

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV080720\
 Data File : VV017835.D
 Acq On : 07 Aug 2020 13:19
 Operator : SY/MD
 Sample : L3590-17DL 5X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F4L22DL

Quant Time: Aug 08 01:12:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM073020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Aug 08 00:22:47 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	231941	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	232254	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	126688	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	45227	39.99	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.98%
7) Chloroethane-d5	1.58	69	43686	45.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.48%
11) 1,1-Dichloroethene-d2	2.12	63	92790	34.14	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.28%
21) 2-Butanone-d5	3.91	46	77972	91.68	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.68%
24) Chloroform-d	4.38	84	149286	48.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.60%
26) 1,2-Dichloroethane-d4	5.06	65	116931	51.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.58%
32) Benzene-d6	5.08	84	246329	44.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.66%
36) 1,2-Dichloropropane-d6	6.09	67	67499	44.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.96%
41) Toluene-d8	7.34	98	250382	46.47	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.94%
43) trans-1,3-Dichloropropene-	7.64	79	41864	41.74	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.48%
47) 2-Hexanone-d5	8.11	63	54799	84.01	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	84.01%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	98474	42.98	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	85.96%
64) 1,2-Dichlorobenzene-d4	11.65	152	129262	51.98	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.96%

Target Compounds

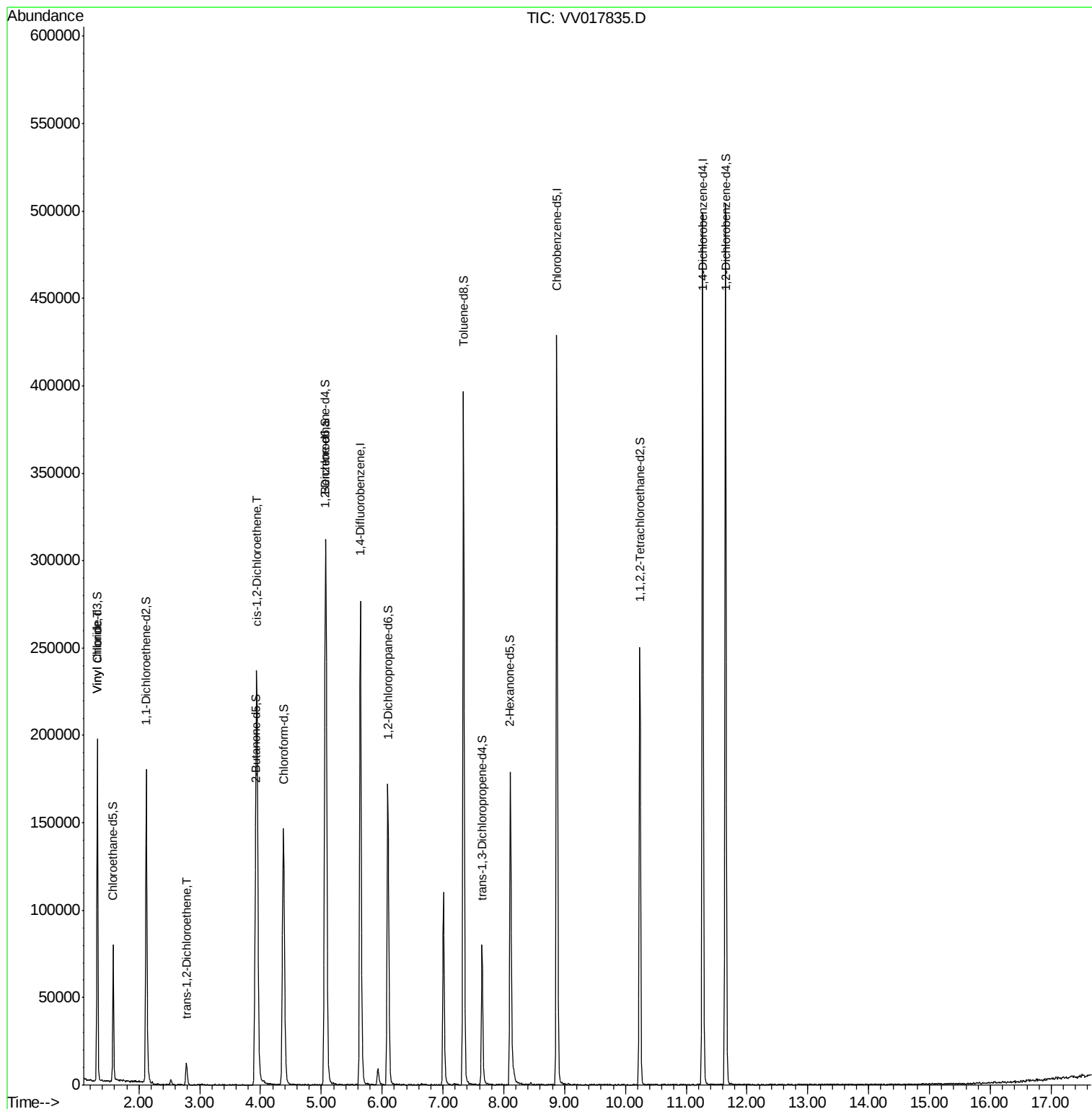
					Ovalue
5) Vinyl chloride	1.32	62	71922	43.711	ug/L 98
17) trans-1,2-Dichloroethene	2.78	96	4912	3.121	ug/L 86
20) cis-1,2-Dichloroethene	3.94	96	122666	72.960	ug/L 93

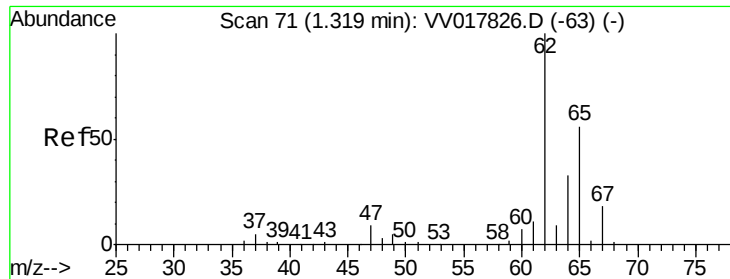
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 43.711 ug/L

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VV017835.D

Acq: 07 Aug 2020 13:19

Instrument :

MSVOA_V

ClientSampled :

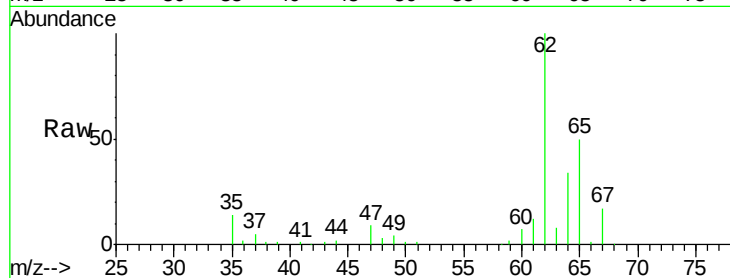
F4L22DL

Tot Ion: 62 Resp: 71922

Ion Ratio Lower Upper

62 100

64 33.7 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

80000

60000

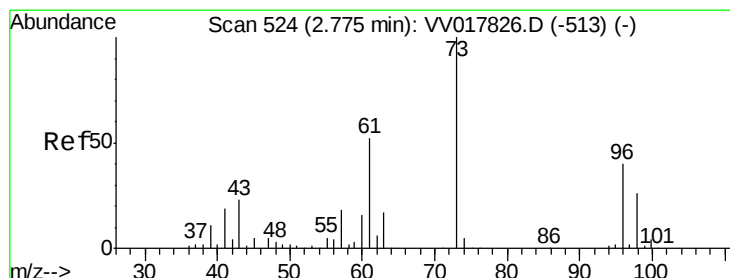
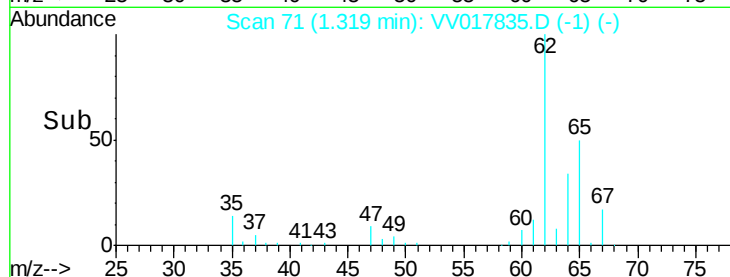
40000

20000

0

1.30 1.35

Time-->



#17

trans-1,2-Dichloroethene

Concen: 3.121 ug/L

RT: 2.78 min Scan# 526

Delta R.T. 0.01 min

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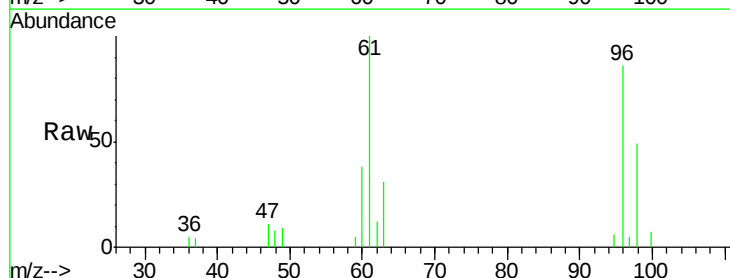
Tgt Ion: 96 Resp: 4912

Ion Ratio Lower Upper

96 100

61 115.9 96.2 178.8

98 56.8 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

4000

3000

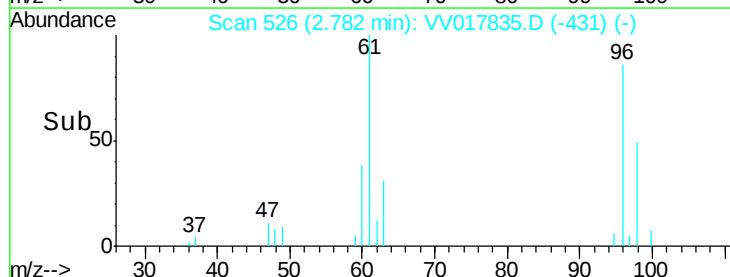
2000

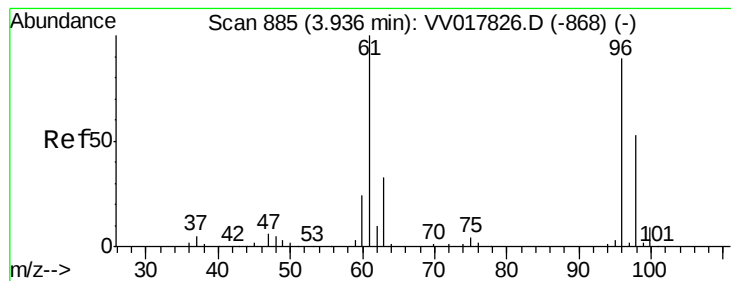
1000

0

2.75 2.80 2.85

Time-->





#20
 cis-1,2-Dichloroethene
 Concen: 72.960 ug/L
 RT: 3.94 min Scan# 886
 Delta R.T. 0.00 min
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 MSVOA_V
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 F4L22DL

Tot Ion: 96 Resp: 122666
 Ion Ratio Lower Upper
 96 100
 61 116.5 87.3 162.1
 68 0.0 0.0 0.0

