

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV080820\
 Data File : VV017874.D
 Acq On : 08 Aug 2020 23:16
 Operator : SY/MD
 Sample : L3608-08
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F2L79

Quant Time: Aug 10 06:46:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM080820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Aug 10 05:09:16 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	219350	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	213009	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	106037	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	60859	53.72	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	107.44%
7) Chloroethane-d5	1.58	69	48222	50.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	100.22%
11) 1,1-Dichloroethene-d2	2.12	63	102271	37.57	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.14%
21) 2-Butanone-d5	3.92	46	76717	108.15	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	108.15%
24) Chloroform-d	4.38	84	152319	51.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.56%
26) 1,2-Dichloroethane-d4	5.06	65	117571	54.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.96%
32) Benzene-d6	5.07	84	259475	52.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.50%
36) 1,2-Dichloropropane-d6	6.09	67	67781	54.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	108.70%
41) Toluene-d8	7.34	98	250686	50.71	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.42%
43) trans-1,3-Dichloropropene-	7.64	79	35598	44.33	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.66%
47) 2-Hexanone-d5	8.11	63	47299	104.71	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.71%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	99376	51.12	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.24%
64) 1,2-Dichlorobenzene-d4	11.65	152	117737	54.47	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.94%

Target Compounds

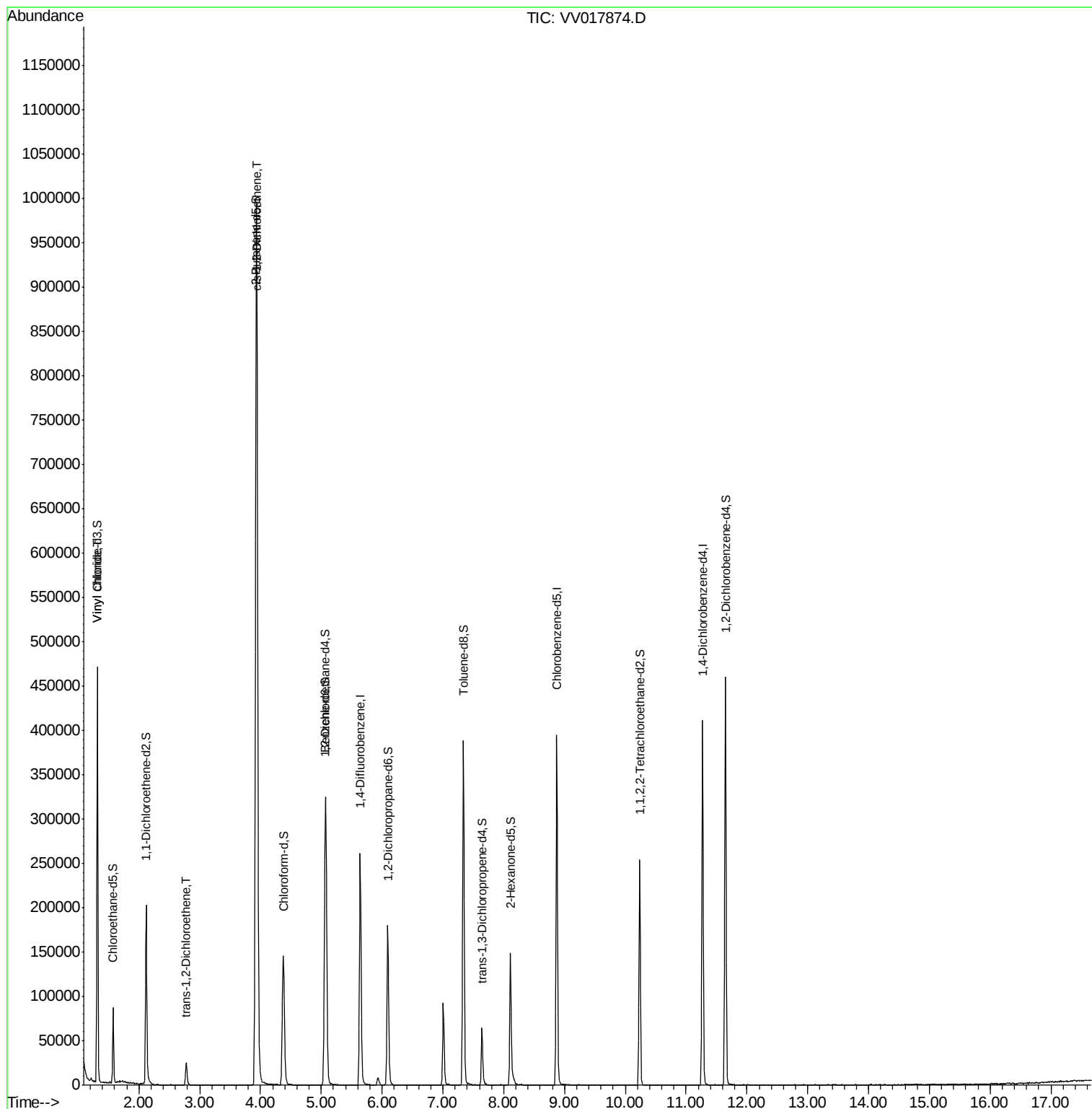
					Ovalue
5) Vinyl chloride	1.32	62	215471	168.123	ug/L 97
17) trans-1,2-Dichloroethene	2.78	96	9487	7.193	ug/L 96
20) cis-1,2-Dichloroethene	3.94	96	548202	384.831	ug/L 98

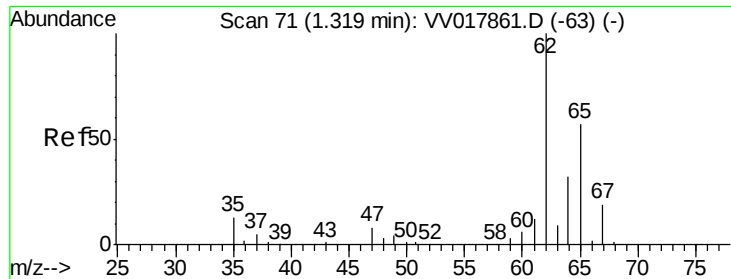
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 168.123 ug/L

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VV017874.D

Acq: 08 Aug 2020 23:16

Instrument :

MSVOA_V

ClientSampled :

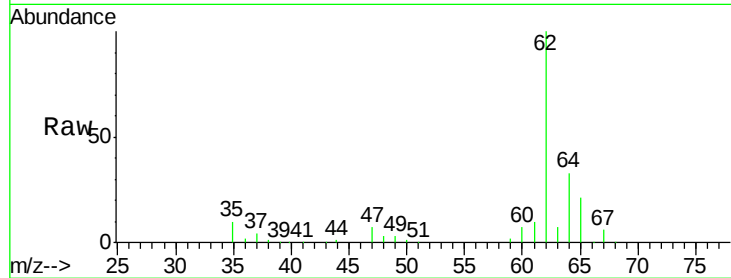
F2L79

Tot Ion: 62 Resp: 215471

Ion Ratio Lower Upper

62 100

64 32.6 24.0 44.6



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.00 (63.70 to 64.70): VV0

250000

200000

150000

100000

50000

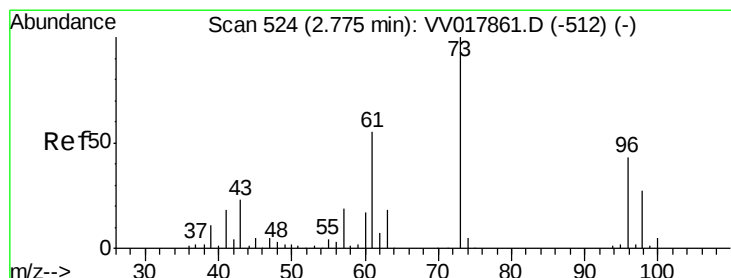
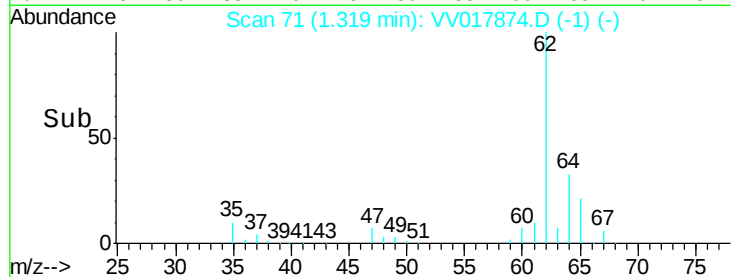
0

1.30

1.32

1.35

Time-->



#17

trans-1,2-Dichloroethene

Concen: 7.193 ug/L

RT: 2.78 min Scan# 526

Delta R.T. 0.01 min

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Acq: 08 Aug 2020 23:16

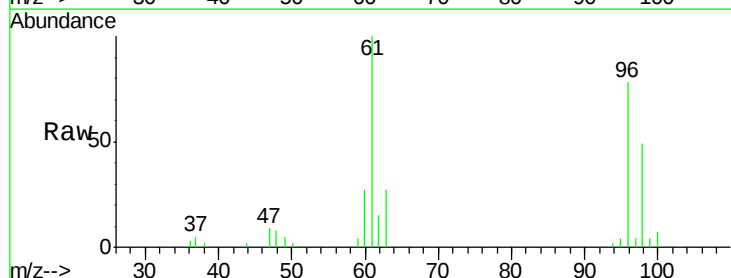
Tgt Ion: 96 Resp: 9487

Ion Ratio Lower Upper

96 100

61 128.3 92.4 171.6

98 63.5 47.5 88.1



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

10000

8000

6000

4000

2000

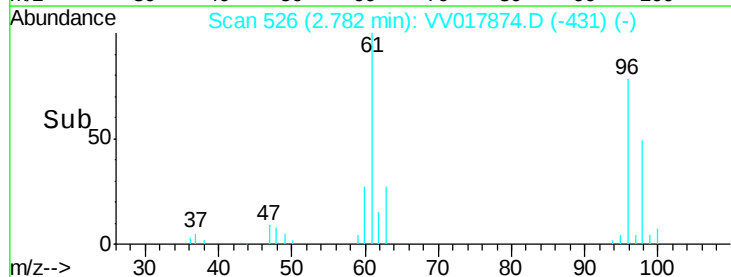
0

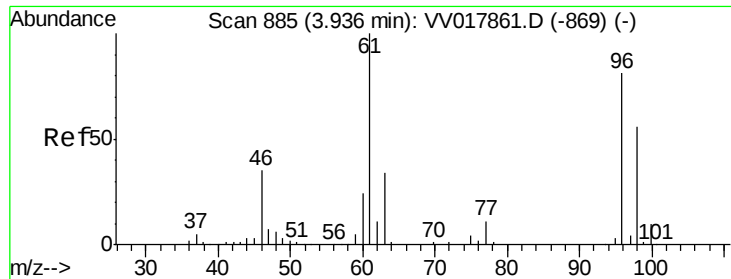
2.75

2.78

2.85

Time-->





#20
 cis-1,2-Dichloroethene
 Concen: 384.831 ug/L
 RT: 3.94 min Scan# 885
 Delta R.T. 0.00 min
 Lab File: VV017874.D
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 MSVOA_V
 ClientSampleId :
 F2L79

Tot Ion: 96 Resp: 548202
 Ion Ratio Lower Upper
 96 100
 61 118.3 84.4 156.8
 68 0.0 0.0 0.0

