

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV082219\
 Data File : VV012354.D
 Acq On : 22 Aug 2019 17:56
 Operator : SY/MD
 Sample : K4485-15
 Misc : 5mL/MSVOA V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F2B93

Quant Time: Aug 23 07:38:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM082119WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 23 06:55:48 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	173528	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	167595	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	74356	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	60486	73.62	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	147.24%#
7) Chloroethane-d5	1.58	69	28602	48.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.12%
11) 1,1-Dichloroethene-d2	2.13	63	58833	36.38	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.76%
21) 2-Butanone-d5	3.93	46	57391	89.62	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	89.62%
24) Chloroform-d	4.40	84	113878	48.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.54%
26) 1,2-Dichloroethane-d4	5.08	65	90273	56.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	112.12%
32) Benzene-d6	5.10	84	221684	49.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.20%
36) 1,2-Dichloropropane-d6	6.12	67	59413	49.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.32%
41) Toluene-d8	7.36	98	213756	49.07	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.14%
43) trans-1,3-Dichloropropene-	7.66	79	35616	47.85	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.70%
47) 2-Hexanone-d5	8.13	63	44401	89.01	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	89.01%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	83933	48.76	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.52%
64) 1,2-Dichlorobenzene-d4	11.67	152	91662	56.07	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	112.14%

Target Compounds

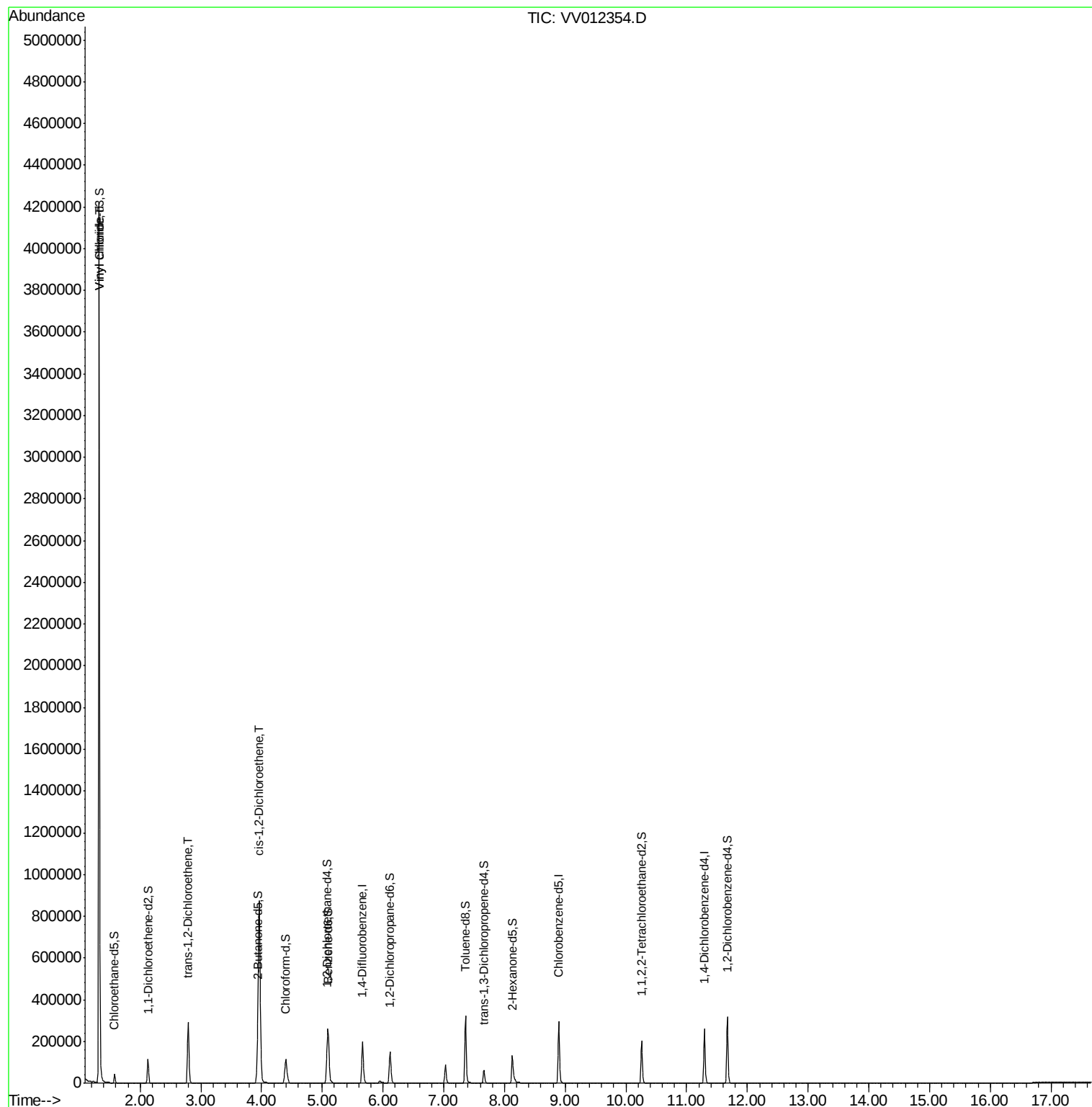
					Ovalue
5) Vinyl chloride	1.33	62	2433189	2903.261	ug/L 99
17) trans-1,2-Dichloroethene	2.79	96	110547	104.658	ug/L 99
20) cis-1,2-Dichloroethene	3.96	96	505930	430.429	ug/L 97

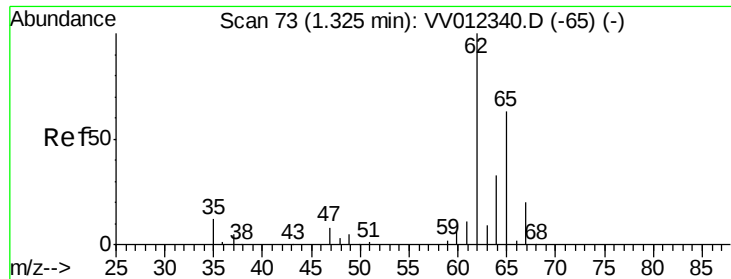
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 2903.261 ug/L

RT: 1.33 min Scan# 73

Delta R.T. -0.00 min

Lab File: VV012354.D

Acq: 22 Aug 2019 17:56

Instrument :

MSVOA_V

ClientSampled :

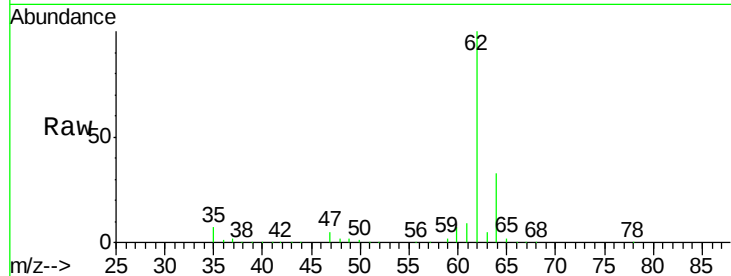
F2B93

Tot Ion: 62 Resp: 2433189

Ion Ratio Lower Upper

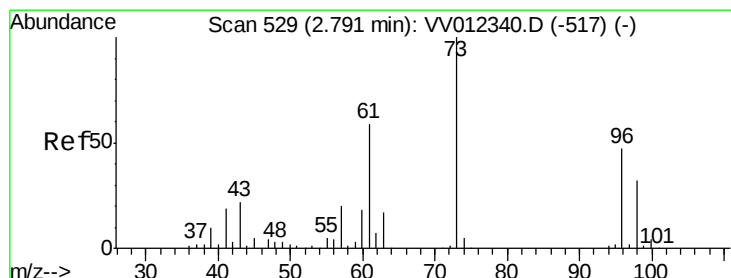
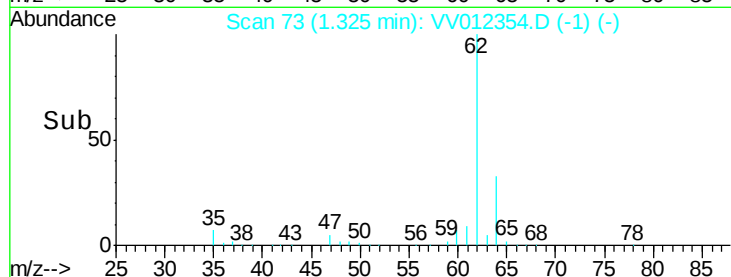
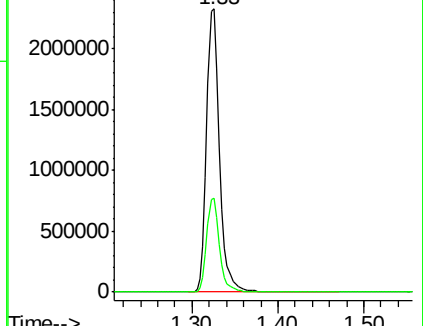
62 100

64 33.3 23.5 43.7



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: 104.658 ug/L

RT: 2.79 min Scan# 529

Delta R.T. -0.00 min

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Acq: 22 Aug 2019 17:56

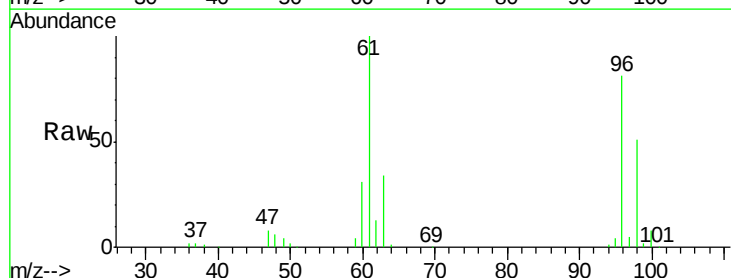
Tgt Ion: 96 Resp: 110547

Ion Ratio Lower Upper

96 100

61 123.7 87.0 161.6

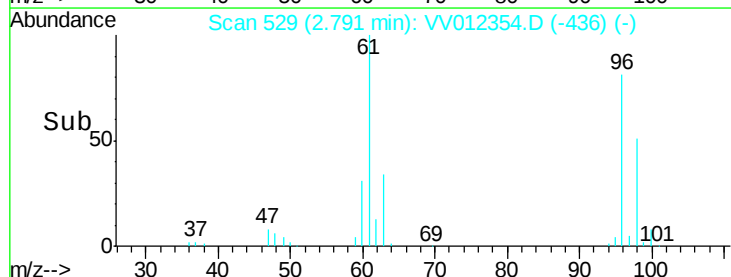
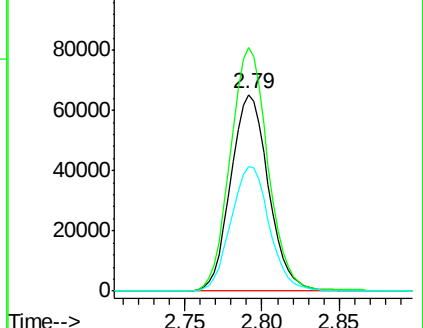
98 63.4 43.8 81.4

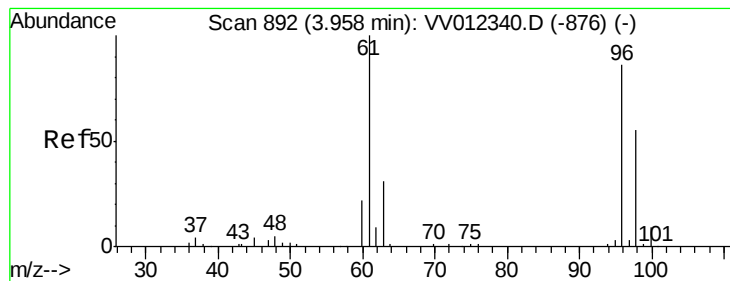


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 98.00 (97.70 to 98.70): VV0





#20
 cis-1,2-Dichloroethene
 Concen: 430.429 ug/L
 RT: 3.96 min Scan# 893
 Delta R.T. 0.00 min
 Lab File: VV012354.D
 Acq: 22 Aug 2019 17:56

Instrument :
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 ClientSampleId :
 F2B93

Tot Ion	Ion	Ratio	Lower	Upper
96	100			
61	116.8	84.4	156.7	
68	0.0	0.0	0.0	

