

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV071720\
 Data File : VV071723.D
 Acq On : 17 Jul 2020 14:21
 Operator : SY/MD
 Sample : L3314-05
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F4C30

Quant Time: Jul 18 05:47:03 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM070820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jul 18 05:06:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	288540	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	278086	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	134780	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	75901	50.53	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	101.06%
7) Chloroethane-d5	1.58	69	64284	60.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	121.84%
11) 1,1-Dichloroethene-d2	2.13	63	532290	156.50	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	313.00%#
21) 2-Butanone-d5	3.91	46	94429	92.04	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.04%
24) Chloroform-d	4.38	84	154212	44.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.76%
26) 1,2-Dichloroethane-d4	5.06	65	114479	48.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.00%
32) Benzene-d6	5.07	84	273824	45.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.16%
36) 1,2-Dichloropropane-d6	6.09	67	78588	45.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.86%
41) Toluene-d8	7.34	98	257932	44.66	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.32%
43) trans-1,3-Dichloropropene-	7.64	79	45906	45.59	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.18%
47) 2-Hexanone-d5	8.11	63	72037	101.47	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.47%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	113649	46.79	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.58%
64) 1,2-Dichlorobenzene-d4	11.65	152	110796	49.17	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.34%

Target Compounds

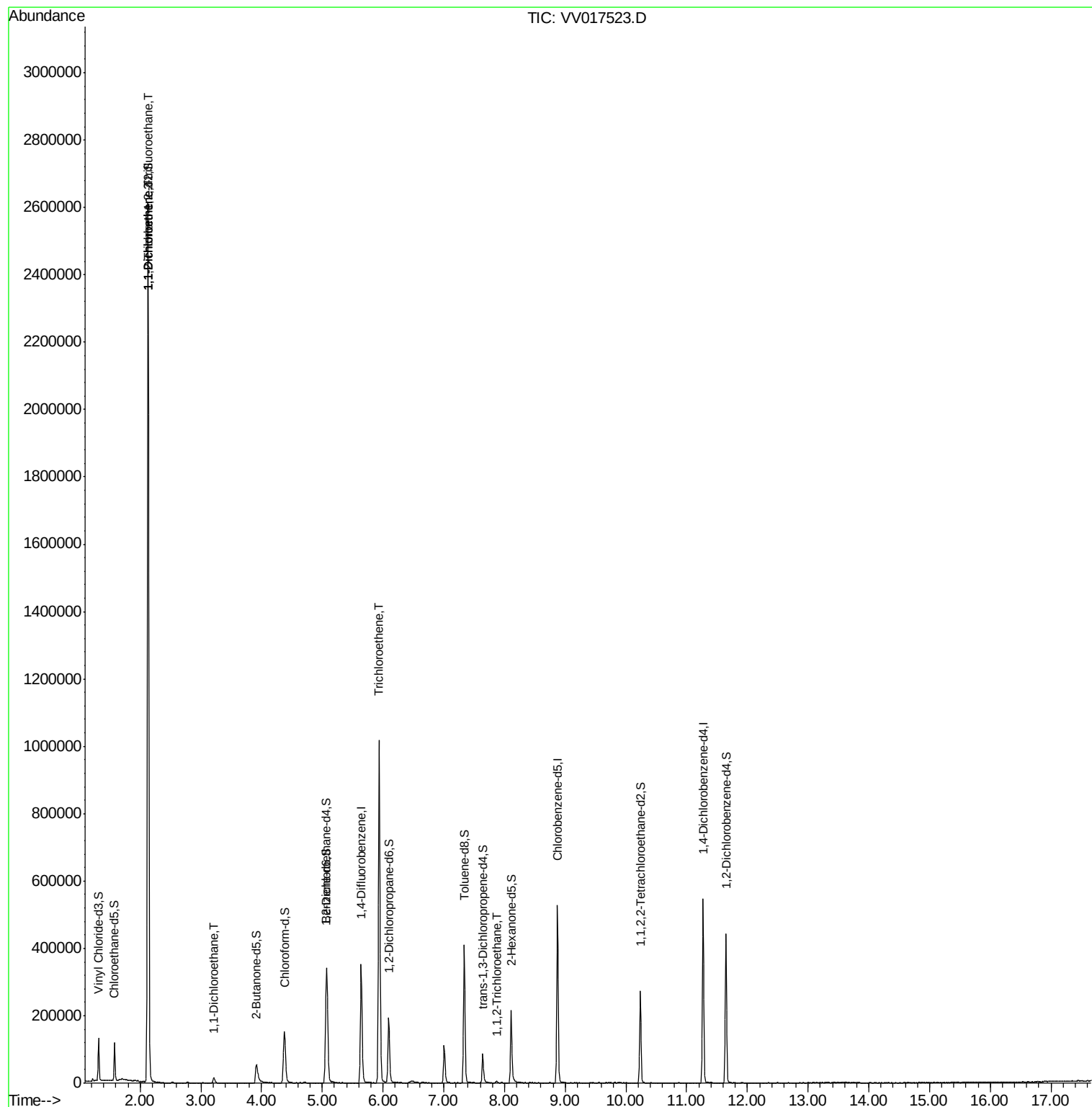
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	14674	7.658	ug/L # 84
12) 1,1-Dichloroethene	2.13	96	705992	407.364	ug/L # 67
19) 1,1-Dichloroethane	3.22	63	15015	4.333	ug/L 96
34) Trichloroethene	5.94	95	328644	150.587	ug/L 98
45) 1,1,2-Trichloroethane	7.87	97	1879	0.963	ug/L # 75

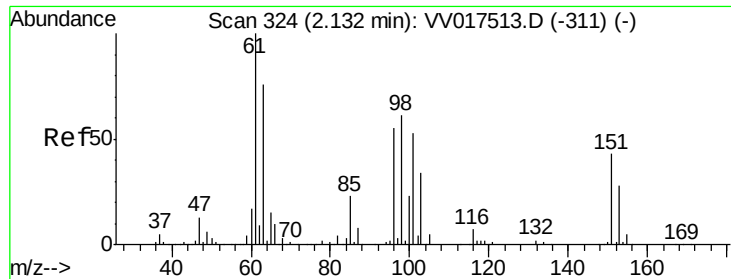
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 7.658 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.00 min

Lab File: VV017523.D

Acq: 17 Jul 2020 14:21

Instrument :

MSVOA_V

ClientSampleId :

F4C30

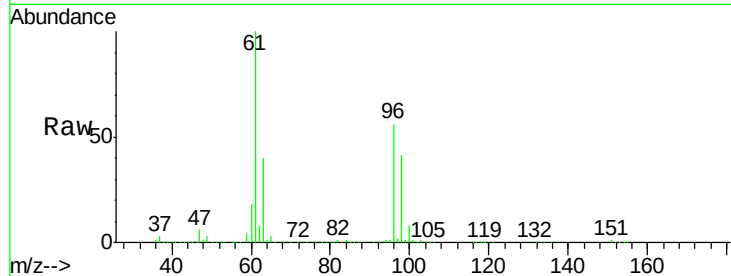
Tot Ion:101 Resp: 14674

Ion Ratio Lower Upper

101 100

85 39.8 36.2 54.4

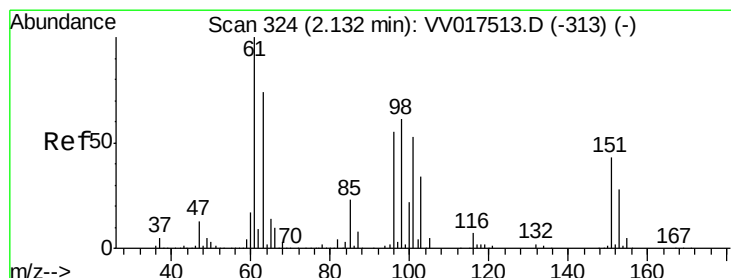
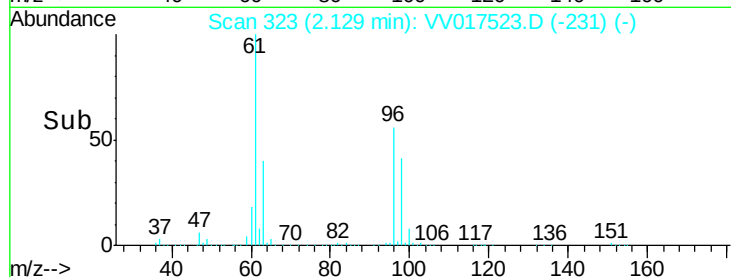
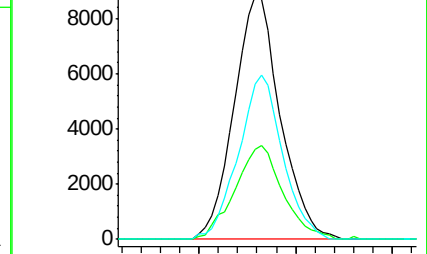
151 64.6 66.8 100.2#



Abundance Ion 101.00 (100.70 to 101.70): VV017523.D (-231) (-)

Ion 85.00 (84.70 to 85.70): VV017523.D (-231) (-)

Ion 151.00 (150.70 to 151.70): VV017523.D (-231) (-)



#12

1,1-Dichloroethene

Concen: 407.364 ug/L

RT: 2.13 min Scan# 324

Delta R.T. 0.00 min

Lab File: VV017523.D

Acq: 17 Jul 2020 14:21

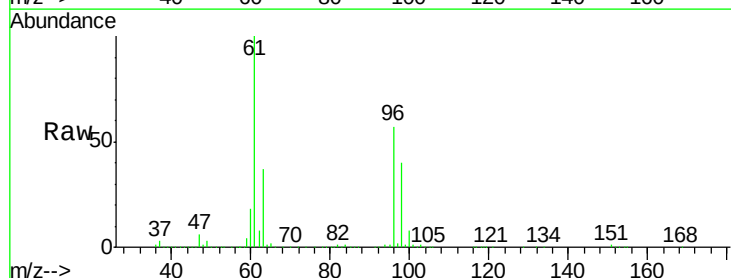
Tgt Ion: 96 Resp: 705992

Ion Ratio Lower Upper

96 100

61 176.6 132.7 246.4

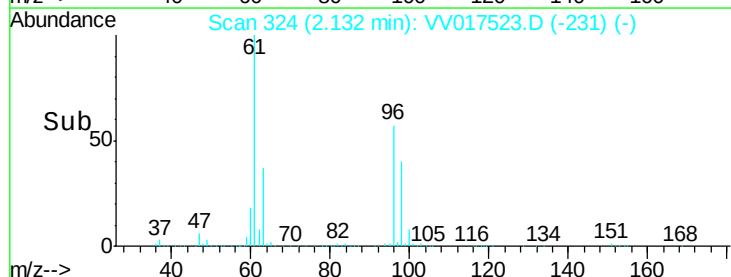
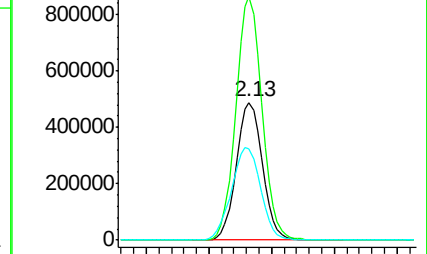
63 66.1 103.3 191.8#

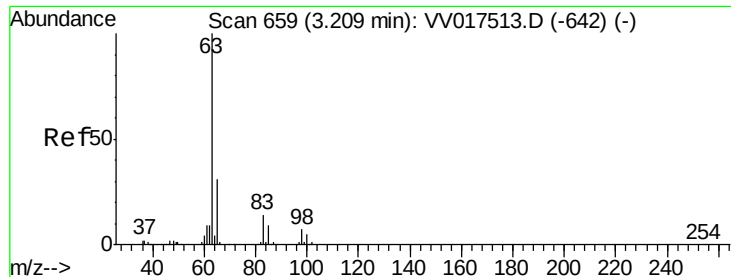


Abundance Ion 96.00 (95.70 to 96.70): VV017523.D (-231) (-)

Ion 61.00 (60.70 to 61.70): VV017523.D (-231) (-)

Ion 63.00 (62.70 to 63.70): VV017523.D (-231) (-)

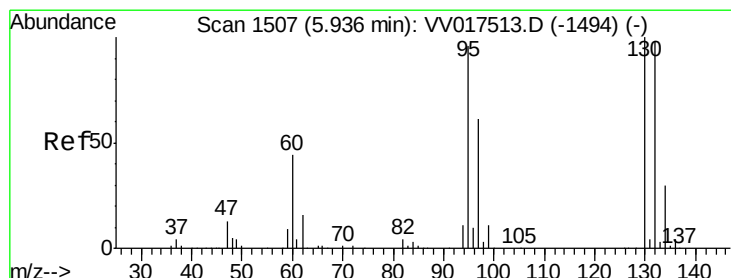
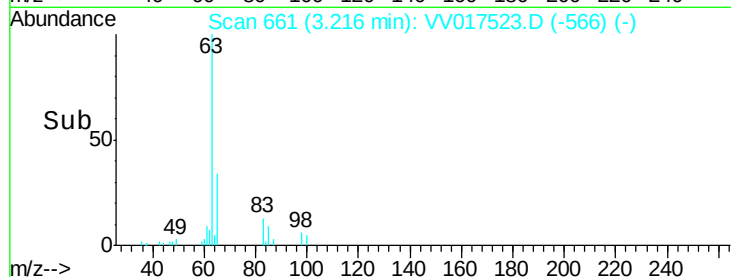
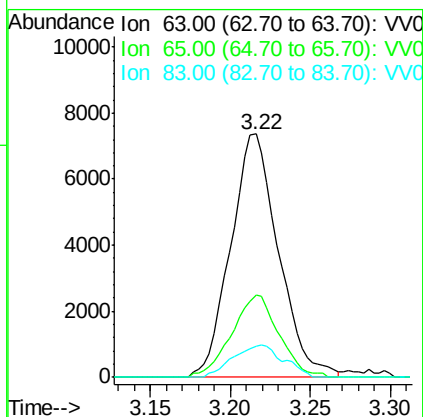
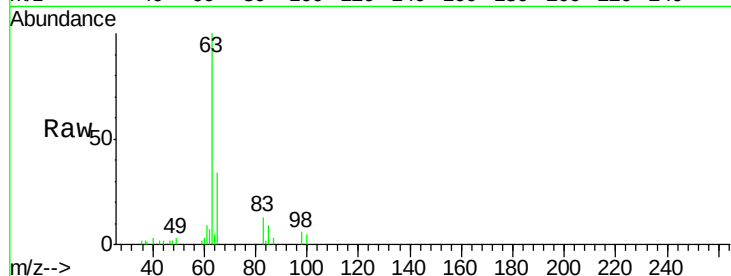




#19
1,1-Dichloroethane
Concen: 4.333 ug/L
RT: 3.22 min Scan# 661
Delta R.T. 0.01 min
Lab File: VV017523.D
Acq: 17 Jul 2020 14:21

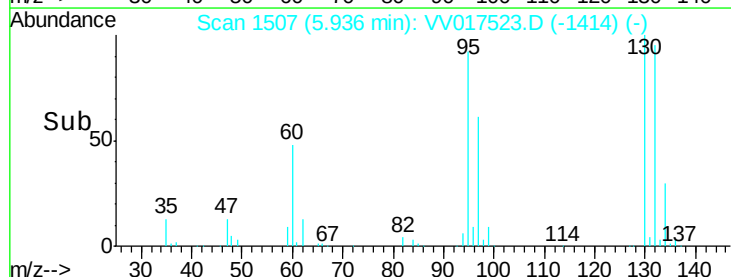
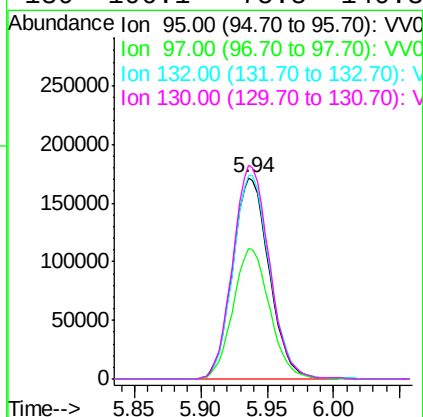
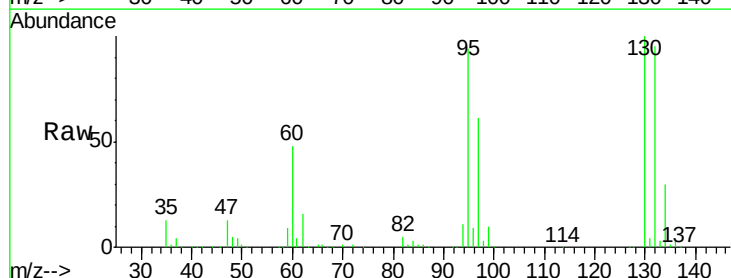
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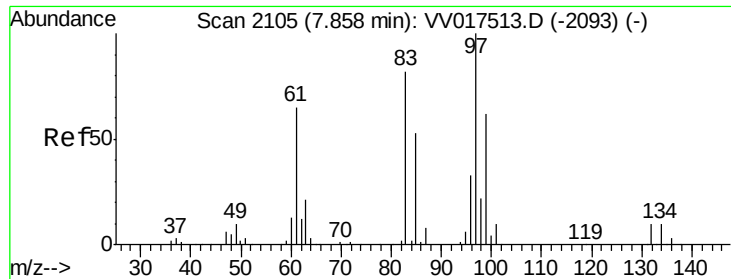
Tot Ion	Ratio	Lower	Upper
63	100		
65	33.7	22.1	41.1
83	12.9	10.1	18.9



#34
Trichloroethene
Concen: 150.587 ug/L
RT: 5.94 min Scan# 1507
Delta R.T. 0.00 min
Lab File: VV017523.D
Acq: 17 Jul 2020 14:21

Tgt Ion	Ratio	Lower	Upper
95	100		
97	64.7	45.6	84.6
132	101.2	74.1	137.5
130	106.1	75.5	140.3





#45

1,1,2-Trichloroethane

Concen: 0.963 ug/L

RT: 7.87 min Scan# 2107

Delta R.T. 0.01 min

Lab File: VV017523.D

Acq: 17 Jul 2020 14:21

Instrument :

MSVOA_V

ClientSampleId :

F4C30

Tot Ion: 97 Resp: 1879

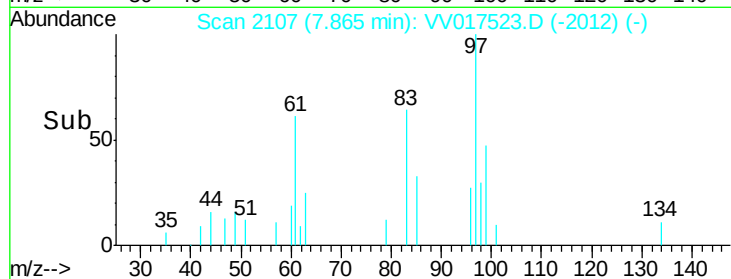
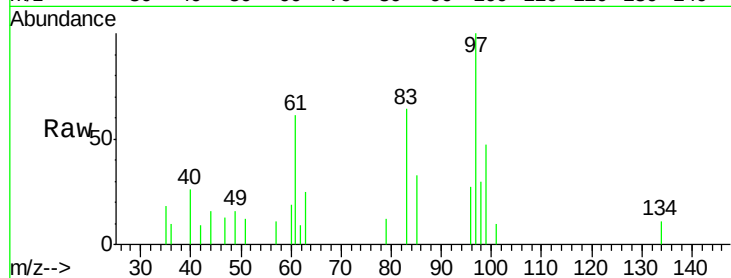
Ion Ratio Lower Upper

97 100

99 47.3 44.6 82.8

83 64.1 60.1 111.7

85 33.5 39.0 72.4#



Abundance Ion 97.00 (96.70 to 97.70): VV0

Ion 99.00 (98.70 to 99.70): VV0

Ion 83.00 (82.70 to 83.70): VV0

Ion 85.00 (84.70 to 85.70): VV0

