

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U090618\
 Data File : VU026602.D
 Acq On : 07 Sep 2018 01:05
 Operator : MD/SY
 Sample : J4750-01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0SY1

Quant Time: Sep 07 07:22:29 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082918WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 07 05:26:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	154648	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	144249	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	59804	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	53513	55.85	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	111.70%
7) Chloroethane-d5	1.68	69	48947	56.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	113.12%
11) 1,1-Dichloroethene-d2	2.27	63	72643	33.66	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.32%
21) 2-Butanone-d5	4.18	46	87326	117.43	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	117.43%
24) Chloroform-d	4.65	84	97121	53.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.34%
26) 1,2-Dichloroethane-d4	5.31	65	65177	54.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.20%
32) Benzene-d6	5.34	84	192255	57.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	115.64%
36) 1,2-Dichloropropane-d6	6.33	67	66469	58.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	116.40%
41) Toluene-d8	7.57	98	170970	53.27	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.54%
43) trans-1,3-Dichloropropene-	7.85	79	27644	53.00	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	106.00%
47) 2-Hexanone-d5	8.31	63	61322	117.07	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	117.07%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	90491	53.78	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	107.56%
64) 1,2-Dichlorobenzene-d4	11.86	152	64749	59.67	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	119.34%

Target Compounds

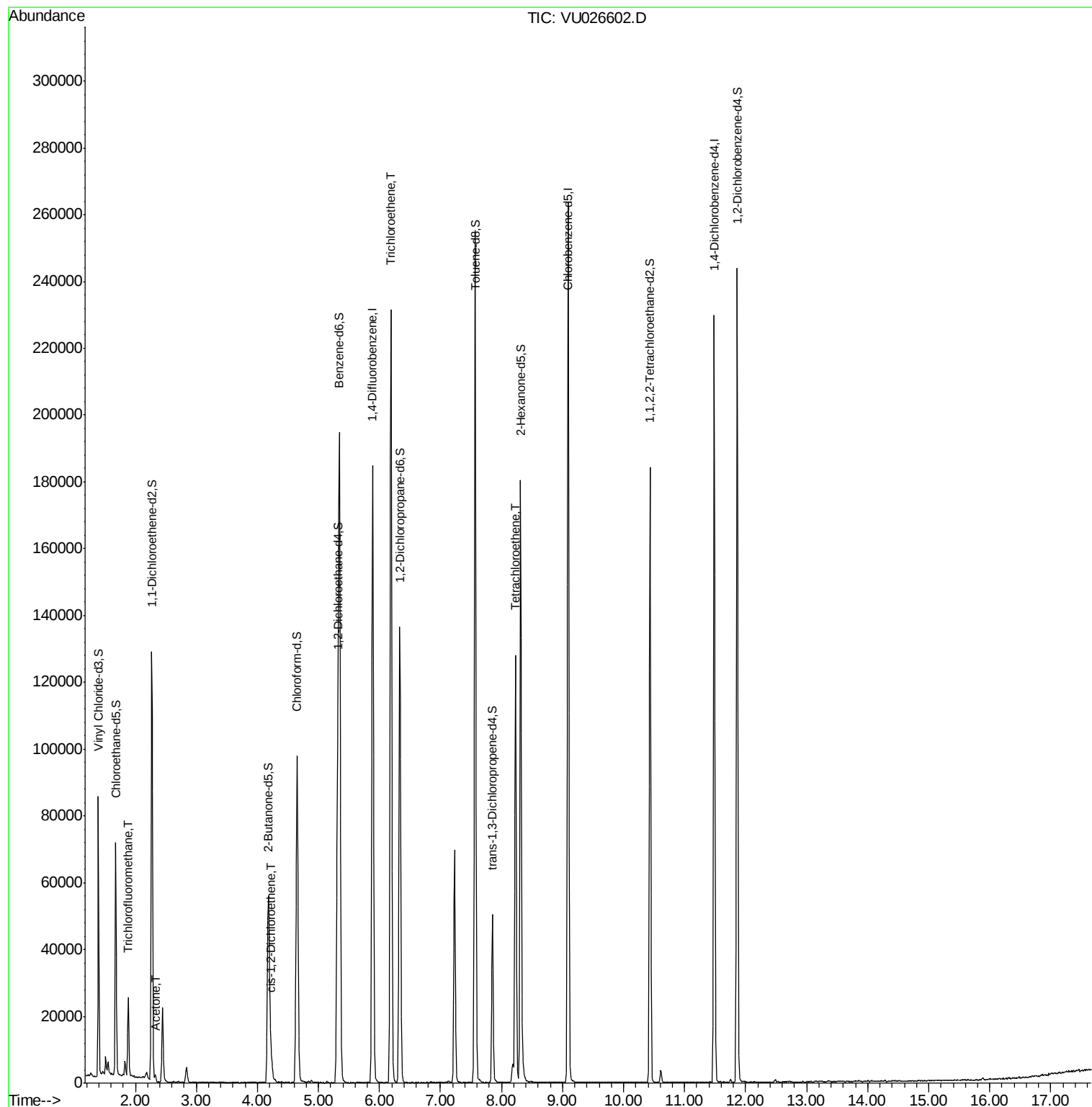
					Ovalue
9) Trichlorofluoromethane	1.88	101	13535	6.59	ug/L 98
13) Acetone	2.32	43	1480	2.30	ug/L 94
20) cis-1,2-Dichloroethene	4.23	96	2407	2.15	ug/L 76
34) Trichloroethene	6.19	95	79541	76.68	ug/L 98
46) Tetrachloroethene	8.23	164	28623	33.75	ug/L 98

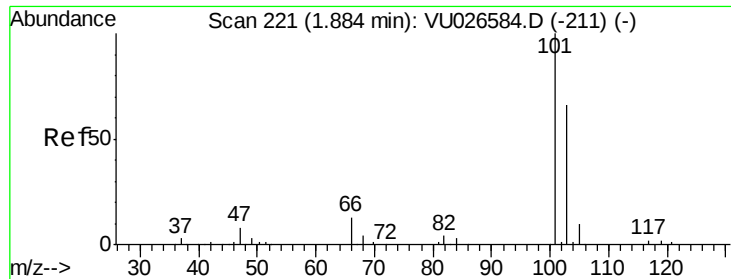
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#9

Trichlorofluoromethane

Concen: 6.59 ug/L

RT: 1.88 min Scan# 221

Delta R.T. 0.00 min

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Instrument :

MSVOA_U

ClientSampleId :

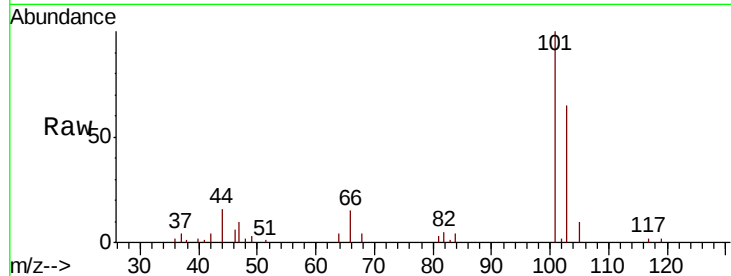
C0SY1

Tot Ion:101 Resp: 13535

Ion Ratio Lower Upper

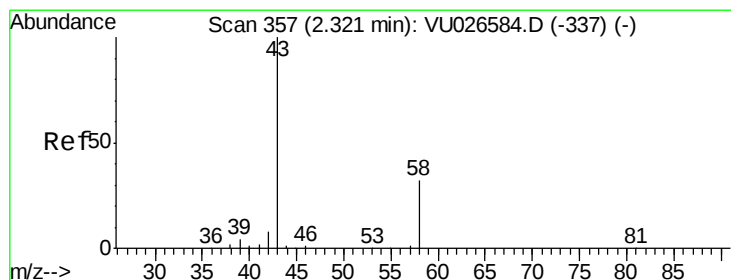
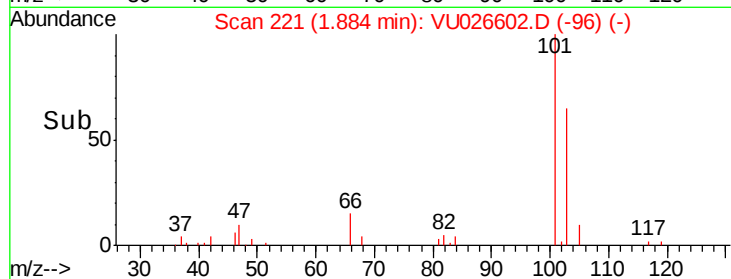
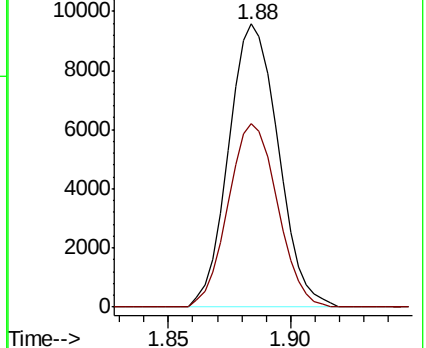
101 100

103 64.4 52.7 79.1



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#13

Acetone

Concen: 2.30 ug/L

RT: 2.32 min Scan# 358

Delta R.T. 0.00 min

Lab File: VU026602.D

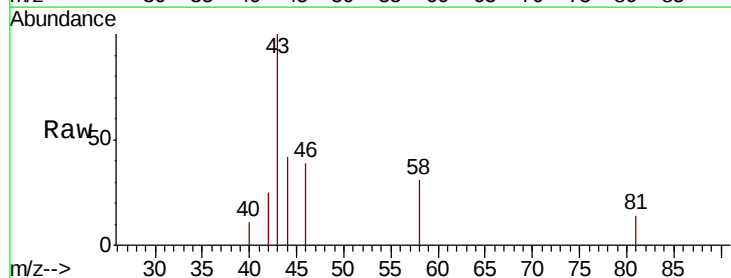
Acq: 07 Sep 2018 01:05

Tgt Ion: 43 Resp: 1480

Ion Ratio Lower Upper

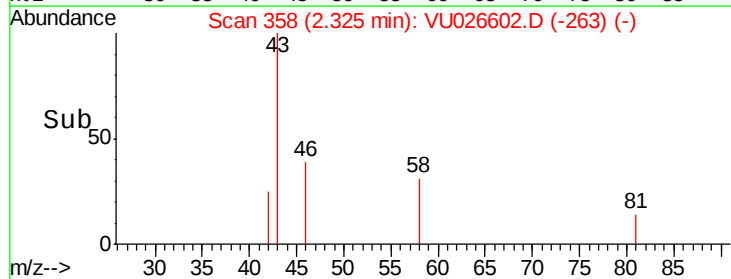
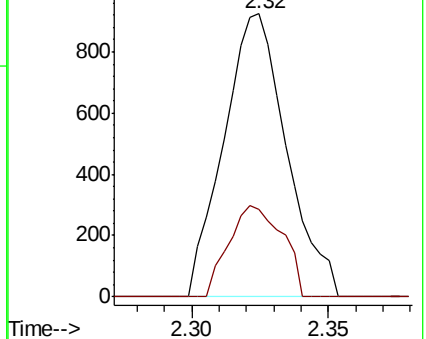
43 100

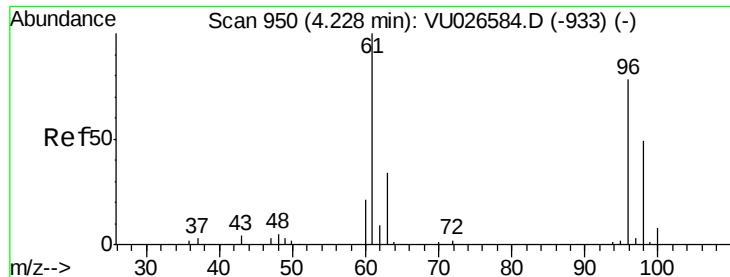
58 27.4 0.0 61.2



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

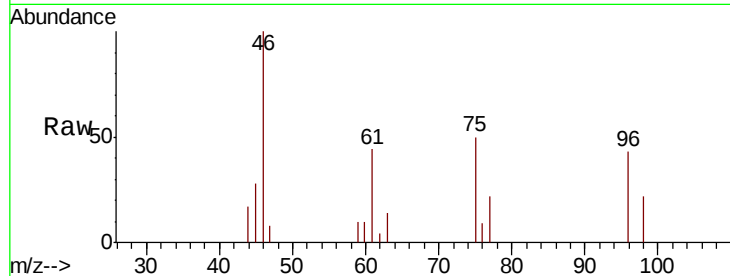




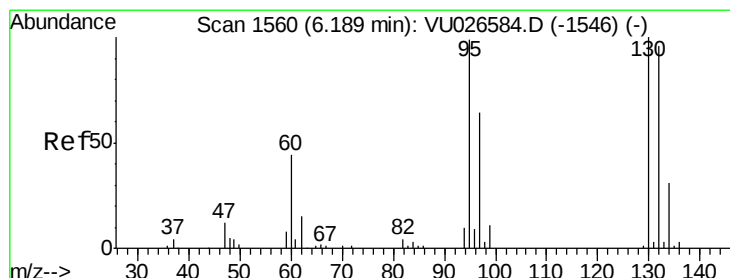
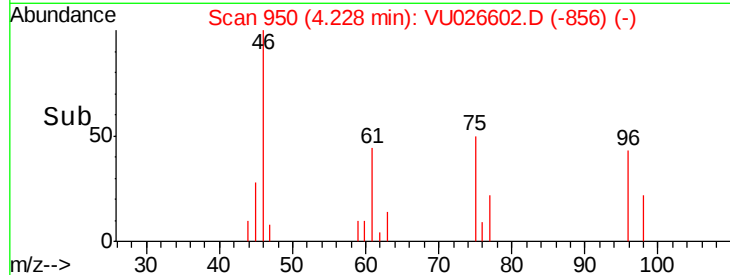
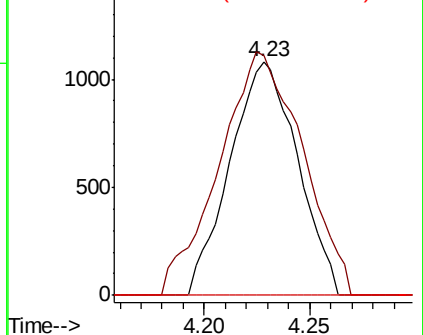
#20
 cis-1,2-Dichloroethene
 Concen: 2.15 ug/L
 RT: 4.23 min Scan# 950
 Delta R.T. 0.00 min
 Lab File: VU026602.D
 Acq: 07 Sep 2018 01:05

Instrument :
 MSVOA_U
 ClientSampleId :
 C0SY1

Tot Ion: 96 Resp: 2407
 Ion Ratio Lower Upper
 96 100
 61 102.7 91.6 170.2
 68 0.0 0.0 0.0

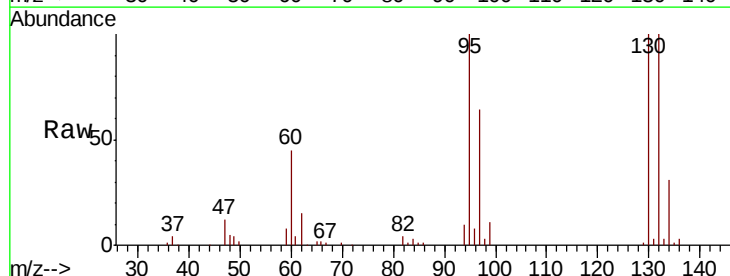


Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.00 (60.70 to 61.70): VU0
 Ion 68.00 (67.70 to 68.70): VU0

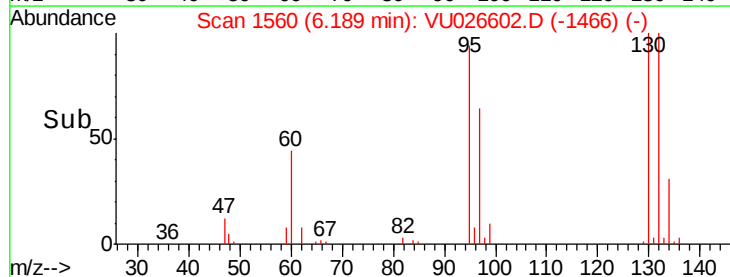
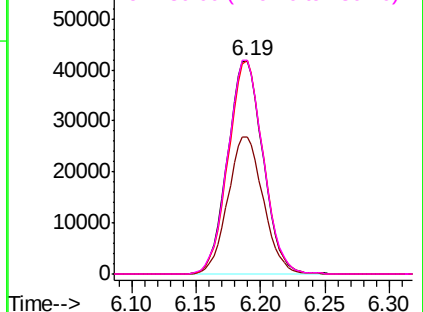


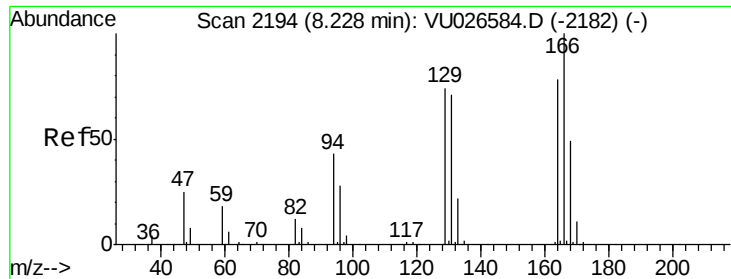
#34
 Trichloroethene
 Concen: 76.68 ug/L
 RT: 6.19 min Scan# 1560
 Delta R.T. 0.00 min
 Lab File: VU026602.D
 Acq: 07 Sep 2018 01:05

Tgt Ion: 95 Resp: 79541
 Ion Ratio Lower Upper
 95 100
 97 64.5 45.1 83.7
 132 100.2 67.5 125.3
 130 100.3 69.3 128.7



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: 33.75 ug/L

RT: 8.23 min Scan# 2194

Delta R.T. -0.00 min

Lab File: VU026602.D

Acq: 07 Sep 2018 01:05

Instrument :

MSVOA_U

ClientSampleId :

C0SY1

Tot Ion:164 Resp: 28623

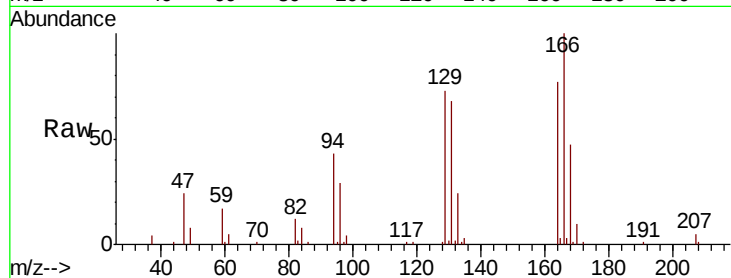
Ion Ratio Lower Upper

164 100

129 95.3 67.3 125.1

131 88.8 65.3 121.3

166 130.2 90.9 168.7



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

