

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV031220\
 Data File : VV014874.D
 Acq On : 12 Mar 2020 17:50
 Operator : SY/MD
 Sample : L1884-12
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 CON84

Quant Time: Mar 13 04:36:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM030620WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 13 04:10:22 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	383808	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	368244	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	178533	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	107081	41.23	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.46%
7) Chloroethane-d5	1.58	69	85867	41.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	83.64%
11) 1,1-Dichloroethene-d2	2.12	63	170403	39.48	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.96%
21) 2-Butanone-d5	3.93	46	141236	72.91	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	72.91%
24) Chloroform-d	4.38	84	238210	48.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.86%
26) 1,2-Dichloroethane-d4	5.06	65	156659	46.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.80%
32) Benzene-d6	5.08	84	477720	49.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.26%
36) 1,2-Dichloropropane-d6	6.09	67	148375	46.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.08%
41) Toluene-d8	7.34	98	455965	47.88	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.76%
43) trans-1,3-Dichloropropene-	7.64	79	66212	42.08	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.16%
47) 2-Hexanone-d5	8.12	63	149032	104.15	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.15%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	207813	46.88	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.76%
64) 1,2-Dichlorobenzene-d4	11.65	152	183233	51.78	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.56%

Target Compounds

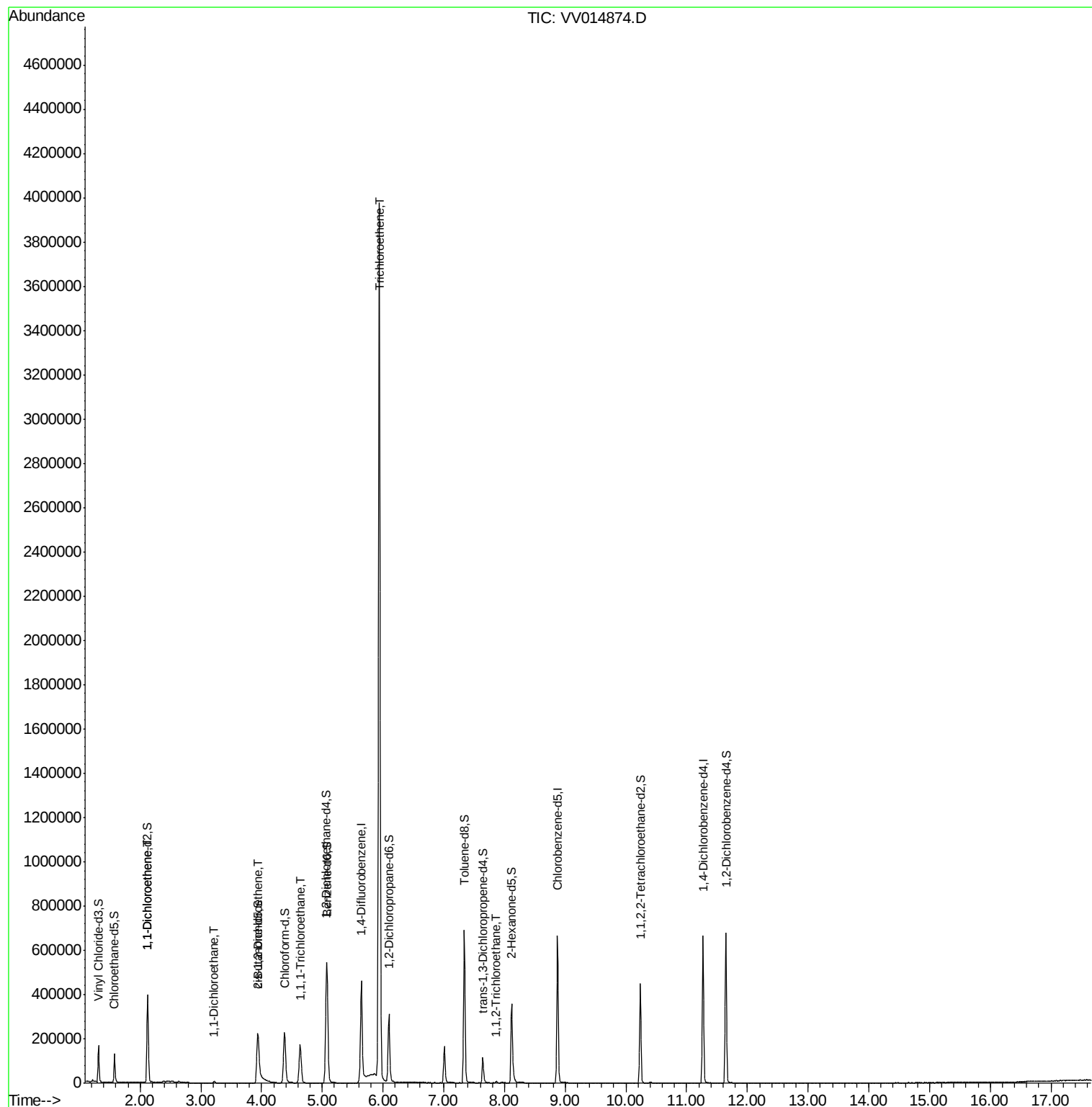
					Ovalue
12) 1,1-Dichloroethene	2.13	96	62931	30.183 ug/L	# 84
19) 1,1-Dichloroethane	3.22	63	6729	1.338 ug/L	92
20) cis-1,2-Dichloroethene	3.94	96	96176	33.386 ug/L	90
30) 1,1,1-Trichloroethane	4.64	97	145493	34.078 ug/L	99
34) Trichloroethene	5.94	95	1362452	488.691 ug/L	94
45) 1,1,2-Trichloroethane	7.87	97	1606	0.605 ug/L	94

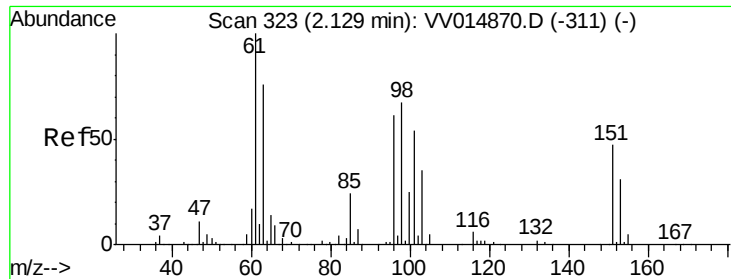
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Mar 13 04:10:22 2020
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 30.183 ug/L

RT: 2.13 min Scan# 323

Delta R.T. 0.00 min

Lab File: VV014874.D

Acq: 12 Mar 2020 17:50

Instrument :

MSVOA_V

ClientSampleId :

CON84

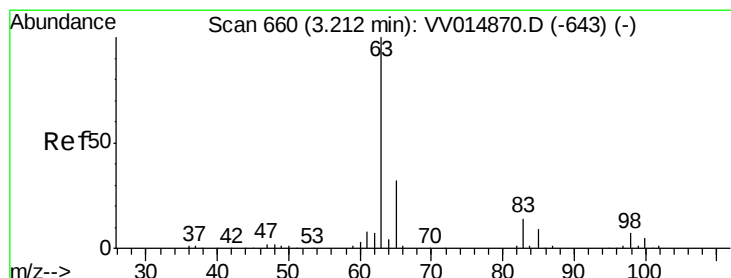
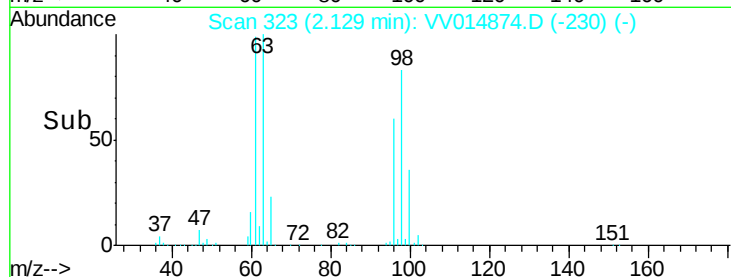
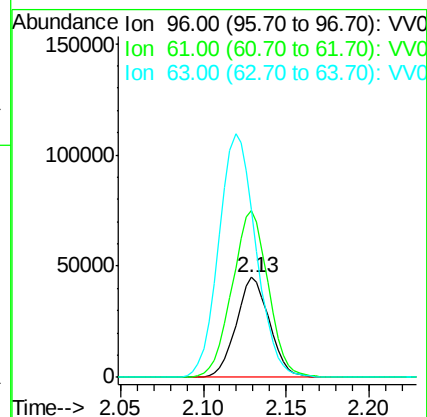
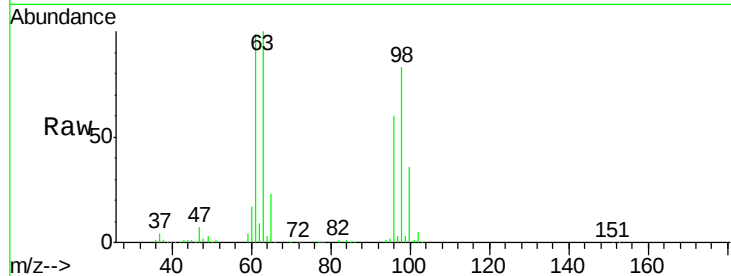
Tot Ion: 96 Resp: 62931

Ion Ratio Lower Upper

96 100

61 167.0 118.4 220.0

63 167.9 88.4 164.2#



#19

1,1-Dichloroethane

Concen: 1.338 ug/L

RT: 3.22 min Scan# 661

Delta R.T. 0.00 min

Lab File: VV014874.D

Acq: 12 Mar 2020 17:50

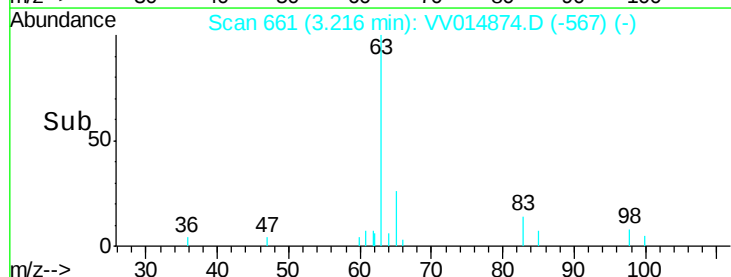
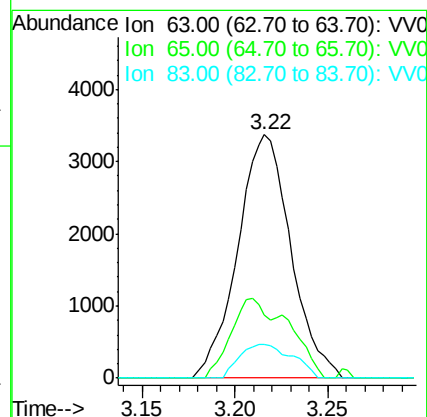
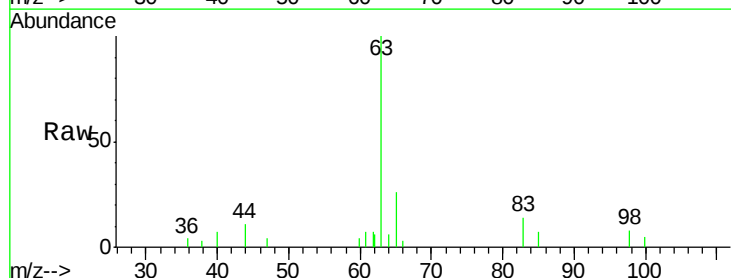
Tgt Ion: 63 Resp: 6729

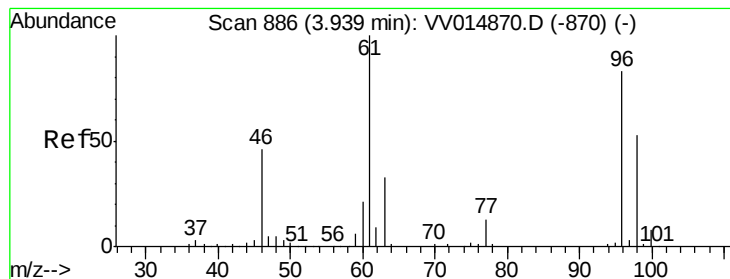
Ion Ratio Lower Upper

63 100

65 26.1 22.5 41.7

83 14.1 9.1 16.9



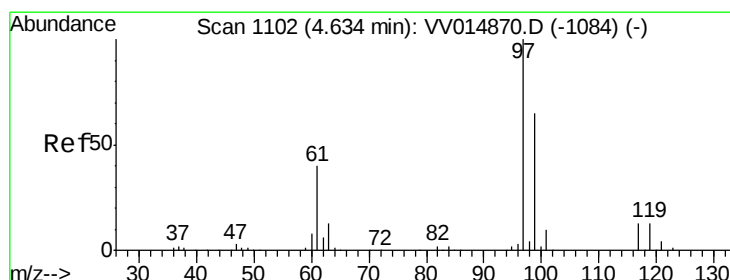
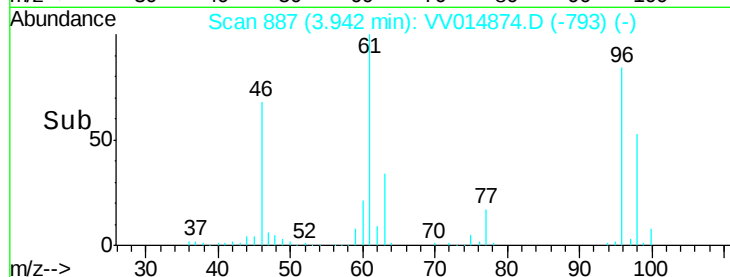
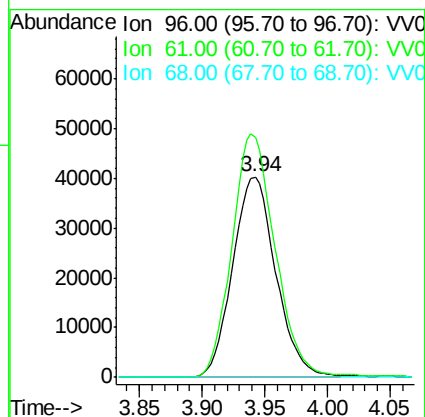
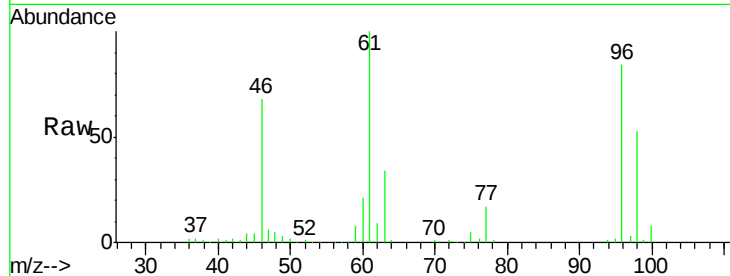


#20

cis-1,2-Dichloroethene
 Concen: 33.386 ug/L
 RT: 3.94 min Scan# 887
 Delta R.T. 0.00 min
 Lab File: VV014874.D
 Acq: 12 Mar 2020 17:50

Instrument :
 MSVOA_V
 ClientSampled :
 CON84

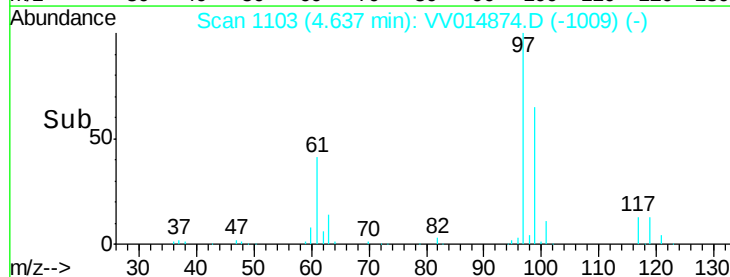
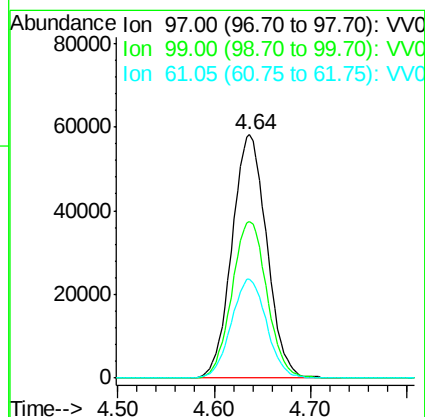
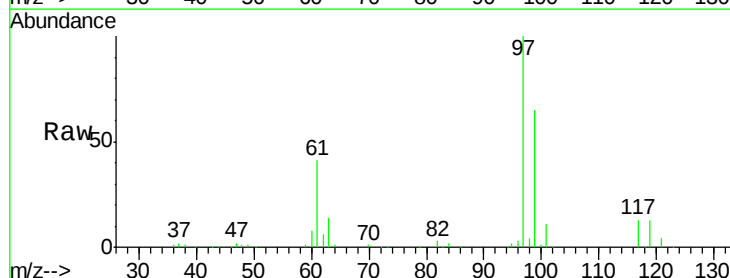
Tot Ion: 96 Resp: 96176
 Ion Ratio Lower Upper
 96 100
 61 119.8 92.2 171.2
 68 0.0 0.0 0.0

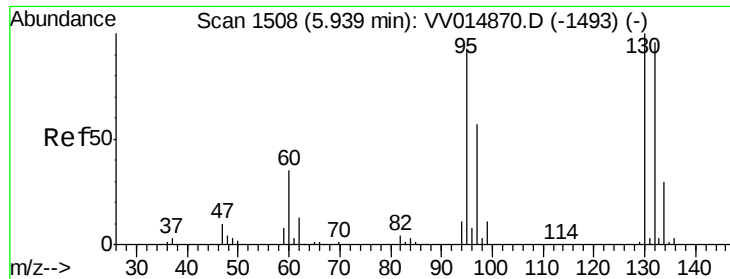


#30

1,1,1-Trichloroethane
 Concen: 34.078 ug/L
 RT: 4.64 min Scan# 1103
 Delta R.T. 0.00 min
 Lab File: VV014874.D
 Acq: 12 Mar 2020 17:50

Tgt Ion: 97 Resp: 145493
 Ion Ratio Lower Upper
 97 100
 99 64.6 51.6 77.4
 61 41.3 34.6 52.0





#34

Trichloroethene

Concen: 488.691 ug/L

RT: 5.94 min Scan# 1508

Delta R.T. 0.00 min

Lab File: VV014874.D

Acq: 12 Mar 2020 17:50

Instrument :

MSVOA_V

ClientSampleId :

CON84

Tot Ion: 95 Resp: 1362452

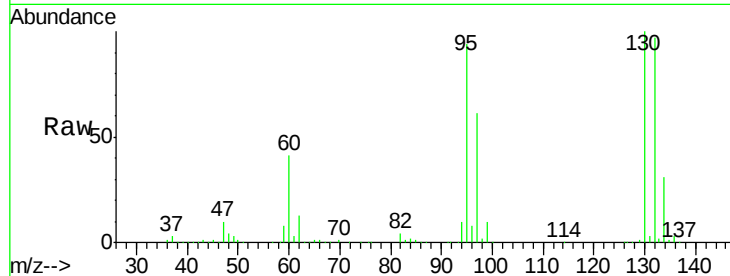
Ion Ratio Lower Upper

95 100

97 64.3 43.8 81.4

132 102.6 65.8 122.2

130 106.1 70.6 131.2

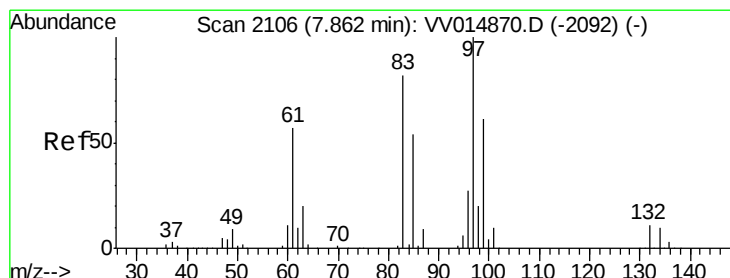
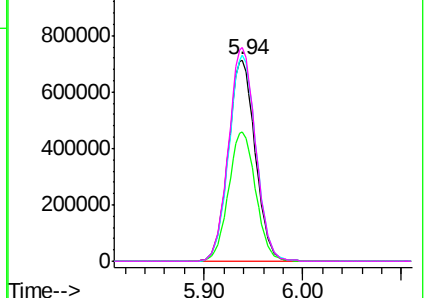
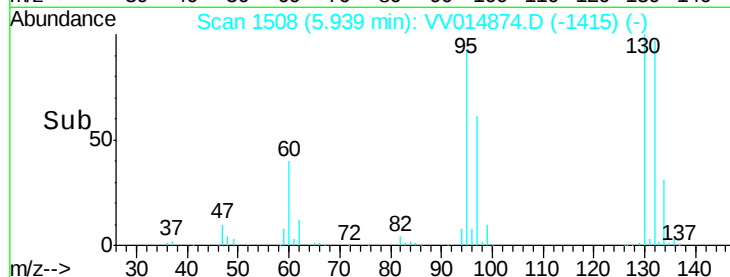


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 97.00 (96.70 to 97.70): VV0

Ion 132.00 (131.70 to 132.70): VV0

Ion 130.00 (129.70 to 130.70): VV0



#45

1,1,2-Trichloroethane

Concen: 0.605 ug/L

RT: 7.87 min Scan# 2107

Delta R.T. 0.00 min

Lab File: VV014874.D

Acq: 12 Mar 2020 17:50

Tgt Ion: 97 Resp: 1606

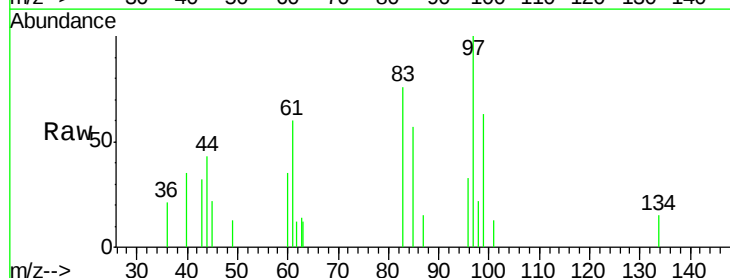
Ion Ratio Lower Upper

97 100

99 62.6 43.1 80.1

83 75.9 62.4 115.8

85 57.4 40.1 74.5



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

