

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV080620\
 Data File : VV017817.D
 Acq On : 06 Aug 2020 16:47
 Operator : SY/MD
 Sample : L3590-11
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F2L83

Quant Time: Aug 07 06:41:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM073020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 07 05:27:52 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	224516	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	222340	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	121722	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	42383	38.71	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	77.42%
7) Chloroethane-d5	1.58	69	41199	44.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.14%
11) 1,1-Dichloroethene-d2	2.13	63	84111	31.97	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.94%
21) 2-Butanone-d5	3.90	46	75985	92.30	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.30%
24) Chloroform-d	4.38	84	137179	45.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.70%
26) 1,2-Dichloroethane-d4	5.06	65	106486	48.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.44%
32) Benzene-d6	5.08	84	229182	43.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.14%
36) 1,2-Dichloropropane-d6	6.09	67	62504	43.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	86.04%
41) Toluene-d8	7.34	98	231432	44.87	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.74%
43) trans-1,3-Dichloropropene-	7.64	79	29702	30.94	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	61.88%
47) 2-Hexanone-d5	8.11	63	56230	90.05	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.05%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	95922	43.73	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.46%
64) 1,2-Dichlorobenzene-d4	11.65	152	119034	49.82	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.64%

Target Compounds

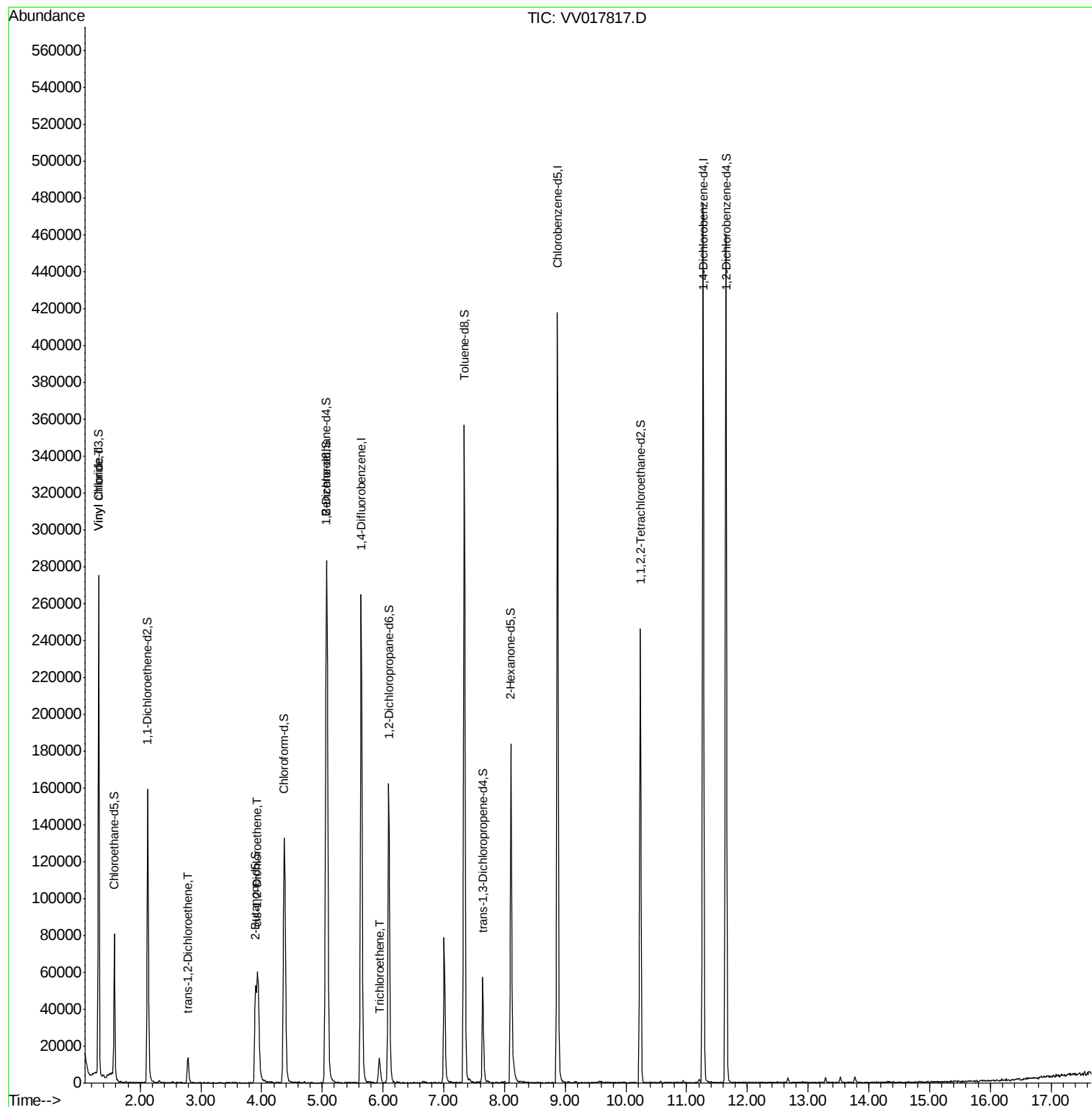
					Ovalue
5) Vinyl chloride	1.32	62	116566	73.187	ug/L 95
17) trans-1,2-Dichloroethene	2.79	96	5596	3.673	ug/L 94
20) cis-1,2-Dichloroethene	3.94	96	29628	18.205	ug/L 98
34) Trichloroethene	5.95	95	3328	1.942	ug/L 88

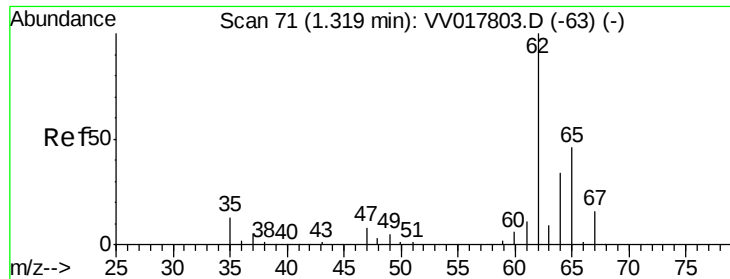
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 73.187 ug/L

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

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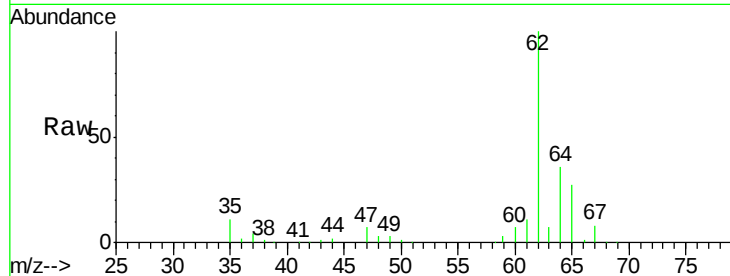
Instrument :
MSVOA_V
ClientSampled :
F2L83

Tot Ion: 62 Resp: 116566

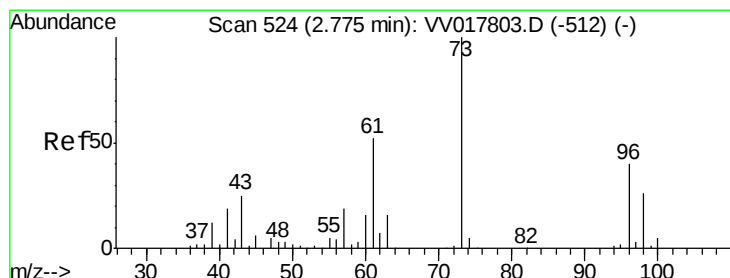
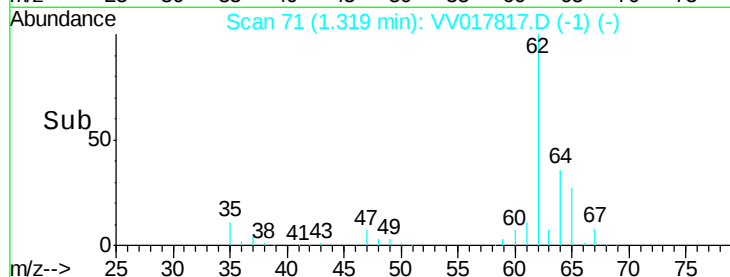
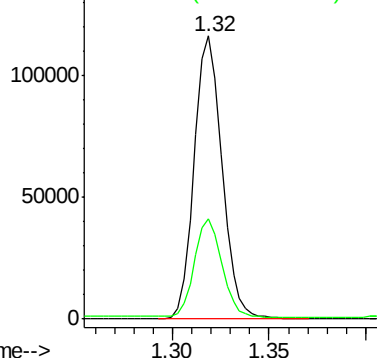
Ion Ratio Lower Upper

62 100

64 35.6 22.9 42.5



Abundance Ion 62.00 (61.70 to 62.70): VV0
Ion 64.00 (63.70 to 64.70): VV0



#17

trans-1,2-Dichloroethene

Concen: 3.673 ug/L

RT: 2.79 min Scan# 528

Delta R.T. 0.01 min

Lab File: VV017817.D

Acq: 06 Aug 2020 16:47

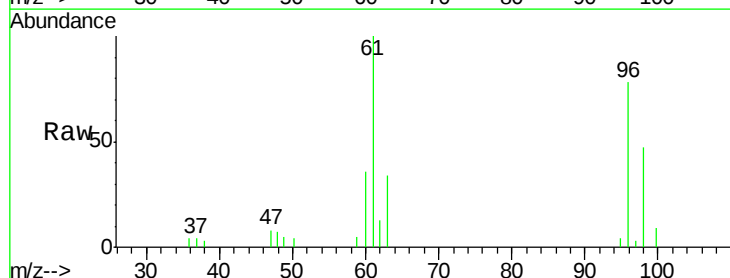
Tgt Ion: 96 Resp: 5596

Ion Ratio Lower Upper

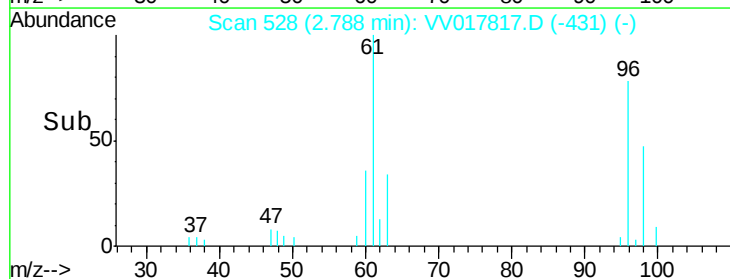
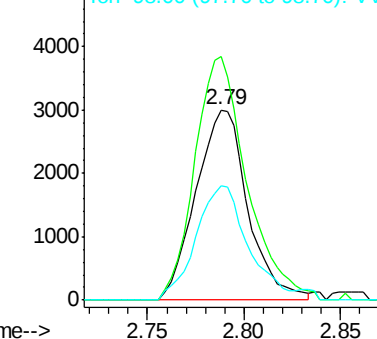
96 100

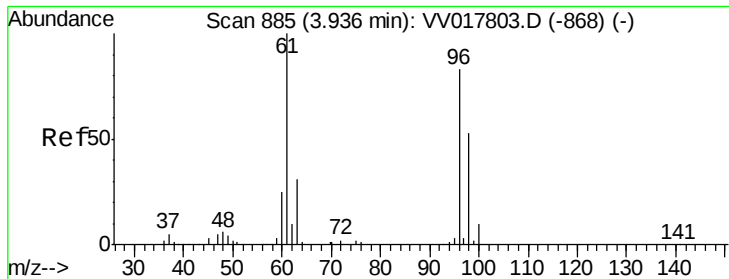
61 127.9 96.2 178.8

98 59.8 43.2 80.2



Abundance Ion 96.00 (95.70 to 96.70): VV0
Ion 61.00 (60.70 to 61.70): VV0
Ion 98.00 (97.70 to 98.70): VV0



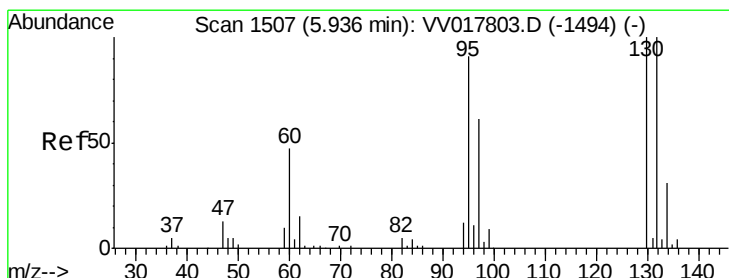
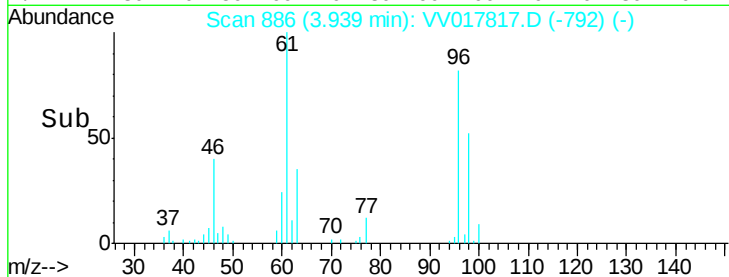
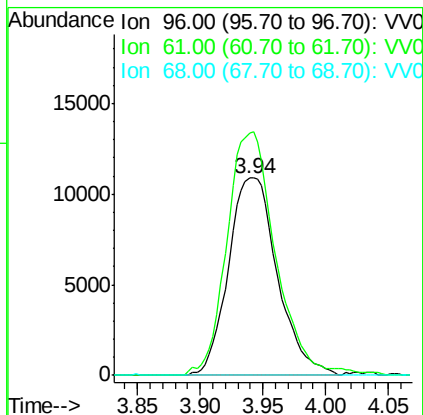
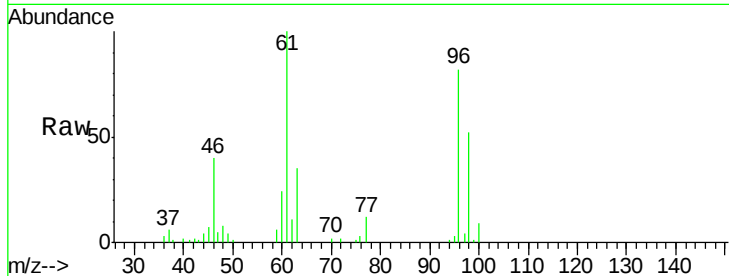


#20

cis-1,2-Dichloroethene
Concen: 18.205 ug/L
RT: 3.94 min Scan# 886
Delta R.T. 0.00 min
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Tot Ion: 96 Resp: 29628
Ion Ratio Lower Upper
96 100
61 122.6 87.3 162.1
68 0.0 0.0 0.0



#34

Trichloroethene
Concen: 1.942 ug/L
RT: 5.95 min Scan# 1510
Delta R.T. 0.01 min
Lab File: VV017817.D
Acq: 06 Aug 2020 16:47

Tgt Ion: 95 Resp: 3328
Ion Ratio Lower Upper
95 100
97 77.1 45.3 84.1
132 85.4 71.4 132.6
130 101.0 75.3 139.9

