

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV071720\
 Data File : VV071721.D
 Acq On : 17 Jul 2020 13:35
 Operator : SY/MD
 Sample : L3314-03
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F4C26

Quant Time: Jul 18 05:38:53 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	291495	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	284363	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	156922	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	72436	47.73	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	95.46%
7) Chloroethane-d5	1.58	69	62738	58.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	117.70%
11) 1,1-Dichloroethene-d2	2.13	63	611122	177.86	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	355.72%#
21) 2-Butanone-d5	3.91	46	96979	93.56	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.56%
24) Chloroform-d	4.38	84	157709	44.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.86%
26) 1,2-Dichloroethane-d4	5.06	65	114726	47.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.24%
32) Benzene-d6	5.07	84	280760	45.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.42%
36) 1,2-Dichloropropane-d6	6.09	67	96096	54.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	108.66%
41) Toluene-d8	7.34	98	262835	44.51	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.02%
43) trans-1,3-Dichloropropene-	7.64	79	46098	44.77	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.54%
47) 2-Hexanone-d5	8.11	63	73866	101.75	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.75%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	115122	46.35	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.70%
64) 1,2-Dichlorobenzene-d4	11.65	152	113982	43.44	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.88%

Target Compounds

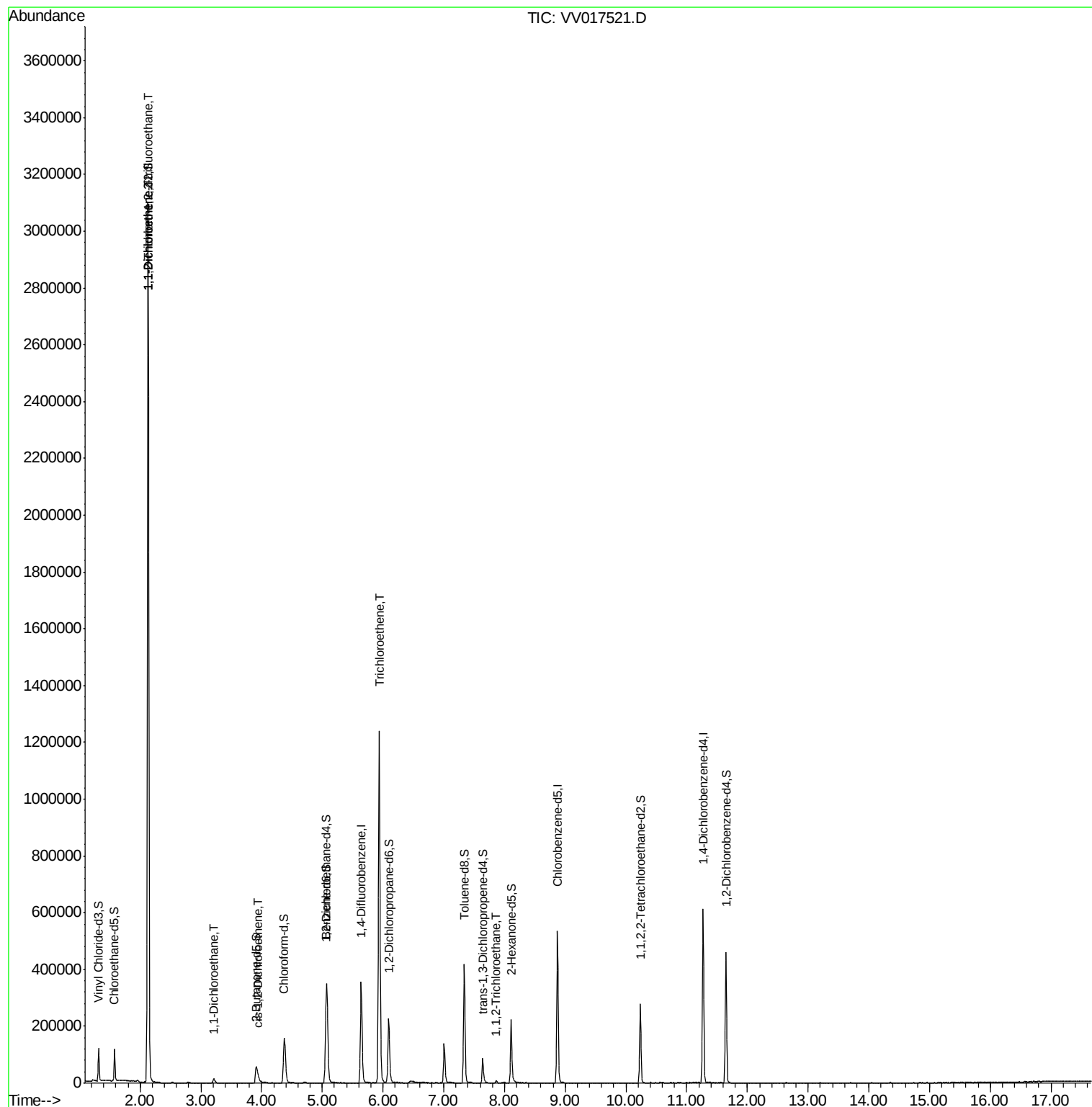
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	19917	10.289	ug/L 85
12) 1,1-Dichloroethene	2.13	96	835445	477.173	ug/L # 66
19) 1,1-Dichloroethane	3.21	63	13937	3.981	ug/L 92
20) cis-1,2-Dichloroethene	3.95	96	4474	2.193	ug/L 89
34) Trichloroethene	5.94	95	419556	187.999	ug/L 97
45) 1,1,2-Trichloroethane	7.87	97	2081	1.043	ug/L 92

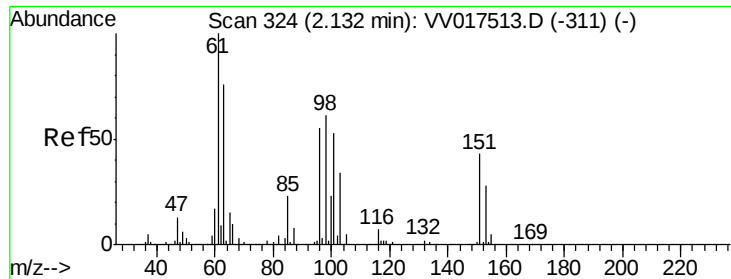
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

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

Concen: 10.289 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.00 min

Lab File: VV017521.D

Acq: 17 Jul 2020 13:35

Instrument :

MSVOA_V

ClientSampleId :

F4C26

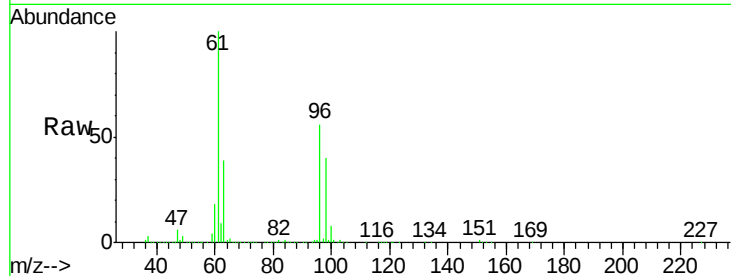
Tot Ion:101 Resp: 19917

Ion Ratio Lower Upper

101 100

85 39.3 36.2 54.4

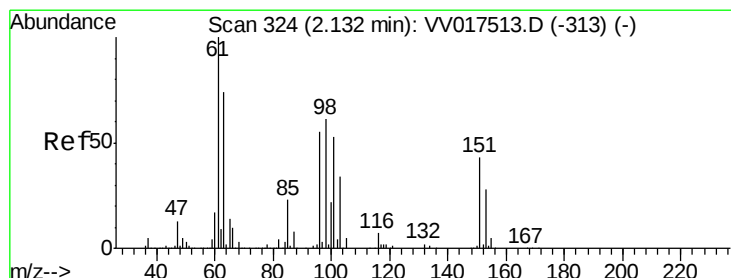
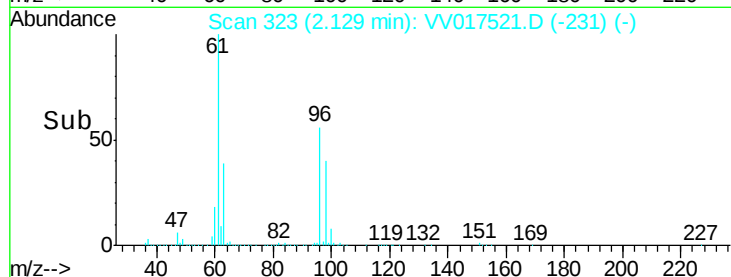
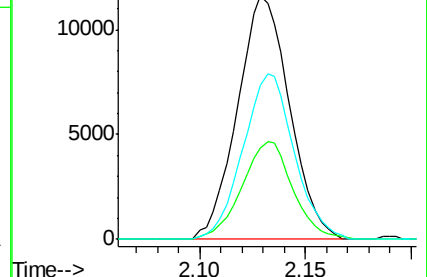
151 67.0 66.8 100.2



Abundance Ion 101.00 (100.70 to 101.70): VV017521.D (-231) (-)

Ion 85.00 (84.70 to 85.70): VV017521.D (-231) (-)

Ion 151.00 (150.70 to 151.70): VV017521.D (-231) (-)



#12

1,1-Dichloroethene

Concen: 477.173 ug/L

RT: 2.13 min Scan# 324

Delta R.T. 0.00 min

Lab File: VV017521.D

Acq: 17 Jul 2020 13:35

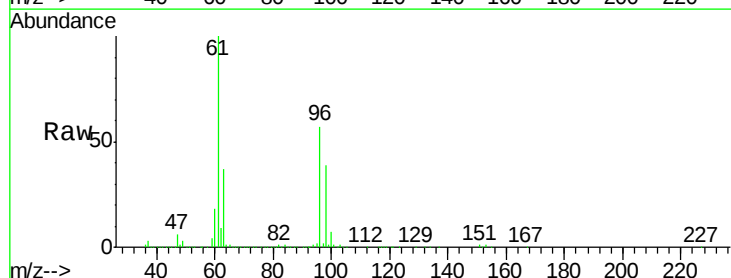
Tgt Ion: 96 Resp: 835445

Ion Ratio Lower Upper

96 100

61 176.7 132.7 246.4

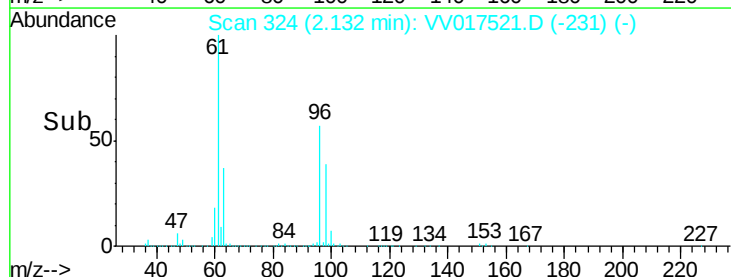
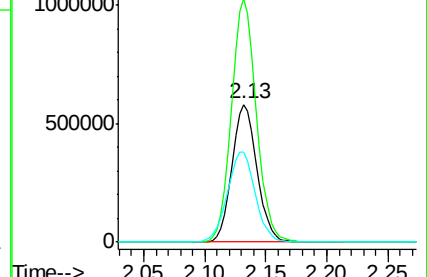
63 65.3 103.3 191.8#

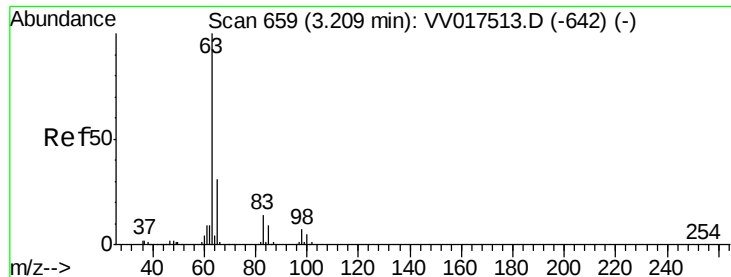


Abundance Ion 96.00 (95.70 to 96.70): VV017521.D (-231) (-)

Ion 61.00 (60.70 to 61.70): VV017521.D (-231) (-)

Ion 63.00 (62.70 to 63.70): VV017521.D (-231) (-)

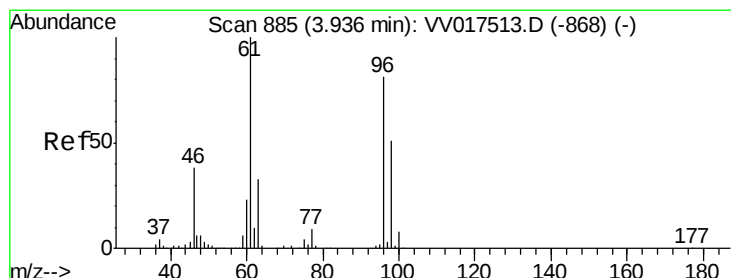
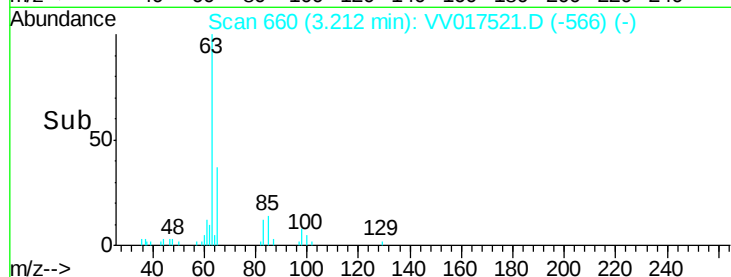
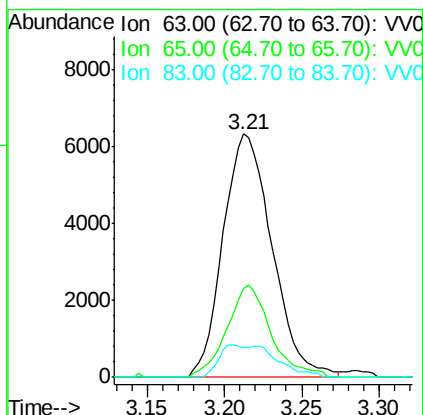
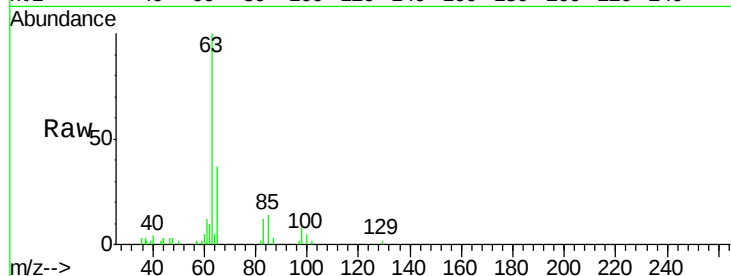




#19
 1,1-Dichloroethane
 Concen: 3.981 ug/L
 RT: 3.21 min Scan# 660
 Delta R.T. 0.00 min
 Lab File: VV017521.D
 Acq: 17 Jul 2020 13:35

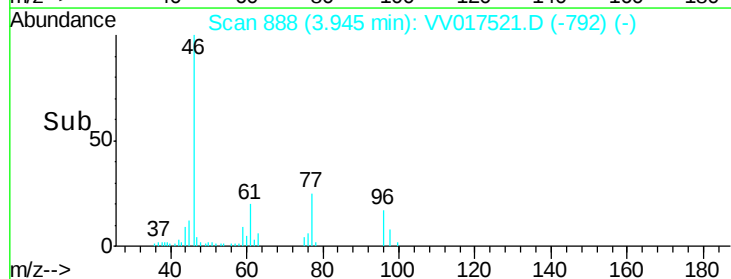
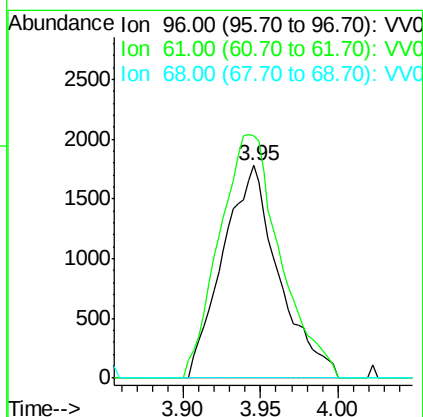
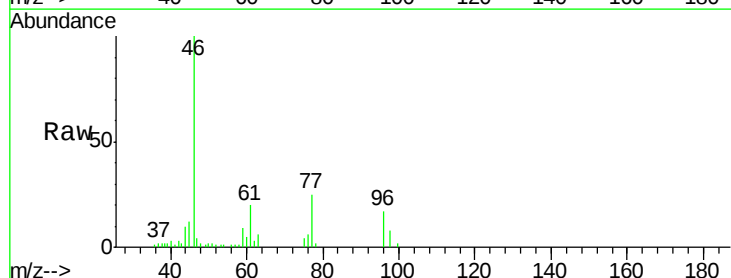
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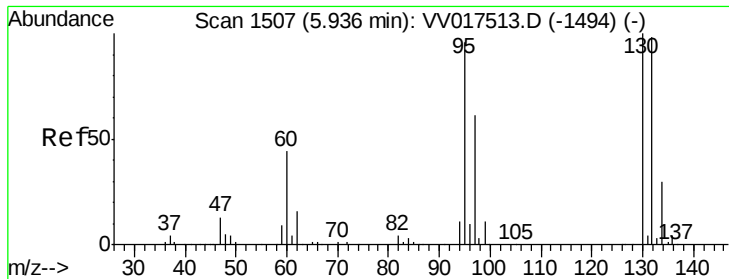
Tot Ion	Ratio	Lower	Upper
63	100		
65	36.7	22.1	41.1
83	12.2	10.1	18.9



#20
 cis-1,2-Dichloroethene
 Concen: 2.193 ug/L
 RT: 3.95 min Scan# 888
 Delta R.T. 0.01 min
 Lab File: VV017521.D
 Acq: 17 Jul 2020 13:35

Tgt Ion	Ratio	Lower	Upper
96	100		
61	114.0	88.9	165.1
68	0.0	0.0	0.0





#34

Trichloroethene

Concen: 187.999 ug/L

RT: 5.94 min Scan# 1508

Delta R.T. 0.00 min

Lab File: VV017521.D

Acq: 17 Jul 2020 13:35

Instrument :

MSVOA_V

ClientSampleId :

F4C26

Tot Ion: 95 Resp: 419556

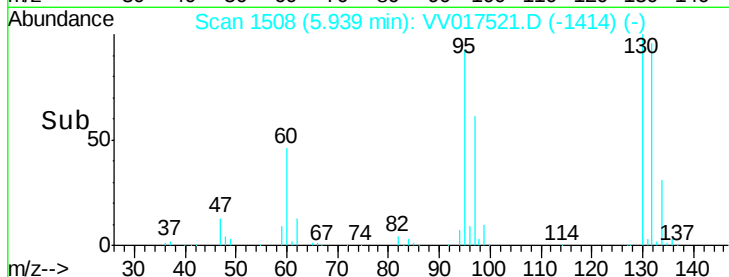
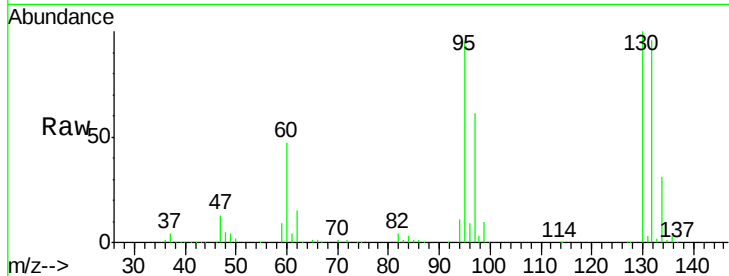
Ion Ratio Lower Upper

95 100

97 64.6 45.6 84.6

132 100.6 74.1 137.5

130 105.1 75.5 140.3

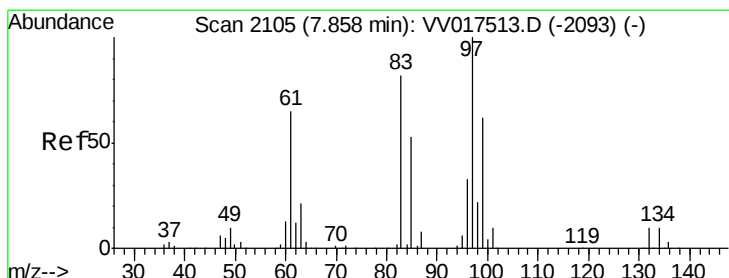
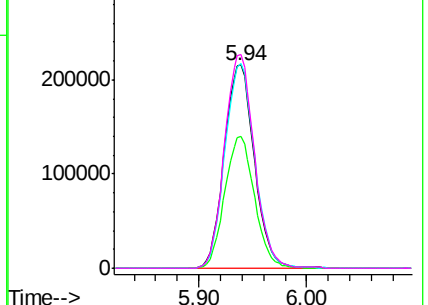


Abundance Ion 95.00 (94.70 to 95.70): VV0

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: 1.043 ug/L

RT: 7.87 min Scan# 2108

Delta R.T. 0.01 min

Lab File: VV017521.D

Acq: 17 Jul 2020 13:35

Tgt Ion: 97 Resp: 2081

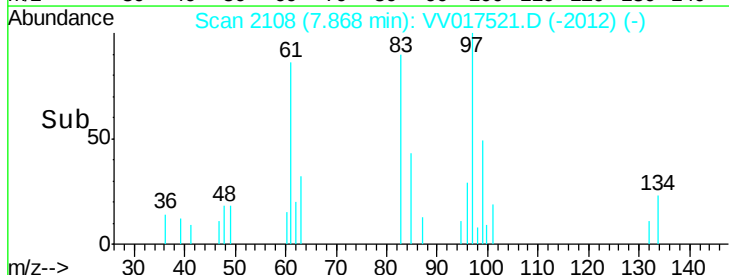
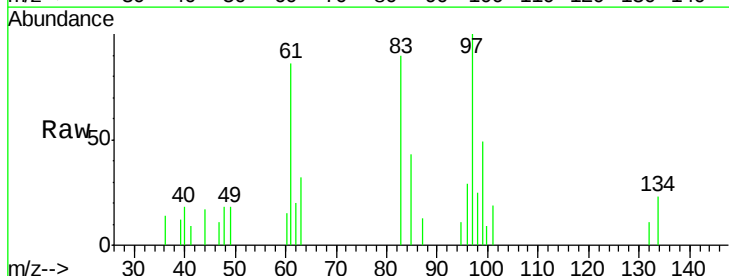
Ion Ratio Lower Upper

97 100

99 58.8 44.6 82.8

83 89.6 60.1 111.7

85 43.0 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

