00 min

Lab File: VU035100.D

Acq: 11 Oct 2019 19:33

Instrument :

MSVOA_U

ClientSampleId :

IW-1S-001-01

Tot Ion:164 Resp: 206904

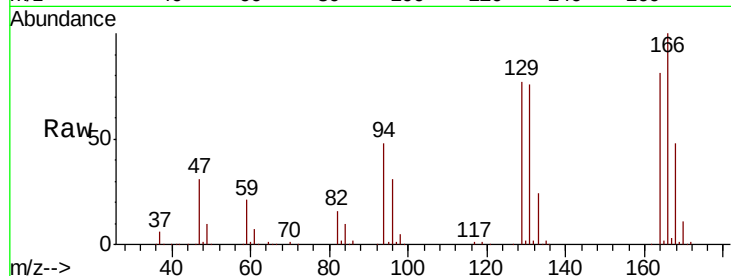
Ion Ratio Lower Upper

164 100

129 95.8 68.5 127.1

131 93.8 67.3 124.9

166 124.2 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

