

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082318\
 Data File : VW004903.D
 Acq On : 23 Aug 2018 17:52
 Operator : SY/AP
 Sample : J4624-06
 Misc : 5.04G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Aug 24 05:02:51 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM082218S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 24 05:01:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	961319	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.64	117	876086	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	437008	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	333394	18.35	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.40%
7) Chloroethane-d5	2.89	69	248359	18.44	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.76%
10) 1,1-Dichloroethene-d2	4.03	63	345029	14.87	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	59.48%
20) 2-Butanone-d5	7.09	46	95085	25.71	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	51.42%
24) Chloroform-d	7.75	84	127	0.01	ug/L	0.09
Spiked Amount	25.000	Range	40 - 150	Recovery	=	0.04%#
26) 1,2-Dichloroethane-d4	8.32	65	208626	17.99	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	71.96%
29) Benzene-d6	8.28	84	1078270	23.93	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.72%
33) 1,2-Dichloropropane-d6	9.28	67	314443	23.75	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.00%
37) Toluene-d8	10.33	98	1052214	22.04	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	88.16%
38) trans-1,3-Dichloropropene-	10.59	79	125234	21.98	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	87.92%
39) 2-Hexanone-d5	10.93	63	105590	32.19	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	64.38%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	240047	18.04	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	72.16%
61) 1,2-Dichlorobenzene-d4	13.86	152	378045	21.54	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	86.16%

Target Compounds

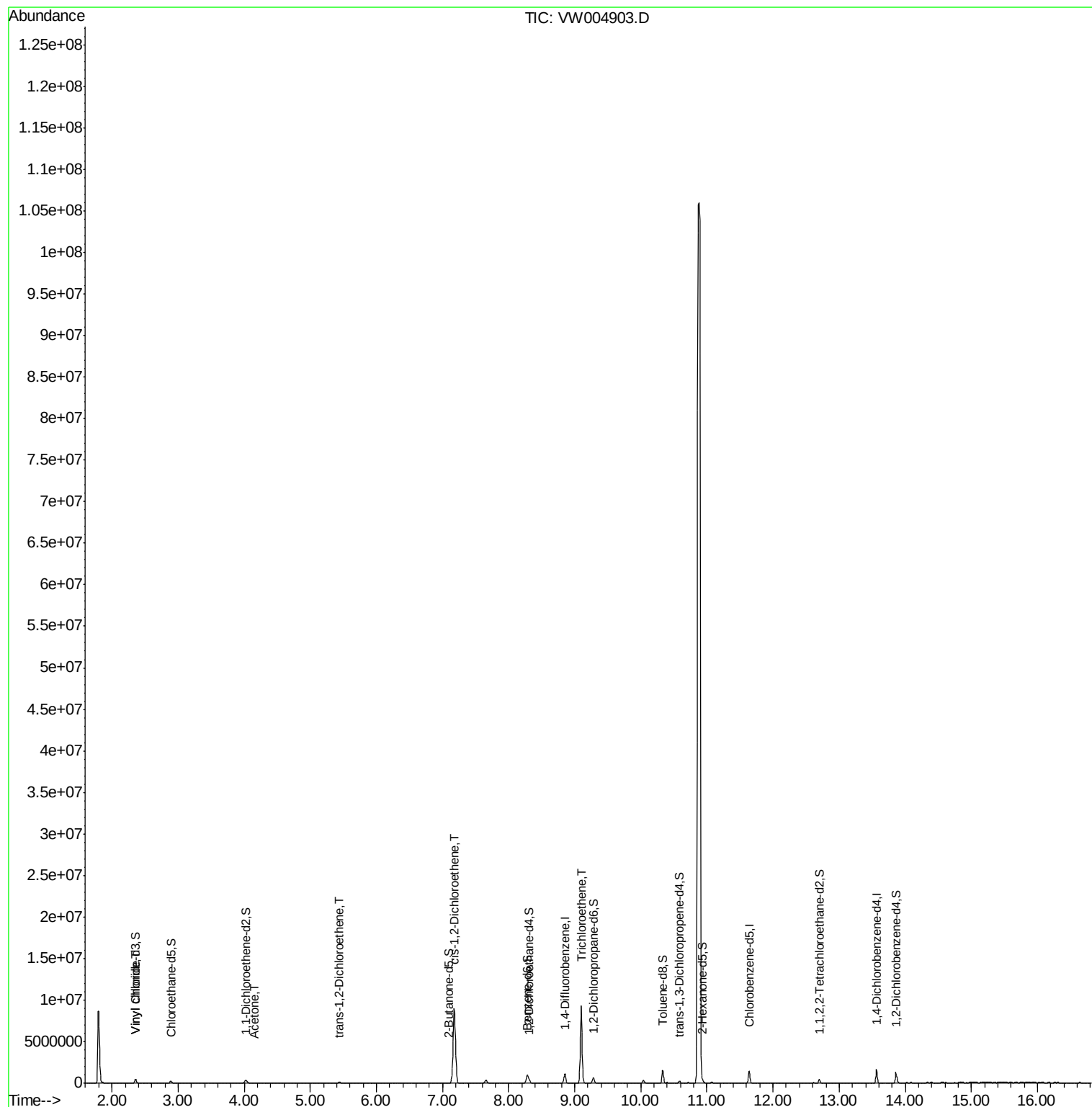
					Ovalue
5) Vinyl chloride	2.36	62	173782	8.373	ug/L 100
13) Acetone	4.15	43	11421	3.987	ug/L 72
18) trans-1,2-Dichloroethene	5.43	96	65924	5.657	ug/L 96
22) cis-1,2-Dichloroethene	7.18	96	5609386	446.038	ug/L 97
35) Trichloroethene	9.10	95	3287427	264.662	ug/L 99

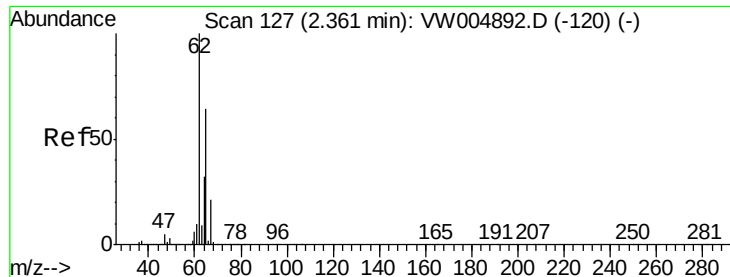
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#5

Vinyl chloride

Concen: 8.373 ug/L

RT: 2.36 min Scan# 127

Delta R.T. -0.00 min

Lab File: VW004903.D

Acq: 23 Aug 2018 17:52

Instrument :

MSVOA_W

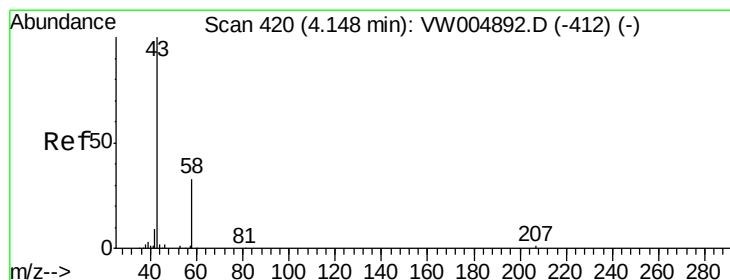
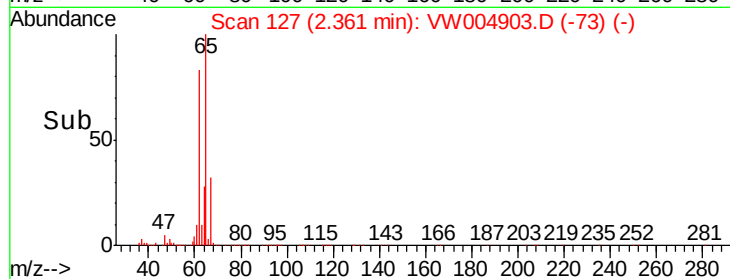
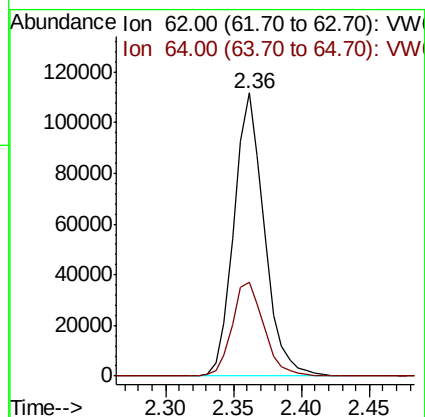
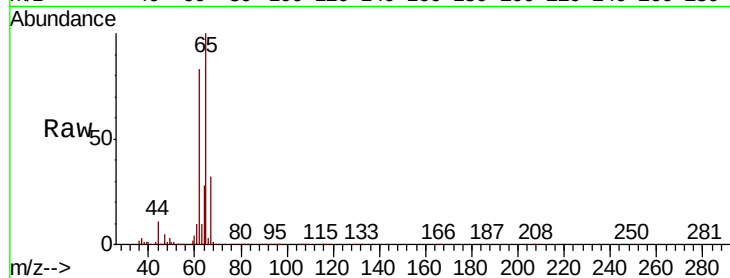
ClientSampled :

Tot Ion: 62 Resp: 173782

Ion Ratio Lower Upper

62 100

64 33.3 23.3 43.3



#13

Acetone

Concen: 3.987 ug/L

RT: 4.15 min Scan# 420

Delta R.T. -0.00 min

Lab File: VW004903.D

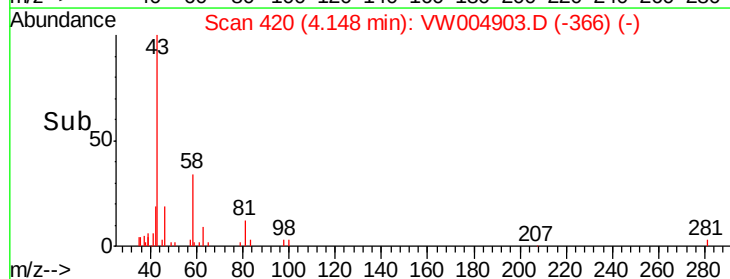
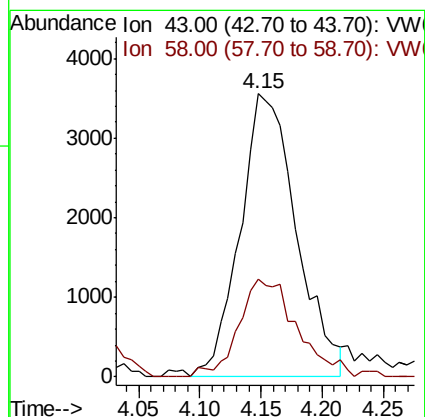
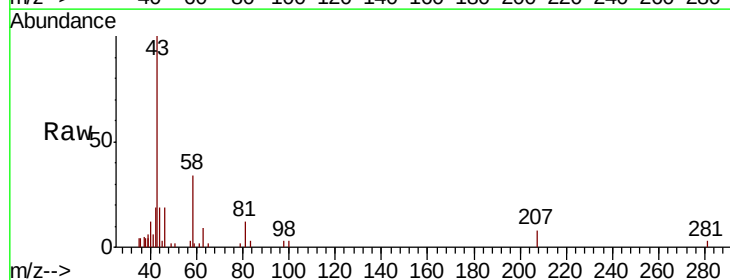
Acq: 23 Aug 2018 17:52

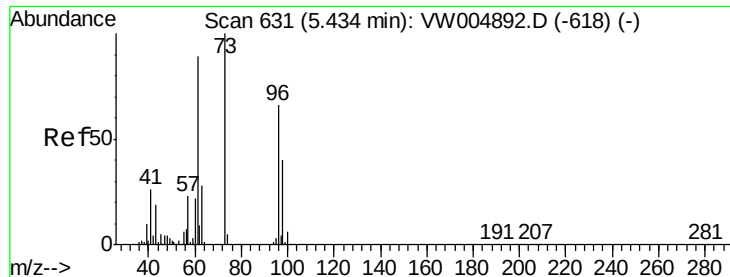
Tgt Ion: 43 Resp: 11421

Ion Ratio Lower Upper

43 100

58 18.2 0.0 69.4





#18

trans-1,2-Dichloroethene

Concen: 5.657 ug/L

RT: 5.43 min Scan# 631

Delta R.T. -0.00 min

Lab File: VW004903.D

Acq: 23 Aug 2018 17:52

Instrument :

MSVOA_W

ClientSampleId :

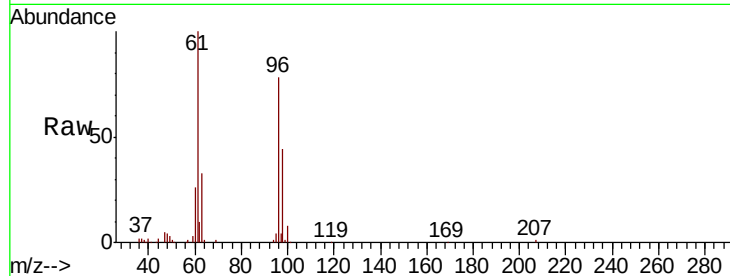
Tot Ion: 96 Resp: 65924

Ion Ratio Lower Upper

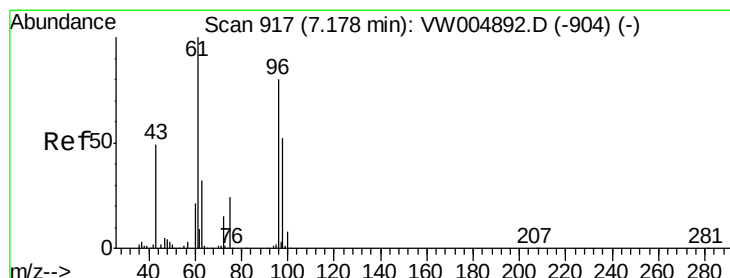
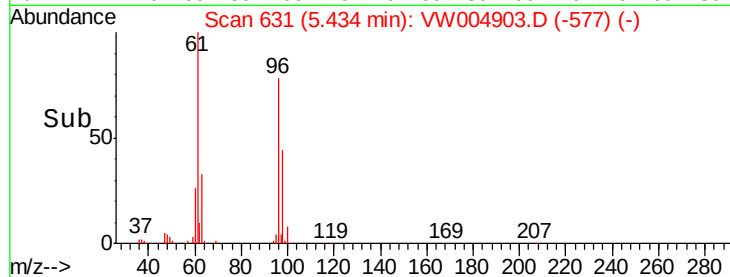
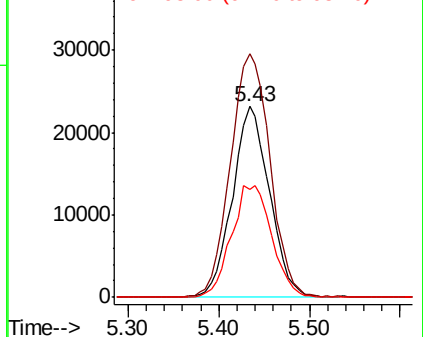
96 100

61 127.7 92.5 171.9

98 56.7 42.8 79.4



Abundance Ion 96.00 (95.70 to 96.70): VW
Ion 61.00 (60.70 to 61.70): VW
Ion 98.00 (97.70 to 98.70): VW



#22

cis-1,2-Dichloroethene

Concen: 446.038 ug/L

RT: 7.18 min Scan# 917

Delta R.T. -0.00 min

Lab File: VW004903.D

Acq: 23 Aug 2018 17:52

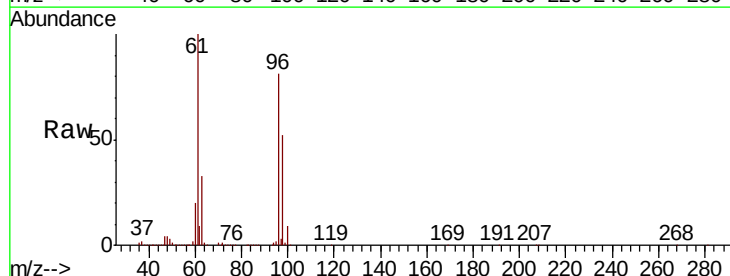
Tgt Ion: 96 Resp: 5609386

Ion Ratio Lower Upper

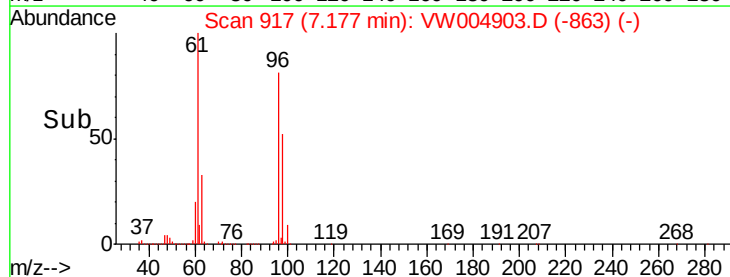
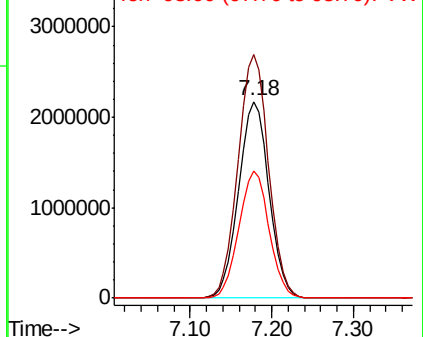
96 100

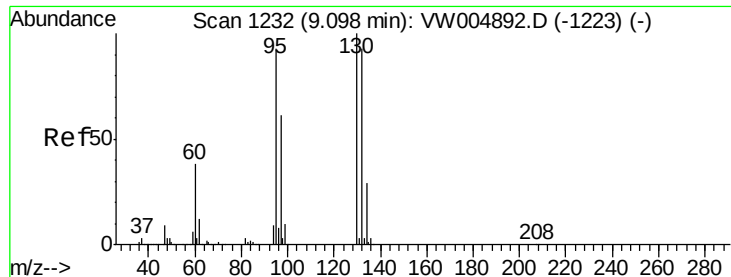
61 124.0 89.7 166.7

98 65.0 45.0 83.6



Abundance Ion 96.00 (95.70 to 96.70): VW
Ion 61.00 (60.70 to 61.70): VW
Ion 98.00 (97.70 to 98.70): VW





#35

Trichloroethene

Concen: 264.662 ug/L

RT: 9.10 min Scan# 1232

Delta R.T. -0.00 min

Lab File: VW004903.D

Acq: 23 Aug 2018 17:52

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 95 Resp: 3287427

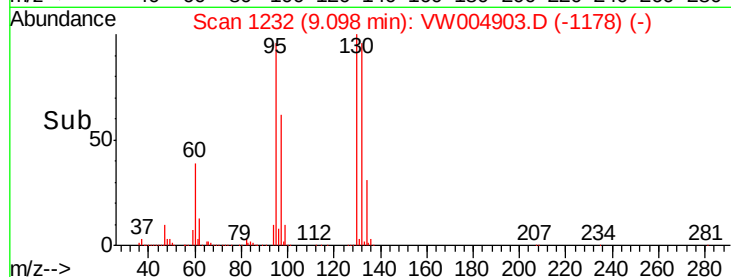
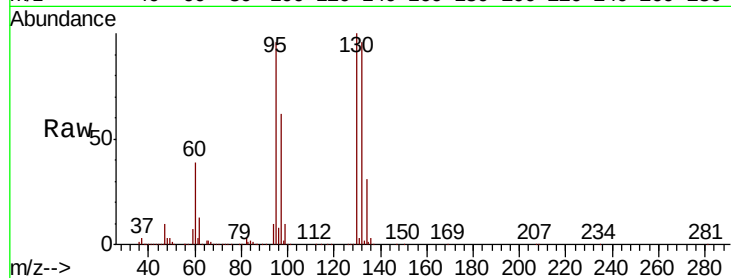
Ion Ratio Lower Upper

95 100

97 65.0 45.9 85.3

132 99.5 69.2 128.4

130 103.3 72.7 135.1



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

