

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV082219\
 Data File : VV012351.D
 Acq On : 22 Aug 2019 16:42
 Operator : SY/MD
 Sample : K4485-12
 Misc : 5mL/MSVOA V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F2B88

Quant Time: Aug 23 07:30:18 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	183391	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	175115	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	81508	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	36542	42.09	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.18%
7) Chloroethane-d5	1.58	69	28414	45.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.28%
11) 1,1-Dichloroethene-d2	2.13	63	57723	33.77	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.54%
21) 2-Butanone-d5	3.93	46	54652	80.76	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	80.76%
24) Chloroform-d	4.40	84	114172	46.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.52%
26) 1,2-Dichloroethane-d4	5.08	65	89314	52.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.96%
32) Benzene-d6	5.10	84	217236	46.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.04%
36) 1,2-Dichloropropane-d6	6.12	67	57248	45.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.66%
41) Toluene-d8	7.36	98	208651	45.85	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.70%
43) trans-1,3-Dichloropropene-	7.66	79	34156	43.92	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.84%
47) 2-Hexanone-d5	8.13	63	41389	79.41	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	79.41%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	82038	45.61	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.22%
64) 1,2-Dichlorobenzene-d4	11.67	152	90584	50.55	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.10%

Target Compounds

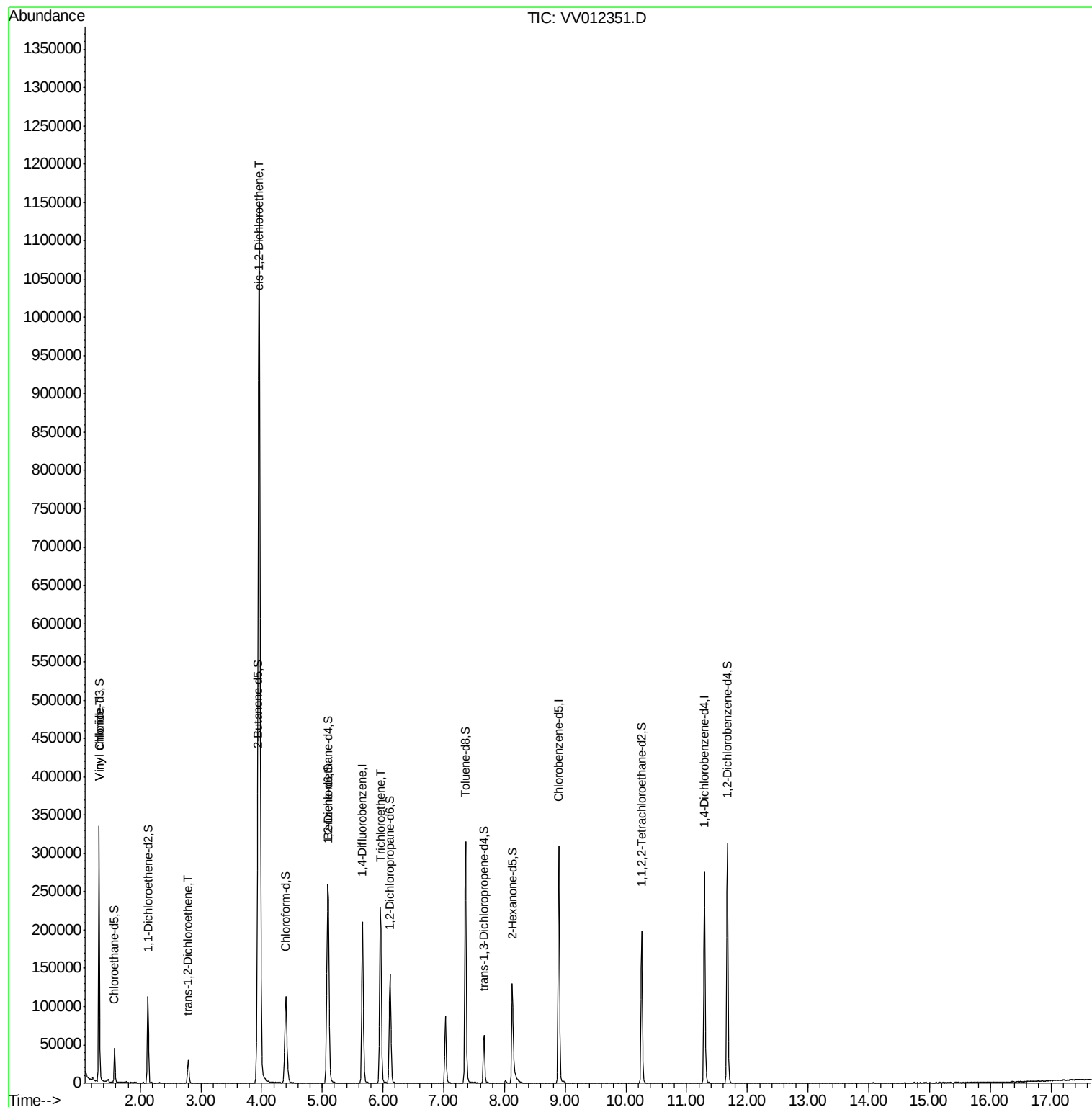
					Ovalue
5) Vinyl chloride	1.32	62	171587	193.725	ug/L 99
17) trans-1,2-Dichloroethene	2.79	96	11289	10.113	ug/L 97
20) cis-1,2-Dichloroethene	3.96	96	659882	531.213	ug/L 96
34) Trichloroethene	5.96	95	72215	55.858	ug/L 97

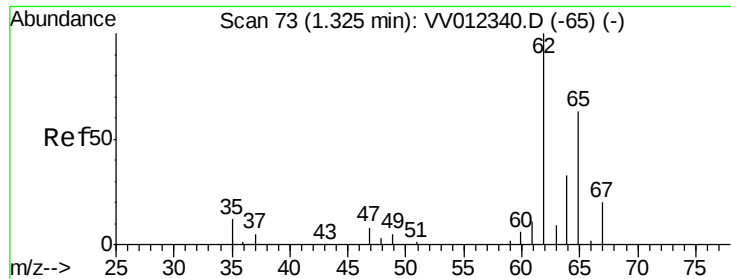
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 193.725 ug/L

RT: 1.32 min Scan# 72

Delta R.T. -0.00 min

Lab File: VV012351.D

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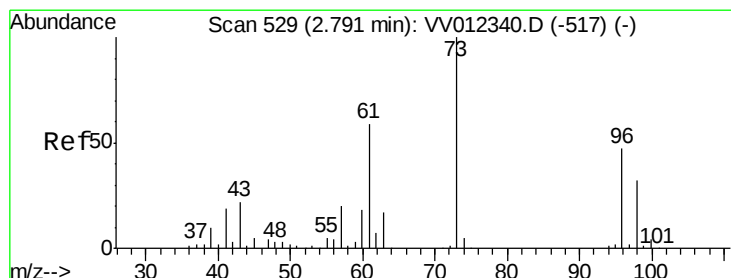
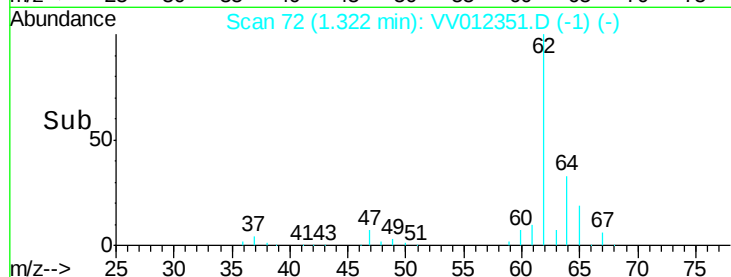
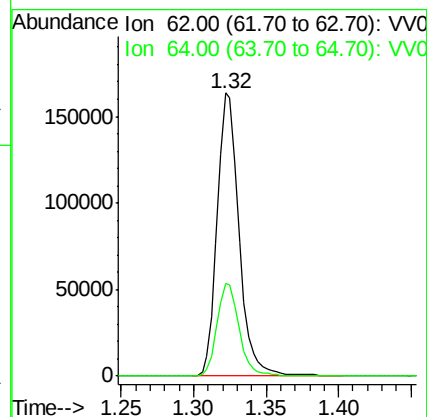
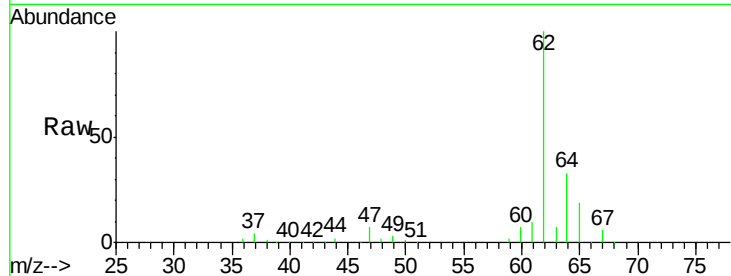
Instrument :
MSVOA_V
ClientSampled :
F2B88

Tot Ion: 62 Resp: 171587

Ion Ratio Lower Upper

62 100

64 32.8 23.5 43.7



#17

trans-1,2-Dichloroethene

Concen: 10.113 ug/L

RT: 2.79 min Scan# 529

Delta R.T. -0.00 min

Lab File: VV012351.D

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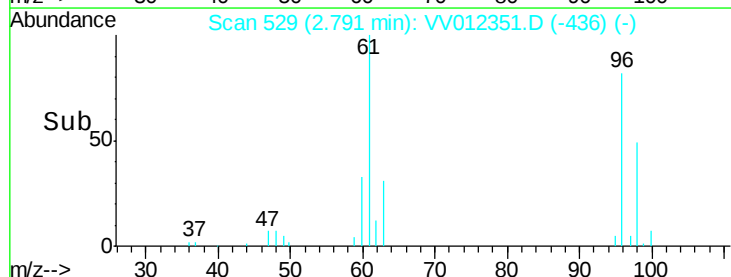
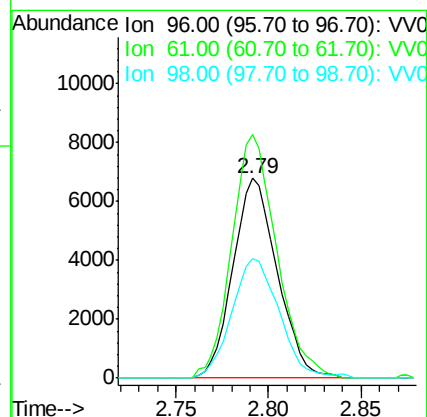
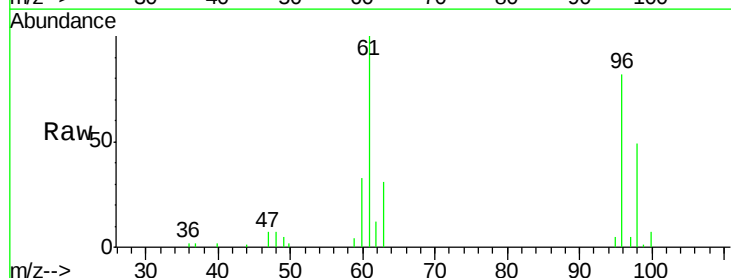
Tgt Ion: 96 Resp: 11289

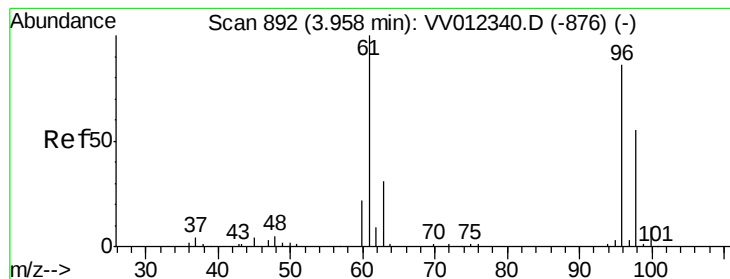
Ion Ratio Lower Upper

96 100

61 121.9 87.0 161.6

98 59.6 43.8 81.4



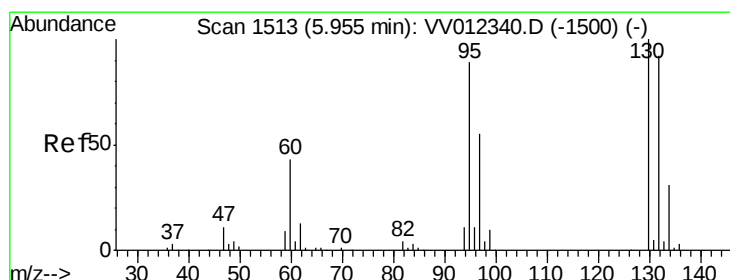
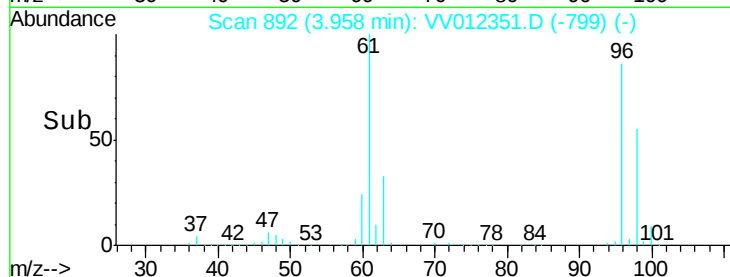
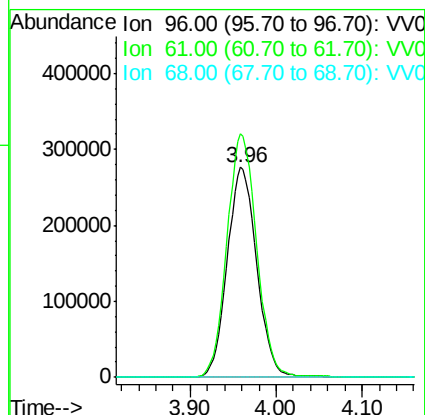
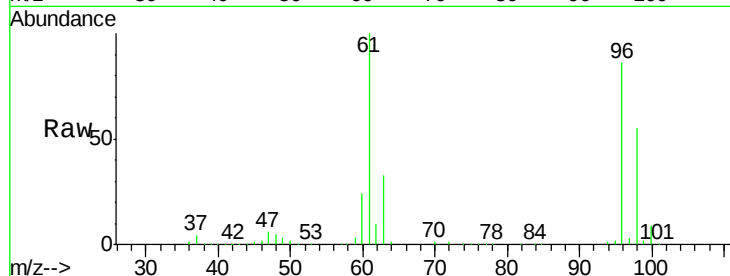


#20

cis-1,2-Dichloroethene
Concen: 531.213 ug/L
RT: 3.96 min Scan# 892
Delta R.T. -0.00 min
Lab File: VV012351.D
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MSVOA_V
ClientSampleId :
F2B88

Tot Ion: 96 Resp: 659882
Ion Ratio Lower Upper
96 100
61 116.0 84.4 156.7
68 0.0 0.0 0.0



#34

Trichloroethene
Concen: 55.858 ug/L
RT: 5.96 min Scan# 1514
Delta R.T. 0.00 min
Lab File: VV012351.D
Acq: 22 Aug 2019 16:42

Tgt Ion: 95 Resp: 72215
Ion Ratio Lower Upper
95 100
97 66.4 43.6 81.0
132 109.0 73.9 137.3
130 112.2 76.6 142.2

