

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 :

Quant Time: Mar 13 04:12:31 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

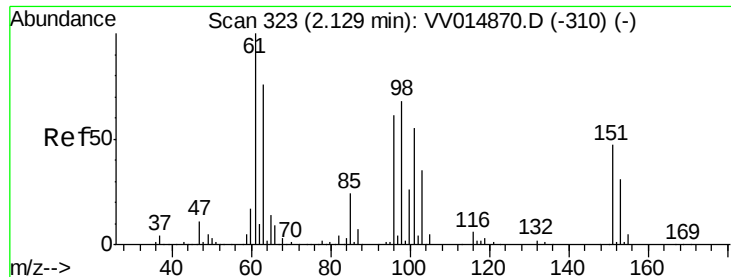
System Monitoring Compounds

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
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1580	0.741 ug/L #	21
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
59) 1,2,3-Trichloropropane	11.27	75	18277	4.964 ug/L	95

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



#10

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

Concen: 0.741 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV014874.D

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Instrument :

MSVOA_V

ClientSampled :

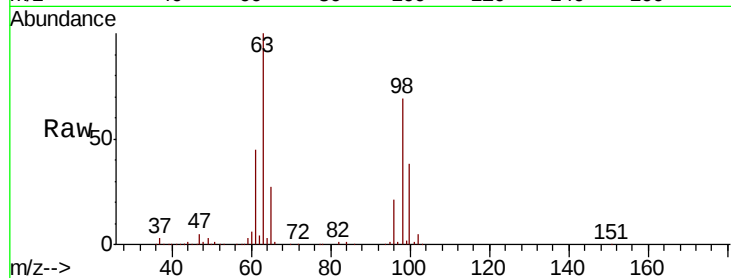
Tot Ion:101 Resp: 1580

Ion Ratio Lower Upper

101 100

85 2.7 35.0 52.6#

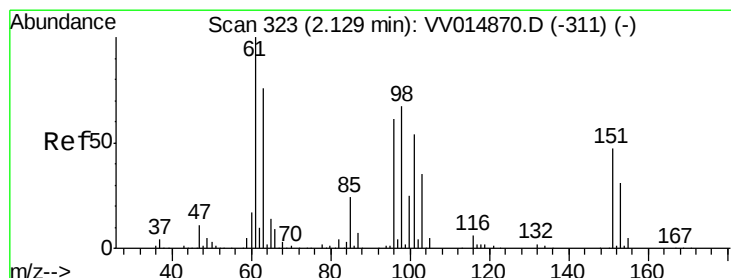
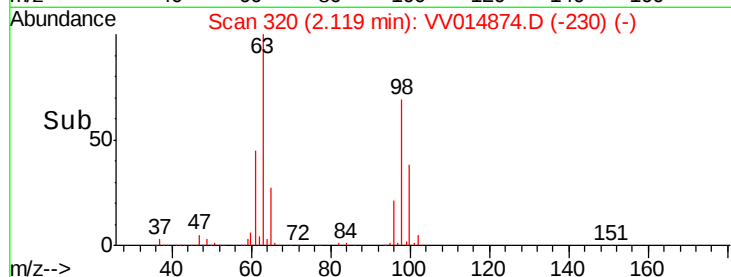
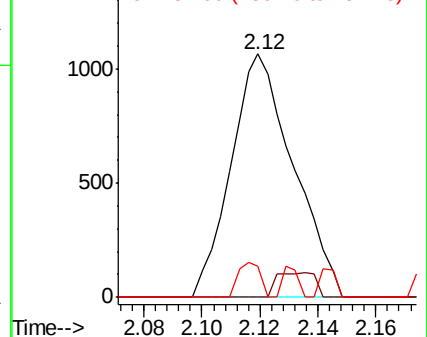
151 5.1 66.4 99.6#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



#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

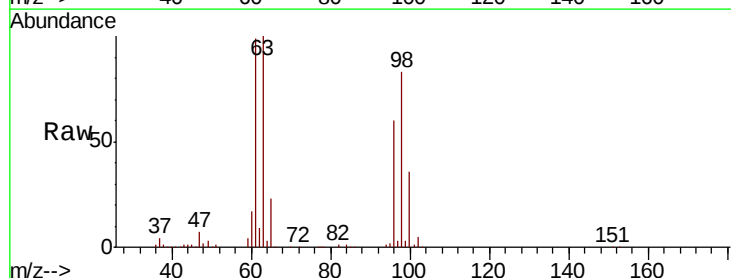
Tgt Ion: 96 Resp: 62931

Ion Ratio Lower Upper

96 100

61 167.0 118.4 220.0

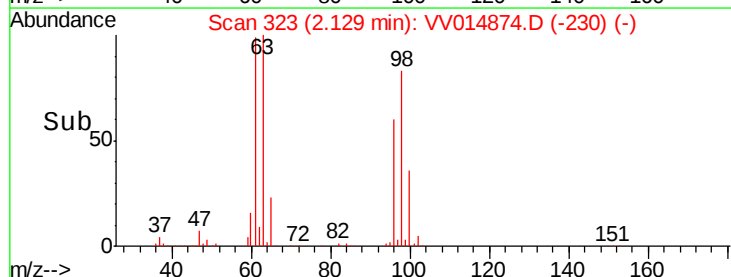
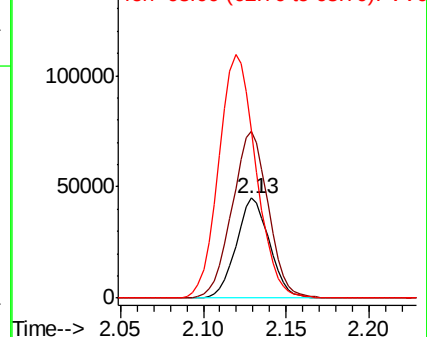
63 167.9 88.4 164.2#

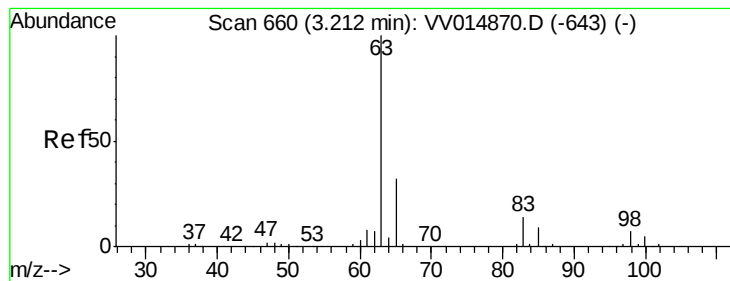


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0





#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

Instrument :

MSVOA_V

ClientSampleId :

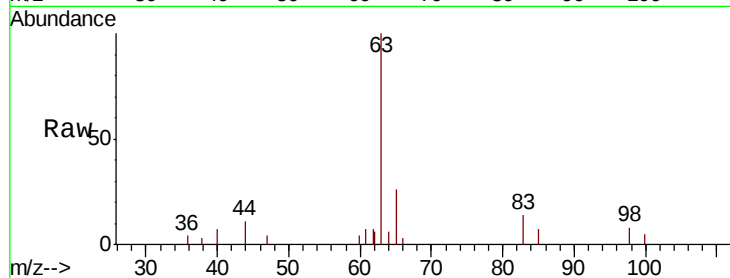
Tot Ion: 63 Resp: 6729

Ion Ratio Lower Upper

63 100

65 26.1 22.5 41.7

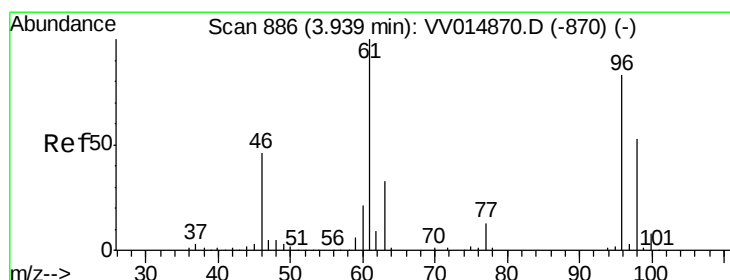
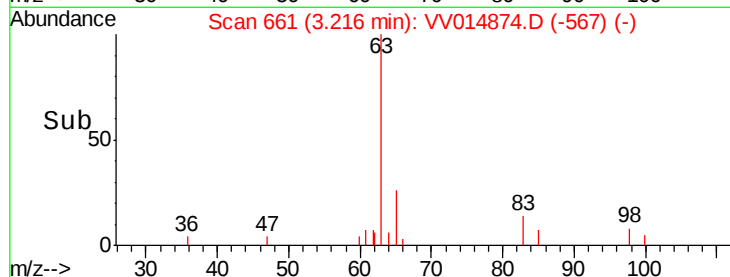
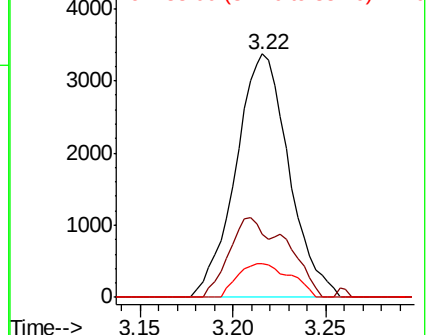
83 14.1 9.1 16.9



Abundance Ion 63.00 (62.70 to 63.70): VV014874.D (-643) (-)

Ion 65.00 (64.70 to 65.70): VV014874.D (-643) (-)

Ion 83.00 (82.70 to 83.70): VV014874.D (-643) (-)



#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

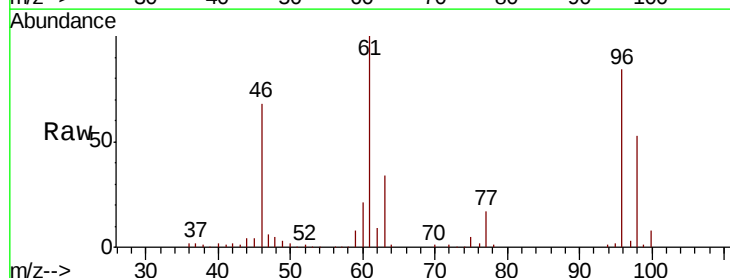
Tgt Ion: 96 Resp: 96176

Ion Ratio Lower Upper

96 100

61 119.8 92.2 171.2

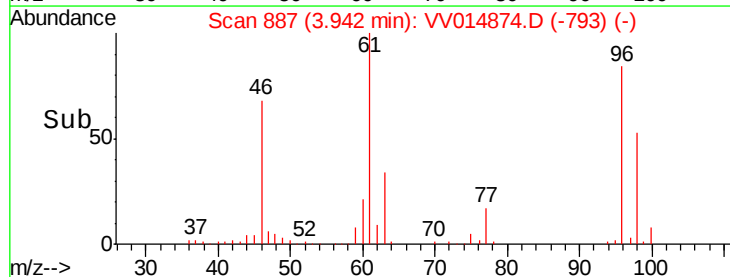
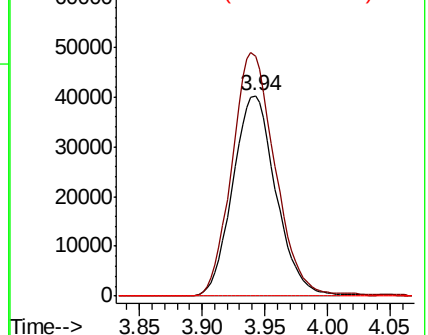
68 0.0 0.0 0.0

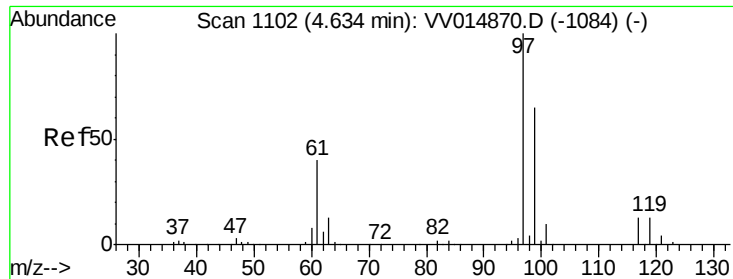


Abundance Ion 96.00 (95.70 to 96.70): VV014874.D (-793) (-)

Ion 61.00 (60.70 to 61.70): VV014874.D (-793) (-)

Ion 68.00 (67.70 to 68.70): VV014874.D (-793) (-)

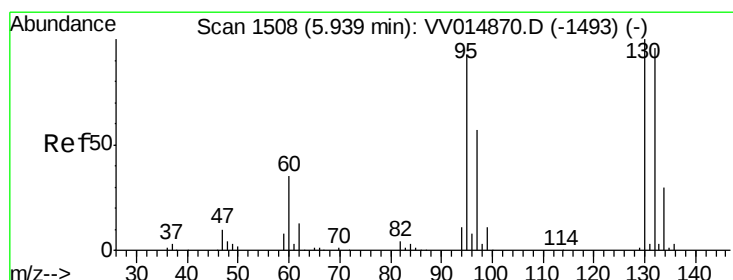
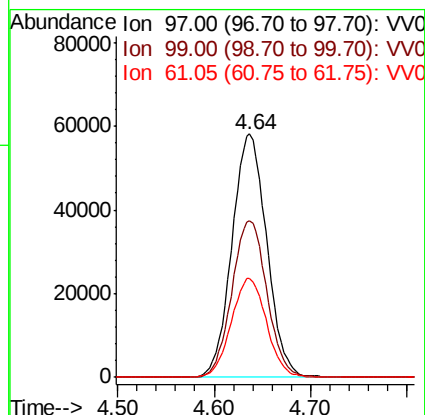
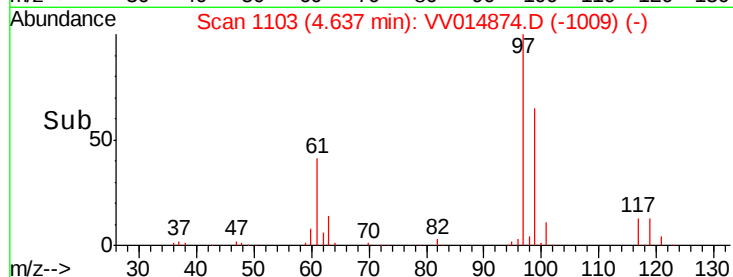
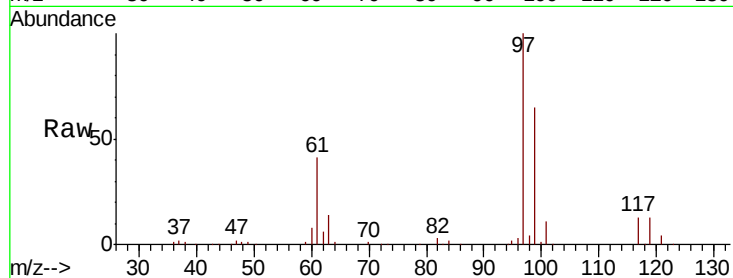




#30
1,1,1-Trichloroethane
Concen: 34.078 ug/L
RT: 4.64 min Scan# 1103
Delta R.T. 0.00 min
Lab File: VV014874.D
Acq: 12 Mar 2020 17:50

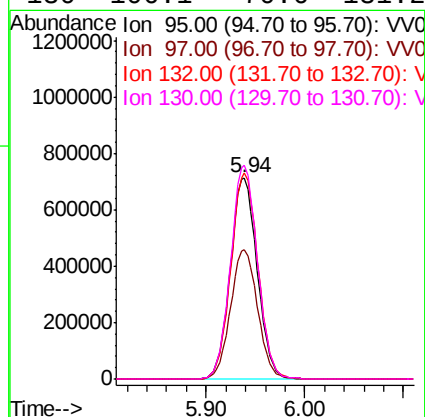
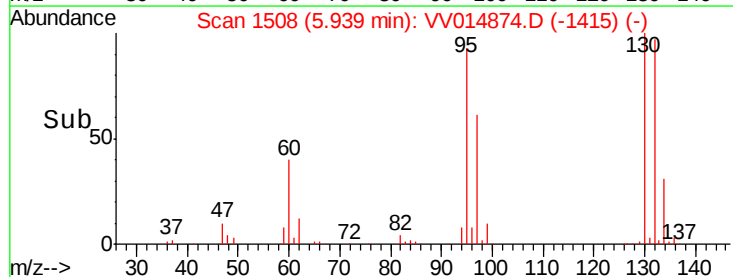
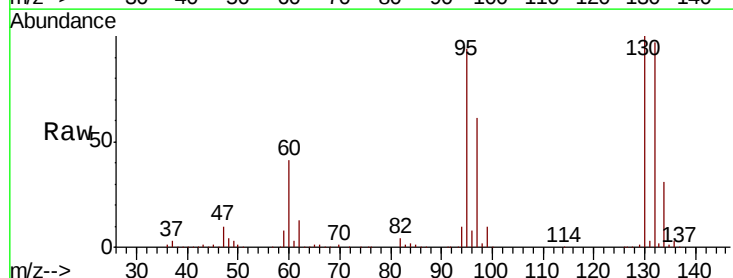
Instrument :
MSVOA_V
ClientSampleId :

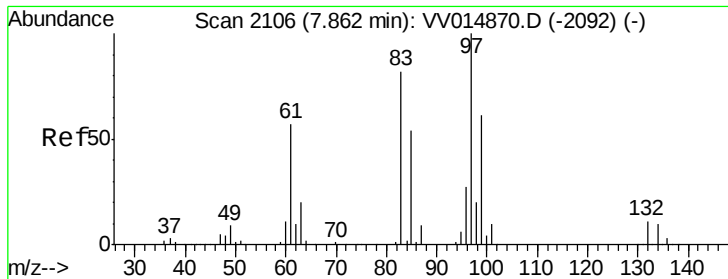
Tot Ion: 97 Resp: 145493
Ion Ratio Lower Upper
97 100
99 64.6 51.6 77.4
61 41.3 34.6 52.0



#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

Tgt 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





#45

1,1,2-Trichloroethane

Concen: 0.605 ug/L

RT: 7.87 min Scan# 2107

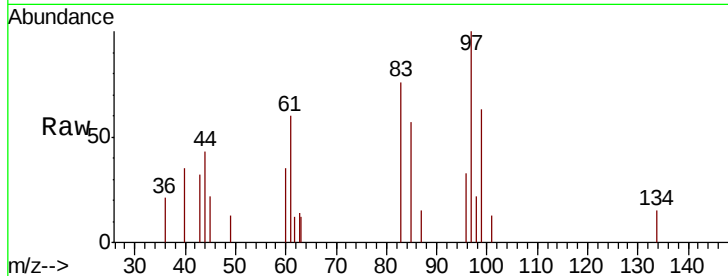
Delta R.T. 0.00 min

Lab File: VV014874.D

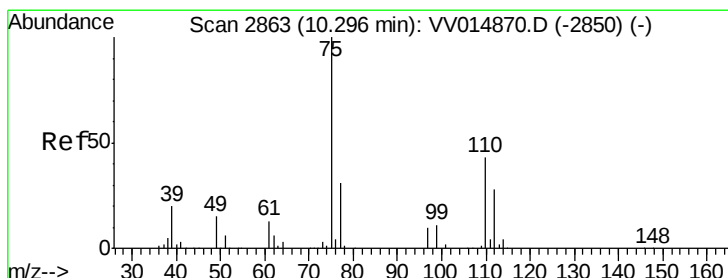
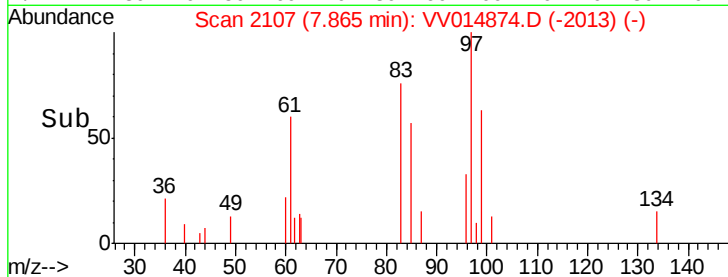
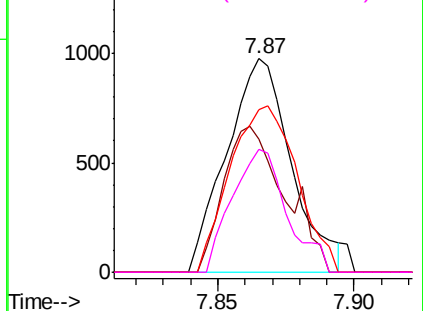
Acq: 12 Mar 2020 17:50

Instrument :
MSVOA_V
ClientSampled :

Tot 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



#59

1,2,3-Trichloropropane

Concen: 4.964 ug/L

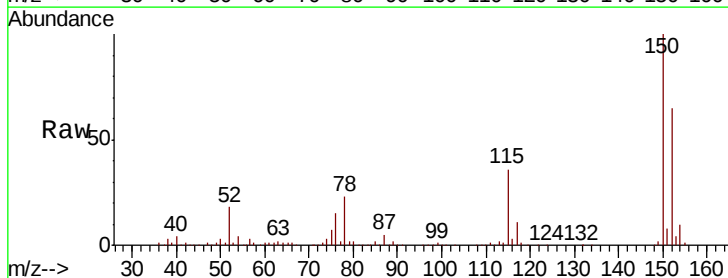
RT: 11.27 min Scan# 3165

Delta R.T. 0.97 min

Lab File: VV014874.D

Acq: 12 Mar 2020 17:50

Tgt Ion:	75	Resp:	18277
Ion	Ratio	Lower	Upper
75	100		
77	34.8	25.6	38.4



Abundance Ion 75.00 (74.70 to 75.70): VV0
Ion 77.00 (76.70 to 77.70): VV0

