

Data Path : Z:\voasrv\HPCHEM1\MSVOA V\Data\VV081219\
 Data File : VV012208.D
 Acq On : 12 Aug 2019 16:31
 Operator : SY/MD
 Sample : K4248-05RE
 Misc : 5mL/MSVOA V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F2B08RE

Quant Time: Aug 13 06:54:25 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081219WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 13 06:45:02 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	496296	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	475594	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	216855	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	131062	40.14	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	80.28%
7) Chloroethane-d5	1.58	69	120246	42.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	84.16%
11) 1,1-Dichloroethene-d2	2.13	63	186281	30.46	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	60.92%
21) 2-Butanone-d5	3.92	46	255879	88.63	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	88.63%
24) Chloroform-d	4.40	84	309682	41.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.56%
26) 1,2-Dichloroethane-d4	5.08	65	204619	43.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.78%
32) Benzene-d6	5.10	84	634439	42.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.62%
36) 1,2-Dichloropropane-d6	6.12	67	200872	43.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	86.38%
41) Toluene-d8	7.36	98	554003	40.78	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	81.56%
43) trans-1,3-Dichloropropene-	7.66	79	95982	40.87	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.74%
47) 2-Hexanone-d5	8.13	63	173160	85.19	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	85.19%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	283577	41.93	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	83.86%
64) 1,2-Dichlorobenzene-d4	11.67	152	229766	44.39	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.78%

Target Compounds

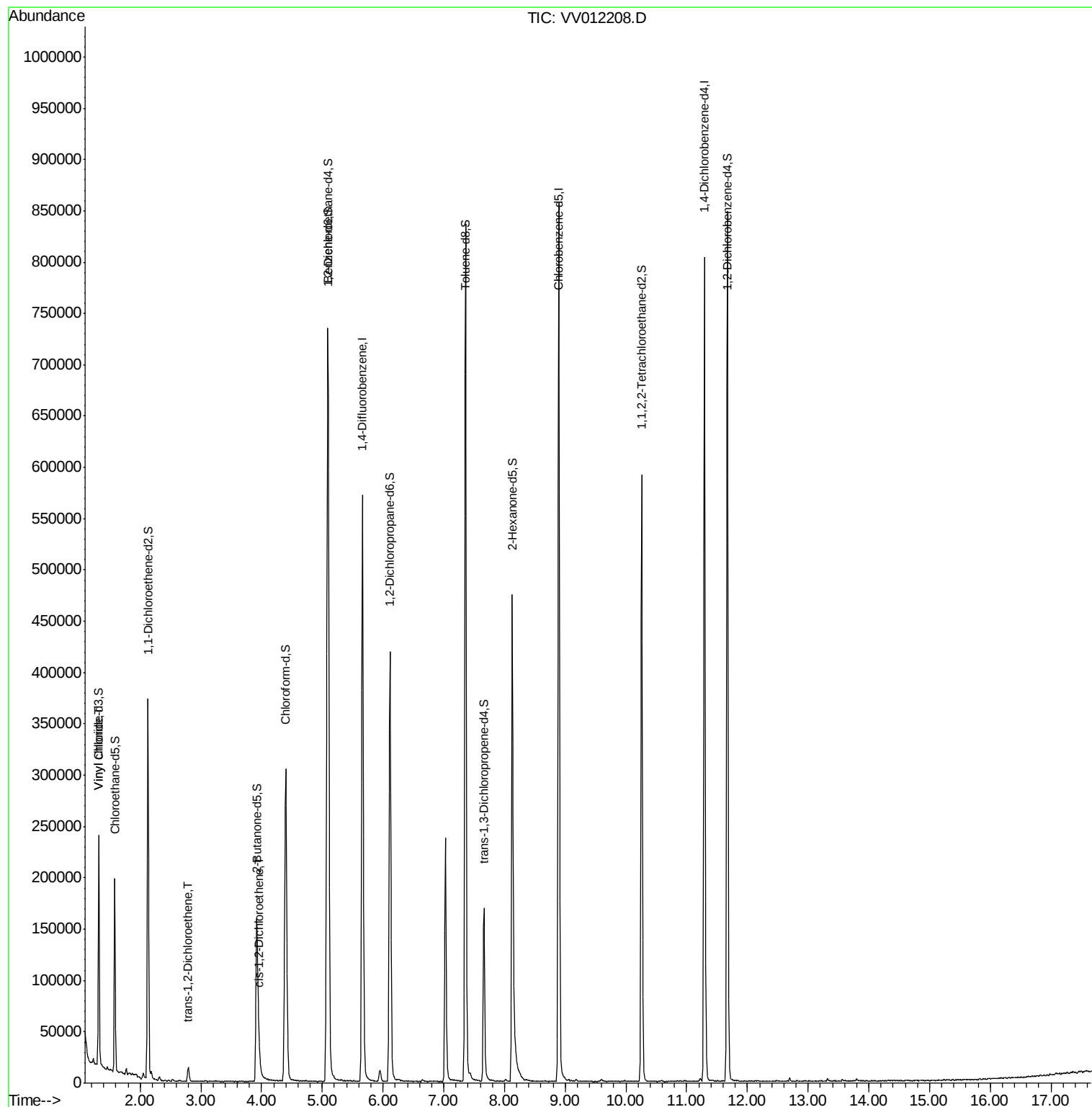
					Ovalue
5) Vinyl chloride	1.32	62	10987	2.712 ug/L	# 77
17) trans-1,2-Dichloroethene	2.79	96	5294	1.578 ug/L	91
20) cis-1,2-Dichloroethene	3.96	96	6906	1.867 ug/L	99

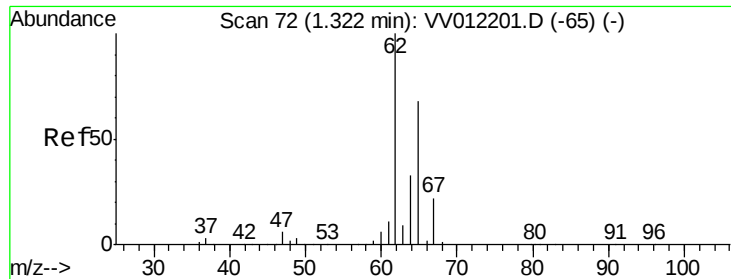
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 2.712 ug/L

RT: 1.32 min Scan# 72

Delta R.T. 0.00 min

Lab File: VV012208.D

Acq: 12 Aug 2019 16:31

Instrument :

MSVOA_V

ClientSampled :

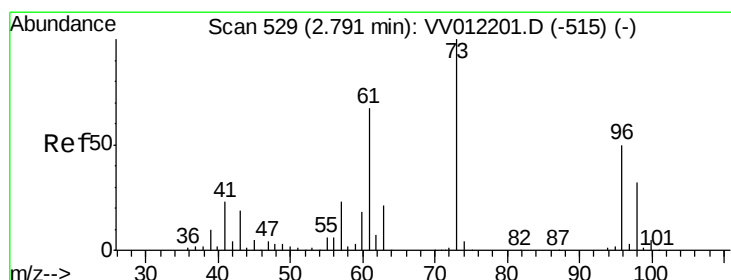
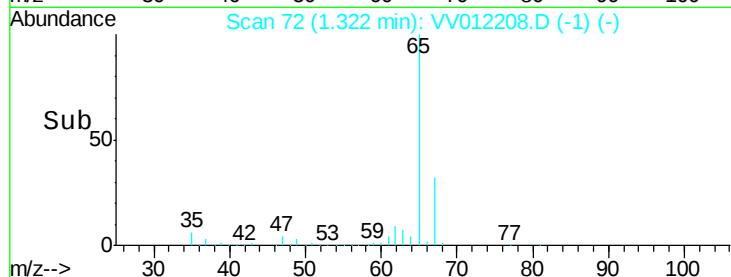
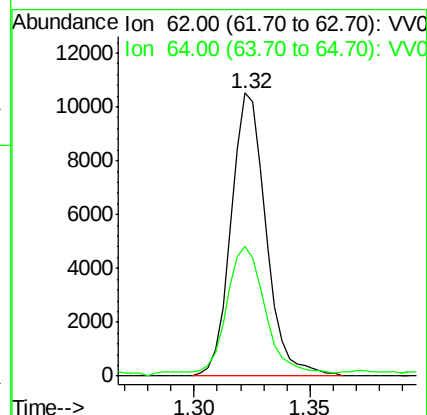
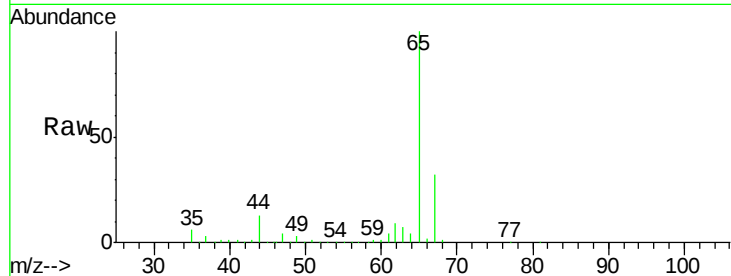
F2B08RE

Tot Ion: 62 Resp: 10987

Ion Ratio Lower Upper

62 100

64 46.1 23.1 42.9#



#17

trans-1,2-Dichloroethene

Concen: 1.578 ug/L

RT: 2.79 min Scan# 530

Delta R.T. 0.00 min

Lab File: VV012208.D

Acq: 12 Aug 2019 16:31

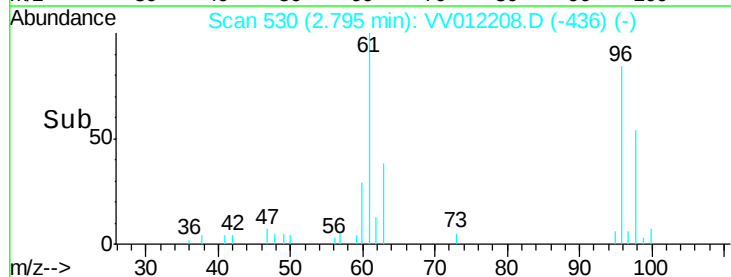
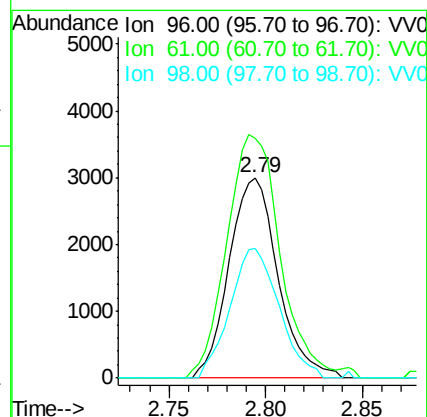
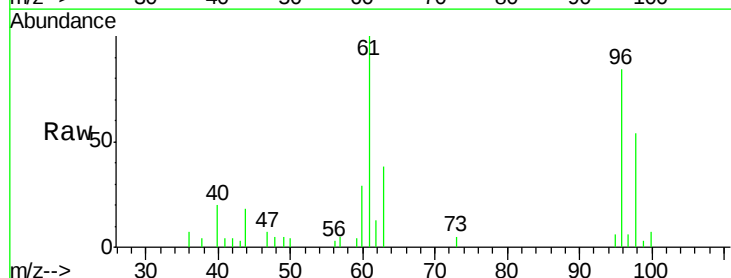
Tgt Ion: 96 Resp: 5294

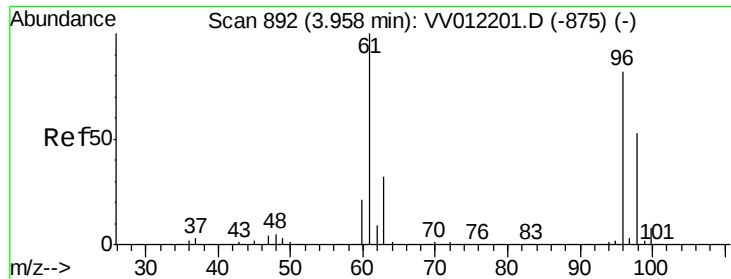
Ion Ratio Lower Upper

96 100

61 119.5 94.8 176.2

98 64.5 44.9 83.5





#20
 cis-1,2-Dichloroethene
 Concen: 1.867 ug/L
 RT: 3.96 min Scan# 894
 Delta R.T. 0.01 min
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Tot Ion: 96 Resp: 6906
 Ion Ratio Lower Upper
 96 100
 61 123.7 85.8 159.3
 68 0.0 0.0 0.0

