

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV101220\
 Data File : VV018857.D
 Acq On : 12 Oct 2020 15:31
 Operator : SY/MD
 Sample : L4287-19
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AG6

Quant Time: Oct 13 02:24:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM100820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Oct 13 01:02:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	340195	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	309166	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	144904	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	139633	45.17	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.34%
7) Chloroethane-d5	1.58	69	110712	44.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.00%
11) 1,1-Dichloroethene-d2	2.12	63	196644	33.00	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.00%
21) 2-Butanone-d5	3.90	46	169839	89.48	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	89.48%
24) Chloroform-d	4.38	84	222560	40.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.62%
26) 1,2-Dichloroethane-d4	5.06	65	168485	45.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.16%
32) Benzene-d6	5.07	84	486397	48.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.78%
36) 1,2-Dichloropropane-d6	6.09	67	156203	48.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.30%
41) Toluene-d8	7.34	98	423734	47.98	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.96%
43) trans-1,3-Dichloropropene-	7.64	79	71006	44.78	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.56%
47) 2-Hexanone-d5	8.11	63	97656	85.88	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	85.88%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	161131	43.17	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.34%
64) 1,2-Dichlorobenzene-d4	11.65	152	155561	48.51	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.02%

Target Compounds

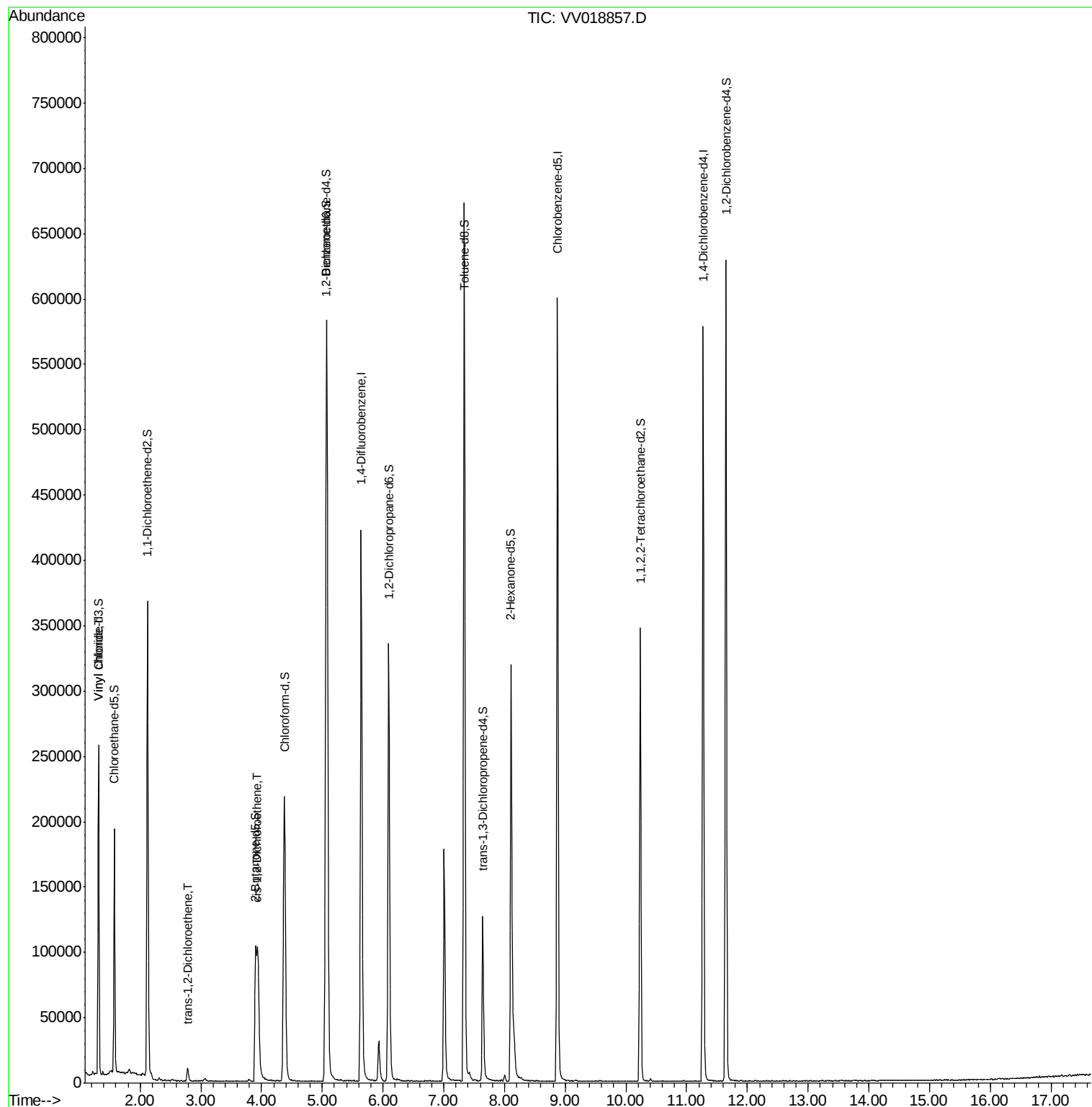
					Ovalue
5) Vinyl chloride	1.32	62	20067	6.681	ug/L 93
17) trans-1,2-Dichloroethene	2.78	96	3320	1.336	ug/L 91
20) cis-1,2-Dichloroethene	3.94	96	44273	16.856	ug/L 95

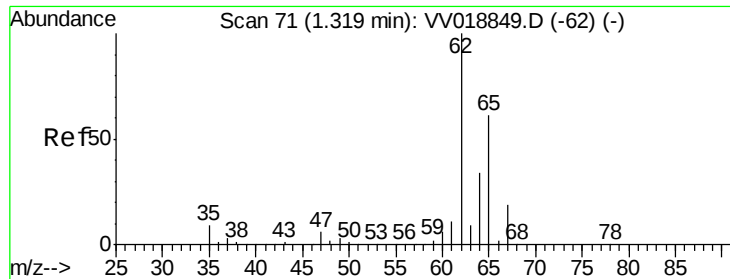
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 6.681 ug/L

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

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Instrument :

MSVOA_V

ClientSampleId :

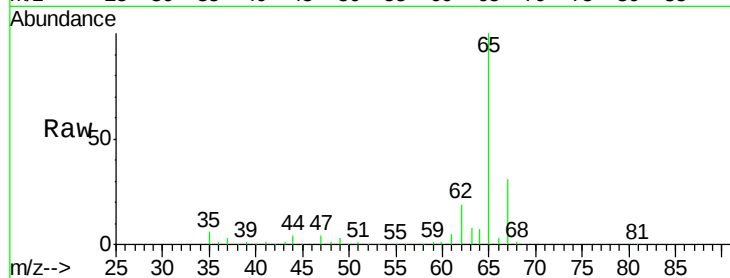
C0AG6

Tot Ion: 62 Resp: 20067

Ion Ratio Lower Upper

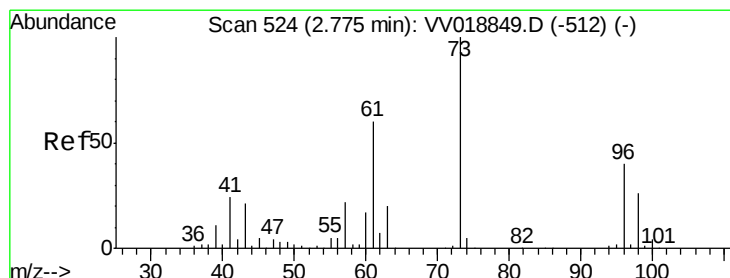
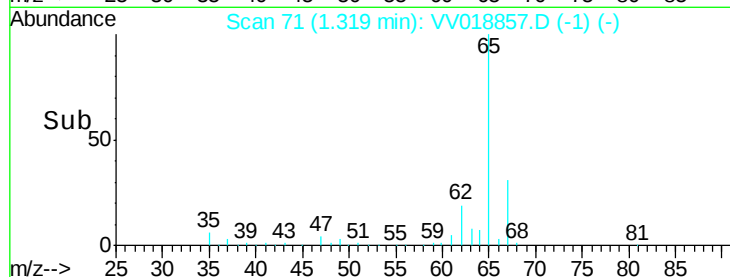
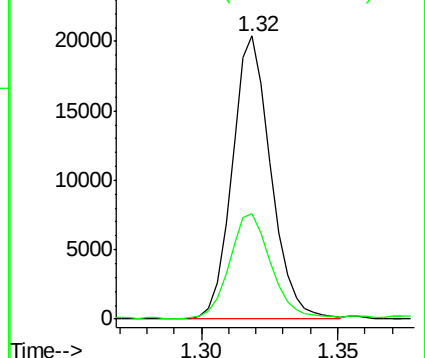
62 100

64 37.1 23.2 43.0



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.00 (63.70 to 64.70): VV0



#17

trans-1,2-Dichloroethene

Concen: 1.336 ug/L

RT: 2.78 min Scan# 526

Delta R.T. 0.01 min

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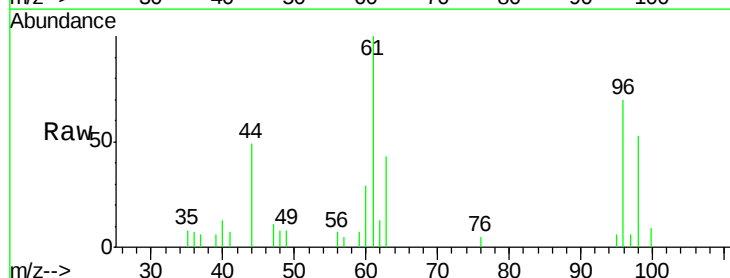
Tgt Ion: 96 Resp: 3320

Ion Ratio Lower Upper

96 100

61 142.6 105.7 196.3

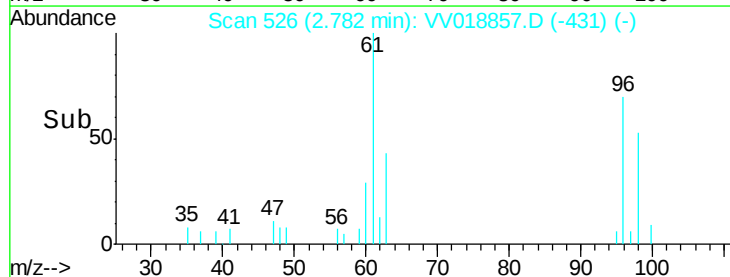
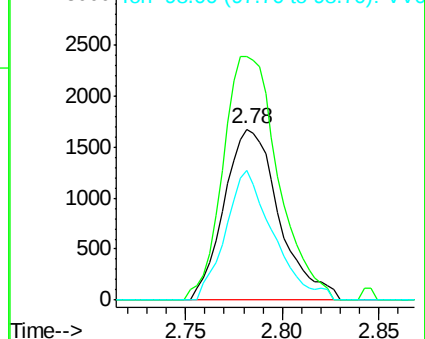
98 75.8 44.7 83.1

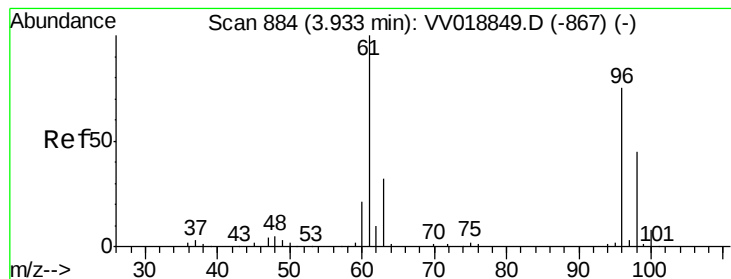


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 98.00 (97.70 to 98.70): VV0





#20
 cis-1,2-Dichloroethene
 Concen: 16.856 ug/L
 RT: 3.94 min Scan# 886
 Delta R.T. 0.01 min
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 C0AG6

Tot Ion: 96 Resp: 44273
 Ion Ratio Lower Upper
 96 100
 61 132.8 97.3 180.7
 68 0.0 0.0 0.0

