

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW050719\
 Data File : VW010305.D
 Acq On : 07 May 2019 18:30
 Operator : SY/VA
 Sample : K2690-09
 Misc : 5.71G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A5155

Quant Time: May 08 04:39:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM050719S.M
 Quant Title : VOC Analysis
 QLast Update : Wed May 08 02:05:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	631778	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	649645	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	282454	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	135835	18.47	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.88%
7) Chloroethane-d5	2.89	69	116458	18.92	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.68%
10) 1,1-Dichloroethene-d2	4.01	63	230758	12.59	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	50.36%
20) 2-Butanone-d5	7.09	46	180480	52.96	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.92%
24) Chloroform-d	7.65	84	404013	24.01	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.04%
26) 1,2-Dichloroethane-d4	8.30	65	249816	25.08	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.32%
29) Benzene-d6	8.27	84	780500	22.12	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	88.48%
33) 1,2-Dichloropropane-d6	9.27	67	255982	23.73	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.92%
37) Toluene-d8	10.32	98	680043	21.62	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	86.48%
38) trans-1,3-Dichloropropene-	10.58	79	103365	20.96	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	83.84%
39) 2-Hexanone-d5	10.93	63	137876	50.02	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.04%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	265241	25.86	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	103.44%
61) 1,2-Dichlorobenzene-d4	13.86	152	262878	27.27	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	109.08%

Target Compounds

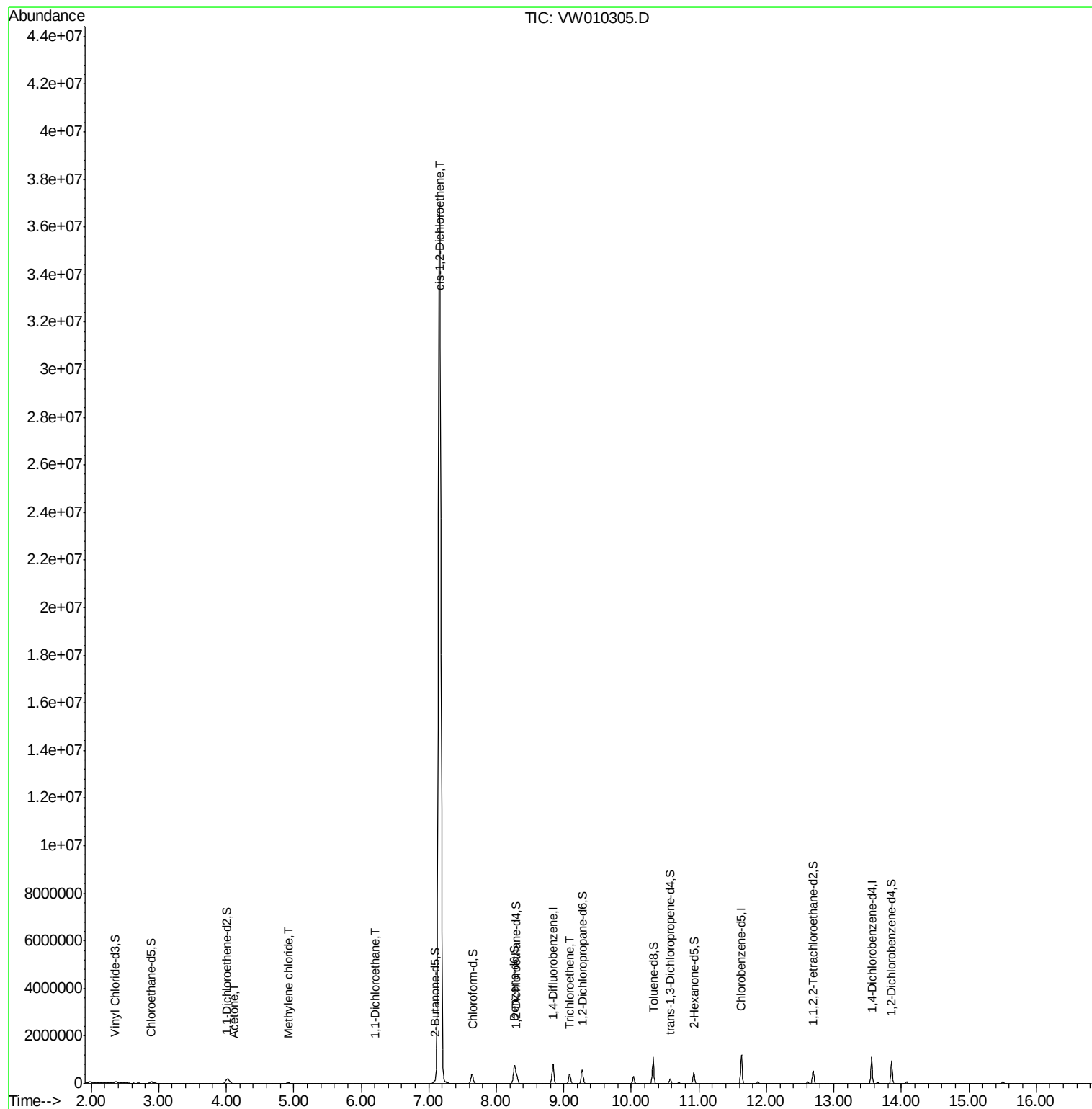
					Qvalue
13) Acetone	4.12	43	5051	1.732 ug/L	96
16) Methylene chloride	4.92	84	24959	2.918 ug/L	96
19) 1,1-Dichloroethane	6.20	63	15088	0.890 ug/L	96
22) cis-1,2-Dichloroethene	7.16	96	22369627	2448.502 ug/L	81
35) Trichloroethene	9.09	95	135182	12.831 ug/L	99

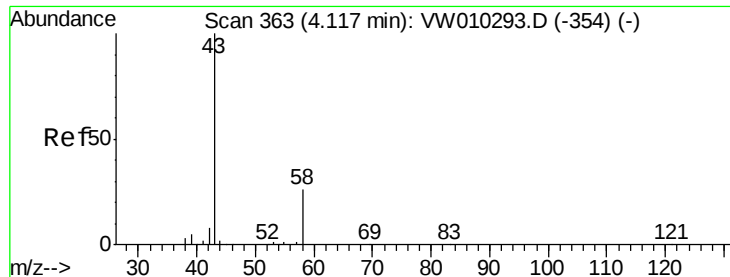
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed May 08 02:05:40 2019
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#13

Acetone

Concen: 1.732 ug/L

RT: 4.12 min Scan# 363

Delta R.T. -0.00 min

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Acq: 07 May 2019 18:30

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ClientSampleId :

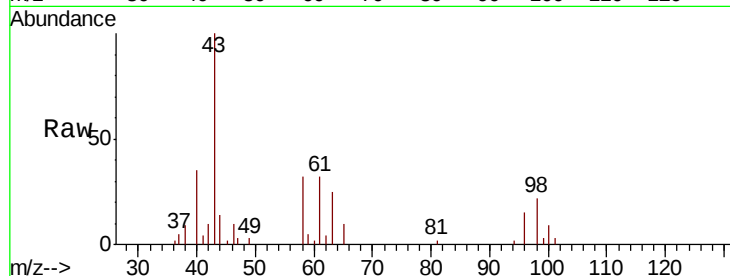
A5155

Tgt Ion: 43 Resp: 5051

Ion Ratio Lower Upper

43 100

58 29.9 0.0 55.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

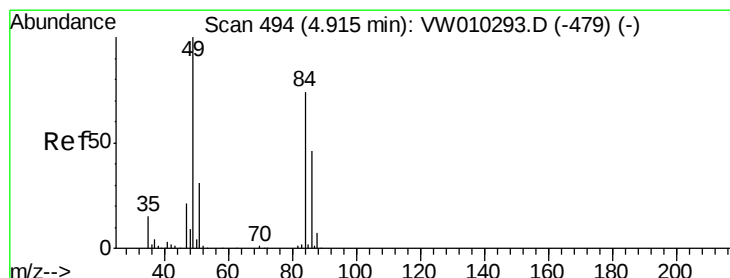
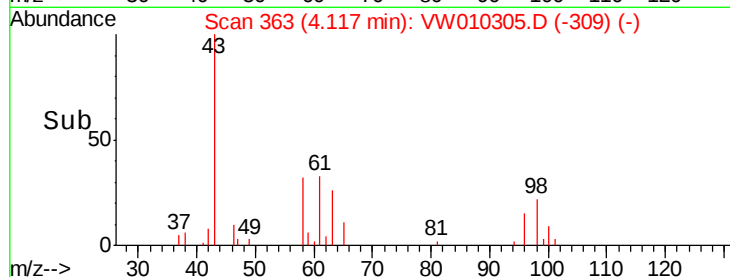
3000

2000

1000

0

Time-->



#16

Methylene chloride

Concen: 2.918 ug/L

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

Lab File: VW010305.D

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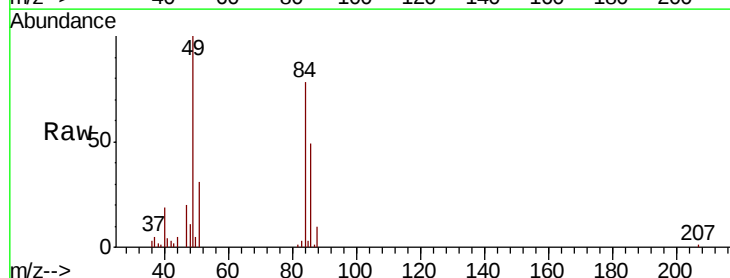
Tgt Ion: 84 Resp: 24959

Ion Ratio Lower Upper

84 100

49 127.5 94.4 175.4

86 62.7 43.8 81.4



Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW

10000

8000

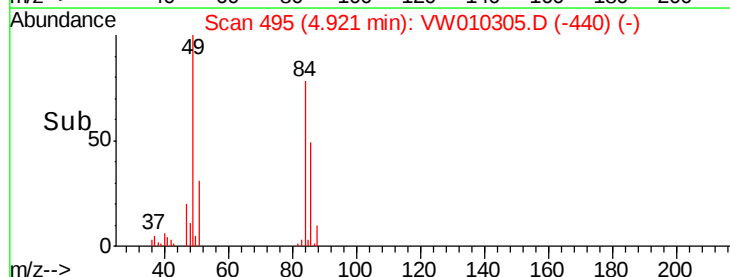
6000

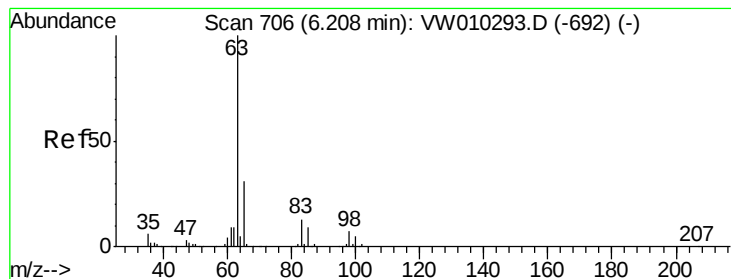
4000

2000

0

Time-->





#19

1,1-Dichloroethane

Concen: 0.890 ug/L

RT: 6.20 min Scan# 705

Delta R.T. -0.01 min

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Instrument :

MSVOA_W

ClientSampleId :

A5155

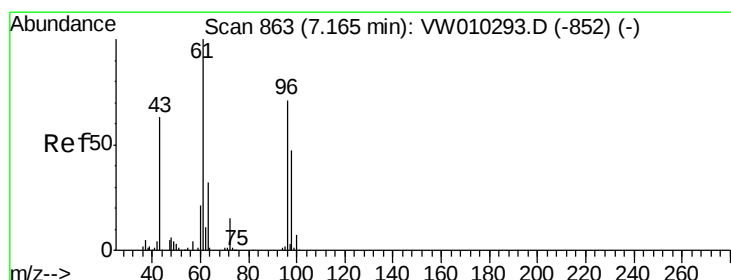
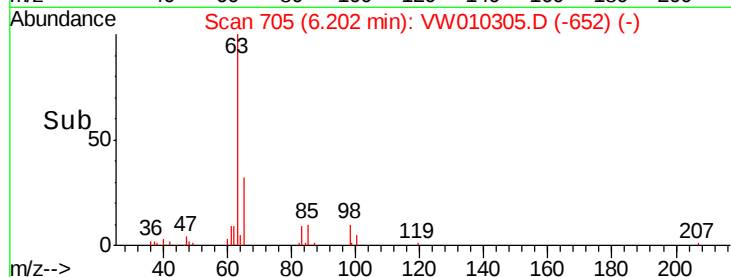
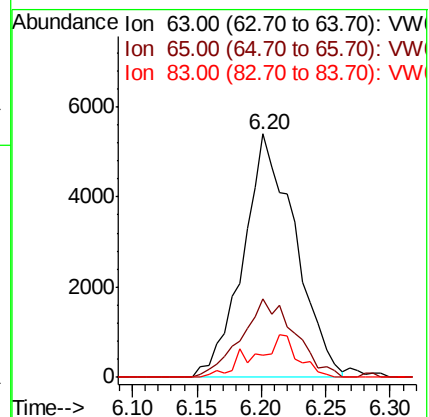
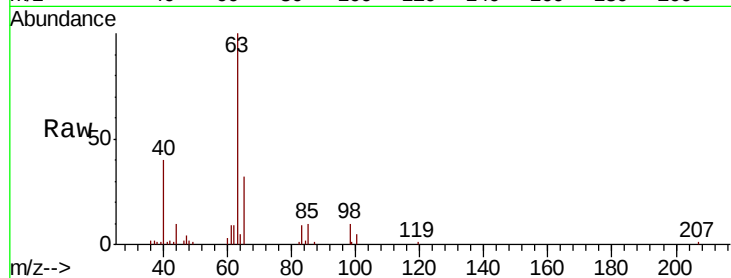
Tgt Ion: 63 Resp: 15088

Ion Ratio Lower Upper

63 100

65 32.0 21.8 40.4

83 9.3 9.2 17.2



#22

cis-1,2-Dichloroethene

Concen: 2448.502 ug/L

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

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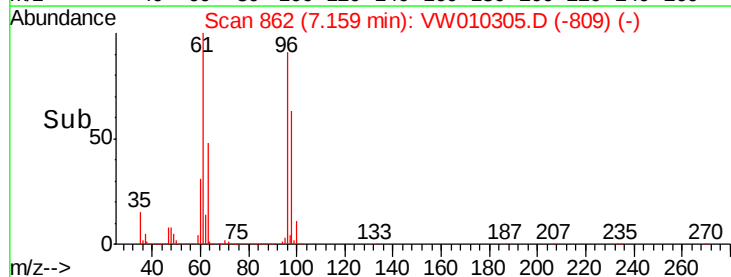
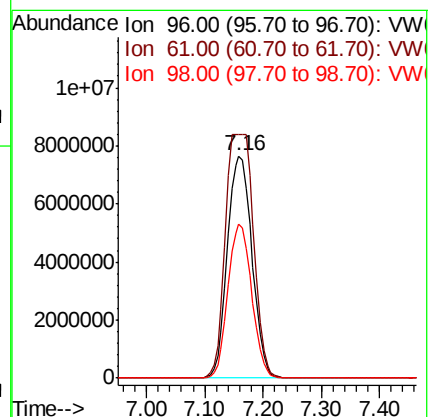
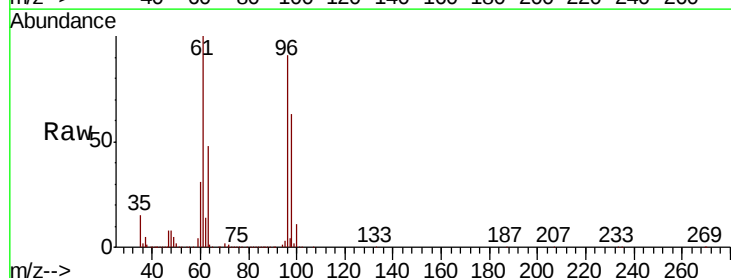
Tgt Ion: 96 Resp: 22369627

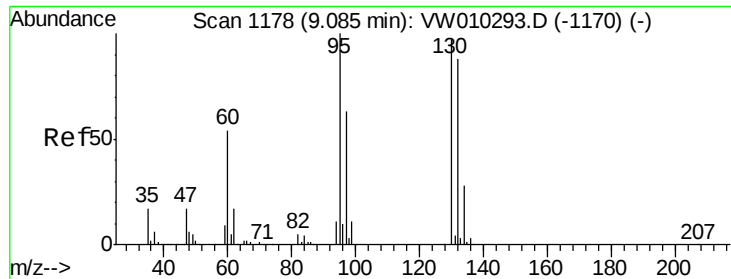
Ion Ratio Lower Upper

96 100

61 109.7 98.2 182.4

98 69.2 45.8 85.2





#35

Trichloroethene

Concen: 12.831 ug/L

RT: 9.09 min Scan# 1179

Delta R.T. 0.01 min

Lab File: VW010305.D

Acq: 07 May 2019 18:30

Instrument :

MSVOA_W

ClientSampleId :

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Tgt Ion: 95 Resp: 135182

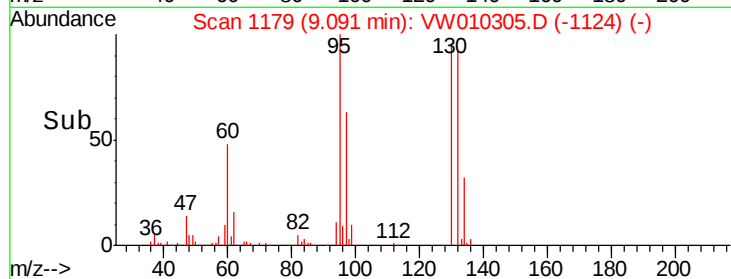
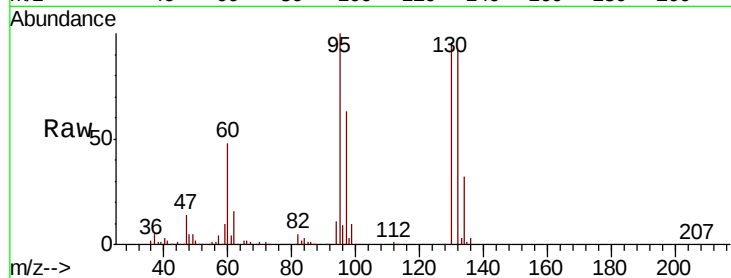
Ion Ratio Lower Upper

95 100

97 65.5 44.8 83.2

132 92.9 64.7 120.1

130 97.0 68.3 126.9



Abundance

Ion 95.00 (94.70 to 95.70): VW

Ion 97.00 (96.70 to 97.70): VW

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V

