

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081420\
 Data File : VV017999.D
 Acq On : 14 Aug 2020 15:51
 Operator : SY/MD
 Sample : L3665-02DL 40X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F4L25DL

Quant Time: Aug 17 03:04:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Aug 17 01:31:40 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	247010	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	244488	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	113889	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	61838	32.81	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	65.62%
7) Chloroethane-d5	1.58	69	57914	37.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	75.12%
11) 1,1-Dichloroethene-d2	2.12	63	99739	27.67	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	55.34%#
21) 2-Butanone-d5	3.91	46	114833	93.03	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.03%
24) Chloroform-d	4.38	84	142535	41.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.10%
26) 1,2-Dichloroethane-d4	5.06	65	98725	44.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.60%
32) Benzene-d6	5.08	84	273225	40.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.10%
36) 1,2-Dichloropropane-d6	6.09	67	93373	42.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	84.78%
41) Toluene-d8	7.34	98	237342	39.17	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	78.34%#
43) trans-1,3-Dichloropropene-	7.64	79	40572	40.61	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.22%
47) 2-Hexanone-d5	8.11	63	54225	76.71	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	76.71%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	122155	42.59	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	85.18%
64) 1,2-Dichlorobenzene-d4	11.65	152	109119	48.68	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.36%

Target Compounds

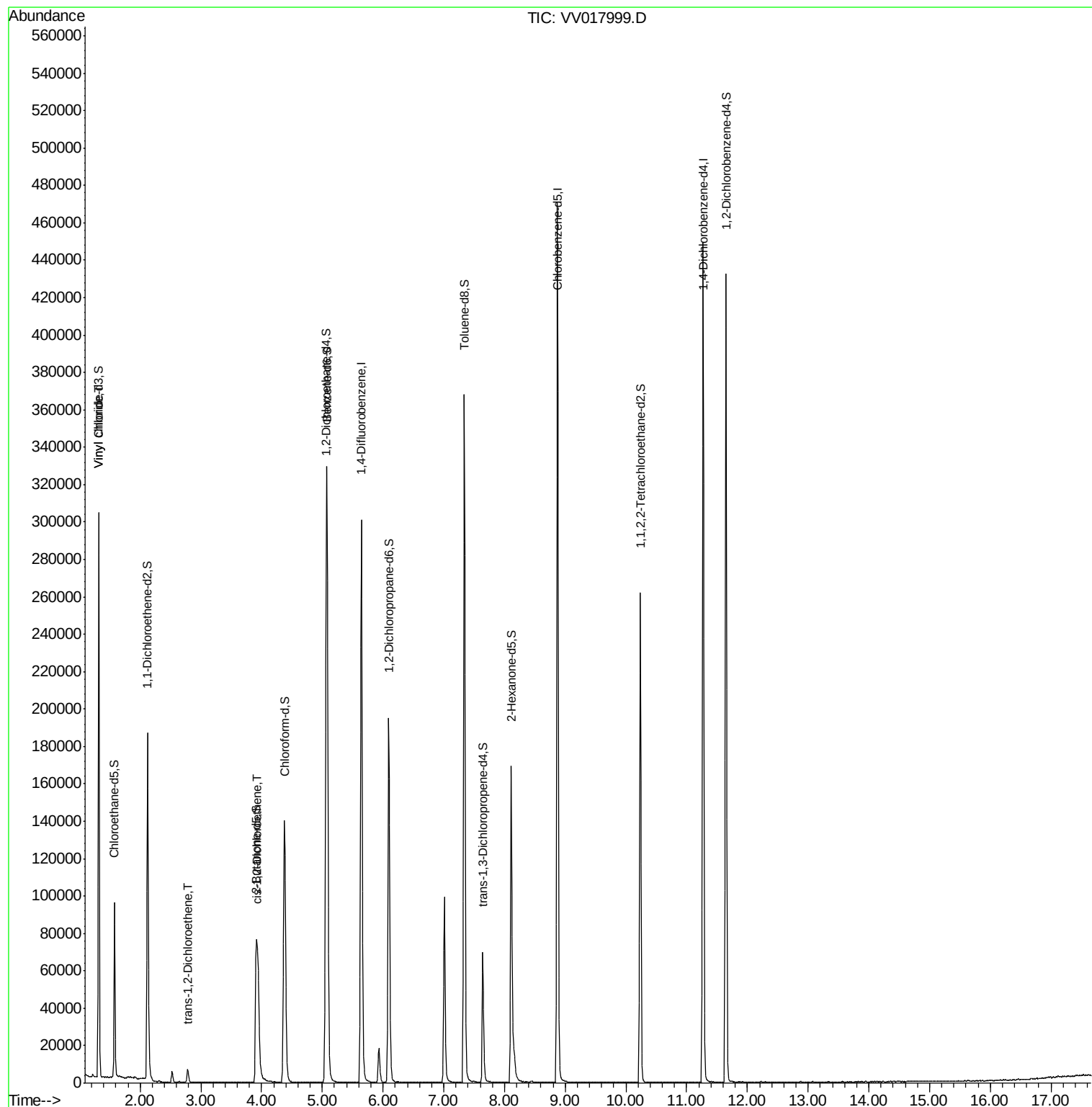
					Ovalue
5) Vinyl chloride	1.32	62	130952	59.664	ug/L 100
17) trans-1,2-Dichloroethene	2.78	96	2767	1.625	ug/L 95
20) cis-1,2-Dichloroethene	3.94	96	21373	11.419	ug/L 97

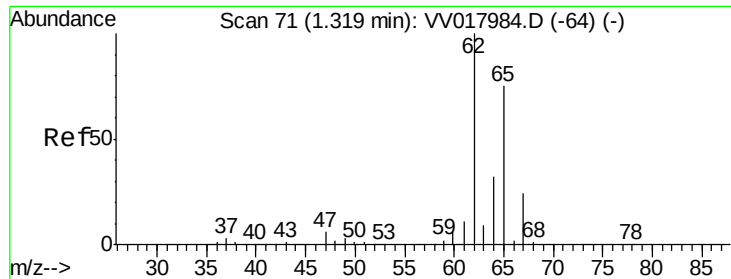
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 59.664 ug/L

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

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Acq: 14 Aug 2020 15:51

Instrument :

MSVOA_V

ClientSampleId :

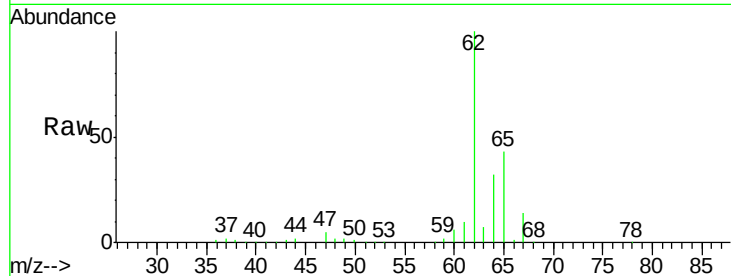
F4L25DL

Tot Ion: 62 Resp: 130952

Ion Ratio Lower Upper

62 100

64 31.9 22.4 41.6



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.00 (63.70 to 64.70): VV0

150000

100000

50000

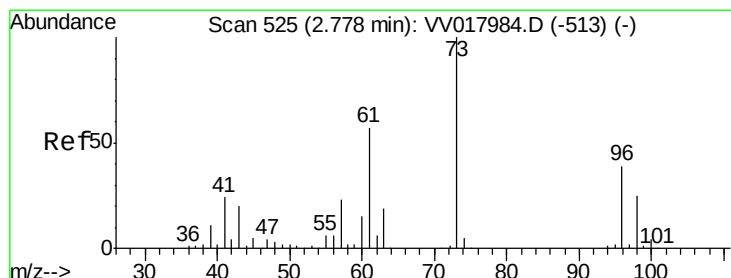
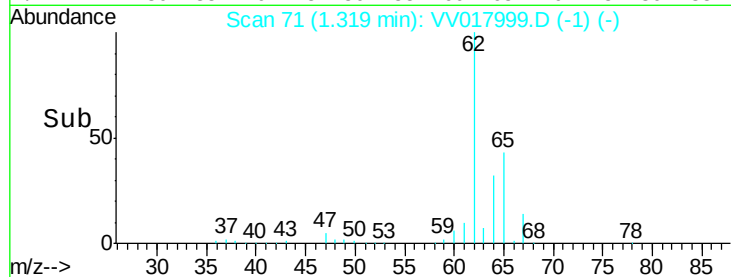
0

1.32

1.35

1.40

Time-->



#17

trans-1,2-Dichloroethene

Concen: 1.625 ug/L

RT: 2.78 min Scan# 527

Delta R.T. 0.01 min

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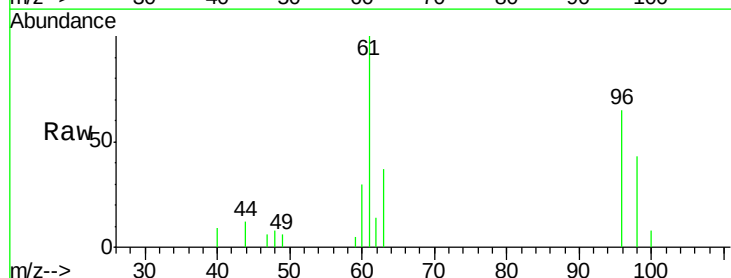
Tgt Ion: 96 Resp: 2767

Ion Ratio Lower Upper

96 100

61 153.0 102.4 190.2

98 65.6 44.4 82.5



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

3000

2500

2000

1500

1000

500

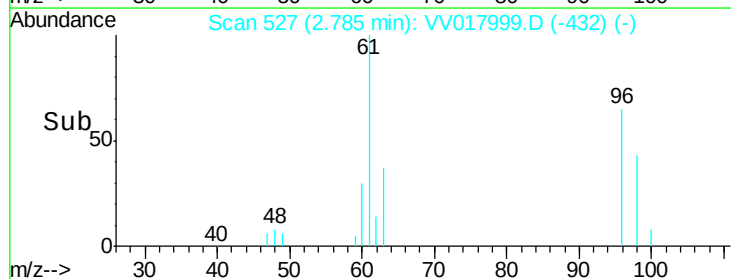
0

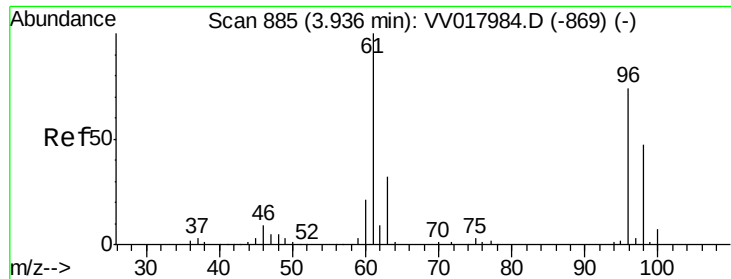
2.78

2.80

2.85

Time-->

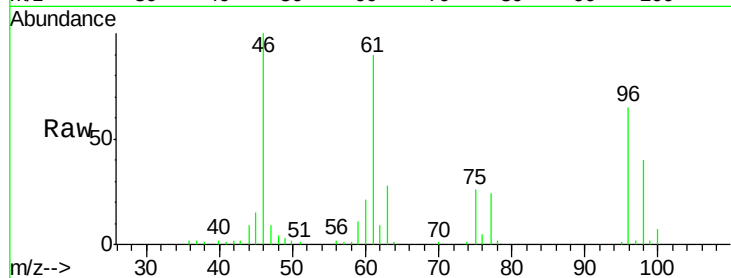




#20
 cis-1,2-Dichloroethene
 Concen: 11.419 ug/L
 RT: 3.94 min Scan# 887
 Delta R.T. 0.01 min
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Tot Ion: 96 Resp: 21373
 Ion Ratio Lower Upper
 96 100
 61 139.5 95.0 176.4
 68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VV0
 Ion 61.00 (60.70 to 61.70): VV0
 Ion 68.00 (67.70 to 68.70): VV0

