

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU080418\
 Data File : VU025835.D
 Acq On : 03 Aug 2018 21:54
 Operator : MD/SY
 Sample : J4340-10
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E5F75

Quant Time: Aug 03 23:53:25 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM072018WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 03 23:51:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	312804	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	292527	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	132273	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	80560	45.11	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.22%
7) Chloroethane-d5	1.68	69	68675	46.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.24%
11) 1,1-Dichloroethene-d2	2.27	63	129793	34.91	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.82%
21) 2-Butanone-d5	4.18	46	142083	103.06	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.06%
24) Chloroform-d	4.65	84	183400	46.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.22%
26) 1,2-Dichloroethane-d4	5.31	65	126277	48.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.00%
32) Benzene-d6	5.35	84	352541	46.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.98%
36) 1,2-Dichloropropane-d6	6.34	67	115483	47.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.54%
41) Toluene-d8	7.57	98	317345	44.11	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.22%
43) trans-1,3-Dichloropropene-	7.85	79	55519	44.96	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.92%
47) 2-Hexanone-d5	8.31	63	102222	100.99	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.99%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	153434	45.38	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.76%
64) 1,2-Dichlorobenzene-d4	11.86	152	123403	46.03	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.06%

Target Compounds

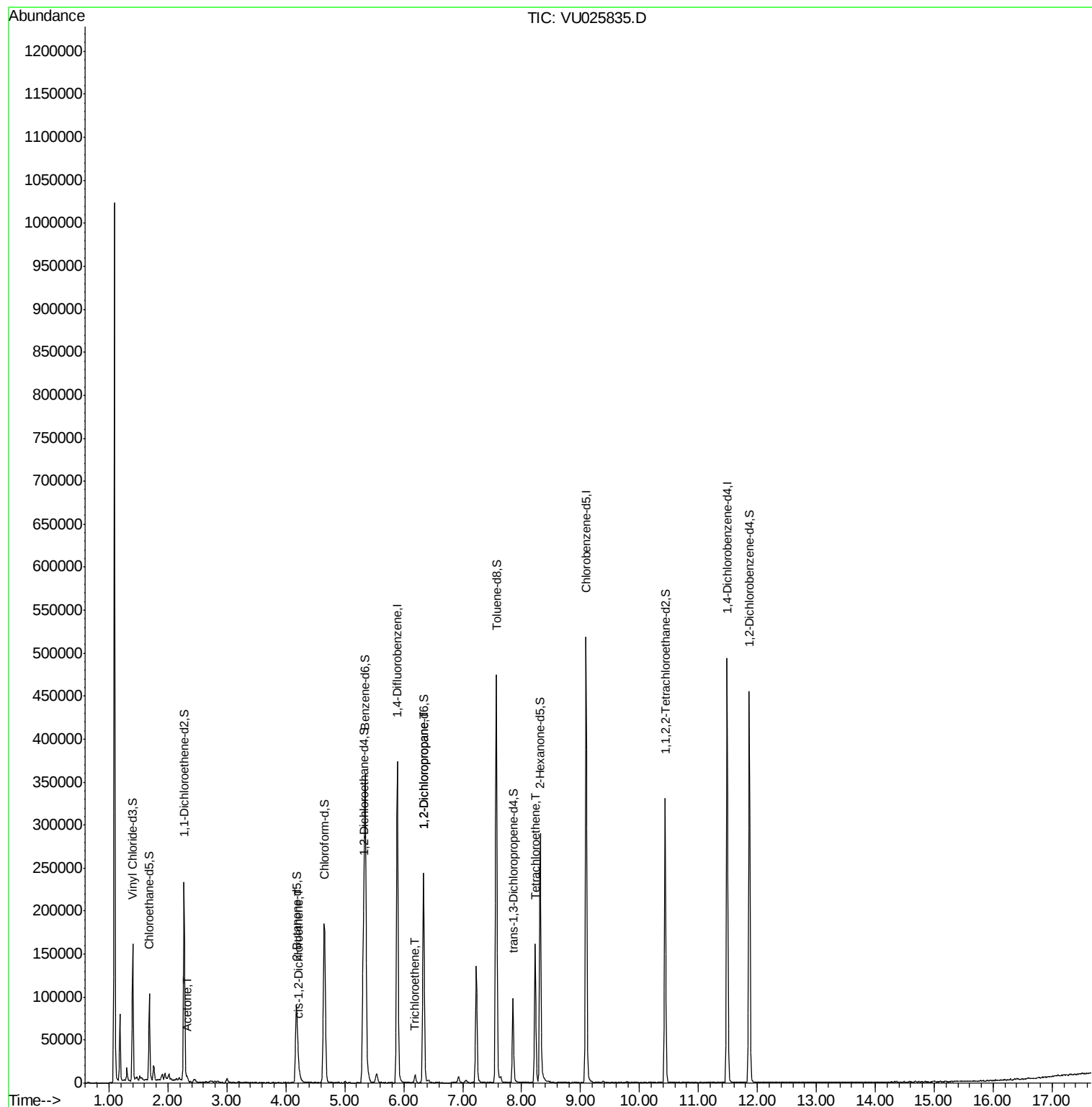
					Qvalue
13) Acetone	2.32	43	5758	3.558 ug/L	94
20) cis-1,2-Dichloroethene	4.23	96	2765	1.205 ug/L	95
34) Trichloroethene	6.19	95	3421	1.534 ug/L	81
37) 1,2-Dichloropropane	6.33	63	13029	5.673 ug/L #	88
46) Tetrachloroethene	8.23	164	36348	18.800 ug/L	98

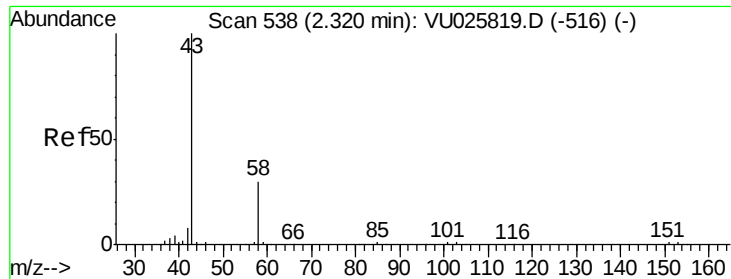
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.558 ug/L

RT: 2.32 min Scan# 539

Delta R.T. 0.00 min

Lab File: VU025835.D

Acq: 03 Aug 2018 21:54

Instrument :

MSVOA_U

ClientSampled :

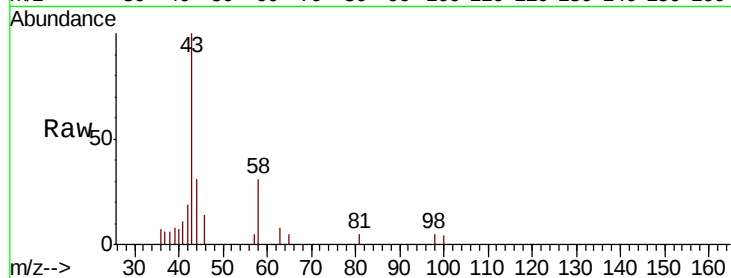
E5F75

Tgt Ion: 43 Resp: 5758

Ion Ratio Lower Upper

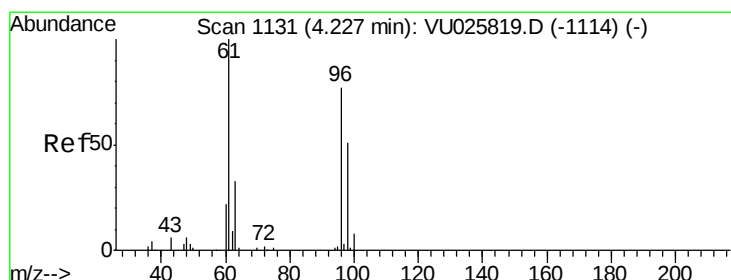
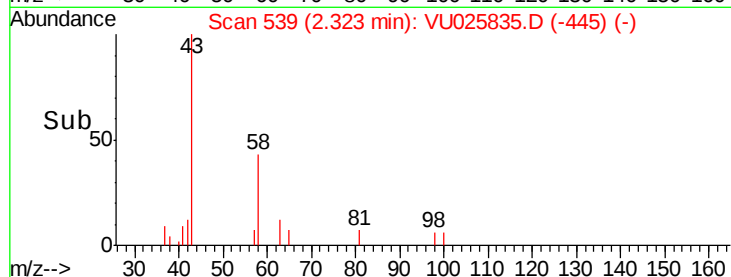
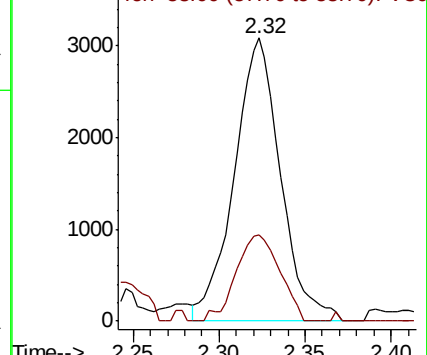
43 100

58 27.6 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: 1.205 ug/L

RT: 4.23 min Scan# 1131

Delta R.T. -0.00 min

Lab File: VU025835.D

Acq: 03 Aug 2018 21:54

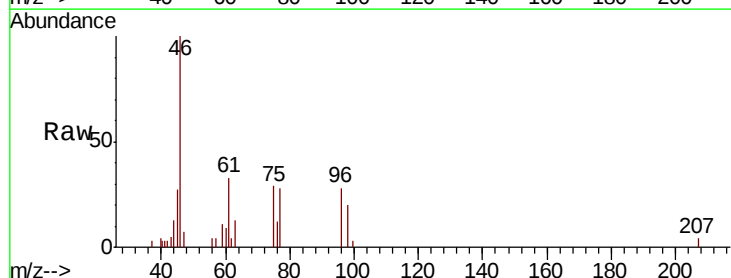
Tgt Ion: 96 Resp: 2765

Ion Ratio Lower Upper

96 100

61 118.6 87.4 162.2

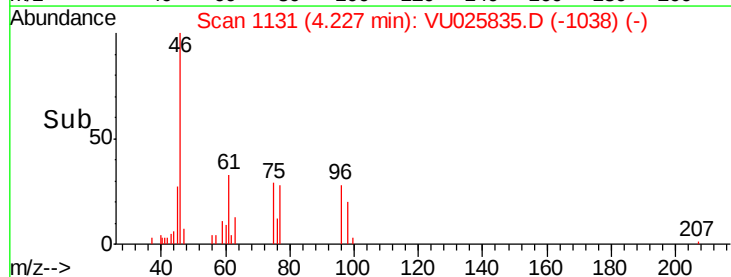
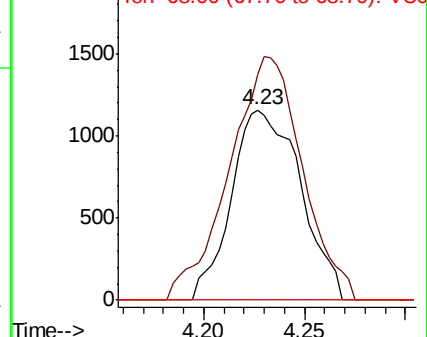
68 0.0 0.0 0.0

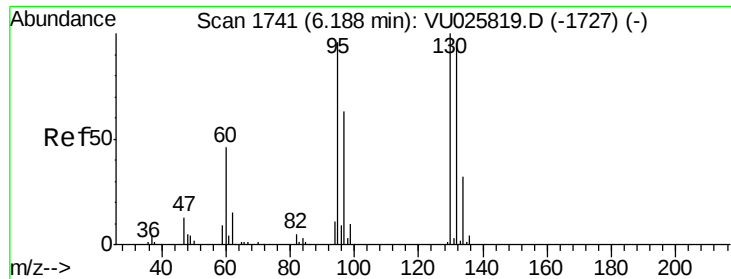


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 68.00 (67.70 to 68.70): VU0

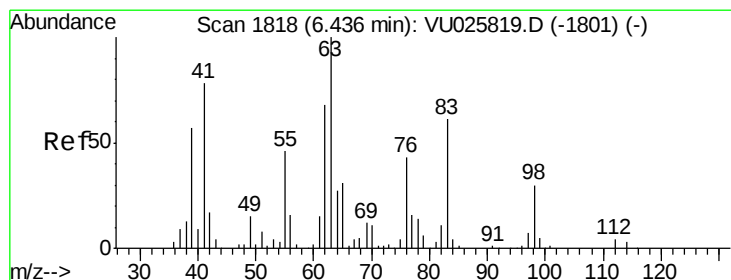
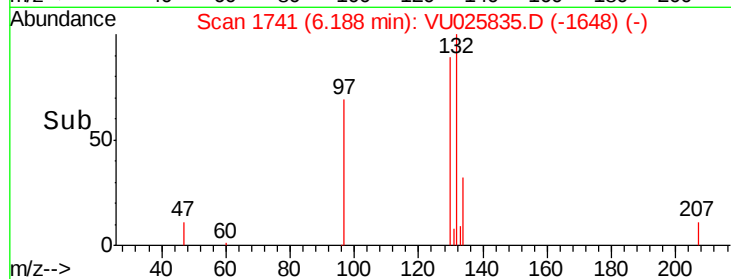
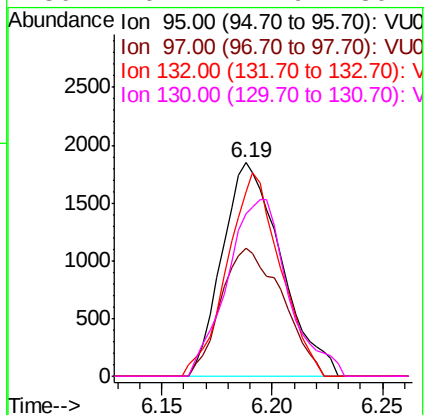
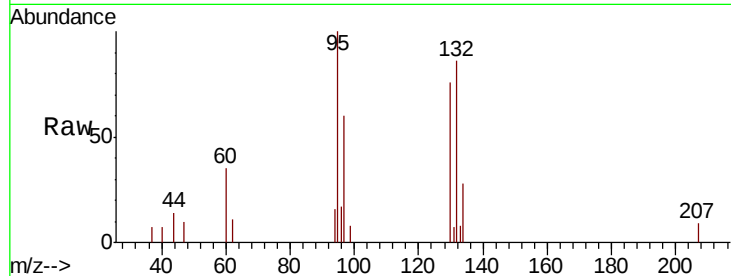




#34
 Trichloroethene
 Concen: 1.534 ug/L
 RT: 6.19 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VU025835.D
 Acq: 03 Aug 2018 21:54

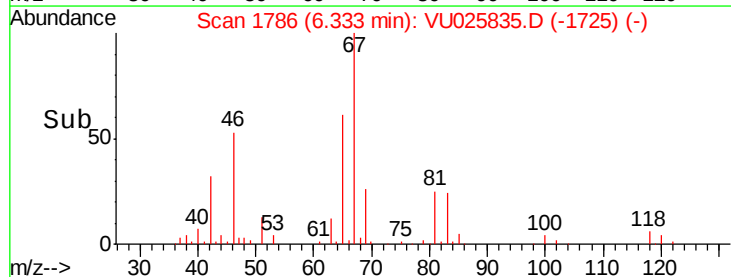
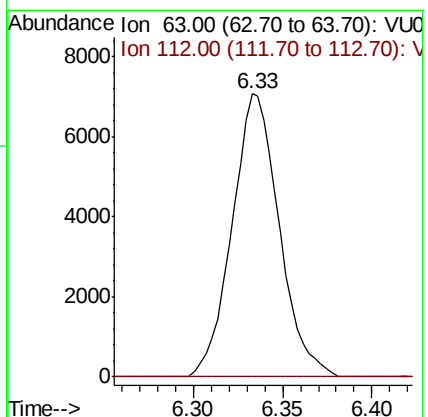
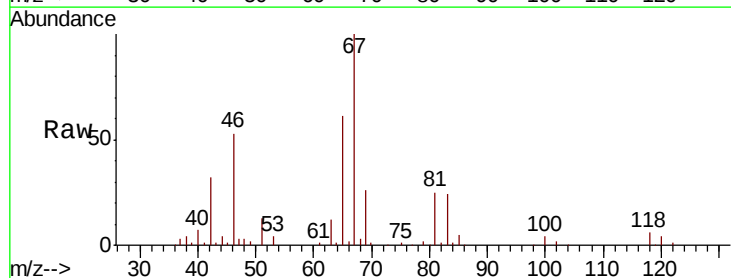
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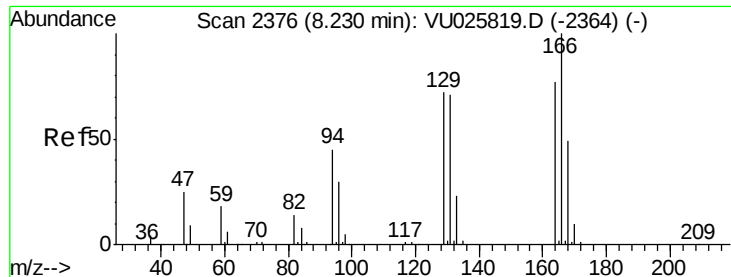
Tgt Ion:	95	Resp:	3421
Ion	Ratio	Lower	Upper
95	100		
97	59.7	45.9	85.3
132	86.0	72.2	134.2
130	76.4	74.9	139.1



#37
 1,2-Dichloropropane
 Concen: 5.673 ug/L
 RT: 6.33 min Scan# 1786
 Delta R.T. -0.10 min
 Lab File: VU025835.D
 Acq: 03 Aug 2018 21:54

Tgt Ion:	63	Resp:	13029
Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.3	4.9#





#46

Tetrachloroethene

Concen: 18.800 ug/L

RT: 8.23 min Scan# 2376

Delta R.T. -0.00 min

Lab File: VU025835.D

Acq: 03 Aug 2018 21:54

Instrument :
MSVOA_U
ClientSampleId :
E5F75

Tgt Ion:164 Resp: 36348

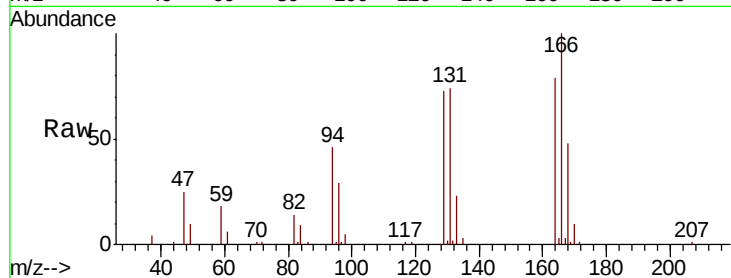
Ion Ratio Lower Upper

164 100

129 92.1 65.1 120.9

131 93.6 62.8 116.6

166 126.8 89.7 166.7



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

