

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV091820\
 Data File : VV018320.D
 Acq On : 18 Sep 2020 14:21
 Operator : SY/MD
 Sample : L4065-07
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AH3

Quant Time: Sep 19 03:17:15 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	270240	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	272509	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	129786	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	97442	44.24	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.48%
7) Chloroethane-d5	1.58	69	78621	43.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.26%
11) 1,1-Dichloroethene-d2	2.12	63	140547	34.79	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.58%
21) 2-Butanone-d5	3.91	46	114126	84.66	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	84.66%
24) Chloroform-d	4.38	84	167088	43.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.46%
26) 1,2-Dichloroethane-d4	5.06	65	111823	45.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.30%
32) Benzene-d6	5.08	84	334879	42.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.86%
36) 1,2-Dichloropropane-d6	6.09	67	108188	43.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	87.30%
41) Toluene-d8	7.34	98	299561	42.13	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.26%
43) trans-1,3-Dichloropropene-	7.64	79	50831	40.35	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.70%
47) 2-Hexanone-d5	8.11	63	78315	83.41	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	83.41%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	132970	42.74	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	85.48%
64) 1,2-Dichlorobenzene-d4	11.65	152	123694	46.41	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.82%

Target Compounds

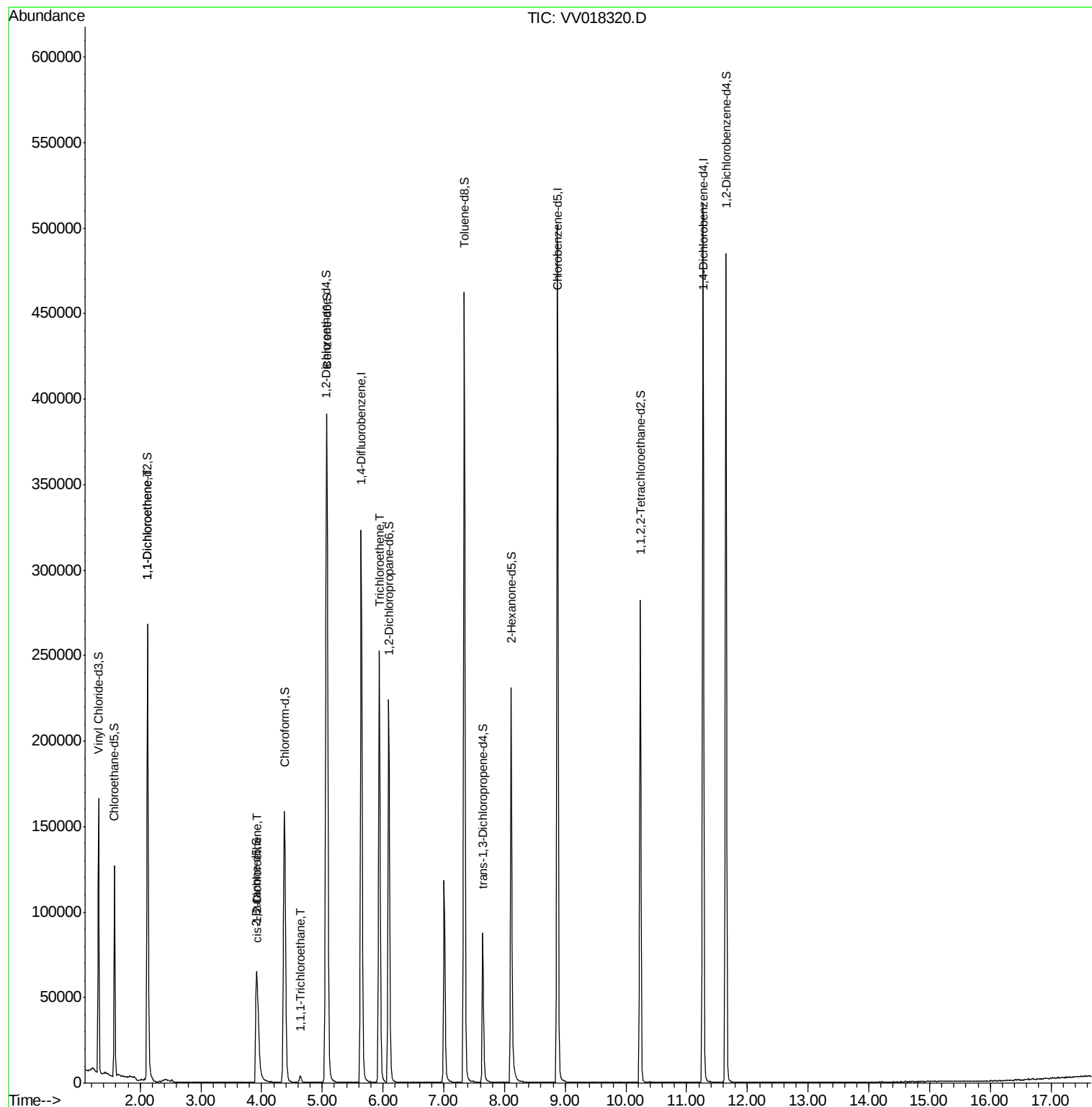
					Ovalue
12) 1,1-Dichloroethene	2.13	96	6425	3.621 ug/L #	1
20) cis-1,2-Dichloroethene	3.94	96	6188	3.166 ug/L	94
30) 1,1,1-Trichloroethane	4.64	97	3353	1.060 ug/L #	89
34) Trichloroethene	5.94	95	88129	41.522 ug/L	99

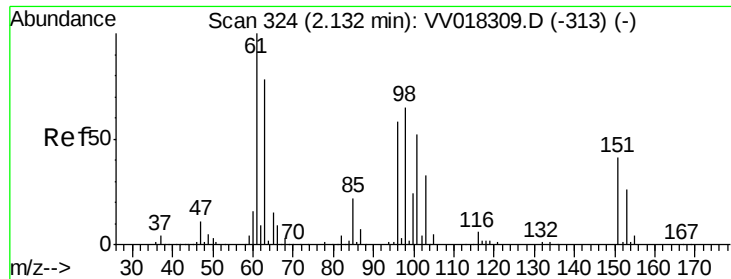
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 3.621 ug/L

RT: 2.13 min Scan# 324

Delta R.T. 0.00 min

Lab File: VV018320.D

Acq: 18 Sep 2020 14:21

Instrument :

MSVOA_V

ClientSampleId :

C0AH3

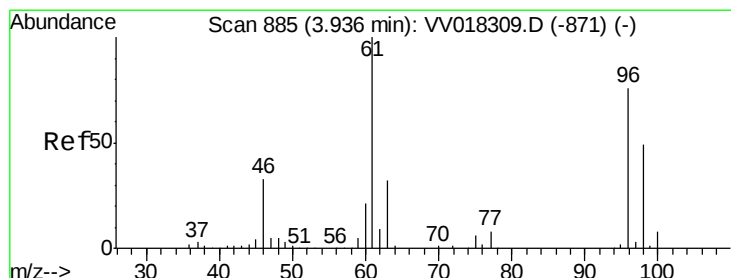
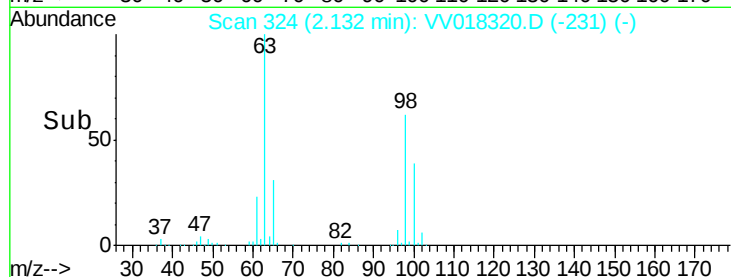
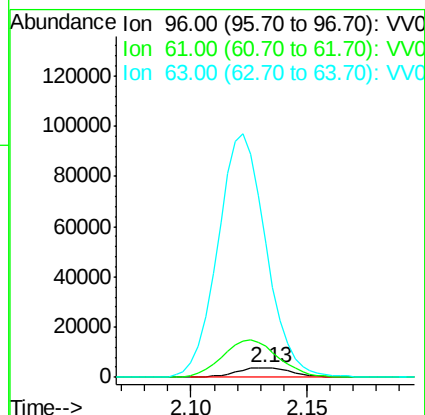
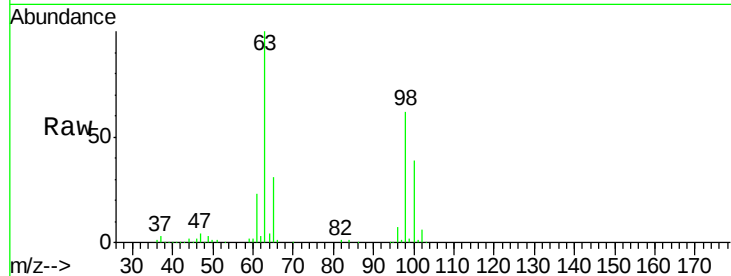
Tot Ion: 96 Resp: 6425

Ion Ratio Lower Upper

96 100

61 307.9 122.9 228.3#

63 1352.2 91.9 170.7#



#20

cis-1,2-Dichloroethene

Concen: 3.166 ug/L

RT: 3.94 min Scan# 887

Delta R.T. 0.01 min

Lab File: VV018320.D

Acq: 18 Sep 2020 14:21

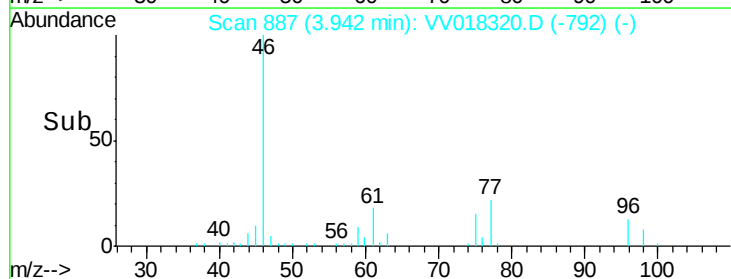
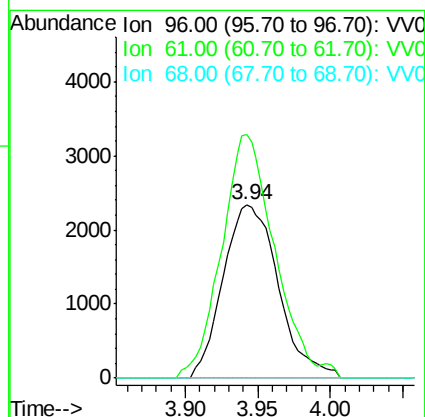
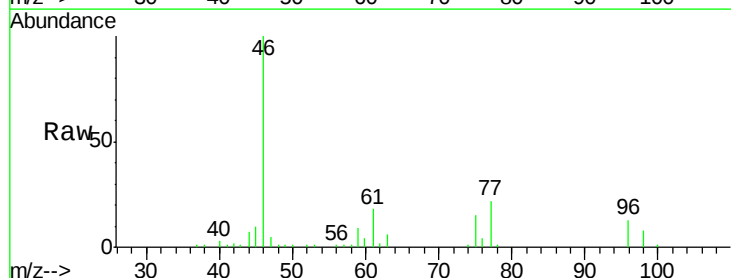
Tgt Ion: 96 Resp: 6188

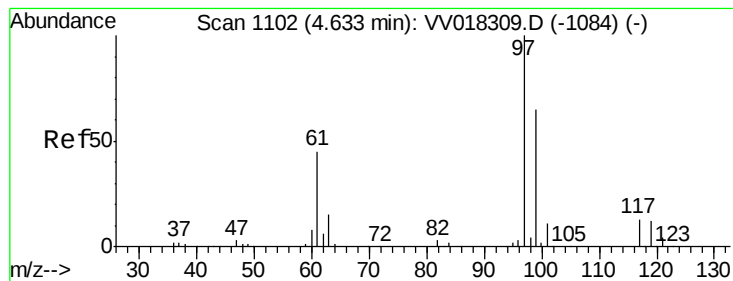
Ion Ratio Lower Upper

96 100

61 140.5 93.6 173.8

68 0.0 0.0 0.0





#30

1,1,1-Trichloroethane

Concen: 1.060 ug/L

RT: 4.64 min Scan# 1104

Delta R.T. 0.01 min

Lab File: VV018320.D

Acq: 18 Sep 2020 14:21

Instrument :

MSVOA_V

ClientSampleId :

C0AH3

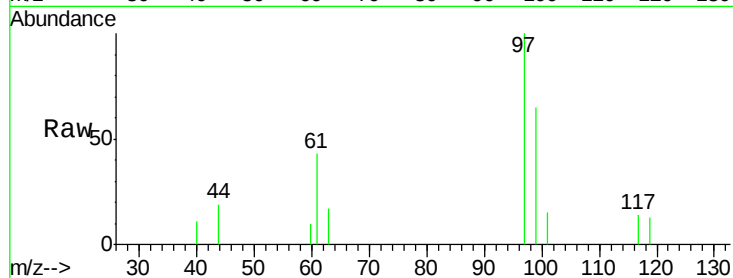
Tot Ion: 97 Resp: 3353

Ion Ratio Lower Upper

97 100

99 66.8 51.6 77.4

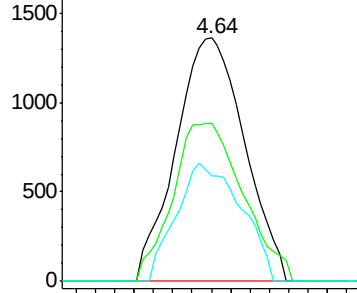
61 28.8 34.9 52.3#



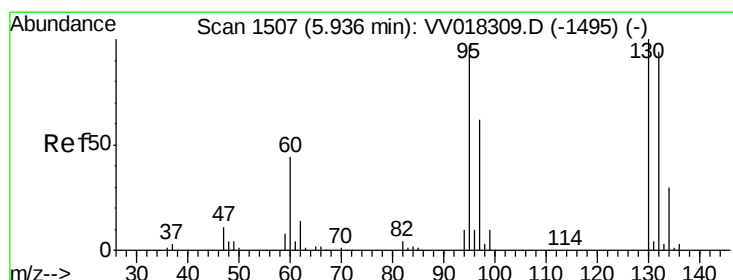
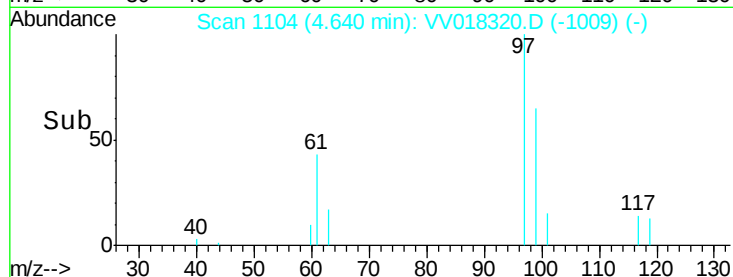
Abundance Ion 97.00 (96.70 to 97.70): VV018320.D (-1009) (-)

Ion 99.00 (98.70 to 99.70): VV018320.D (-1009) (-)

Ion 61.05 (60.75 to 61.75): VV018320.D (-1009) (-)



Time-->



#34

Trichloroethene

Concen: 41.522 ug/L

RT: 5.94 min Scan# 1508

Delta R.T. 0.00 min

Lab File: VV018320.D

Acq: 18 Sep 2020 14:21

Tgt Ion: 95 Resp: 88129

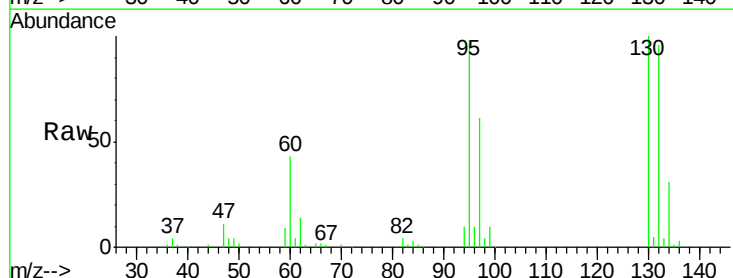
Ion Ratio Lower Upper

95 100

97 62.4 46.3 85.9

132 97.4 68.1 126.5

130 101.8 71.5 132.9

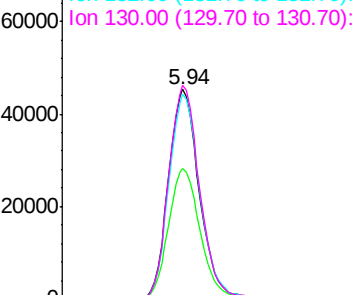


Abundance Ion 95.00 (94.70 to 95.70): VV018320.D (-1414) (-)

Ion 97.00 (96.70 to 97.70): VV018320.D (-1414) (-)

Ion 132.00 (131.70 to 132.70): VV018320.D (-1414) (-)

Ion 130.00 (129.70 to 130.70): VV018320.D (-1414) (-)



Time-->

