

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV082318\
 Data File : VV007152.D
 Acq On : 23 Aug 2018 20:33
 Operator : SY/MD
 Sample : J4599-19
 Misc : 5.0 mL/MSVOA V/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ETBM1

Quant Time: Aug 24 02:39:45 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM082218WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 24 02:07:07 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	558642	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	514818	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	191771	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	172298	49.08	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	98.16%
7) Chloroethane-d5	1.57	69	127127	56.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	112.60%
11) 1,1-Dichloroethene-d2	2.13	63	240448	36.99	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.98%
21) 2-Butanone-d5	3.96	46	319186	106.82	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.82%
24) Chloroform-d	4.41	84	353344	47.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.08%
26) 1,2-Dichloroethane-d4	5.09	65	226650	49.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.54%
32) Benzene-d6	5.10	84	707737	49.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.92%
36) 1,2-Dichloropropane-d6	6.12	67	245347	51.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.68%
41) Toluene-d8	7.37	98	550246	43.71	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.42%
43) trans-1,3-Dichloropropene-	7.67	79	90139	44.48	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.96%
47) 2-Hexanone-d5	8.14	63	125307	74.45	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	74.45%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	307462	44.65	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.30%
64) 1,2-Dichlorobenzene-d4	11.68	152	196360	50.92	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.84%

Target Compounds

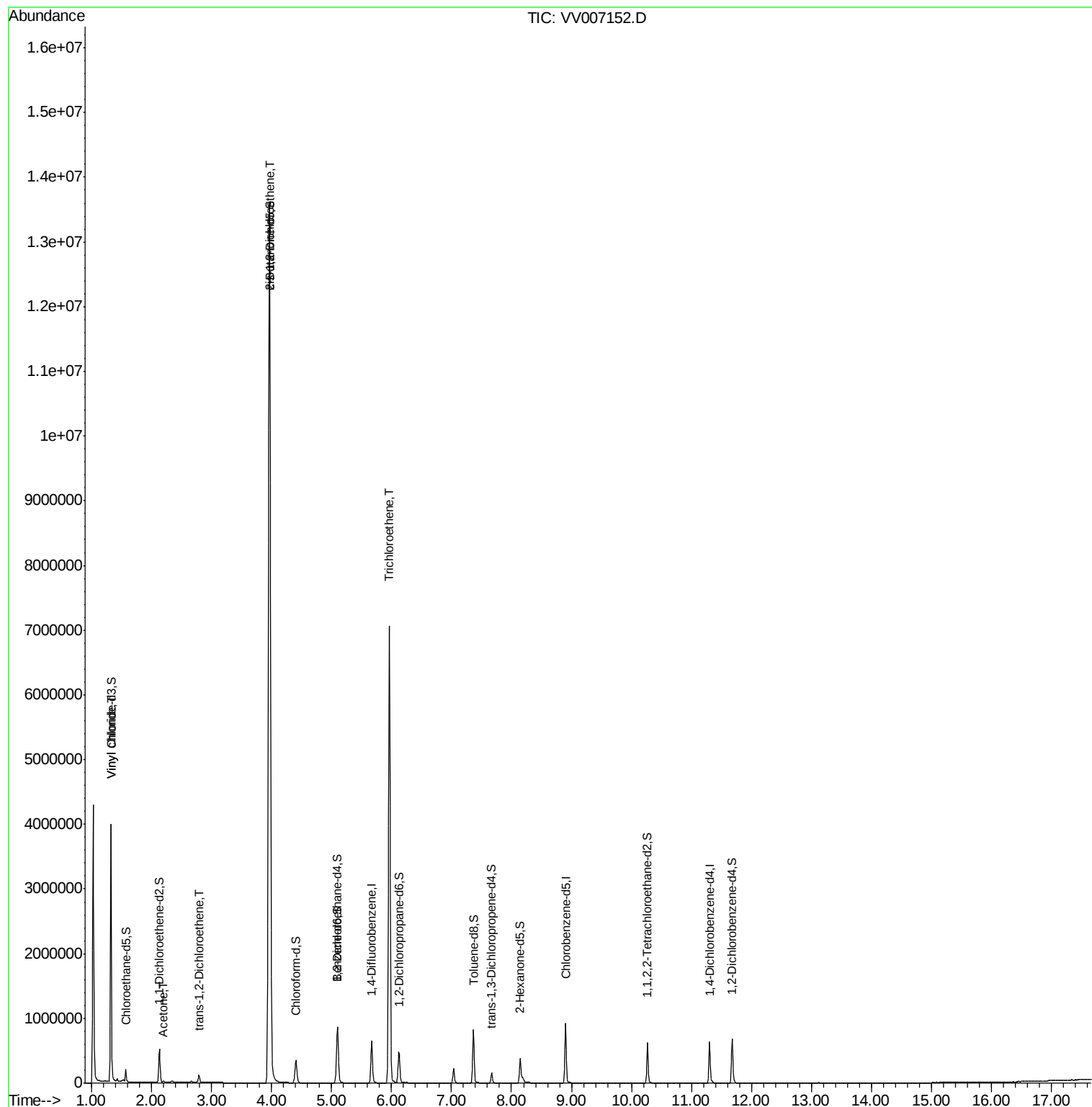
						Ovalue
5) Vinyl chloride	1.32	62	2543624	479.44	ug/L	99
13) Acetone	2.20	43	10711	4.57	ug/L	90
17) trans-1,2-Dichloroethene	2.79	96	43198	10.71	ug/L	100
20) cis-1,2-Dichloroethene	3.97	96	7655418	1633.40	ug/L	97
34) Trichloroethene	5.96	95	2448832	585.88	ug/L	99

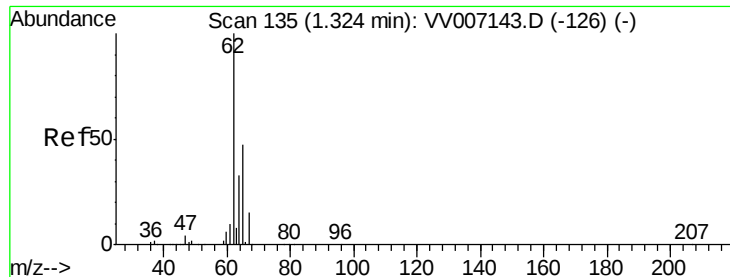
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 479.44 ug/L

RT: 1.32 min Scan# 135

Delta R.T. 0.00 min

Lab File: VV007152.D

Acq: 23 Aug 2018 20:33

Instrument :

MSVOA_V

ClientSampleId :

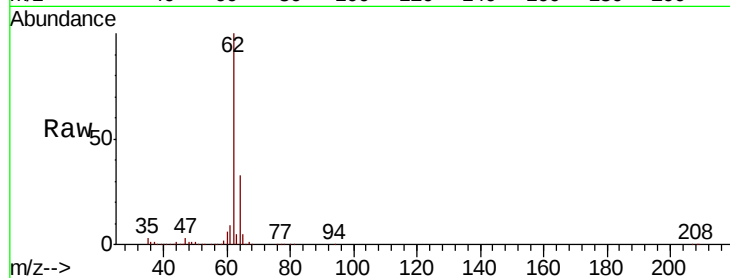
ETBM1

Tot Ion: 62 Resp: 2543624

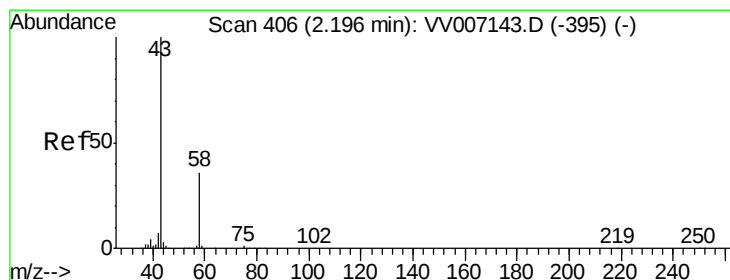
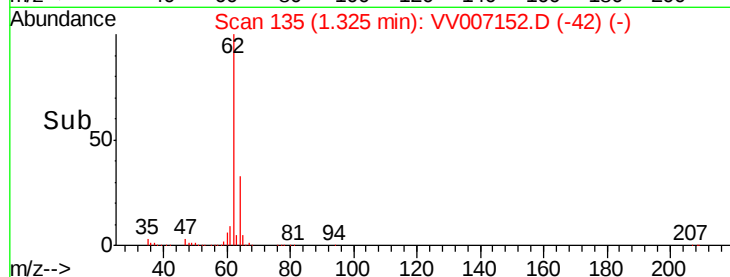
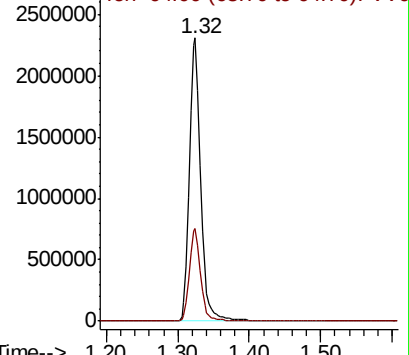
Ion Ratio Lower Upper

62 100

64 32.7 23.4 43.4



Abundance Ion 62.00 (61.70 to 62.70): VV007143.D (-126) (-)



#13

Acetone

Concen: 4.57 ug/L

RT: 2.20 min Scan# 408

Delta R.T. 0.01 min

Lab File: VV007152.D

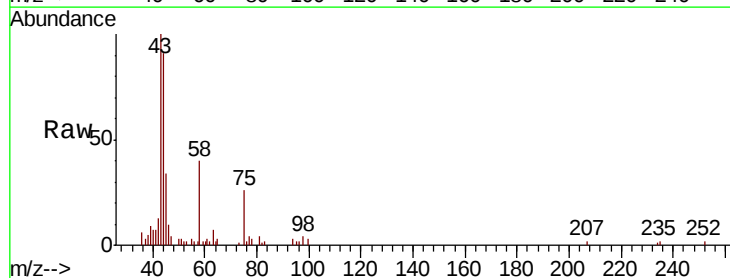
Acq: 23 Aug 2018 20:33

Tgt Ion: 43 Resp: 10711

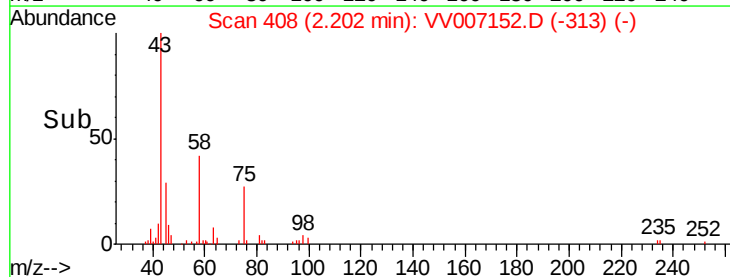
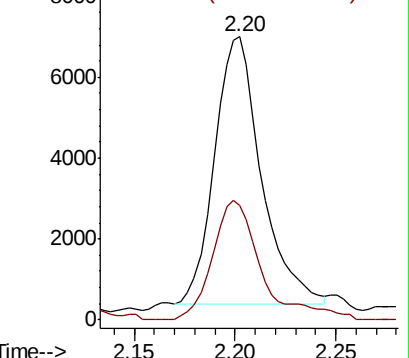
Ion Ratio Lower Upper

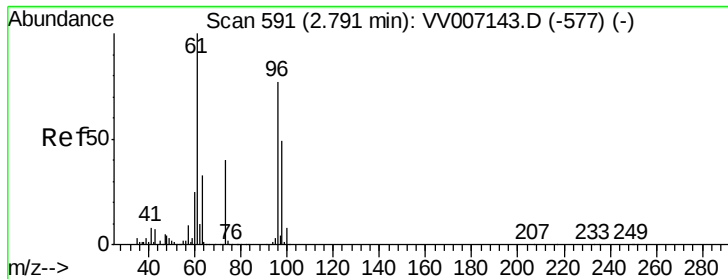
43 100

58 42.7 0.0 73.0



Abundance Ion 43.00 (42.70 to 43.70): VV007143.D (-395) (-)





#17

trans-1,2-Dichloroethene

Concen: 10.71 ug/L

RT: 2.79 min Scan# 591

Delta R.T. 0.00 min

Lab File: VV007152.D

Acq: 23 Aug 2018 20:33

Instrument :

MSVOA_V

ClientSampleId :

ETBM1

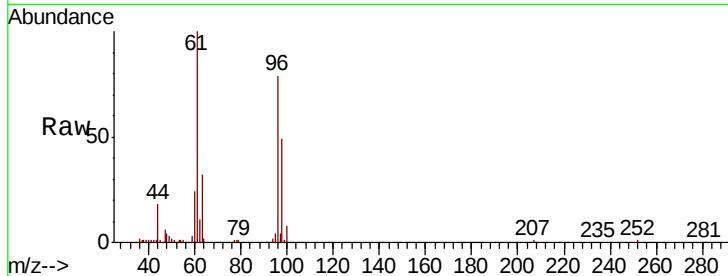
Tot Ion: 96 Resp: 43198

Ion Ratio Lower Upper

96 100

61 126.7 89.1 165.5

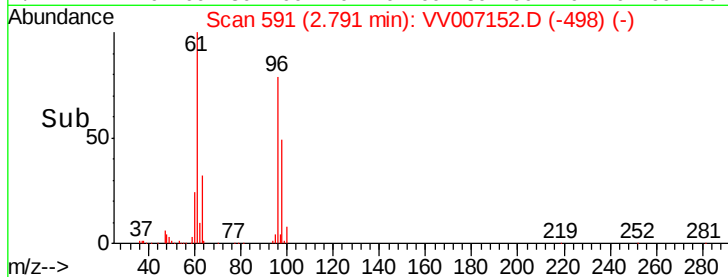
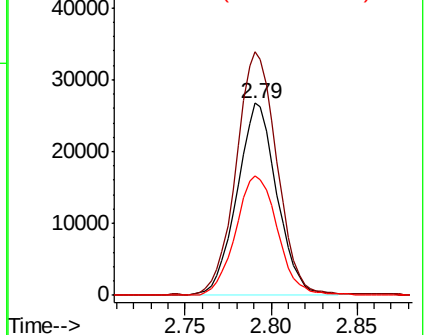
98 62.1 43.6 81.0



Abundance Ion 96.00 (95.70 to 96.70): VV007143.D (-577) (-)

Ion 61.00 (60.70 to 61.70): VV007143.D (-577) (-)

Ion 98.00 (97.70 to 98.70): VV007143.D (-577) (-)



#20

cis-1,2-Dichloroethene

Concen: 1633.40 ug/L

RT: 3.97 min Scan# 957

Delta R.T. 0.00 min

Lab File: VV007152.D

Acq: 23 Aug 2018 20:33

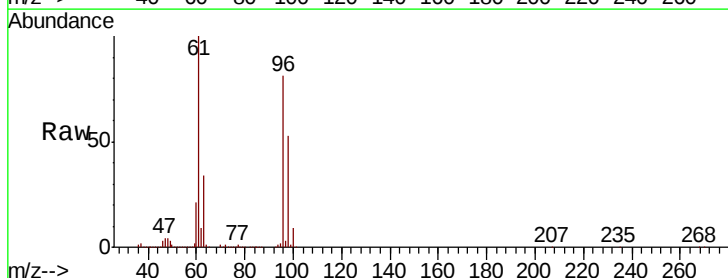
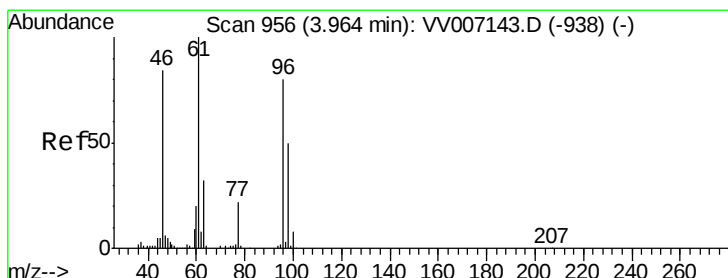
Tgt Ion: 96 Resp: 7655418

Ion Ratio Lower Upper

96 100

61 123.9 89.0 165.4

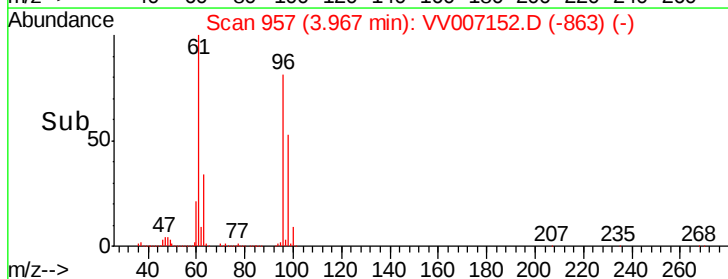
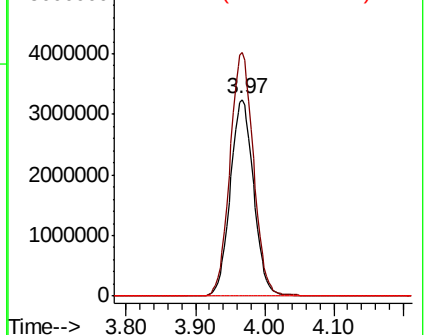
68 0.0 0.0 0.0

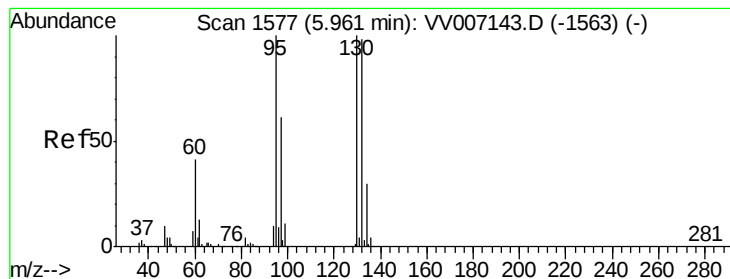


Abundance Ion 96.00 (95.70 to 96.70): VV007143.D (-938) (-)

Ion 61.00 (60.70 to 61.70): VV007143.D (-938) (-)

Ion 68.00 (67.70 to 68.70): VV007143.D (-938) (-)





#34

Trichloroethene

Concen: 585.88 ug/L

RT: 5.96 min Scan# 1578

Delta R.T. 0.00 min

Lab File: VV007152.D

Acq: 23 Aug 2018 20:33

Instrument :

MSVOA_V

ClientSampleId :

ETBM1

Tot Ion: 95 Resp: 2448832

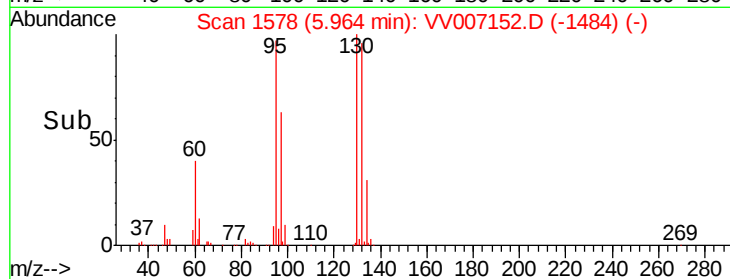
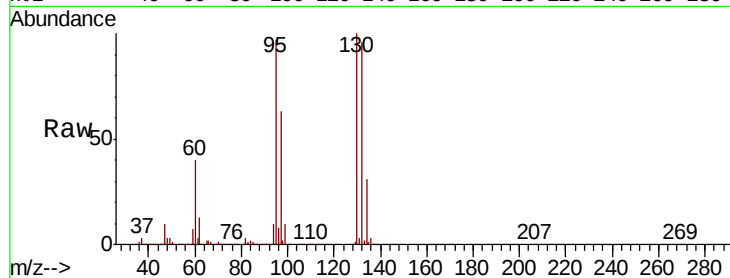
Ion Ratio Lower Upper

95 100

97 64.5 45.1 83.9

132 99.1 69.7 129.4

130 102.9 73.6 136.6



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

