

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV080620\
 Data File : VV017823.D
 Acq On : 06 Aug 2020 19:30
 Operator : SY/MD
 Sample : L3590-18
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F4L24

Quant Time: Aug 07 07:03:34 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	227965	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	222563	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	125571	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	40566	36.49	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	72.98%
7) Chloroethane-d5	1.58	69	40014	42.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	84.32%
11) 1,1-Dichloroethene-d2	2.12	63	81443	30.49	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	60.98%
21) 2-Butanone-d5	3.90	46	74515	89.14	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	89.14%
24) Chloroform-d	4.38	84	134378	44.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.46%
26) 1,2-Dichloroethane-d4	5.06	65	105103	47.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.72%
32) Benzene-d6	5.08	84	226153	42.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.90%
36) 1,2-Dichloropropane-d6	6.09	67	61296	42.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	84.30%
41) Toluene-d8	7.34	98	223609	43.31	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.62%
43) trans-1,3-Dichloropropene-	7.64	79	34055	35.43	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.86%
47) 2-Hexanone-d5	8.11	63	53970	86.34	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	86.34%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	93951	42.79	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	85.58%
64) 1,2-Dichlorobenzene-d4	11.65	152	117667	47.74	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.48%

Target Compounds

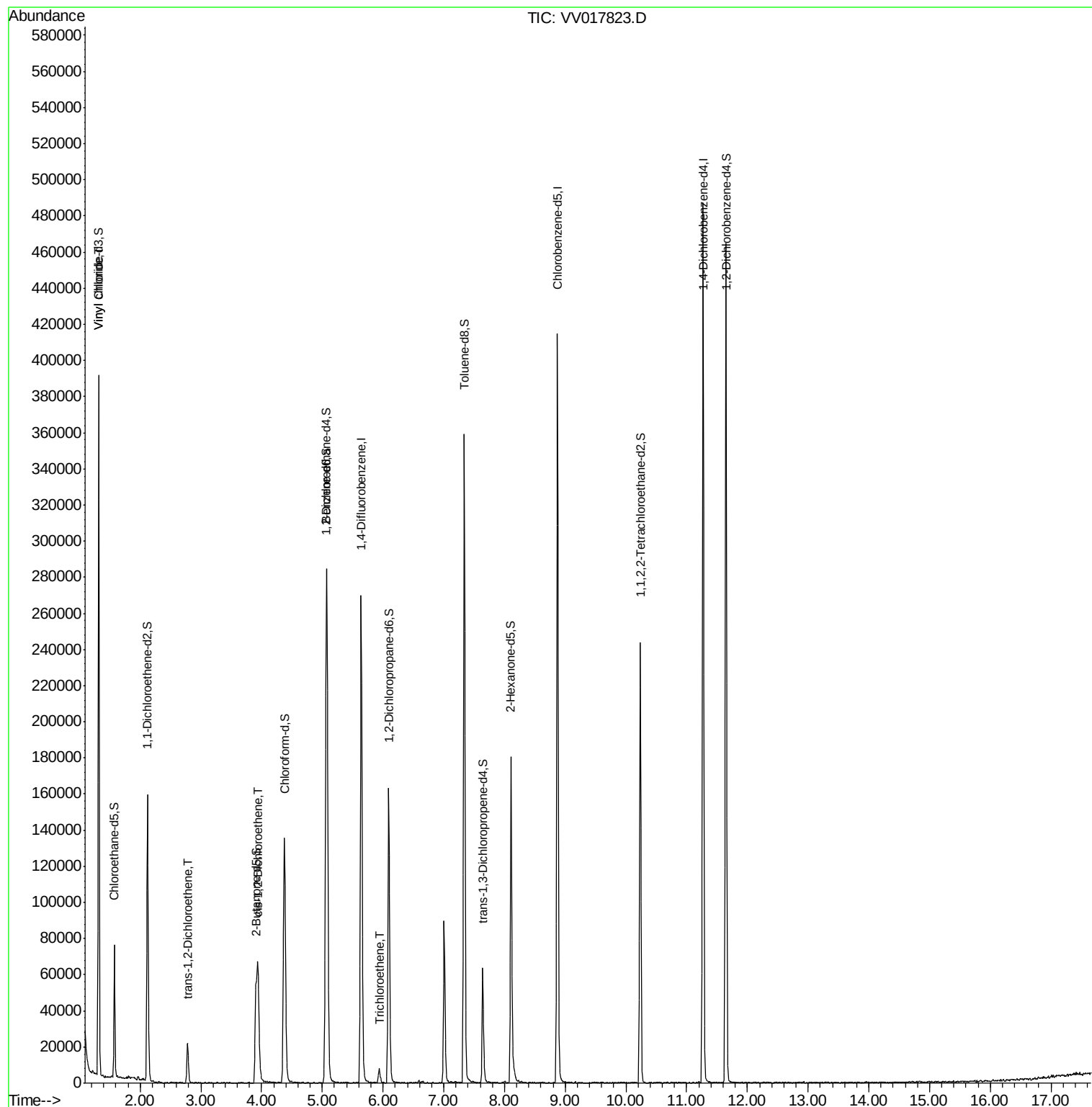
					Ovalue
5) Vinyl chloride	1.32	62	181537	112.254	ug/L 100
17) trans-1,2-Dichloroethene	2.78	96	8389	5.423	ug/L 90
20) cis-1,2-Dichloroethene	3.94	96	30487	18.450	ug/L 91
34) Trichloroethene	5.94	95	1183	0.690	ug/L 84

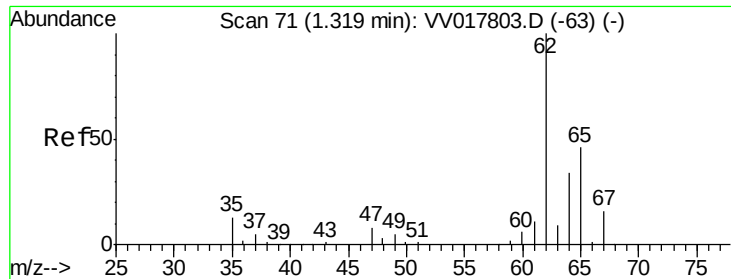
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 112.254 ug/L

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VV017823.D

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Instrument :

MSVOA_V

ClientSampled :

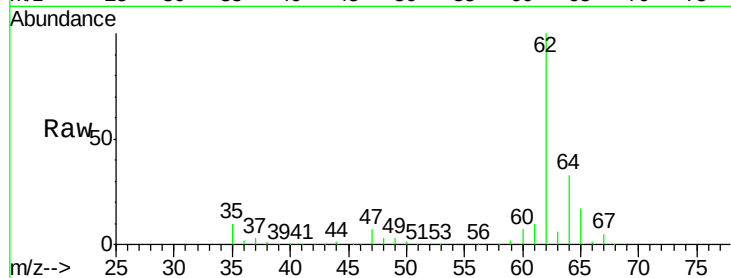
F4L24

Tot Ion: 62 Resp: 181537

Ion Ratio Lower Upper

62 100

64 32.6 22.9 42.5



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.00 (63.70 to 64.70): VV0

1.32

200000

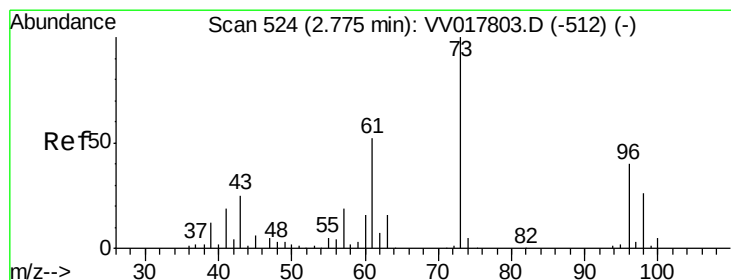
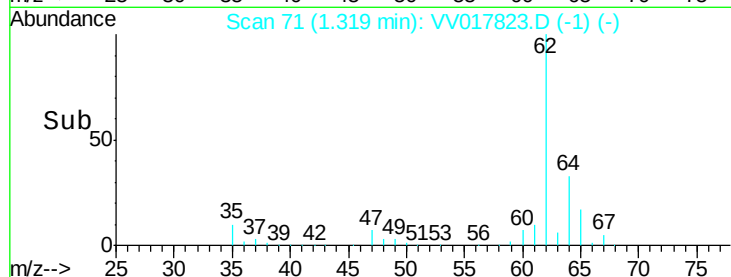
150000

100000

50000

0

Time-->



#17

trans-1,2-Dichloroethene

Concen: 5.423 ug/L

RT: 2.78 min Scan# 526

Delta R.T. 0.01 min

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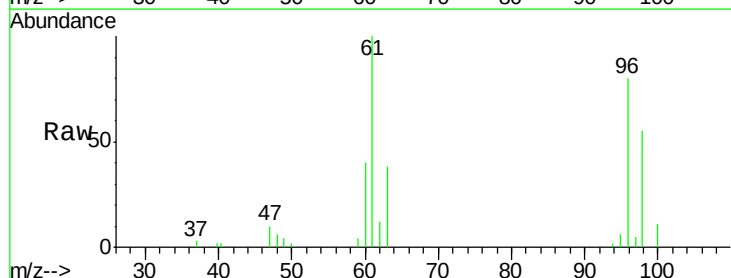
Tgt Ion: 96 Resp: 8389

Ion Ratio Lower Upper

96 100

61 125.7 96.2 178.8

98 69.8 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

8000

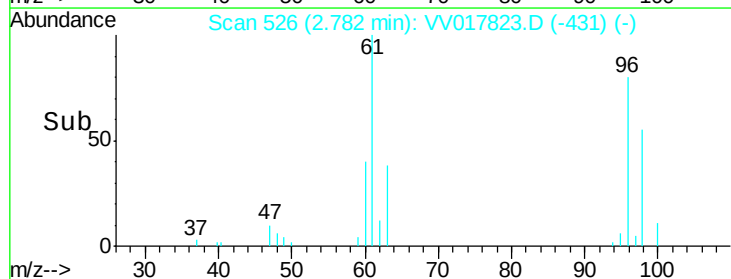
6000

4000

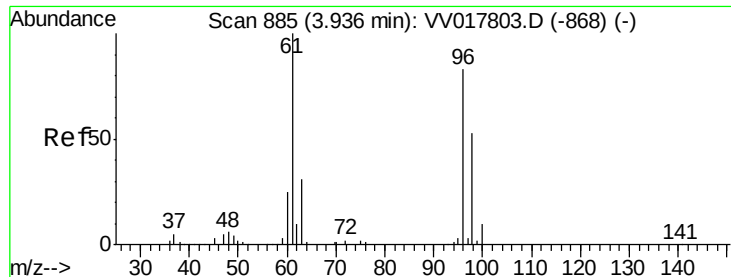
2000

0

Time-->



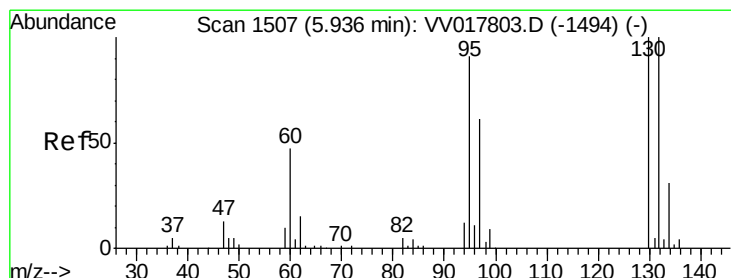
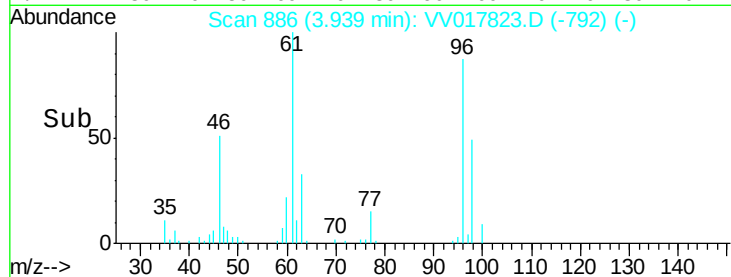
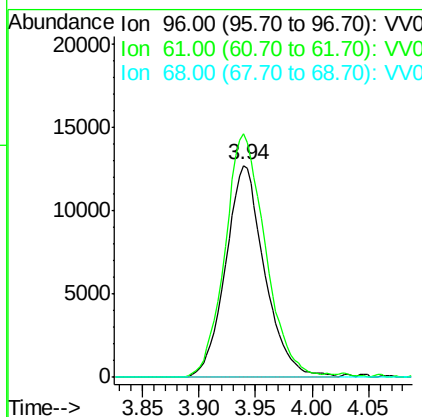
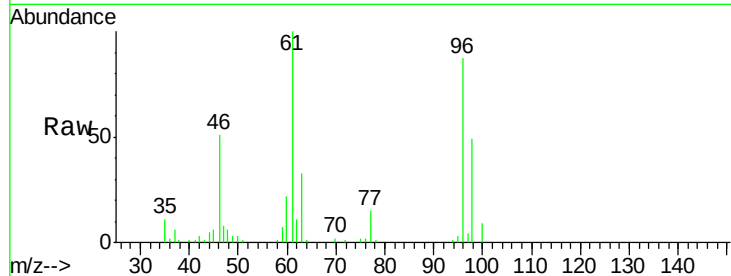
Time-->



#20
 cis-1,2-Dichloroethene
 Concen: 18.450 ug/L
 RT: 3.94 min Scan# 886
 Delta R.T. 0.00 min
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 F4L24

Tot Ion: 96 Resp: 30487
 Ion Ratio Lower Upper
 96 100
 61 114.8 87.3 162.1
 68 0.0 0.0 0.0



#34
 Trichloroethene
 Concen: 0.690 ug/L
 RT: 5.94 min Scan# 1509
 Delta R.T. 0.01 min
 Lab File: VV017823.D
 Acq: 06 Aug 2020 19:30

Tgt Ion: 95 Resp: 1183
 Ion Ratio Lower Upper
 95 100
 97 51.1 45.3 84.1
 132 80.3 71.4 132.6
 130 98.3 75.3 139.9

