

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV091720\
 Data File : VV018298.D
 Acq On : 17 Sep 2020 22:53
 Operator : SY/MD
 Sample : L4043-13
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AF8

Quant Time: Sep 18 08:20:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 18 08:05:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	286195	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	285934	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	134309	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	75590	32.41	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	64.82%
7) Chloroethane-d5	1.58	69	68450	35.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	71.74%
11) 1,1-Dichloroethene-d2	2.12	63	120699	28.21	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	56.42%#
21) 2-Butanone-d5	3.92	46	118167	82.77	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	82.77%
24) Chloroform-d	4.38	84	158725	39.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	78.44%
26) 1,2-Dichloroethane-d4	5.06	65	106862	41.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.40%
32) Benzene-d6	5.08	84	313832	38.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	76.68%
36) 1,2-Dichloropropane-d6	6.09	67	103341	39.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	79.46%
41) Toluene-d8	7.34	98	278580	37.34	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	74.68%#
43) trans-1,3-Dichloropropene-	7.64	79	47300	35.79	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.58%
47) 2-Hexanone-d5	8.11	63	81934	83.17	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	83.17%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	135612	41.54	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	83.08%
64) 1,2-Dichlorobenzene-d4	11.65	152	121229	43.95	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.90%

Target Compounds

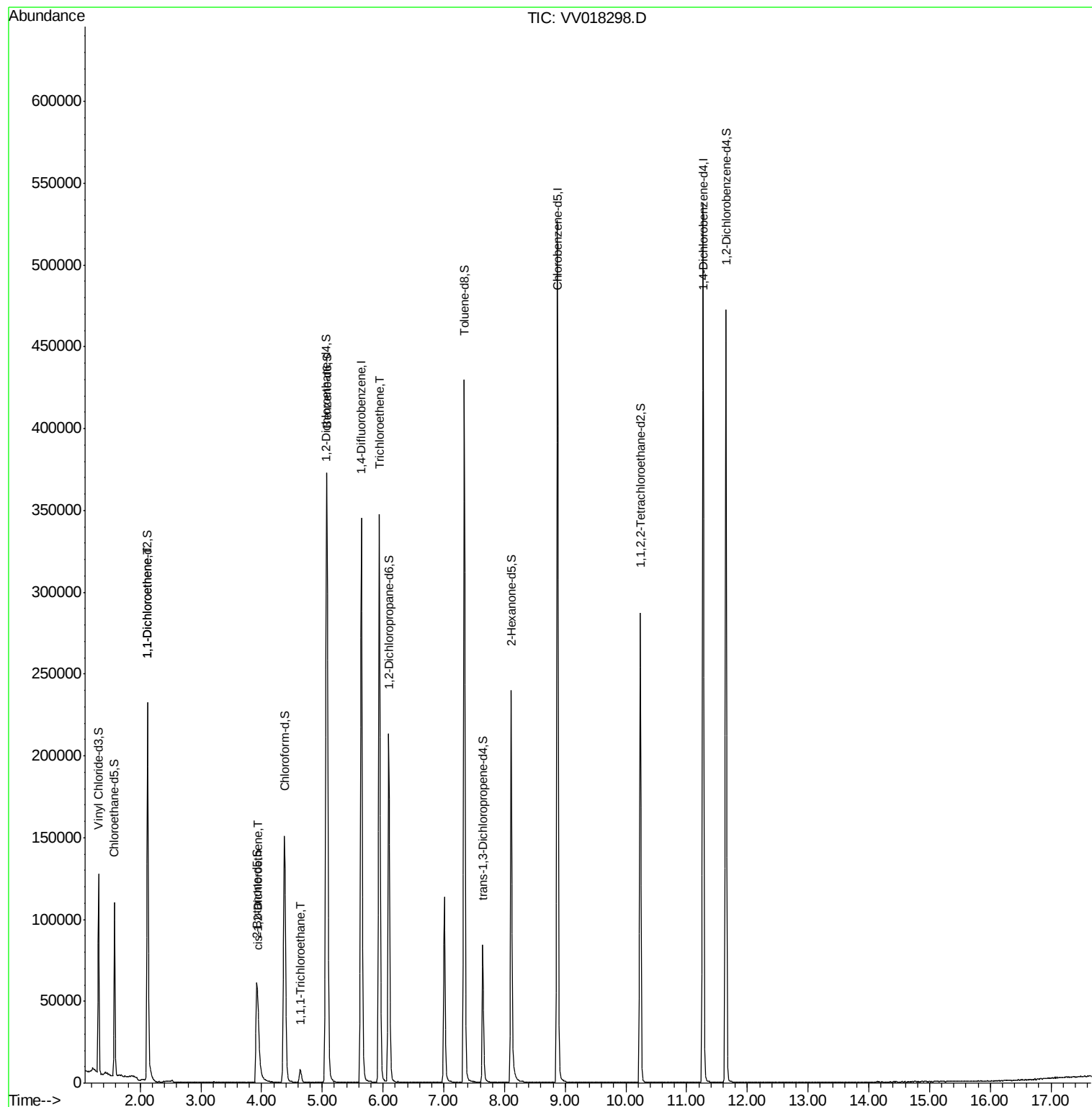
					Ovalue
12) 1,1-Dichloroethene	2.13	96	7930	4.220 ug/L #	1
20) cis-1,2-Dichloroethene	3.95	96	3763	1.818 ug/L	96
30) 1,1,1-Trichloroethane	4.64	97	6709	2.022 ug/L #	86
34) Trichloroethene	5.94	95	123474	55.444 ug/L	99

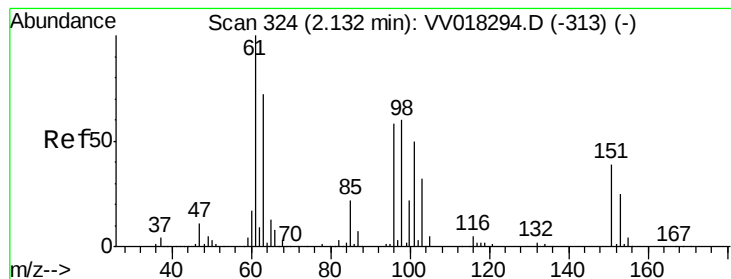
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 4.220 ug/L

RT: 2.13 min Scan# 324

Delta R.T. -0.00 min

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ClientSampleId :

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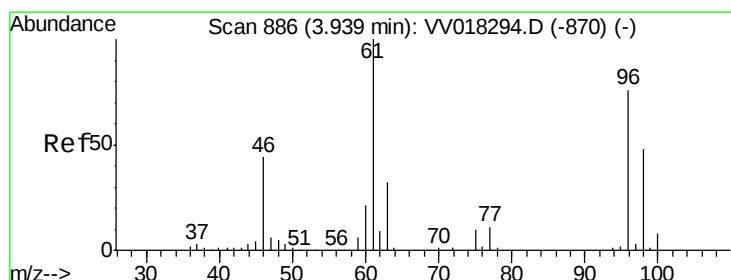
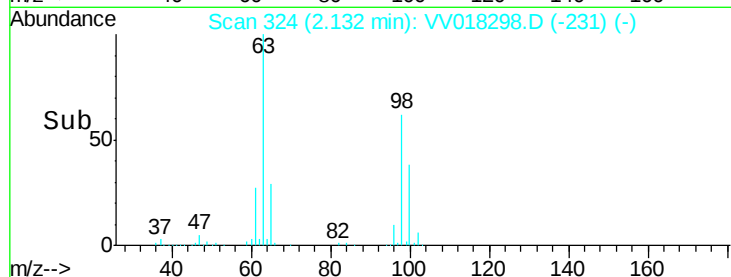
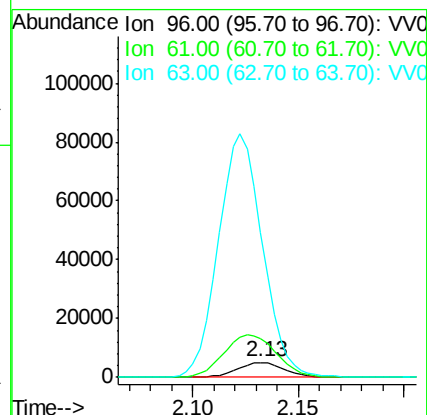
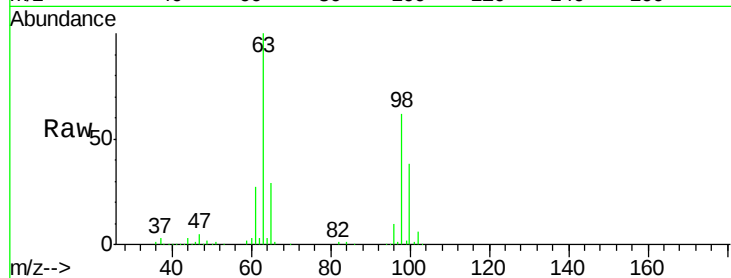
Tot Ion: 96 Resp: 7930

Ion Ratio Lower Upper

96 100

61 256.1 122.9 228.3#

63 966.2 91.9 170.7#



#20

cis-1,2-Dichloroethene

Concen: 1.818 ug/L

RT: 3.95 min Scan# 888

Delta R.T. 0.01 min

Lab File: VV018298.D

Acq: 17 Sep 2020 22:53

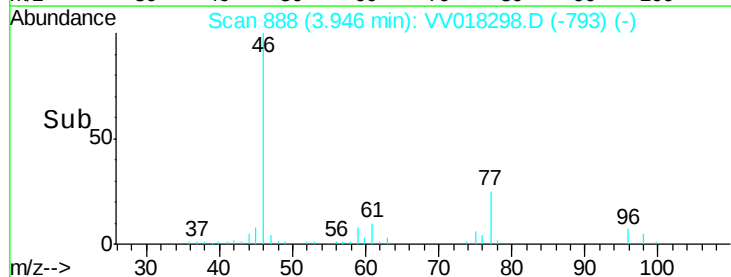
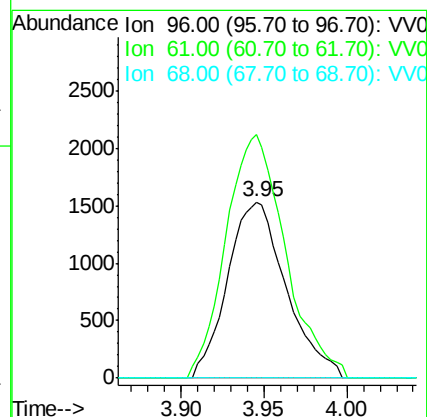
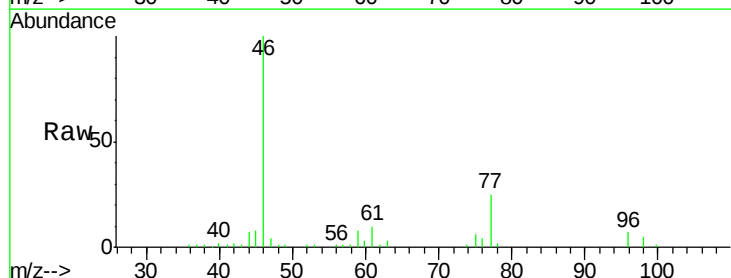
Tgt Ion: 96 Resp: 3763

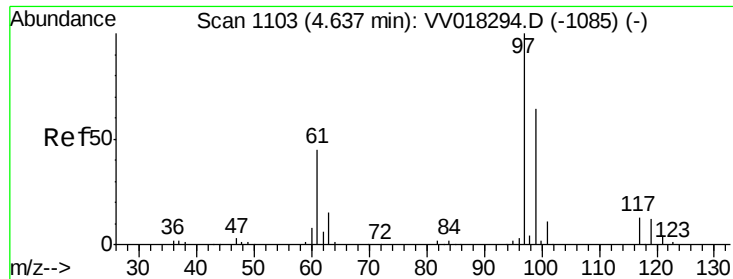
Ion Ratio Lower Upper

96 100

61 138.1 93.6 173.8

68 0.0 0.0 0.0

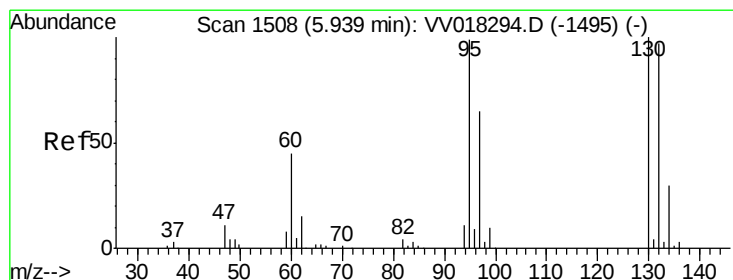
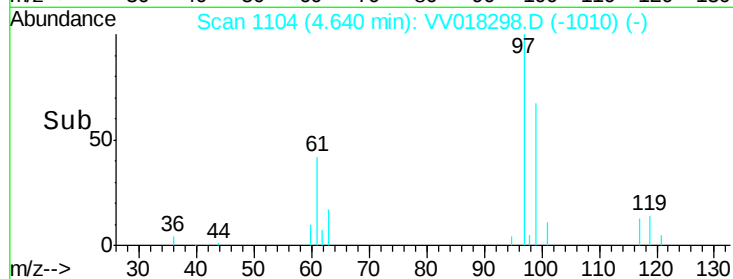
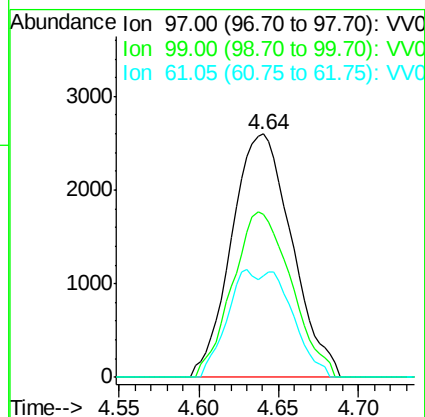
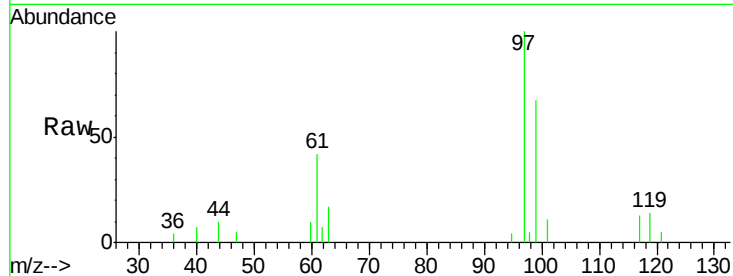




#30
 1,1,1-Trichloroethane
 Concen: 2.022 ug/L
 RT: 4.64 min Scan# 1104
 Delta R.T. 0.00 min
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Tot Ion: 97 Resp: 6709
 Ion Ratio Lower Upper
 97 100
 99 66.2 51.6 77.4
 61 22.7 34.9 52.3#



#34
 Trichloroethene
 Concen: 55.444 ug/L
 RT: 5.94 min Scan# 1508
 Delta R.T. -0.00 min
 Lab File: VV018298.D
 Acq: 17 Sep 2020 22:53

Tgt Ion: 95 Resp: 123474
 Ion Ratio Lower Upper
 95 100
 97 64.3 46.3 85.9
 132 97.0 68.1 126.5
 130 102.0 71.5 132.9

