

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV080718\
 Data File : VV006923.D
 Acq On : 08 Aug 2018 03:04
 Operator : SY/MD
 Sample : J4357-15
 Misc : 25 mL/MSVOA V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ESWT3

Quant Time: Aug 08 07:51:42 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR080718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Aug 08 07:06:57 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	205767	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	192108	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	73228	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	72581	5.88	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	117.60%
7) Chloroethane-d5	1.58	69	60050	4.97	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.40%
11) 1,1-Dichloroethene-d2	2.13	63	92777	3.66	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.20%
20) 2-Butanone-d5	3.97	46	230772	58.62	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	117.24%
24) Chloroform-d	4.41	84	129227	4.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.80%
26) 1,2-Dichloroethane-d4	5.09	65	72910	5.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.60%
32) Benzene-d6	5.10	84	252561	5.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.40%
36) 1,2-Dichloropropane-d6	6.12	67	87526	5.12	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.40%
41) Toluene-d8	7.37	98	186107	4.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.40%
43) trans-1,3-Dichloropropene-	7.67	79	23243	4.21	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.20%
46) 2-Hexanone-d5	8.15	63	106864	46.58	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.16%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	68175	5.31	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.20%
64) 1,2-Dichlorobenzene-d4	11.68	152	65381	5.52	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.40%

Target Compounds

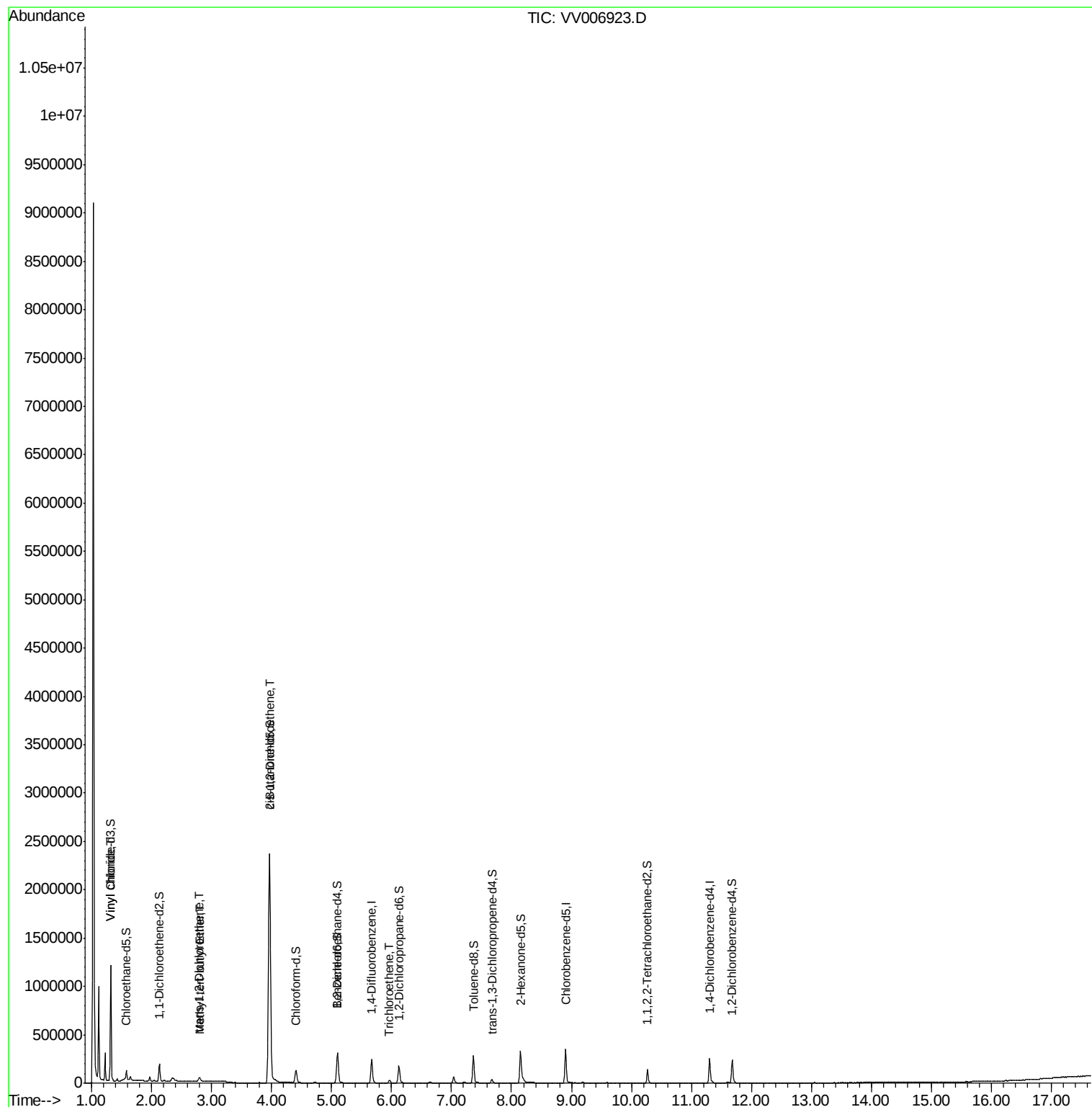
					Ovalue
5) Vinyl chloride	1.32	62	670146	34.65	ug/L 100
17) Methyl tert-butyl Ether	2.82	73	20520	0.58	ug/L 93
18) trans-1,2-Dichloroethene	2.79	96	13512	0.91	ug/L 95
22) cis-1,2-Dichloroethene	3.97	96	1215301	82.18	ug/L 100
34) Trichloroethene	5.96	95	8359	0.61	ug/L 95

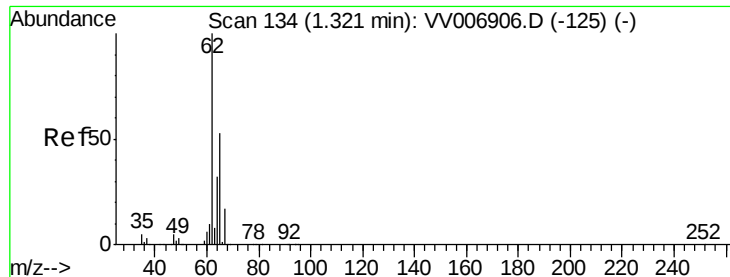
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 34.65 ug/L

RT: 1.32 min Scan# 134

Delta R.T. -0.00 min

Lab File: VV006923.D

Acq: 08 Aug 2018 03:04

Instrument :

MSVOA_V

ClientSampleId :

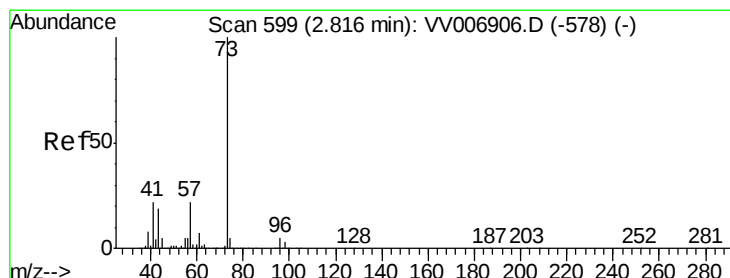
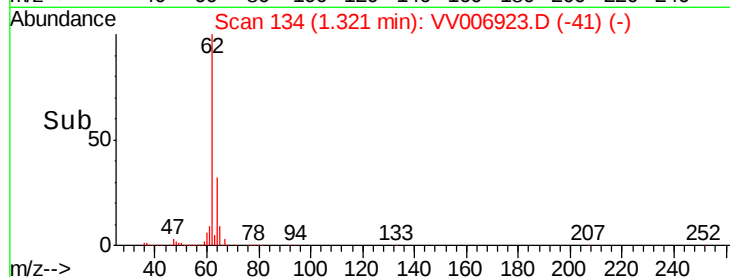
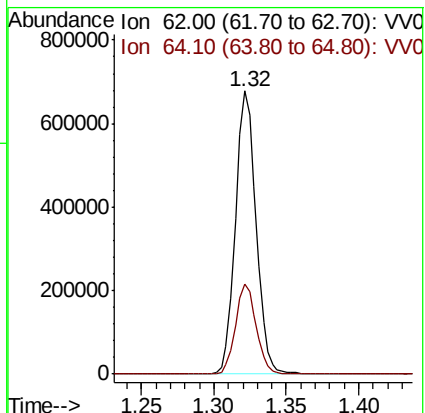
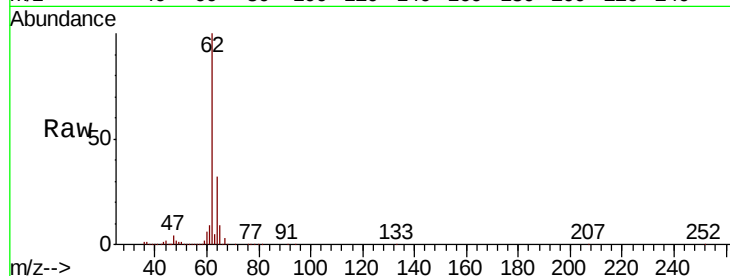
ESWT3

Tot Ion: 62 Resp: 670146

Ion Ratio Lower Upper

62 100

64 31.7 22.1 41.1



#17

Methyl tert-butyl Ether

Concen: 0.58 ug/L

RT: 2.82 min Scan# 599

Delta R.T. -0.00 min

Lab File: VV006923.D

Acq: 08 Aug 2018 03:04

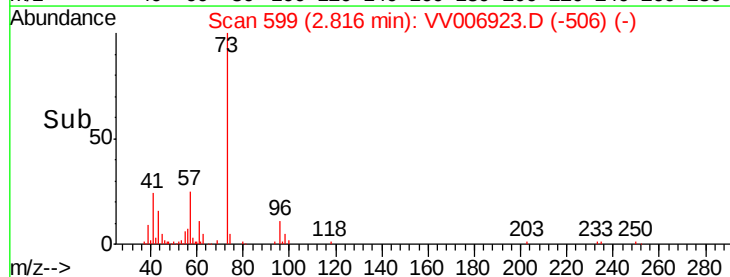
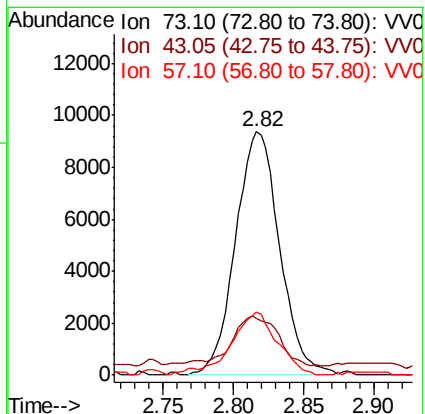
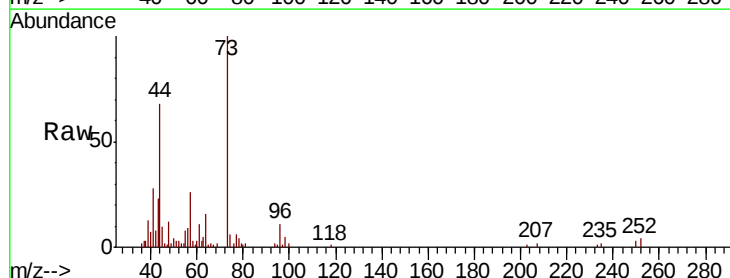
Tgt Ion: 73 Resp: 20520

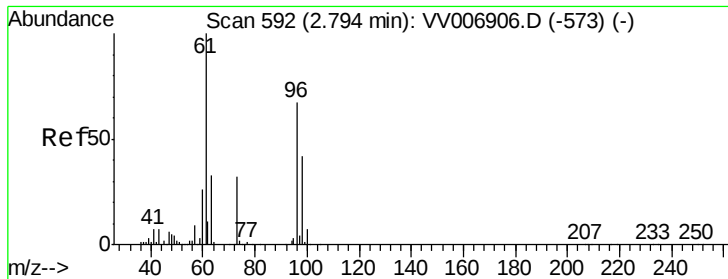
Ion Ratio Lower Upper

73 100

43 21.6 15.3 22.9

57 27.1 18.8 28.2





#18

trans-1,2-Dichloroethene

Concen: 0.91 ug/L

RT: 2.79 min Scan# 591

Delta R.T. -0.00 min

Lab File: VV006923.D

Acq: 08 Aug 2018 03:04

Instrument :

MSVOA_V

ClientSampleId :

ESWT3

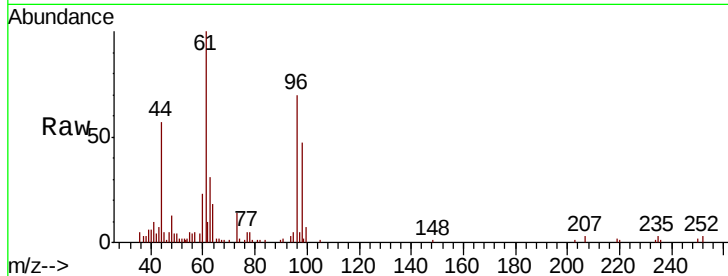
Tot Ion: 96 Resp: 13512

Ion Ratio Lower Upper

96 100

61 142.8 97.3 180.7

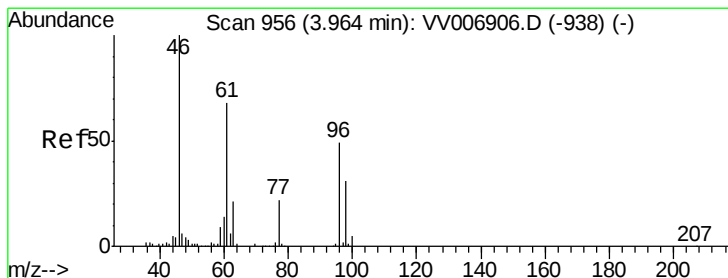
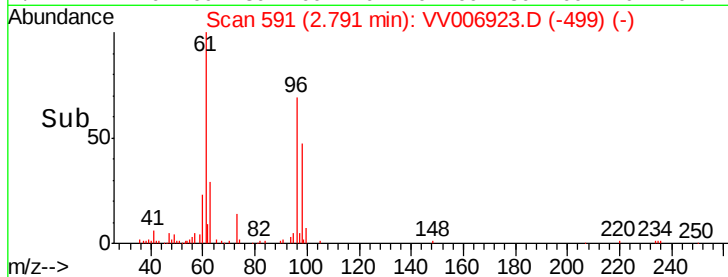
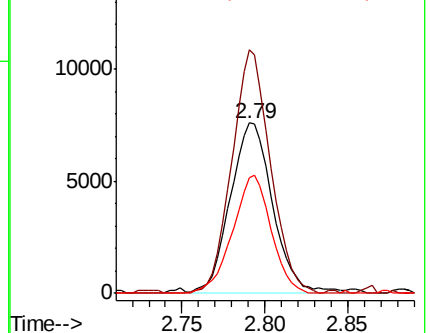
98 67.5 42.8 79.6



Abundance Ion 96.00 (95.70 to 96.70): VV006923.D (-499) (-)

Ion 61.05 (60.75 to 61.75): VV006923.D (-499) (-)

Ion 97.95 (97.65 to 98.65): VV006923.D (-499) (-)



#22

cis-1,2-Dichloroethene

Concen: 82.18 ug/L

RT: 3.97 min Scan# 957

Delta R.T. 0.00 min

Lab File: VV006923.D

Acq: 08 Aug 2018 03:04

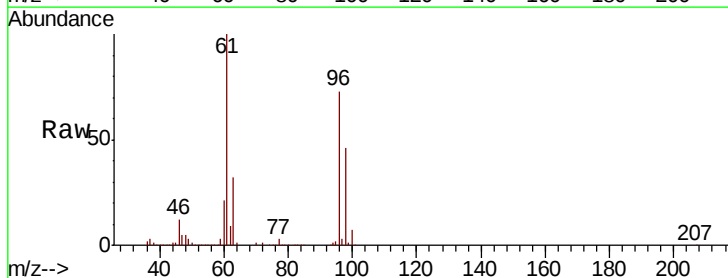
Tgt Ion: 96 Resp: 1215301

Ion Ratio Lower Upper

96 100

61 136.8 95.5 177.4

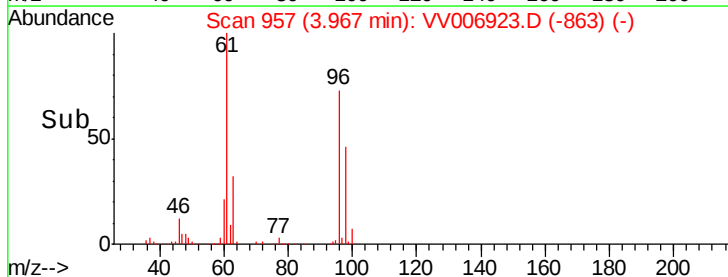
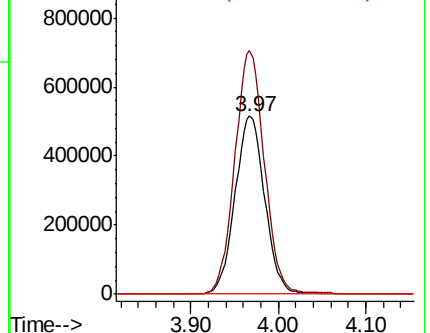
68 0.0 0.0 0.0

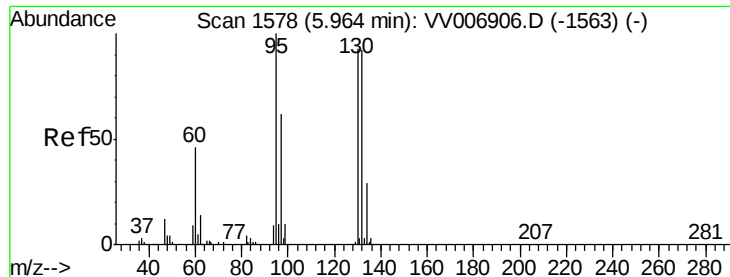


Abundance Ion 96.00 (95.70 to 96.70): VV006923.D (-863) (-)

Ion 61.05 (60.75 to 61.75): VV006923.D (-863) (-)

Ion 68.15 (67.85 to 68.85): VV006923.D (-863) (-)





#34

Trichloroethene

Concen: 0.61 ug/L

RT: 5.96 min Scan# 1578

Delta R.T. -0.00 min

Lab File: VV006923.D

Acq: 08 Aug 2018 03:04

Instrument :

MSVOA_V

ClientSampleId :

ESWT3

Tot Ion: 95 Resp: 8359

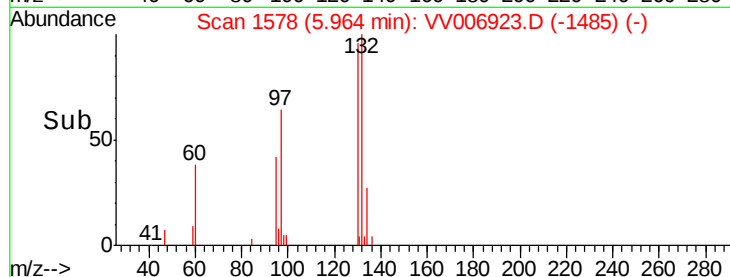
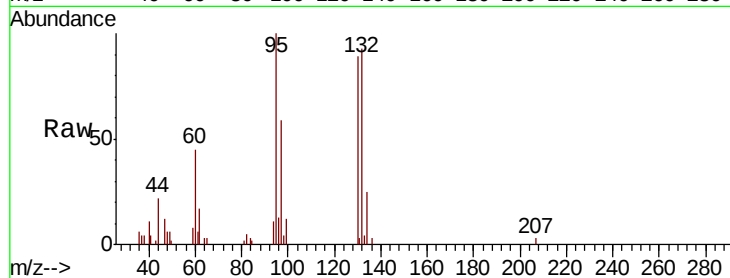
Ion Ratio Lower Upper

95 100

97 59.5 44.4 82.4

132 92.8 65.6 121.8

130 88.8 68.8 127.8



Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V

