

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U121218\
 Data File : VU028604.D
 Acq On : 11 Dec 2018 13:36
 Operator : MD/SY
 Sample : J6263-03
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0TP0

Quant Time: Dec 12 06:01:39 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM120718WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Dec 12 05:44:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	150317	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	138033	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	59067	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	60175	42.87	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.74%
7) Chloroethane-d5	1.67	69	48601	46.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.38%
11) 1,1-Dichloroethene-d2	2.27	63	83019	33.54	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.08%
21) 2-Butanone-d5	4.17	46	113616	100.78	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.78%
24) Chloroform-d	4.65	84	103767	46.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.40%
26) 1,2-Dichloroethane-d4	5.31	65	71553	48.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.70%
32) Benzene-d6	5.34	84	218042	50.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.04%
36) 1,2-Dichloropropane-d6	6.33	67	79766	51.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.92%
41) Toluene-d8	7.57	98	189906	48.26	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.52%
43) trans-1,3-Dichloropropene-	7.85	79	34885	49.21	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.42%
47) 2-Hexanone-d5	8.31	63	80564	107.33	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	107.33%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	103068	51.19	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.38%
64) 1,2-Dichlorobenzene-d4	11.86	152	63059	52.62	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.24%

Target Compounds

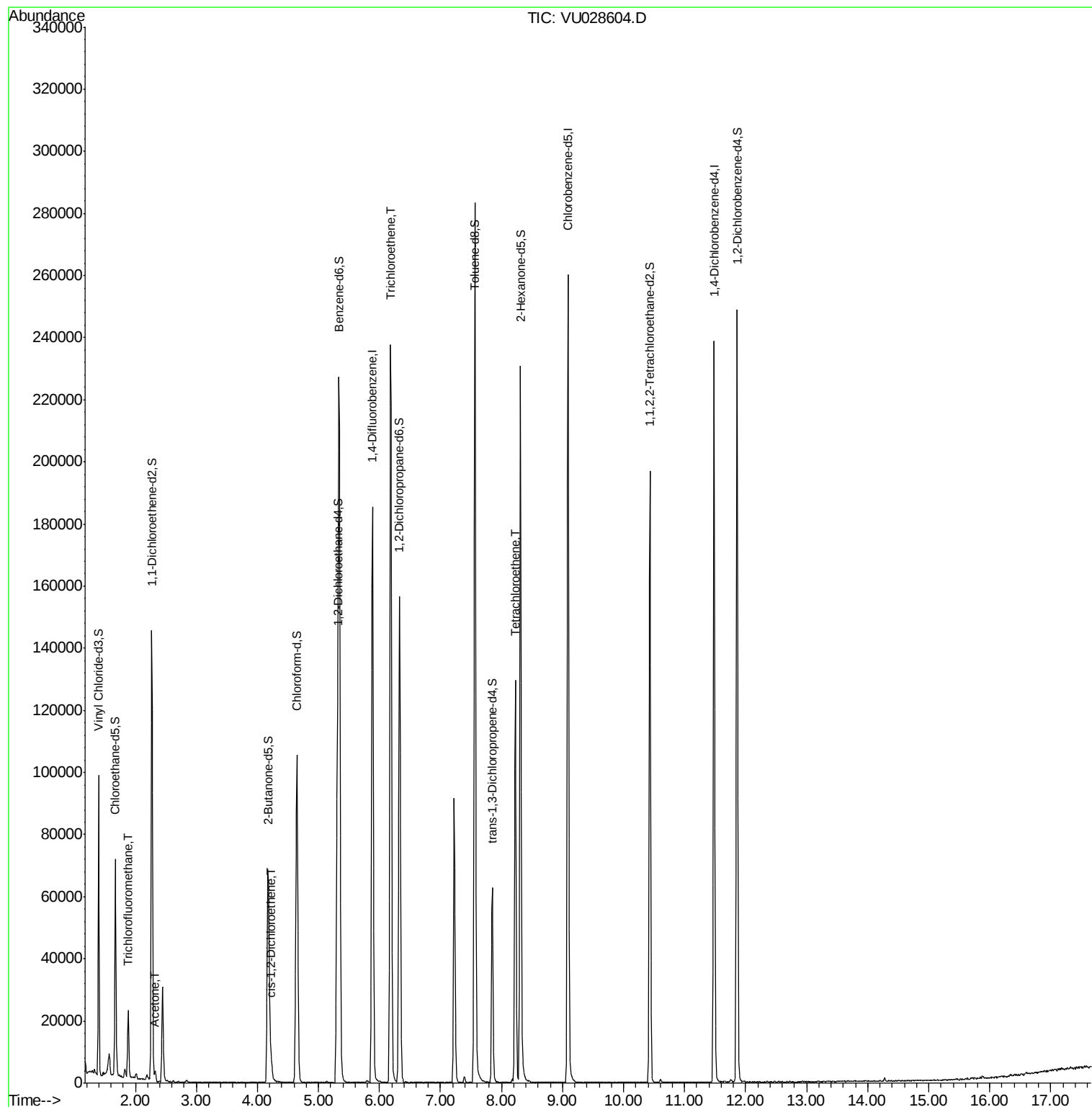
					Ovalue
9) Trichlorofluoromethane	1.88	101	12612	7.249 ug/L	96
13) Acetone	2.32	43	2445	1.940 ug/L	95
20) cis-1,2-Dichloroethene	4.22	96	1948	1.496 ug/L	89
34) Trichloroethene	6.18	95	84556	70.704 ug/L	94
46) Tetrachloroethene	8.22	164	28566	33.758 ug/L	97

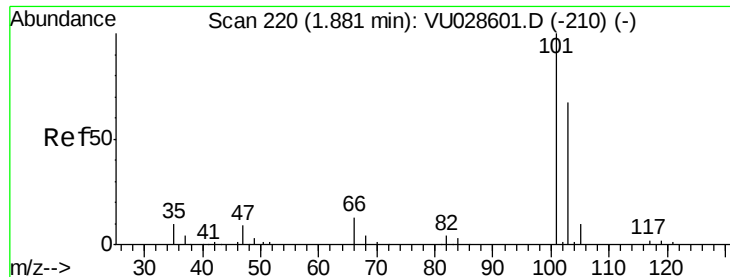
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#9

Trichlorofluoromethane

Concen: 7.249 ug/L

RT: 1.88 min Scan# 221

Delta R.T. 0.00 min

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MSVOA_U

ClientSampleId :

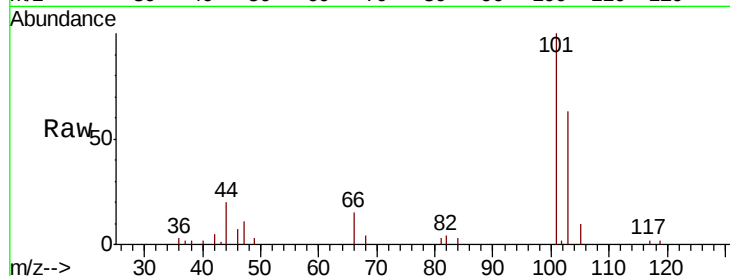
C0TP0

Tot Ion:101 Resp: 12612

Ion Ratio Lower Upper

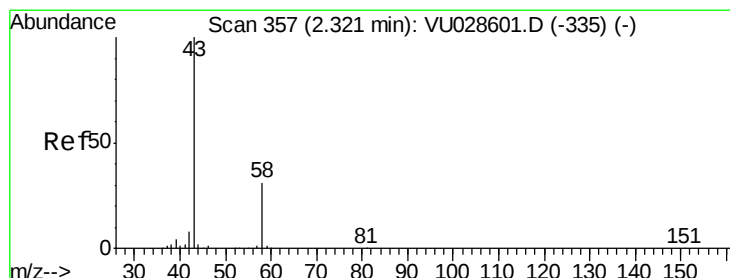
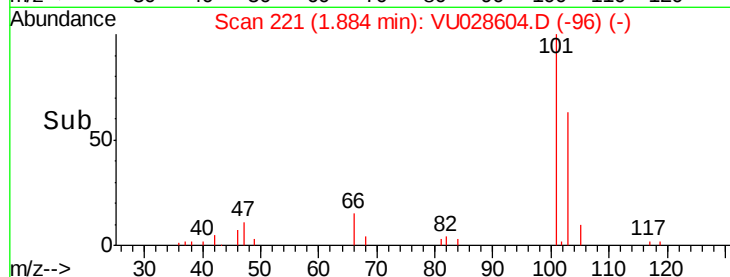
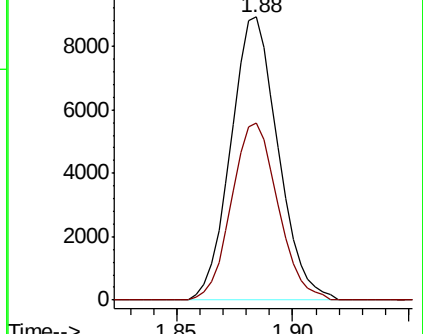
101 100

103 61.5 51.8 77.6



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#13

Acetone

Concen: 1.940 ug/L

RT: 2.32 min Scan# 357

Delta R.T. 0.00 min

Lab File: VU028604.D

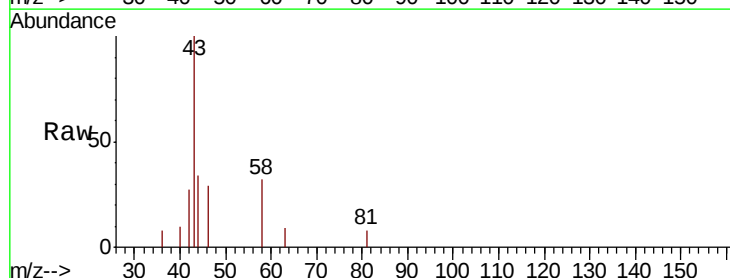
Acq: 11 Dec 2018 13:36

Tgt Ion: 43 Resp: 2445

Ion Ratio Lower Upper

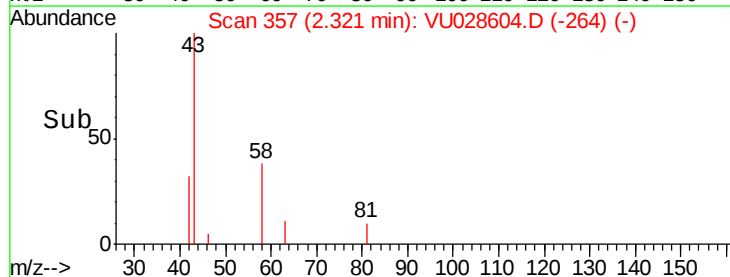
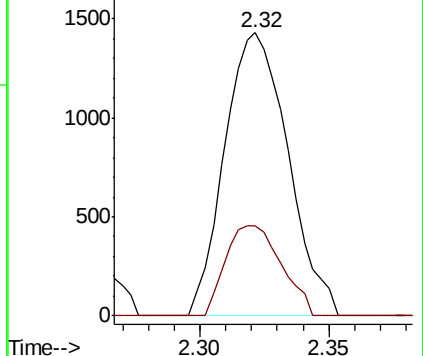
43 100

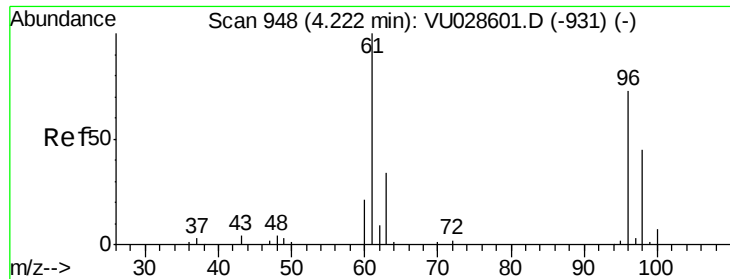
58 28.1 0.0 62.0



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

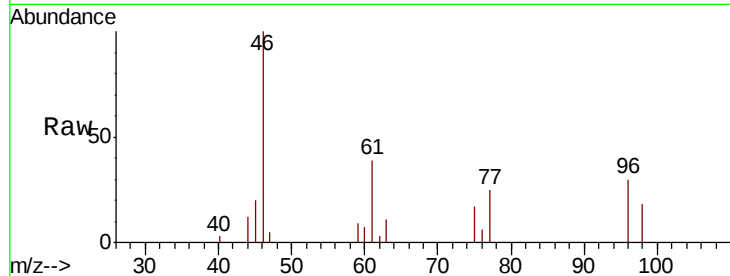




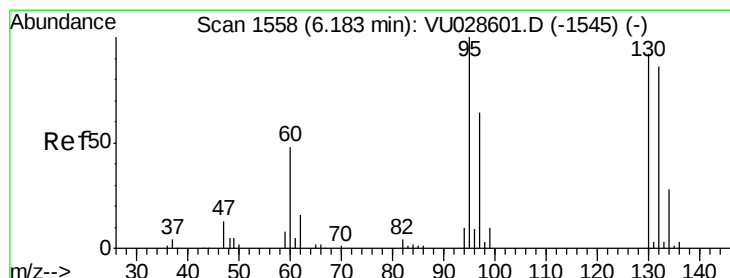
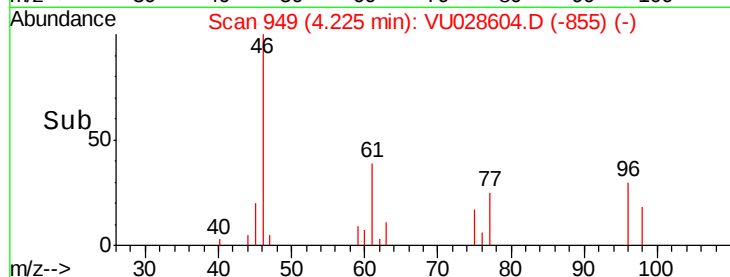
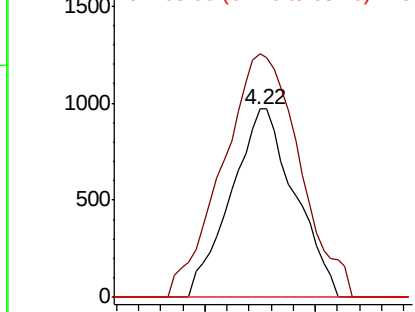
#20
cis-1,2-Dichloroethene
Concen: 1.496 ug/L
RT: 4.22 min Scan# 949
Delta R.T. 0.00 min
Lab File: VU028604.D
Acq: 11 Dec 2018 13:36

Instrument :
MSVOA_U
ClientSampleId :
C0TP0

Tot Ion: 96 Resp: 1948
Ion Ratio Lower Upper
96 100
61 129.4 100.1 185.9
68 0.0 0.0 0.0

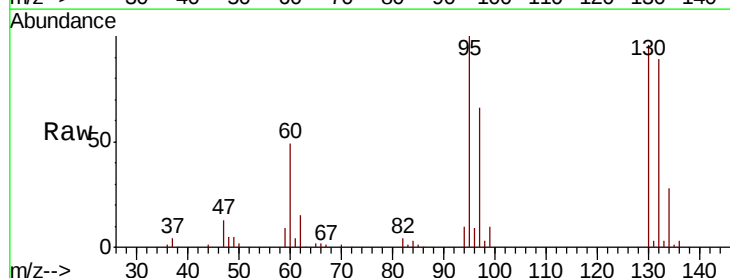


Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.00 (60.70 to 61.70): VU0
Ion 68.00 (67.70 to 68.70): VU0

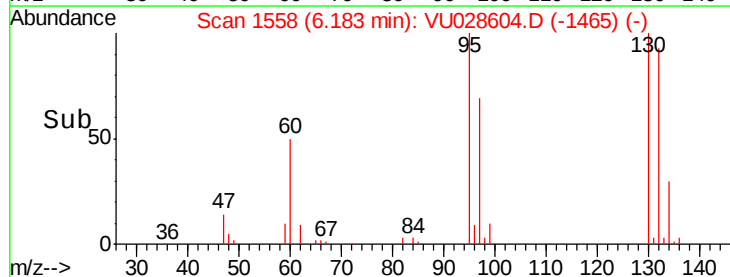
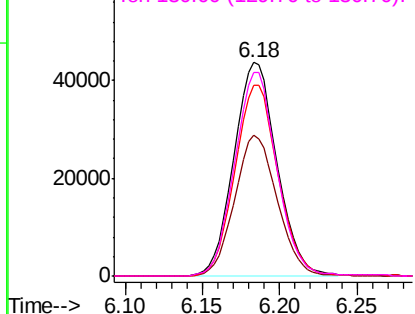


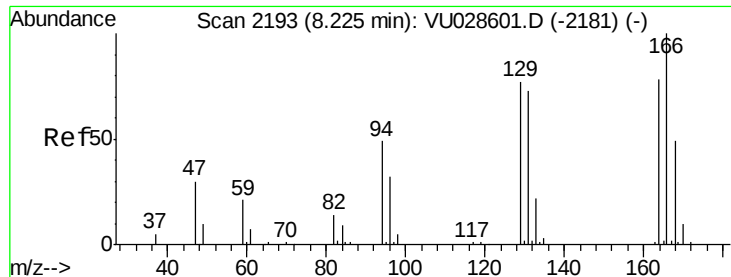
#34
Trichloroethene
Concen: 70.704 ug/L
RT: 6.18 min Scan# 1558
Delta R.T. 0.00 min
Lab File: VU028604.D
Acq: 11 Dec 2018 13:36

Tgt Ion: 95 Resp: 84556
Ion Ratio Lower Upper
95 100
97 65.9 43.5 80.9
132 89.2 59.6 110.6
130 95.5 61.8 114.8



Abundance Ion 95.00 (94.70 to 95.70): VU0
Ion 97.00 (96.70 to 97.70): VU0
Ion 132.00 (131.70 to 132.70): V
Ion 130.00 (129.70 to 130.70): V





#46

Tetrachloroethene

Concen: 33.758 ug/L

RT: 8.22 min Scan# 2193

Delta R.T. 0.00 min

Lab File: VU028604.D

Acq: 11 Dec 2018 13:36

Instrument :

MSVOA_U

ClientSampleId :

C0TP0

Tot Ion:164 Resp: 28566

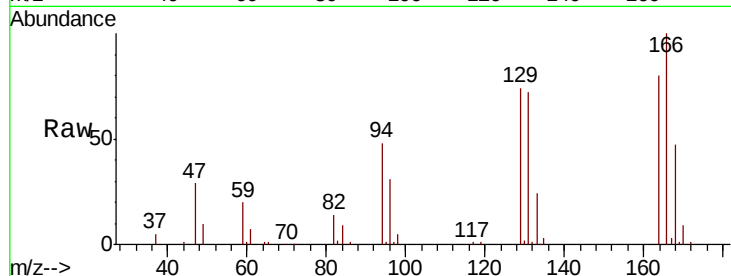
Ion Ratio Lower Upper

164 100

129 93.1 68.2 126.6

131 90.9 66.1 122.7

166 125.7 88.3 163.9



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

