

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV091820\
 Data File : VV018324.D
 Acq On : 18 Sep 2020 15:52
 Operator : SY/MD
 Sample : L4065-13
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AE4

Quant Time: Sep 19 03:48:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Sep 19 01:35:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	278512	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	276918	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	131175	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	97731	43.06	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.12%
7) Chloroethane-d5	1.58	69	81175	43.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.42%
11) 1,1-Dichloroethene-d2	2.12	63	145804	35.02	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.04%
21) 2-Butanone-d5	3.92	46	119409	85.95	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	85.95%
24) Chloroform-d	4.38	84	171054	43.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.88%
26) 1,2-Dichloroethane-d4	5.06	65	115168	45.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.24%
32) Benzene-d6	5.08	84	345431	43.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.14%
36) 1,2-Dichloropropane-d6	6.09	67	111062	44.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.18%
41) Toluene-d8	7.34	98	309222	42.80	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.60%
43) trans-1,3-Dichloropropene-	7.64	79	53783	42.02	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.04%
47) 2-Hexanone-d5	8.11	63	81600	85.52	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	85.52%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	138258	43.73	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.46%
64) 1,2-Dichlorobenzene-d4	11.65	152	127378	47.28	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.56%

Target Compounds

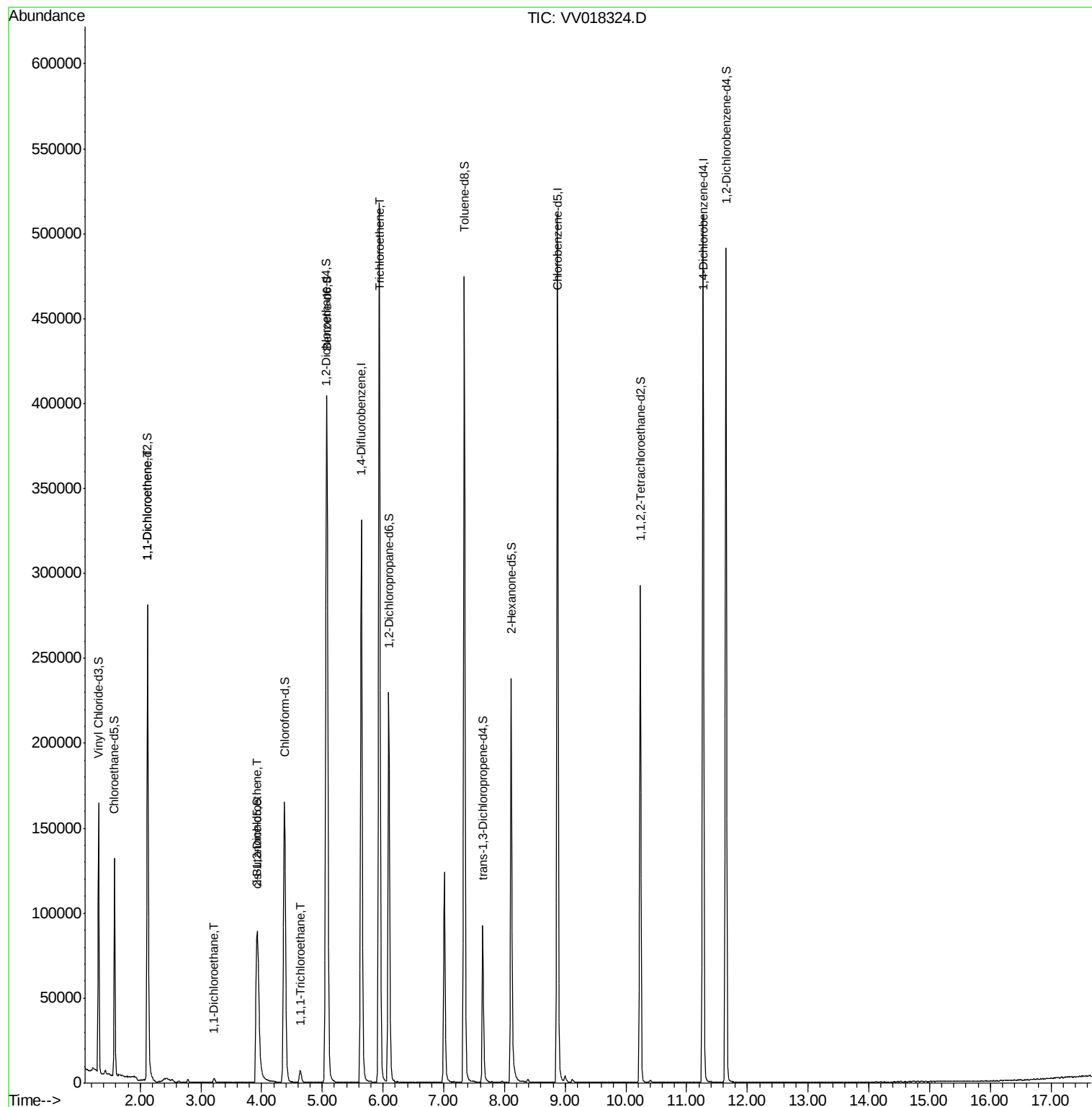
					Ovalue
12) 1,1-Dichloroethene	2.13	96	10016	5.477 ug/L	# 1
19) 1,1-Dichloroethane	3.21	63	3119	0.875 ug/L	96
20) cis-1,2-Dichloroethene	3.94	96	15428	7.658 ug/L	99
30) 1,1,1-Trichloroethane	4.64	97	6437	2.003 ug/L	97
34) Trichloroethene	5.94	95	181617	84.207 ug/L	99

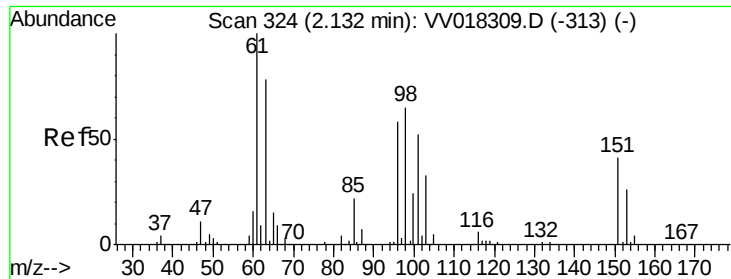
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 5.477 ug/L

RT: 2.13 min Scan# 324

Delta R.T. 0.00 min

Lab File: VV018324.D

Acq: 18 Sep 2020 15:52

Instrument :

MSVOA_V

ClientSampled :

C0AE4

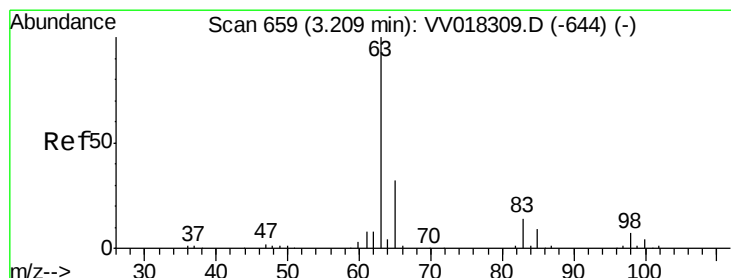
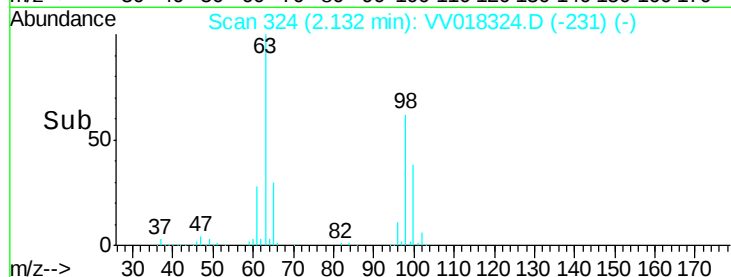
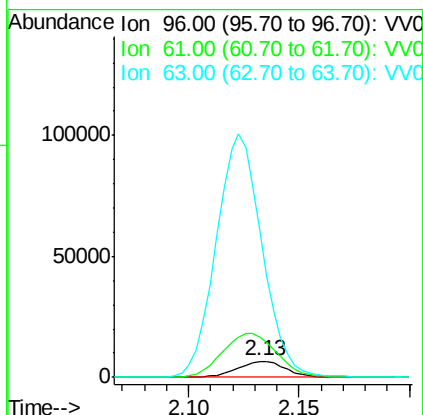
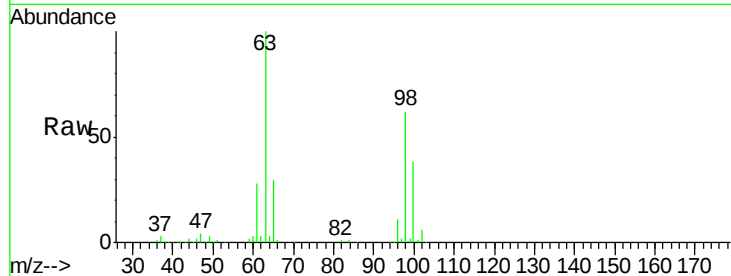
Tot Ion: 96 Resp: 10016

Ion Ratio Lower Upper

96 100

61 254.5 122.9 228.3#

63 914.7 91.9 170.7#



#19

1,1-Dichloroethane

Concen: 0.875 ug/L

RT: 3.21 min Scan# 660

Delta R.T. 0.00 min

Lab File: VV018324.D

Acq: 18 Sep 2020 15:52

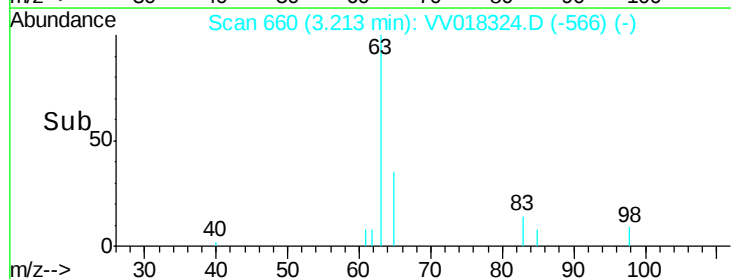
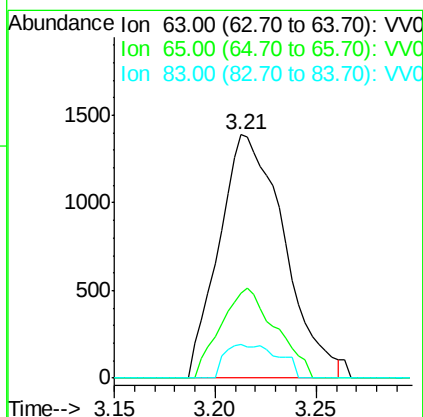
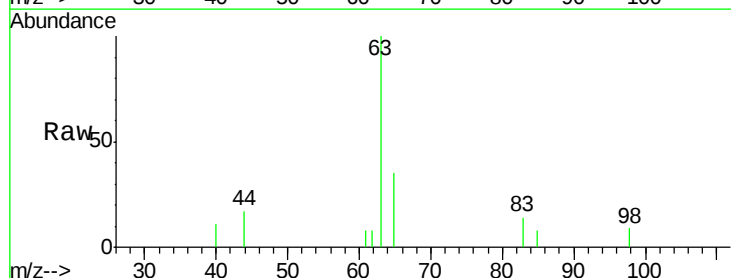
Tgt Ion: 63 Resp: 3119

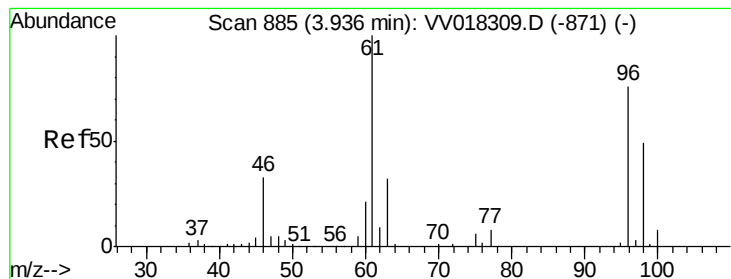
Ion Ratio Lower Upper

63 100

65 35.0 22.5 41.7

83 13.6 9.3 17.3





#20

cis-1,2-Dichloroethene

Concen: 7.658 ug/L

RT: 3.94 min Scan# 887

Delta R.T. 0.01 min

Lab File: VV018324.D

Acq: 18 Sep 2020 15:52

Instrument :
MSVOA_V
ClientSampled :
C0AE4

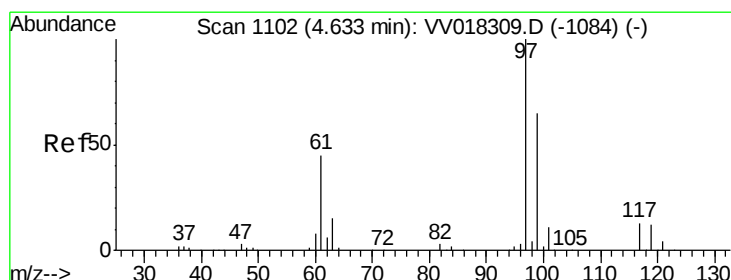
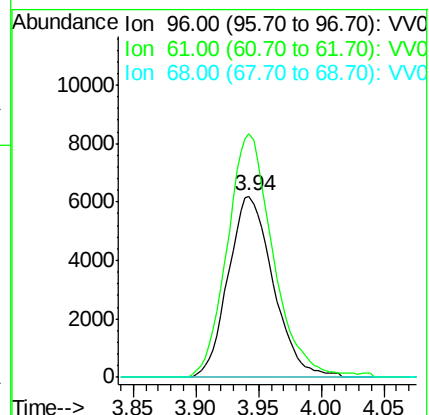
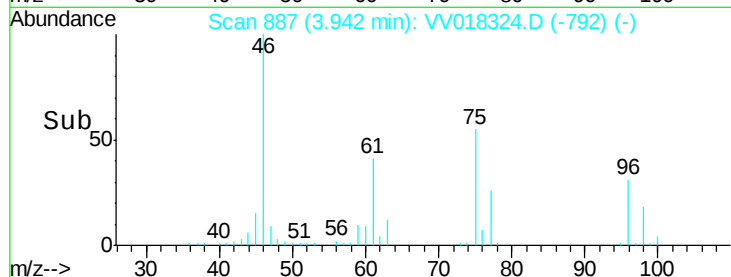
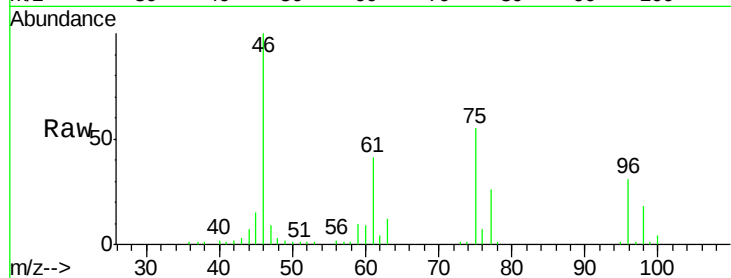
Tot Ion: 96 Resp: 15428

Ion Ratio Lower Upper

96 100

61 134.6 93.6 173.8

68 0.0 0.0 0.0



#30

1,1,1-Trichloroethane

Concen: 2.003 ug/L

RT: 4.64 min Scan# 1103

Delta R.T. 0.00 min

Lab File: VV018324.D

Acq: 18 Sep 2020 15:52

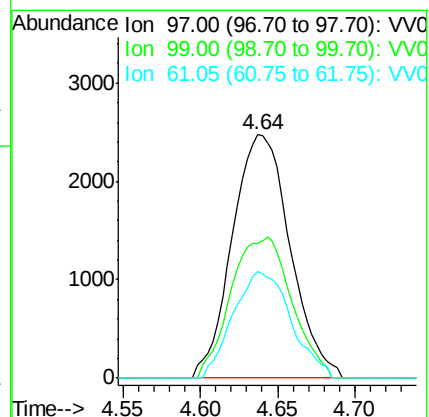
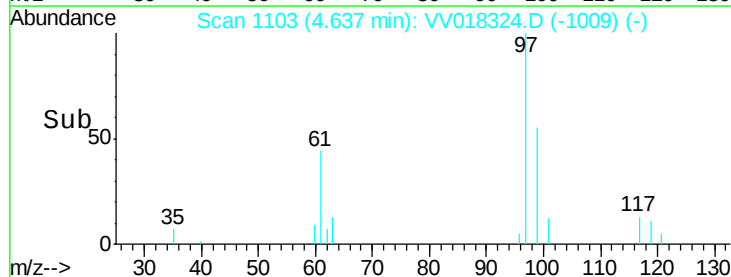
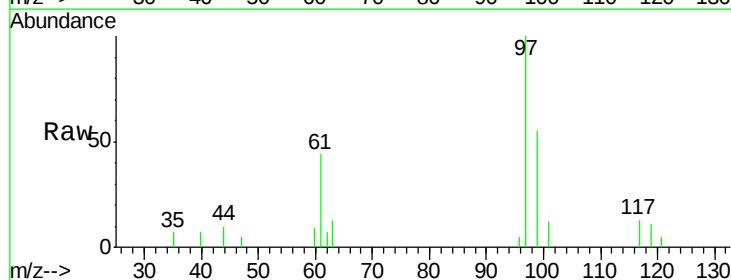
Tgt Ion: 97 Resp: 6437

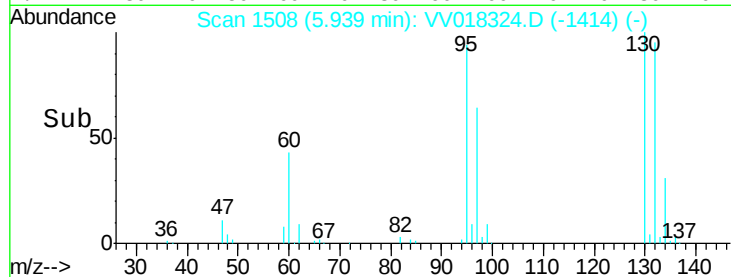
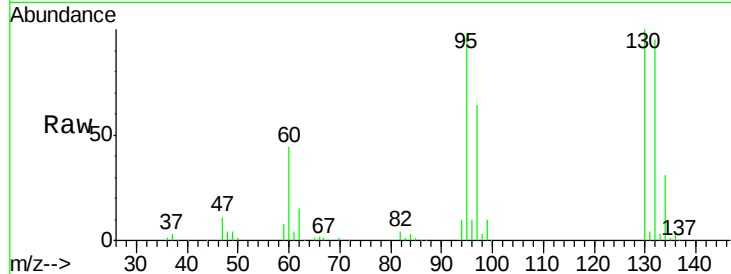
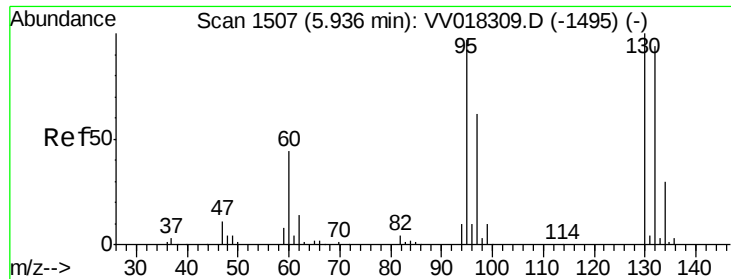
Ion Ratio Lower Upper

97 100

99 60.8 51.6 77.4

61 43.7 34.9 52.3





#34

Trichloroethene

Concen: 84.207 ug/L

RT: 5.94 min Scan# 1508

Delta R.T. 0.00 min

Lab File: VV018324.D

Acq: 18 Sep 2020 15:52

Instrument :

MSVOA_V

ClientSampleId :

C0AE4

Tot Ion: 95 Resp: 181617

Ion Ratio Lower Upper

95 100

97 65.3 46.3 85.9

132 96.5 68.1 126.5

130 102.1 71.5 132.9

Abundance Ion 95.00 (94.70 to 95.70): VV018309.D (-1495) (-)

Ion 97.00 (96.70 to 97.70): VV018309.D (-1495) (-)

Ion 132.00 (131.70 to 132.70): VV018309.D (-1495) (-)

Ion 130.00 (129.70 to 130.70): VV018309.D (-1495) (-)

