

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV121718\
 Data File : VV009005.D
 Acq On : 18 Dec 2018 01:41
 Operator : SY/MD
 Sample : J6422-08
 Misc : 5.0 mL/MSVOA V/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 COLD2

Quant Time: Dec 28 22:37:53 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121318WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Dec 18 03:36:51 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	191095	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	176357	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	74758	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	52051	46.64	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.28%
7) Chloroethane-d5	1.56	69	39022	55.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	111.12%
11) 1,1-Dichloroethene-d2	2.13	63	106476	40.40	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.80%
21) 2-Butanone-d5	3.93	46	87170	116.99	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	116.99%
24) Chloroform-d	4.41	84	116876	49.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.16%
26) 1,2-Dichloroethane-d4	5.08	65	80017	52.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.52%
32) Benzene-d6	5.10	84	240470	50.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.20%
36) 1,2-Dichloropropane-d6	6.12	67	75436	52.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.64%
41) Toluene-d8	7.36	98	221233	49.59	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.18%
43) trans-1,3-Dichloropropene-	7.67	79	33965	46.89	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.78%
47) 2-Hexanone-d5	8.13	63	56656	107.19	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	107.19%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	89071	48.31	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.62%
64) 1,2-Dichlorobenzene-d4	11.68	152	78068	50.63	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.26%

Target Compounds

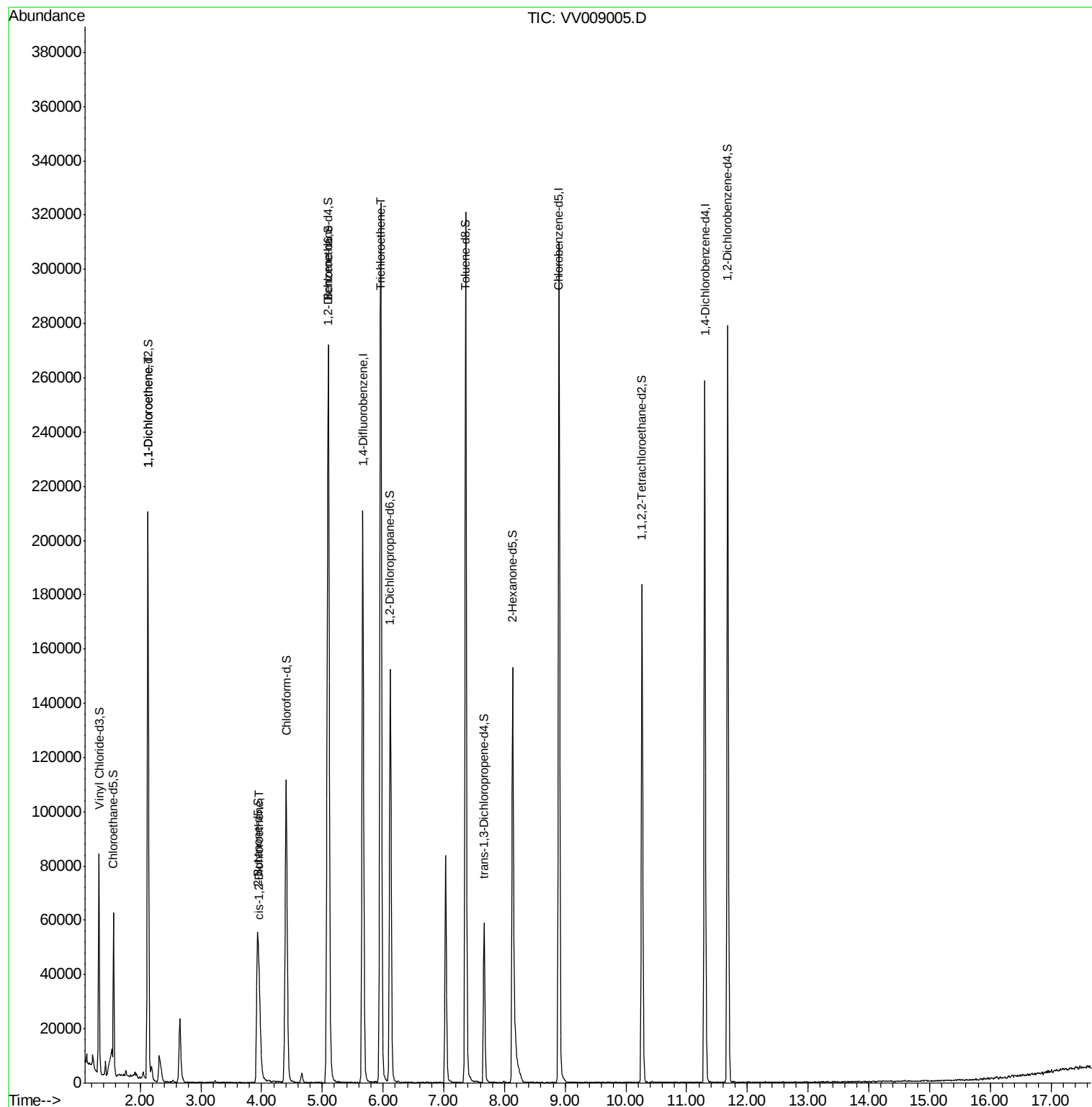
					Ovalue
12) 1,1-Dichloroethene	2.14	96	8212	6.921 ug/L	# 1
20) cis-1,2-Dichloroethene	3.96	96	9986	7.249 ug/L	92
34) Trichloroethene	5.96	95	111902	79.739 ug/L	99

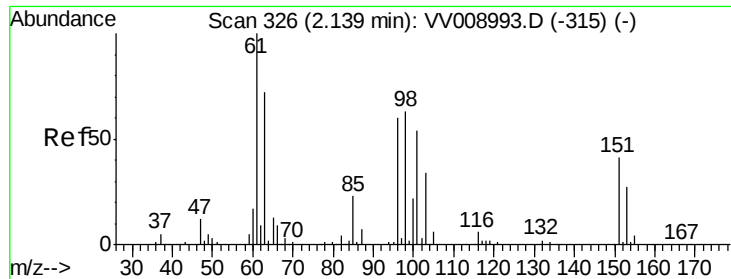
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 6.921 ug/L

RT: 2.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VV009005.D

Acq: 18 Dec 2018 01:41

Instrument :

MSVOA_V

ClientSampleId :

COLD2

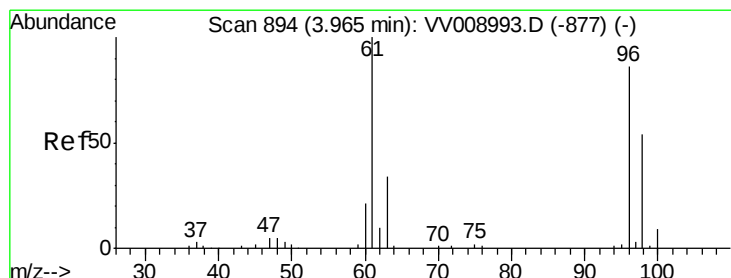
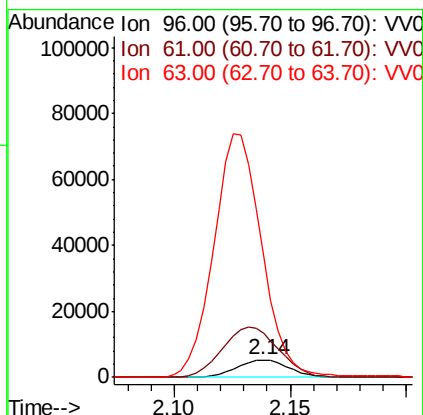
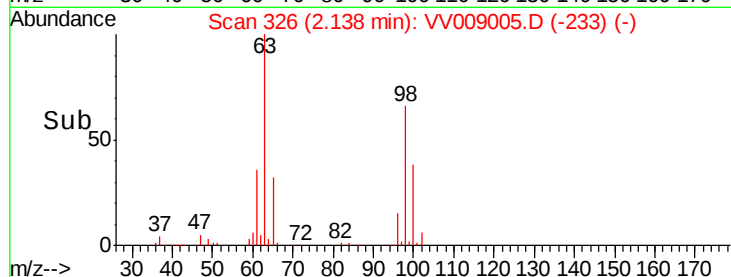
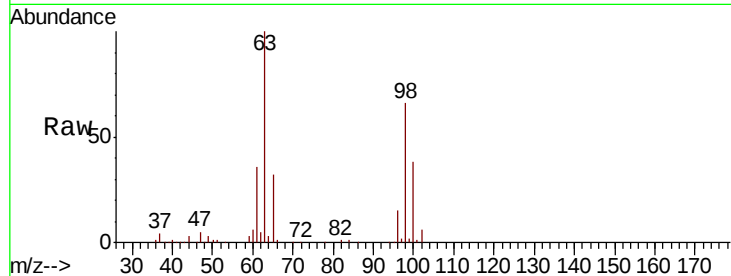
Tot Ion: 96 Resp: 8212

Ion Ratio Lower Upper

96 100

61 245.4 119.1 221.3#

63 676.5 96.0 178.2#



#20

cis-1,2-Dichloroethene

Concen: 7.249 ug/L

RT: 3.96 min Scan# 894

Delta R.T. -0.00 min

Lab File: VV009005.D

Acq: 18 Dec 2018 01:41

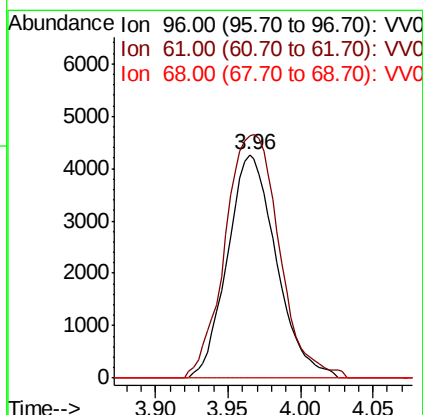
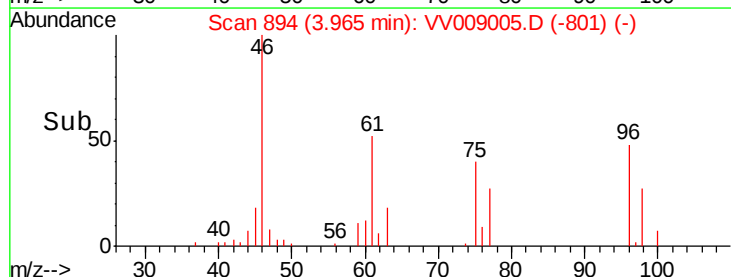
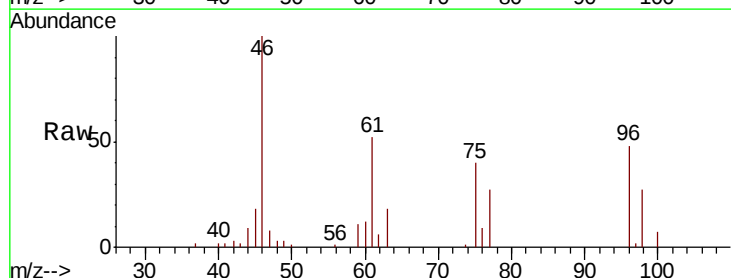
Tgt Ion: 96 Resp: 9986

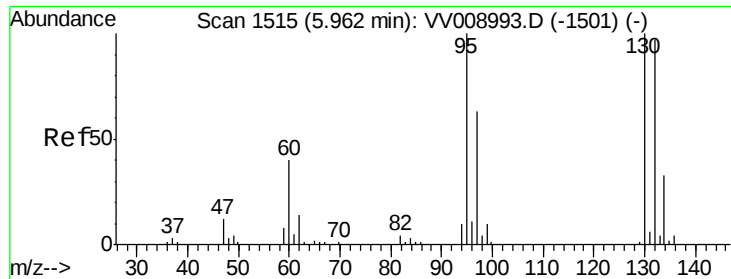
Ion Ratio Lower Upper

96 100

61 108.6 81.9 152.1

68 0.0 0.0 0.0

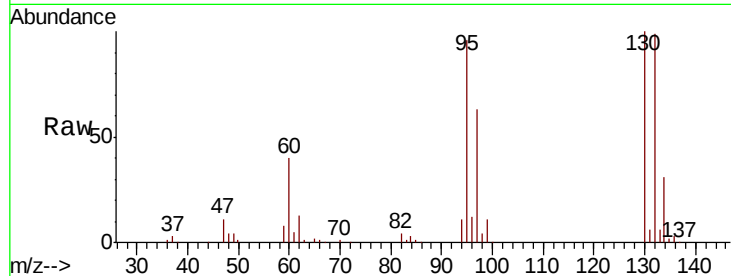




#34
 Trichloroethene
 Concen: 79.739 ug/L
 RT: 5.96 min Scan# 1515
 Delta R.T. -0.00 min
 Lab File: VV009005.D
 Acq: 18 Dec 2018 01:41

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Tot Ion:	95	Resp:	111902
Ion	Ratio	Lower	Upper
95	100		
97	65.4	45.7	84.9
132	102.9	72.2	134.2
130	103.9	73.8	137.2



Abundance Ion 95.00 (94.70 to 95.70): VV0
 Ion 97.00 (96.70 to 97.70): VV0
 Ion 132.00 (131.70 to 132.70): V
 Ion 130.00 (129.70 to 130.70): V

