

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV082219\
 Data File : VV012356.D
 Acq On : 22 Aug 2019 18:45
 Operator : SY/MD
 Sample : K4485-17
 Misc : 5mL/MSVOA V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F2B95

Quant Time: Aug 28 08:53:12 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	175805	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	171178	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	79632	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	99465	119.50	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	239.00%#
7) Chloroethane-d5	1.58	69	26378	44.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.40%
11) 1,1-Dichloroethene-d2	2.13	63	61189	37.34	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.68%
21) 2-Butanone-d5	3.95	46	65159	100.43	ug/L	0.03
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.43%
24) Chloroform-d	4.40	84	114620	48.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.90%
26) 1,2-Dichloroethane-d4	5.08	65	89801	55.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	110.08%
32) Benzene-d6	5.10	84	216934	47.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.04%
36) 1,2-Dichloropropane-d6	6.12	67	57922	46.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.84%
41) Toluene-d8	7.36	98	211383	47.51	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.02%
43) trans-1,3-Dichloropropene-	7.66	79	35690	46.94	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.88%
47) 2-Hexanone-d5	8.13	63	45285	88.89	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	88.89%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	85840	48.83	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.66%
64) 1,2-Dichlorobenzene-d4	11.67	152	93228	53.25	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.50%

Target Compounds

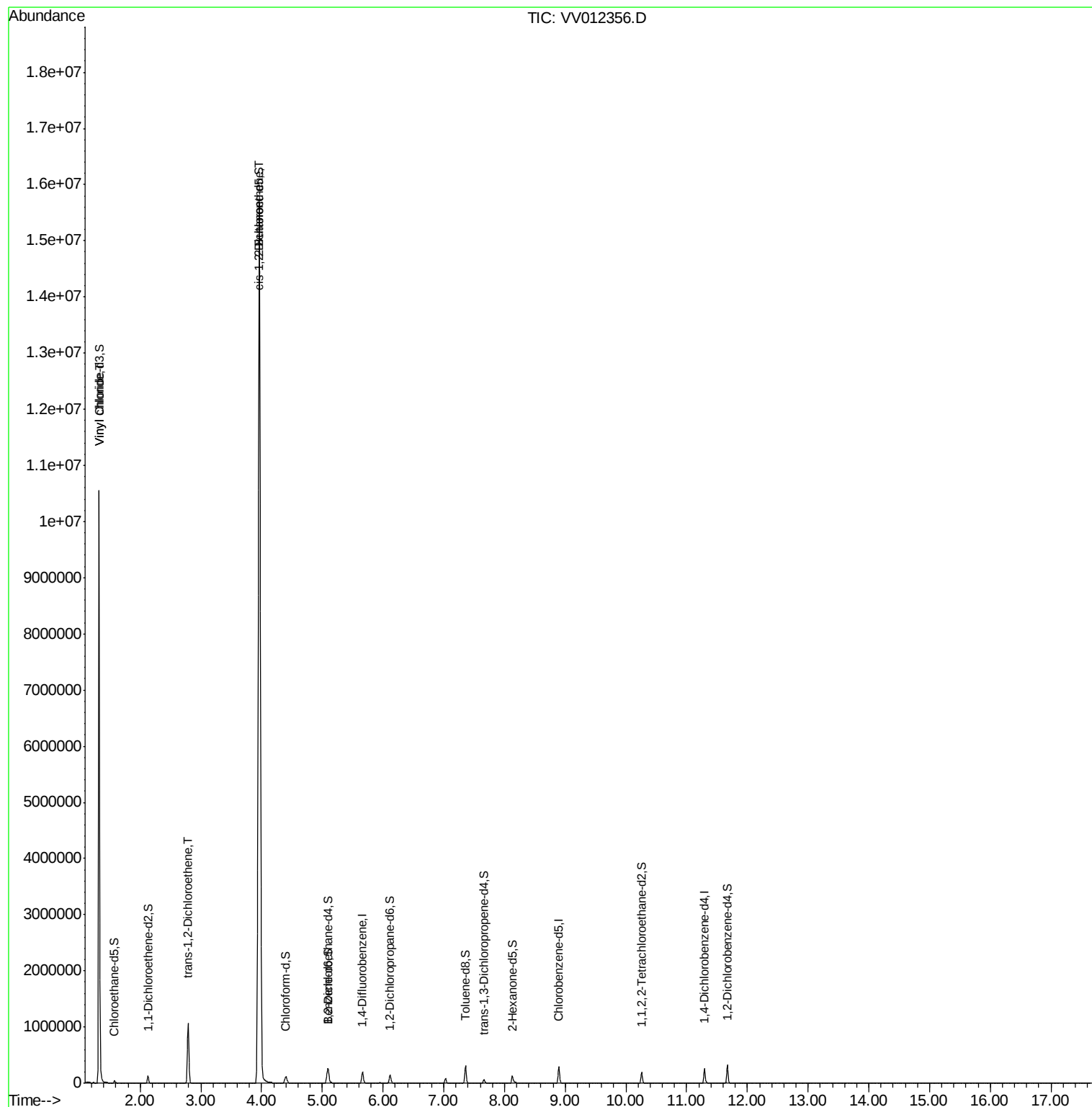
					Ovalue
5) Vinyl chloride	1.32	62	6697912	7888.383	ug/L 97
17) trans-1,2-Dichloroethene	2.79	96	406668	380.016	ug/L 97
20) cis-1,2-Dichloroethene	3.96	96	9047362	7597.508	ug/L 99

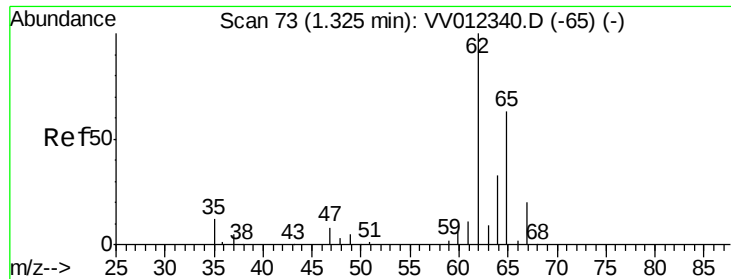
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 7888.383 ug/L

RT: 1.32 min Scan# 72

Delta R.T. -0.00 min

Lab File: VV012356.D

Acq: 22 Aug 2019 18:45

Instrument :

MSVOA_V

ClientSampled :

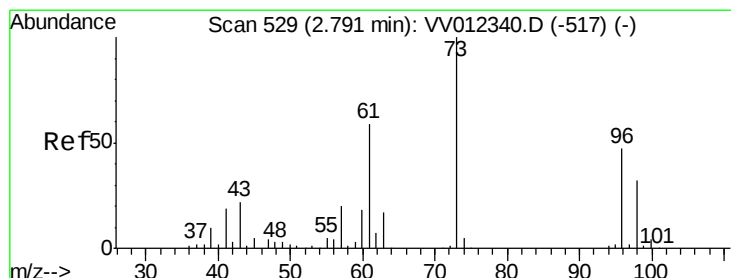
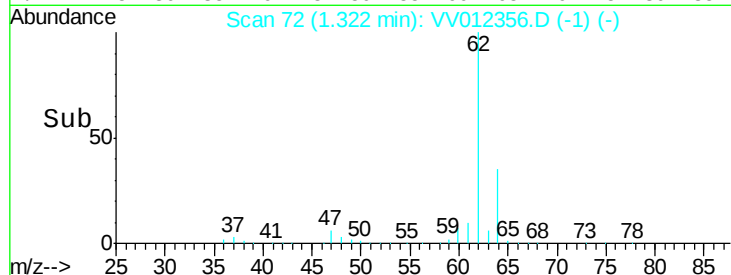
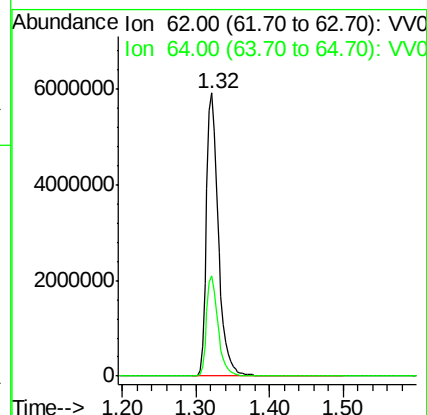
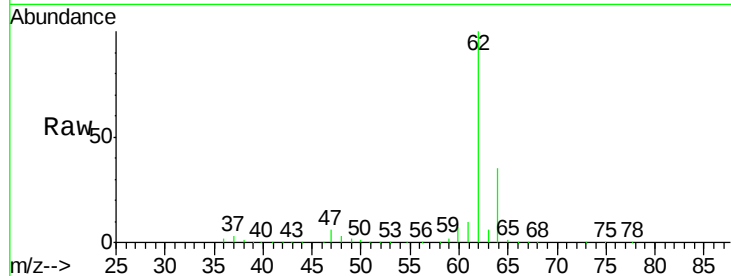
F2B95

Tot Ion: 62 Resp: 6697912

Ion Ratio Lower Upper

62 100

64 35.4 23.5 43.7



#17

trans-1,2-Dichloroethene

Concen: 380.016 ug/L

RT: 2.79 min Scan# 529

Delta R.T. -0.00 min

Lab File: VV012356.D

Acq: 22 Aug 2019 18:45

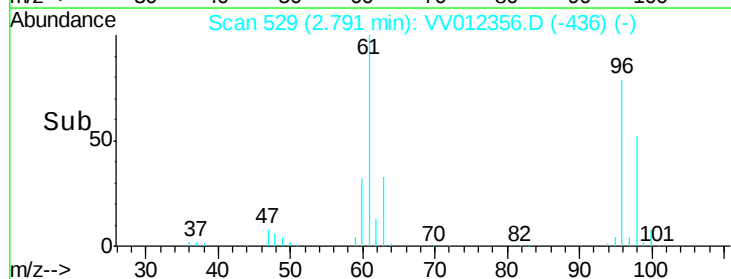
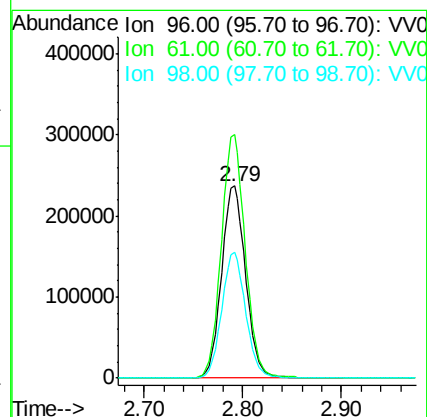
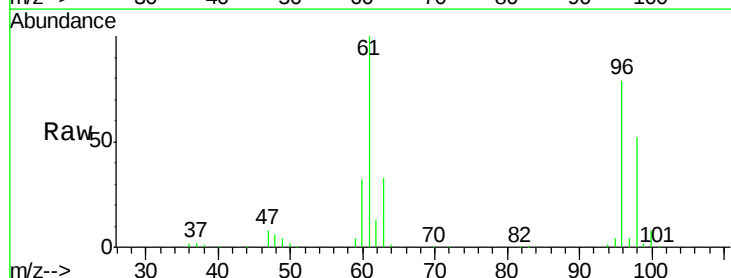
Tgt Ion: 96 Resp: 406668

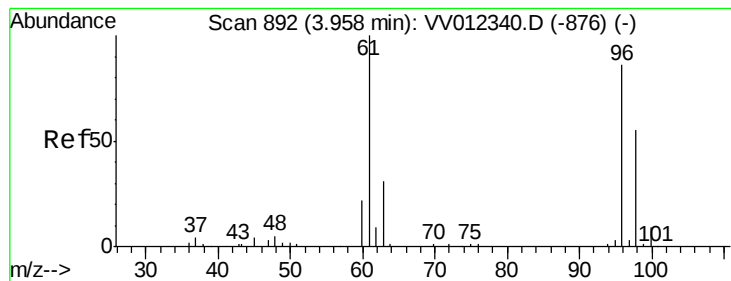
Ion Ratio Lower Upper

96 100

61 126.7 87.0 161.6

98 65.6 43.8 81.4





#20
 cis-1,2-Dichloroethene
 Concen: 7597.508 ug/L
 RT: 3.96 min Scan# 894
 Delta R.T. 0.01 min
 Lab File: VV012356.D
 Acq: 22 Aug 2019 18:45

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 F2B95

Tot Ion: 96 Resp: 9047362

Ion	Ratio	Lower	Upper
96	100		
61	118.9	84.4	156.7
68	0.0	0.0	0.0

