

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV080620\
 Data File : VV017822.D
 Acq On : 06 Aug 2020 19:06
 Operator : SY/MD
 Sample : L3590-17
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F4L22

Quant Time: Aug 07 07:00:44 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	229082	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	223622	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	124733	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	43805	39.21	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	78.42%
7) Chloroethane-d5	1.58	69	39926	41.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	83.72%
11) 1,1-Dichloroethene-d2	2.12	63	84947	31.64	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.28%
21) 2-Butanone-d5	3.91	46	74401	88.57	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	88.57%
24) Chloroform-d	4.38	84	136003	44.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.10%
26) 1,2-Dichloroethane-d4	5.06	65	105417	47.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.54%
32) Benzene-d6	5.08	84	225054	42.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.08%
36) 1,2-Dichloropropane-d6	6.09	67	59893	40.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	81.98%
41) Toluene-d8	7.34	98	229968	44.33	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.66%
43) trans-1,3-Dichloropropene-	7.64	79	35745	37.02	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.04%
47) 2-Hexanone-d5	8.11	63	54987	87.56	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	87.56%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	95440	43.26	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.52%
64) 1,2-Dichlorobenzene-d4	11.65	152	121117	49.47	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.94%

Target Compounds

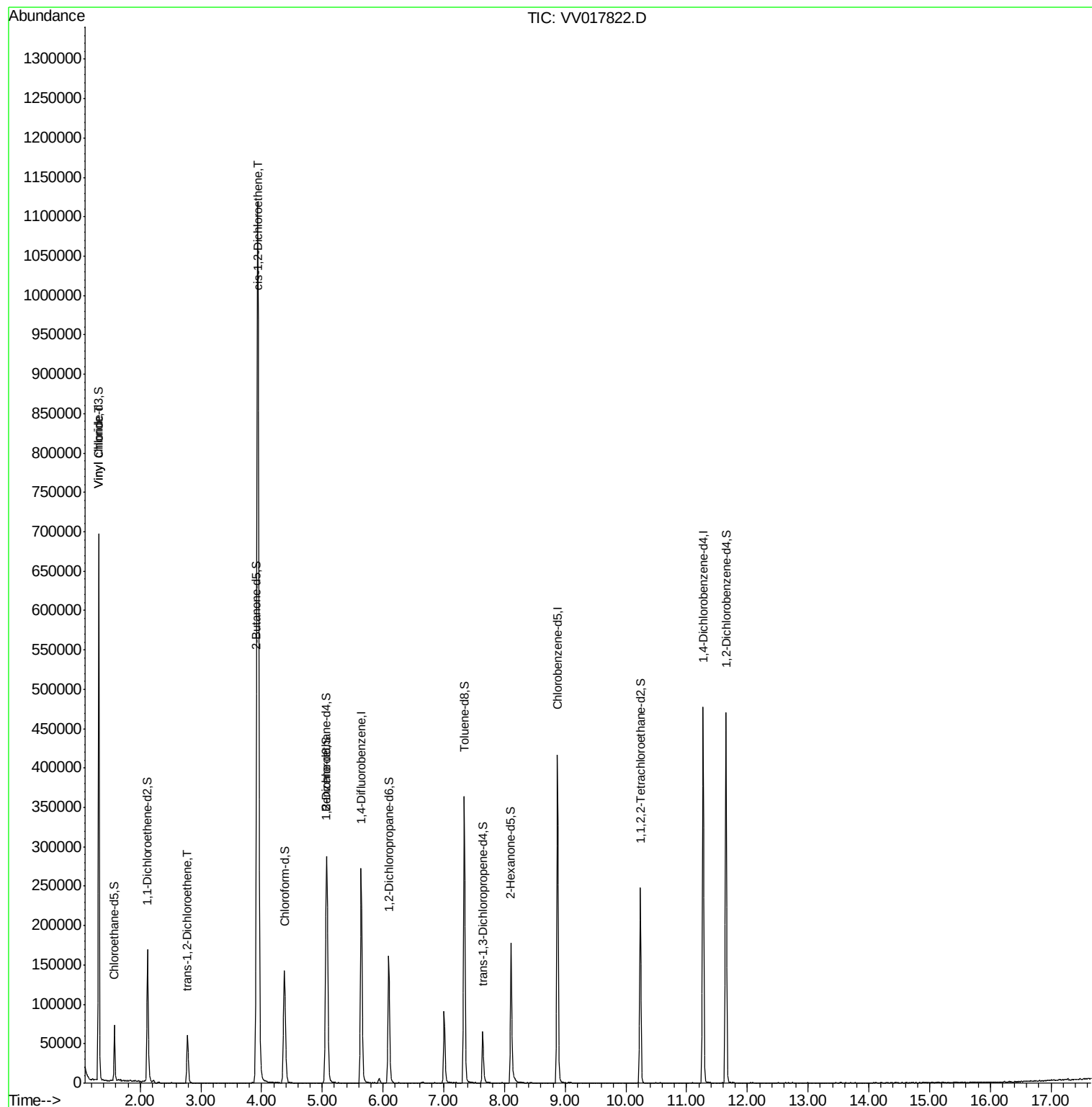
					Ovalue
5) Vinyl chloride	1.32	62	361644	222.534	ug/L 99
17) trans-1,2-Dichloroethene	2.78	96	22314	14.353	ug/L 96
20) cis-1,2-Dichloroethene	3.94	96	621831	374.472	ug/L 97

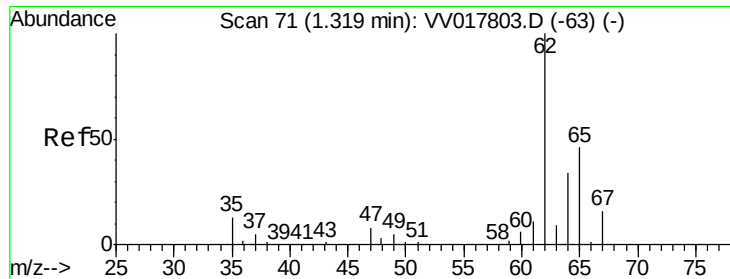
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 222.534 ug/L

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VV017822.D

Acq: 06 Aug 2020 19:06

Instrument :

MSVOA_V

ClientSampled :

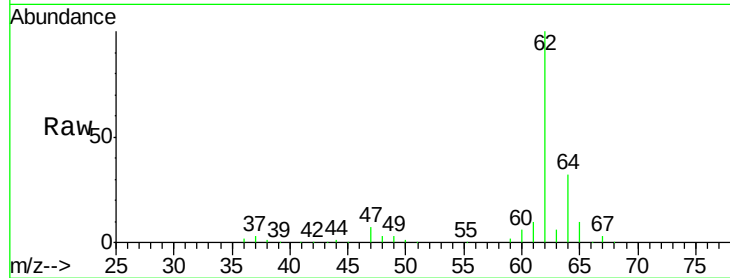
F4L22

Tot Ion: 62 Resp: 361644

Ion Ratio Lower Upper

62 100

64 32.3 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

400000

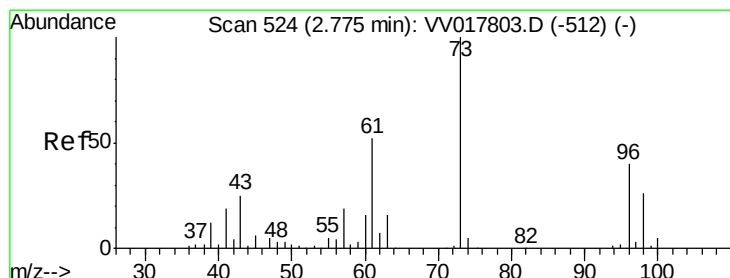
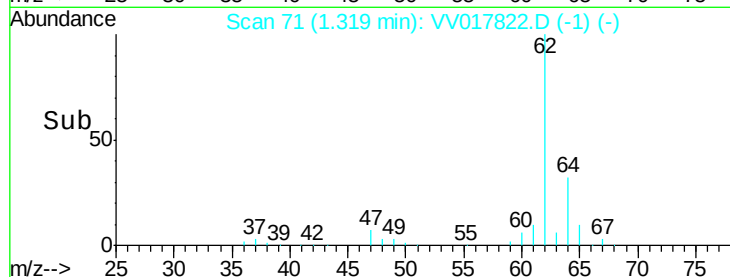
300000

200000

100000

0

Time-->



#17

trans-1,2-Dichloroethene

Concen: 14.353 ug/L

RT: 2.78 min Scan# 526

Delta R.T. 0.01 min

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Acq: 06 Aug 2020 19:06

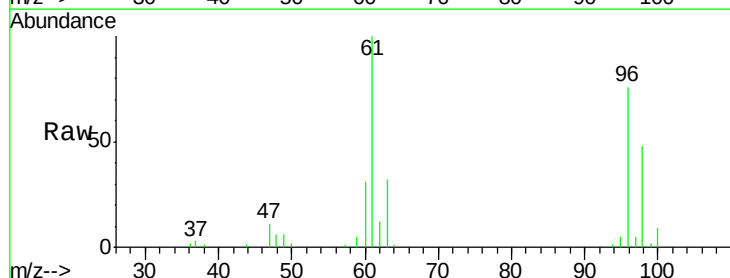
Tgt Ion: 96 Resp: 22314

Ion Ratio Lower Upper

96 100

61 132.3 96.2 178.8

98 63.5 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

20000

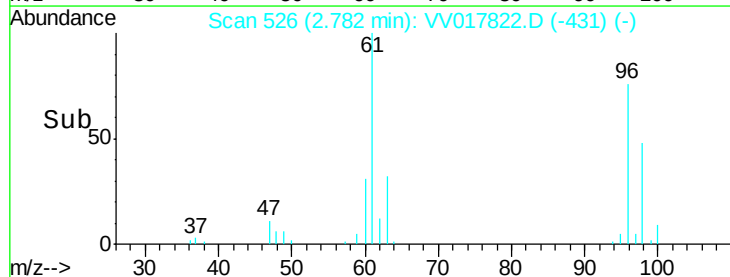
15000

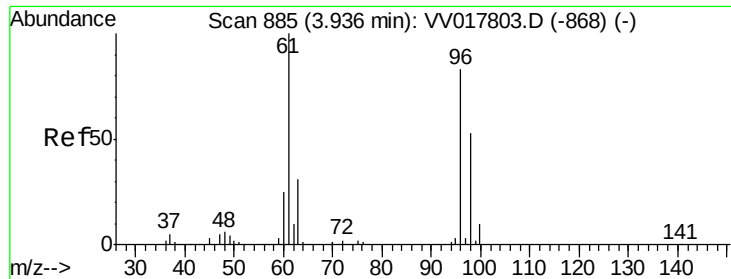
10000

5000

0

Time-->





#20
 cis-1,2-Dichloroethene
 Concen: 374.472 ug/L
 RT: 3.94 min Scan# 885
 Delta R.T. 0.00 min
 Lab File: VV017822.D
 Acq: 06 Aug 2020 19:06

Instrument :
 MSVOA_V
 ClientSampleId :
 F4L22

Tot Ion: 96 Resp: 621831
 Ion Ratio Lower Upper
 96 100
 61 121.8 87.3 162.1
 68 0.0 0.0 0.0

