

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV101220\
 Data File : VV018855.D
 Acq On : 12 Oct 2020 14:43
 Operator : SY/MD
 Sample : L4289-03
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AB6

Quant Time: Oct 13 01:54:36 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	297031	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	287078	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	137201	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	141734	52.52	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	105.04%
7) Chloroethane-d5	1.58	69	112321	51.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	103.40%
11) 1,1-Dichloroethene-d2	2.12	63	203970	39.20	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.40%
21) 2-Butanone-d5	3.90	46	163594	98.72	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.72%
24) Chloroform-d	4.37	84	224598	47.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.34%
26) 1,2-Dichloroethane-d4	5.05	65	162723	50.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.82%
32) Benzene-d6	5.07	84	477627	51.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.40%
36) 1,2-Dichloropropane-d6	6.09	67	142894	47.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.86%
41) Toluene-d8	7.33	98	402277	49.05	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.10%
43) trans-1,3-Dichloropropene-	7.64	79	68427	46.47	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.94%
47) 2-Hexanone-d5	8.11	63	93311	88.38	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	88.38%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	160331	46.27	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.54%
64) 1,2-Dichlorobenzene-d4	11.65	152	161809	53.29	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.58%

Target Compounds

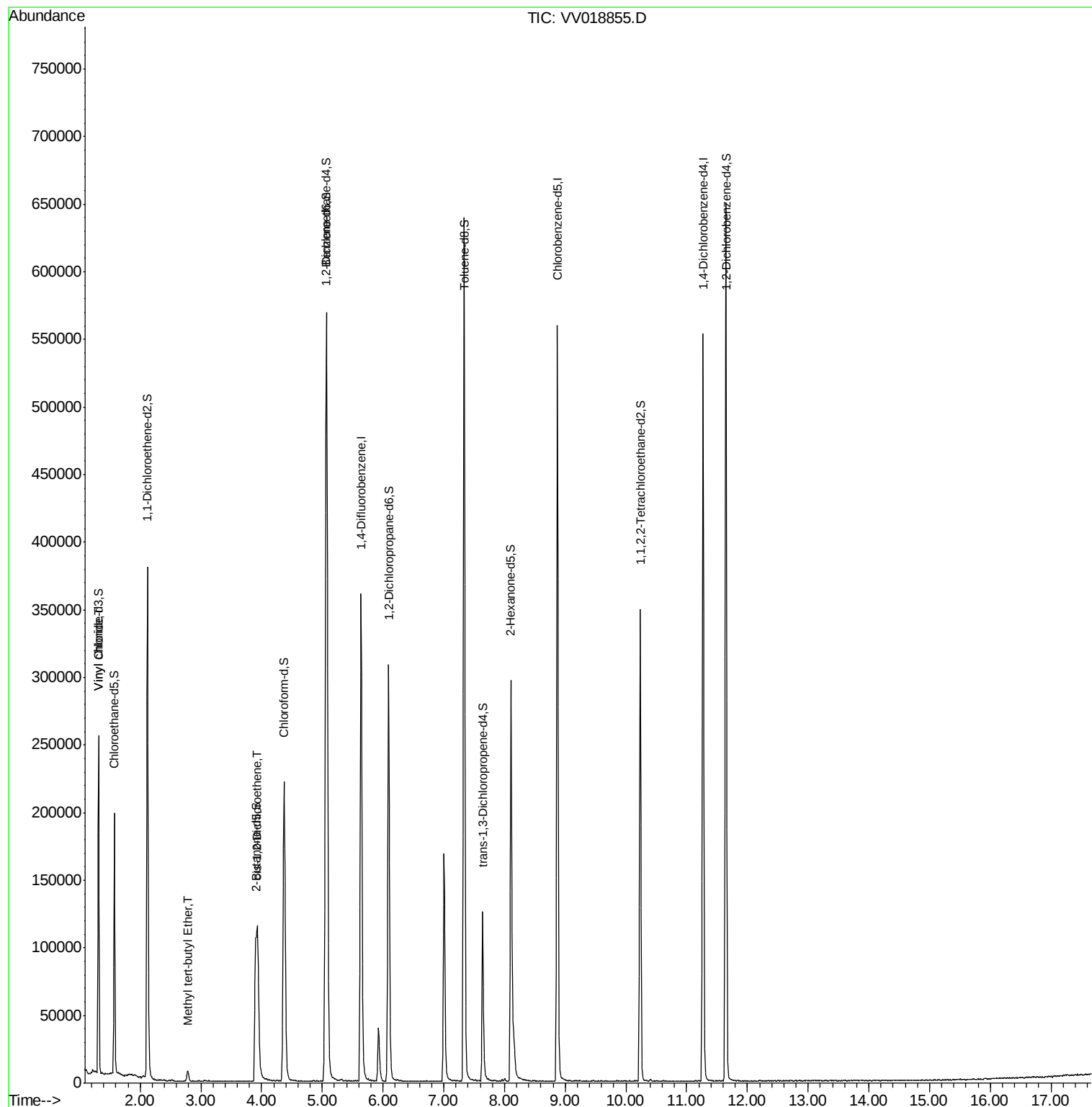
					Ovalue
5) Vinyl chloride	1.32	62	9429	3.595 ug/L #	70
18) Methyl tert-butyl Ether	2.78	73	6397	0.879 ug/L #	94
20) cis-1,2-Dichloroethene	3.94	96	47499	20.712 ug/L	99

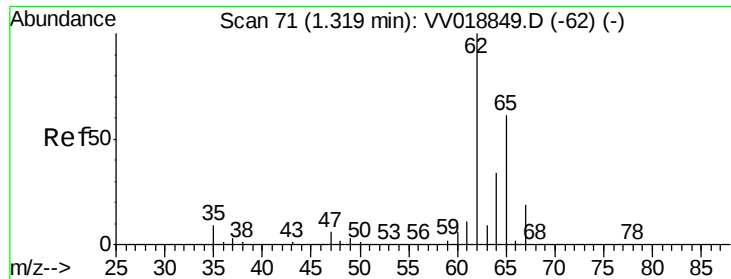
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 3.595 ug/L

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VV018855.D

Acq: 12 Oct 2020 14:43

Instrument :

MSVOA_V

ClientSampled :

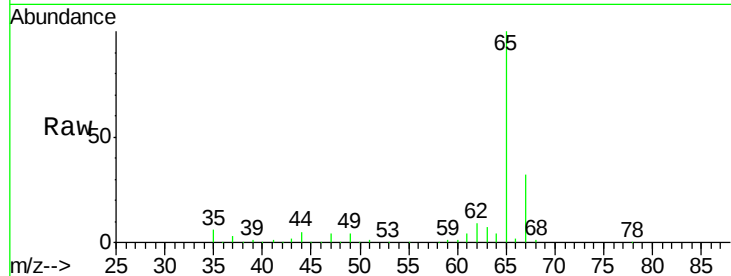
C0AB6

Tot Ion: 62 Resp: 9429

Ion Ratio Lower Upper

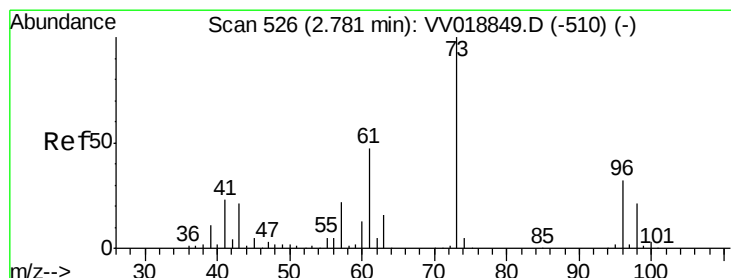
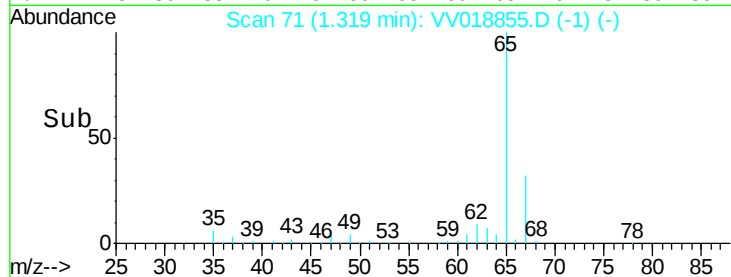
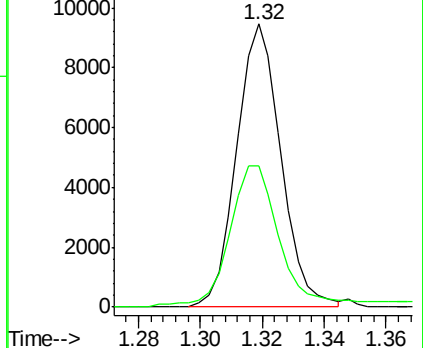
62 100

64 50.1 23.2 43.0#



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.00 (63.70 to 64.70): VV0



#18

Methyl tert-butyl Ether

Concen: 0.879 ug/L

RT: 2.78 min Scan# 527

Delta R.T. 0.00 min

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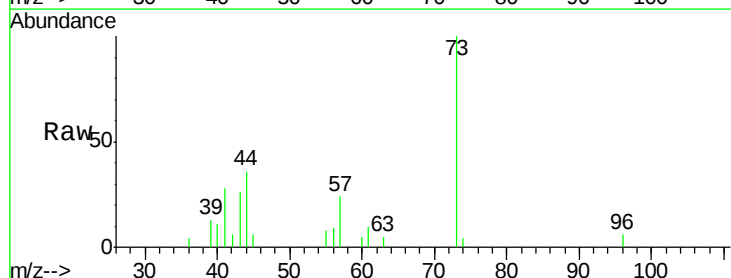
Tgt Ion: 73 Resp: 6397

Ion Ratio Lower Upper

73 100

43 26.4 17.3 25.9#

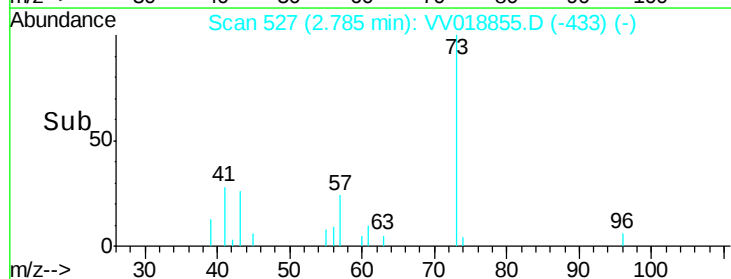
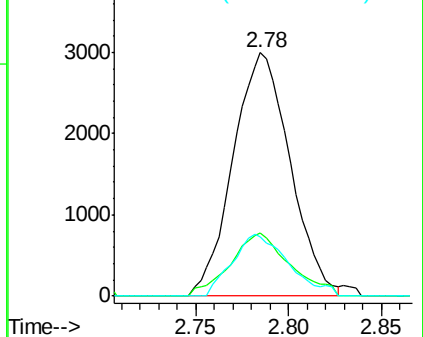
57 24.2 18.5 27.7

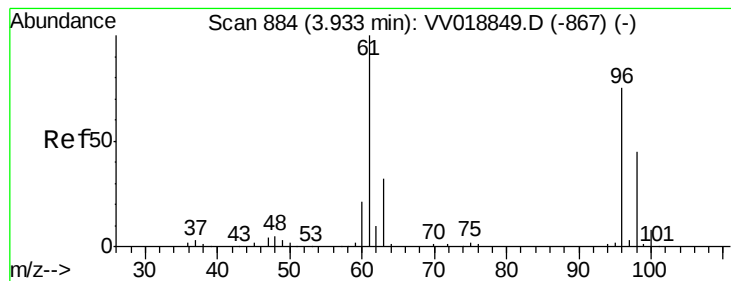


Abundance Ion 73.00 (72.70 to 73.70): VV0

Ion 43.00 (42.70 to 43.70): VV0

Ion 57.00 (56.70 to 57.70): VV0





#20

cis-1,2-Dichloroethene
 Concen: 20.712 ug/L
 RT: 3.94 min Scan# 885
 Delta R.T. 0.00 min
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Tot Ion	Ion	Ratio	Lower	Upper
96	100			
61	137.8	97.3	180.7	
68	0.0	0.0	0.0	

