

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV082518\
 Data File : VV007207.D
 Acq On : 25 Aug 2018 16:32
 Operator : SY/MD
 Sample : J4622-10
 Misc : 5.0 mL/MSVOA V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ETBK2

Quant Time: Aug 27 02:40:32 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM082418WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Aug 27 01:23:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	681595	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	682946	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	282267	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	239366	50.00	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	100.00%
7) Chloroethane-d5	1.58	69	181112	46.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.30%
11) 1,1-Dichloroethene-d2	2.13	63	300241	36.05	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.10%
21) 2-Butanone-d5	3.96	46	476651	133.59	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	133.59%#
24) Chloroform-d	4.41	84	442930	47.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.32%
26) 1,2-Dichloroethane-d4	5.09	65	280659	49.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.88%
32) Benzene-d6	5.11	84	900721	46.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.86%
36) 1,2-Dichloropropane-d6	6.12	67	301333	47.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.66%
41) Toluene-d8	7.37	98	736221	43.10	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.20%
43) trans-1,3-Dichloropropene-	7.67	79	123632	44.44	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.88%
47) 2-Hexanone-d5	8.14	63	229718	114.36	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	114.36%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	426072	50.24	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.48%
64) 1,2-Dichlorobenzene-d4	11.68	152	298660	50.70	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.40%

Target Compounds

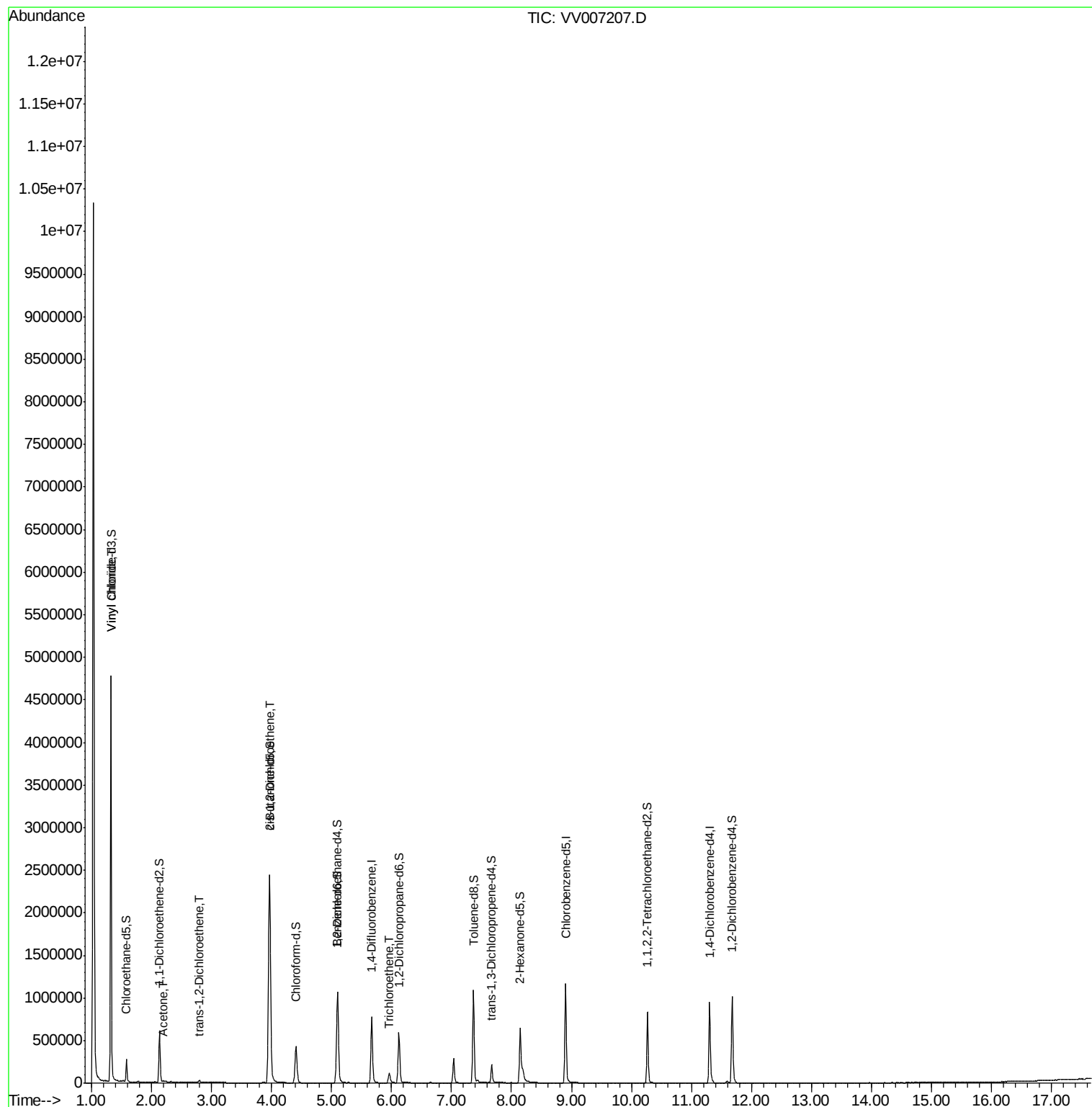
						Ovalue
5) Vinyl chloride	1.32	62	2854949	498.19	ug/L	100
13) Acetone	2.20	43	10649	4.04	ug/L	95
17) trans-1,2-Dichloroethene	2.79	96	9086	2.00	ug/L	93
20) cis-1,2-Dichloroethene	3.97	96	1274577	239.67	ug/L	98
34) Trichloroethene	5.96	95	35926	6.98	ug/L	98

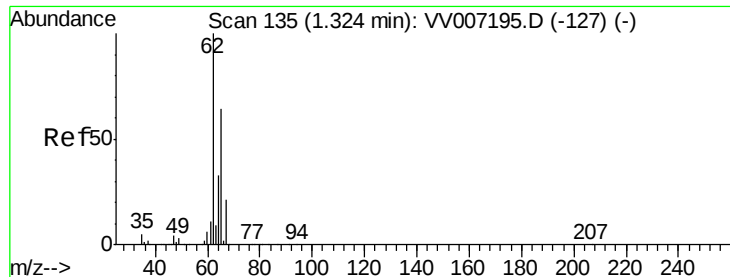
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 498.19 ug/L

RT: 1.32 min Scan# 135

Delta R.T. -0.00 min

Lab File: VV007207.D

Acq: 25 Aug 2018 16:32

Instrument :

MSVOA_V

ClientSampleId :

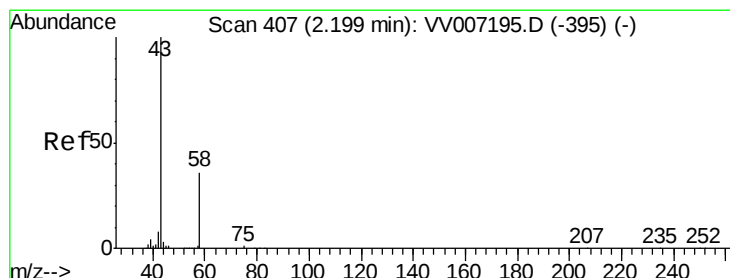
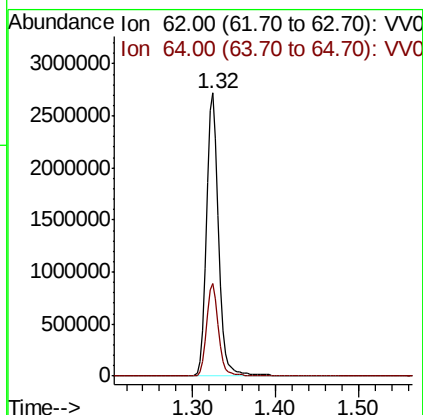
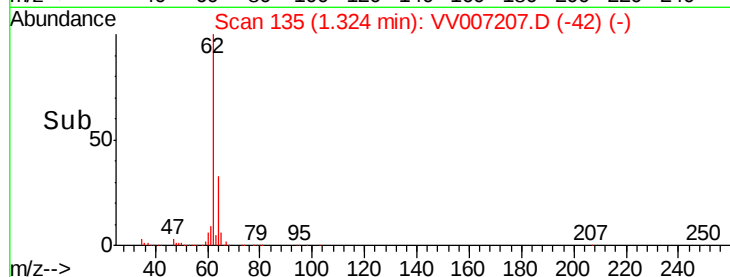
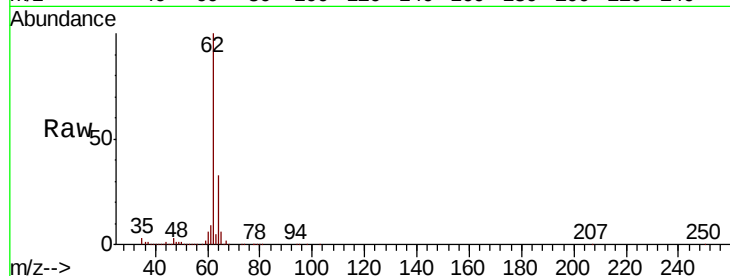
ETBK2

Tot Ion: 62 Resp: 2854949

Ion Ratio Lower Upper

62 100

64 32.6 22.9 42.5



#13

Acetone

Concen: 4.04 ug/L

RT: 2.20 min Scan# 407

Delta R.T. -0.00 min

Lab File: VV007207.D

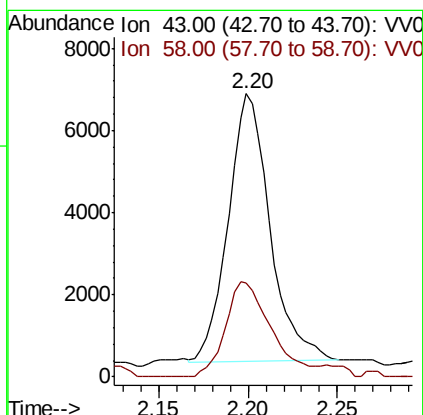
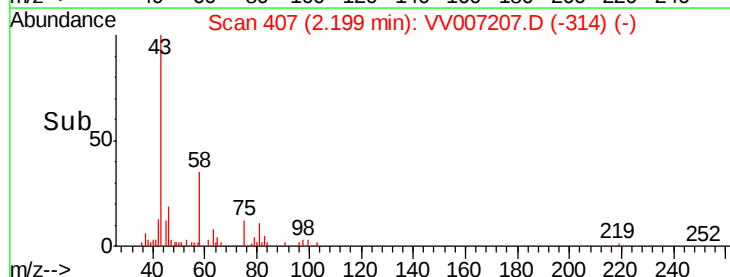
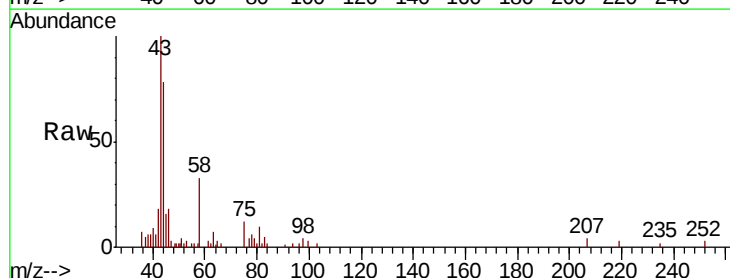
Acq: 25 Aug 2018 16:32

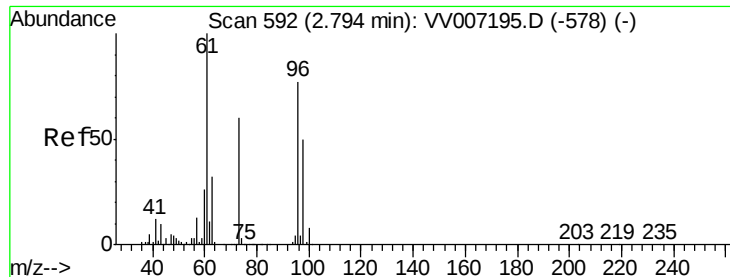
Tgt Ion: 43 Resp: 10649

Ion Ratio Lower Upper

43 100

58 38.8 0.0 72.0

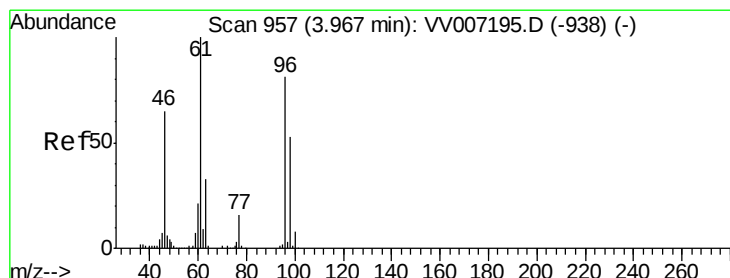
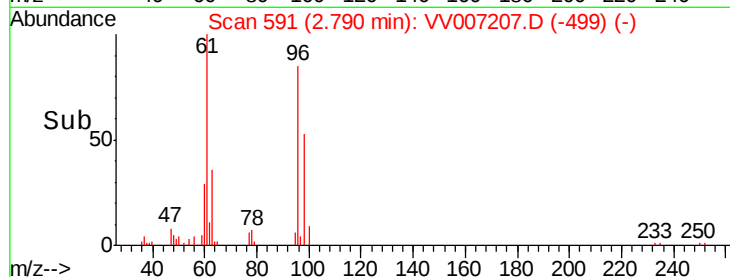
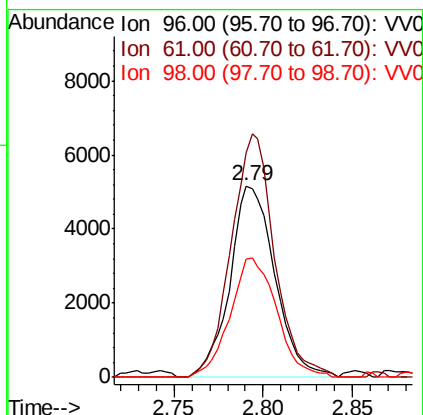
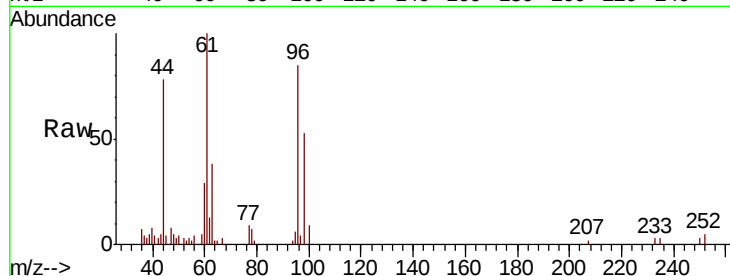




#17
trans-1,2-Dichloroethene
Concen: 2.00 ug/L
RT: 2.79 min Scan# 591
Delta R.T. -0.00 min
Lab File: VV007207.D
Acq: 25 Aug 2018 16:32

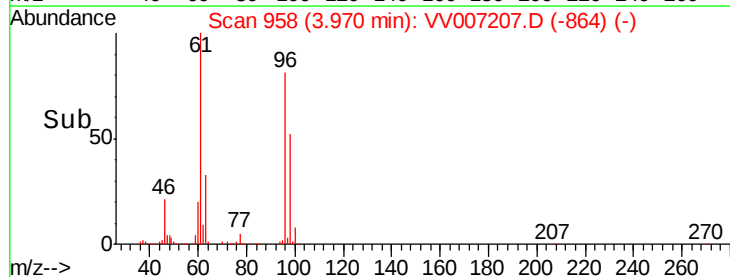
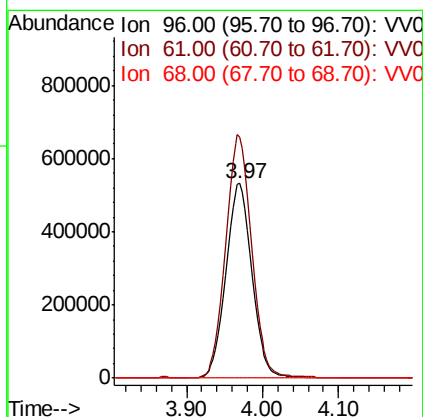
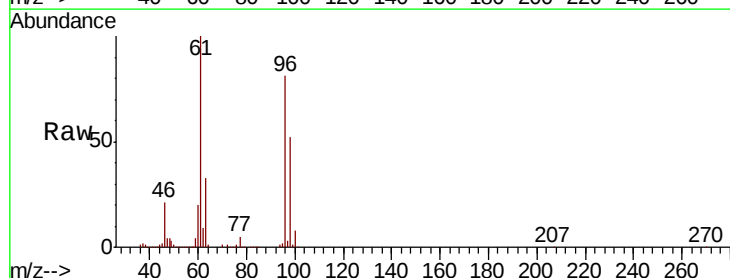
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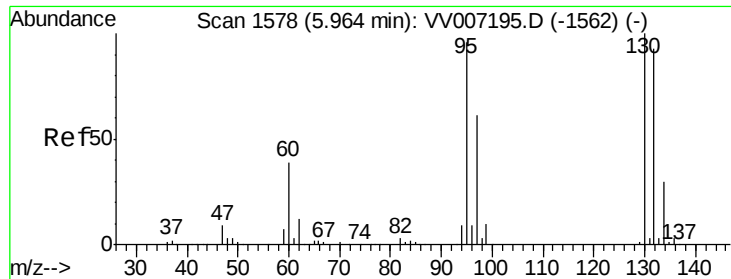
Tot Ion: 96 Resp: 9086
Ion Ratio Lower Upper
96 100
61 117.3 90.6 168.2
98 61.7 43.8 81.3



#20
cis-1,2-Dichloroethene
Concen: 239.67 ug/L
RT: 3.97 min Scan# 958
Delta R.T. 0.00 min
Lab File: VV007207.D
Acq: 25 Aug 2018 16:32

Tgt Ion: 96 Resp: 1274577
Ion Ratio Lower Upper
96 100
61 124.2 88.2 163.8
68 0.0 0.0 0.0





#34

Trichloroethene

Concen: 6.98 ug/L

RT: 5.96 min Scan# 1578

Delta R.T. -0.00 min

Lab File: VV007207.D

Acq: 25 Aug 2018 16:32

Instrument :
MSVOA_V
ClientSampleId :
ETBK2

Tot Ion: 95 Resp: 35926

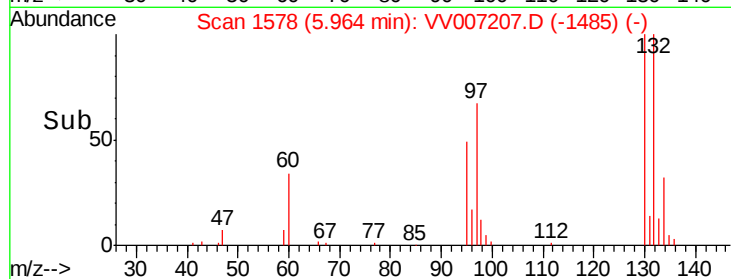
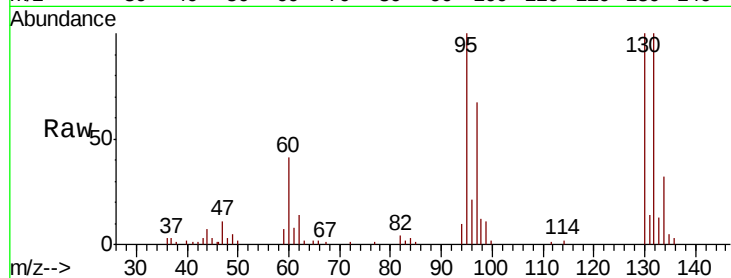
Ion Ratio Lower Upper

95 100

97 67.2 45.4 84.2

132 100.1 70.8 131.4

130 99.8 71.7 133.3



Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 97.00 (96.70 to 97.70): VV0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V

