

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV031619\
 Data File : VV009717.D
 Acq On : 16 Mar 2019 04:30
 Operator : SY/MD
 Sample : K1936-04
 Misc : 5.58g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFW01

Quant Time: Mar 16 05:49:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM031219WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 16 02:32:06 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	177330	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	178492	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	81649	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	37544	35.77	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	71.54%
7) Chloroethane-d5	1.55	69	23154	21.20	ug/L	-0.03
Spiked Amount	50.000	Range	70 - 130	Recovery	=	42.40%#
11) 1,1-Dichloroethene-d2	2.10	63	83558	30.18	ug/L	-0.03
Spiked Amount	50.000	Range	60 - 125	Recovery	=	60.36%
21) 2-Butanone-d5	3.94	46	70262	90.59	ug/L	0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.59%
24) Chloroform-d	4.40	84	96311	42.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.02%
26) 1,2-Dichloroethane-d4	5.08	65	67144	44.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.52%
32) Benzene-d6	5.09	84	199257	42.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.86%
36) 1,2-Dichloropropane-d6	6.12	67	62566	45.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.16%
41) Toluene-d8	7.36	98	194719	43.06	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.12%
43) trans-1,3-Dichloropropene-	7.67	79	27687	38.63	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.26%
47) 2-Hexanone-d5	8.14	63	60433	99.56	ug/L	0.01
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.56%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	101215	45.40	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.80%
64) 1,2-Dichlorobenzene-d4	11.68	152	77863	45.20	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.40%

Target Compounds

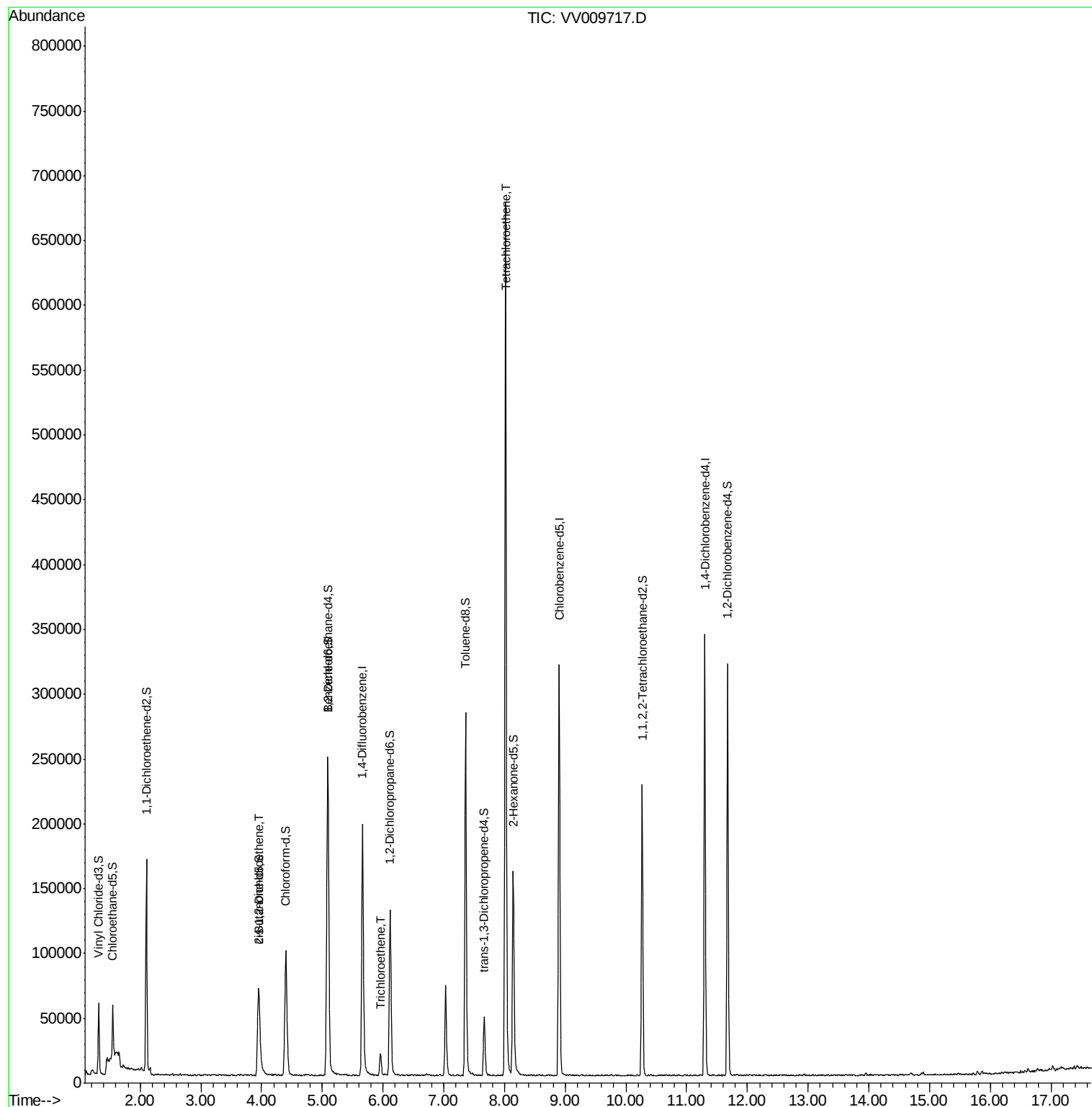
					Ovalue
20) cis-1,2-Dichloroethene	3.96	96	20485	16.812	ug/L 97
34) Trichloroethene	5.96	95	5712	4.777	ug/L 99
46) Tetrachloroethene	8.02	164	139349	148.243	ug/L 99

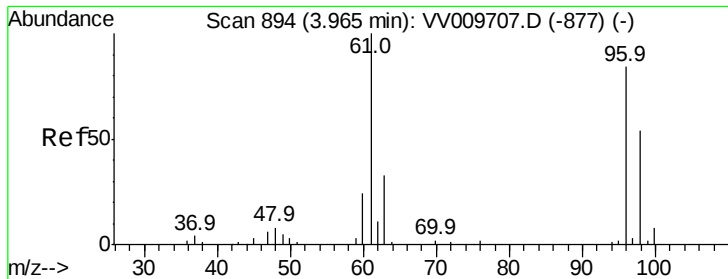
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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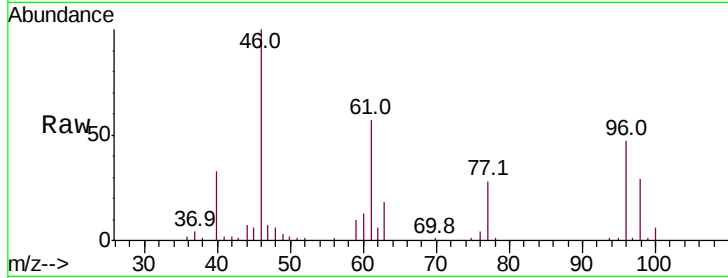


#20

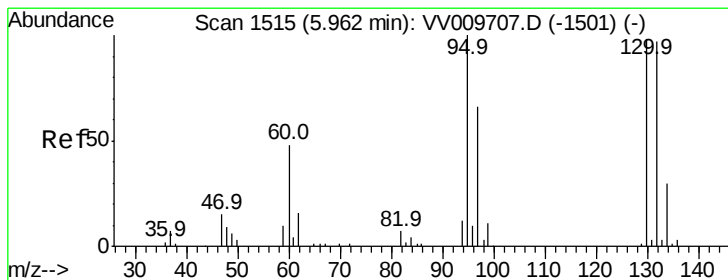
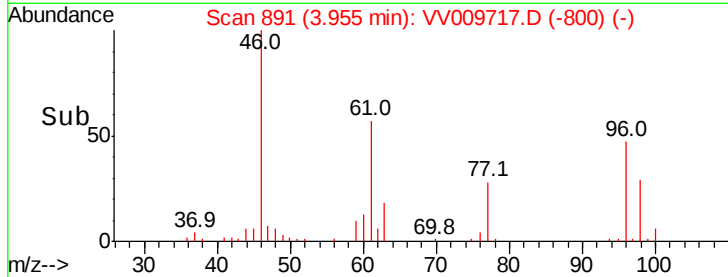
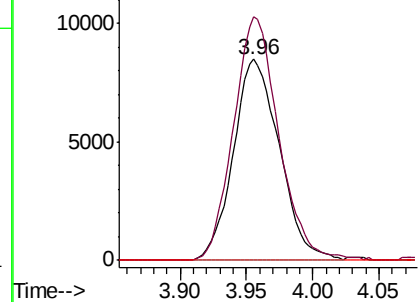
cis-1,2-Dichloroethene
Concen: 16.812 ug/L
RT: 3.96 min Scan# 891
Delta R.T. -0.01 min
Lab File: VV009717.D
Acq: 16 Mar 2019 04:30

Instrument :
MSVOA_V
ClientSampleId :
BF0W1

Tot Ion: 96 Resp: 20485
Ion Ratio Lower Upper
96 100
61 121.3 82.4 153.0
68 0.0 0.0 0.0



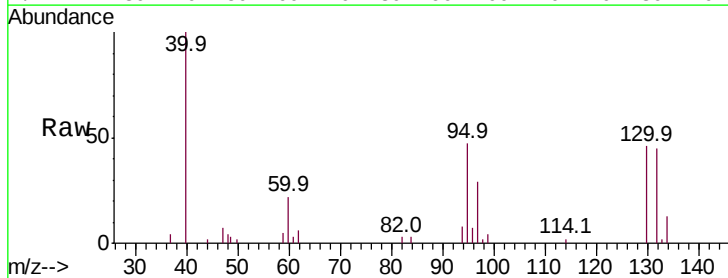
Abundance Ion 96.00 (95.70 to 96.70): VV0
Ion 61.00 (60.70 to 61.70): VV0
Ion 68.00 (67.70 to 68.70): VV0



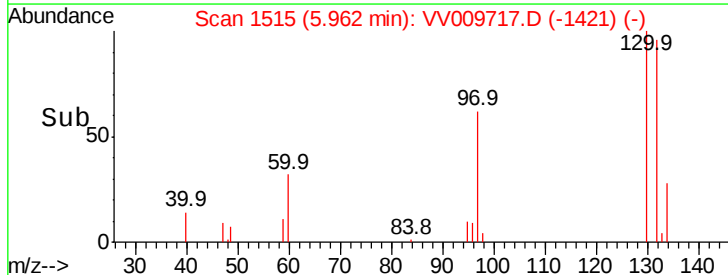
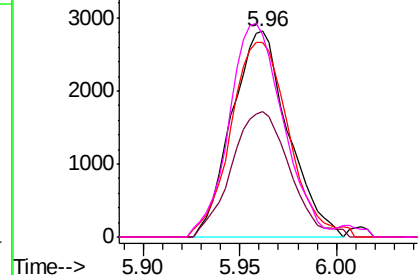
#34

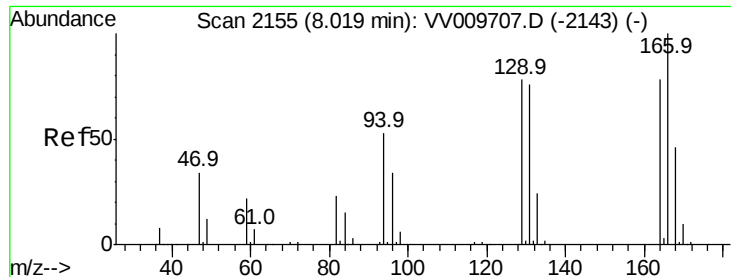
Trichloroethene
Concen: 4.777 ug/L
RT: 5.96 min Scan# 1515
Delta R.T. 0.00 min
Lab File: VV009717.D
Acq: 16 Mar 2019 04:30

Tgt Ion: 95 Resp: 5712
Ion Ratio Lower Upper
95 100
97 65.0 44.2 82.2
132 94.8 66.5 123.5
130 98.3 67.8 125.8



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): VV0
Ion 130.00 (129.70 to 130.70): VV0





#46

Tetrachloroethene

Concen: 148.243 ug/L

RT: 8.02 min Scan# 2155

Delta R.T. -0.00 min

Lab File: VV009717.D

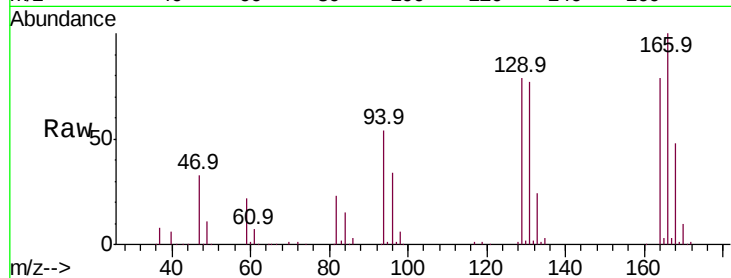
Acq: 16 Mar 2019 04:30

Instrument :

MSVOA_V

ClientSampleId :

BF0W1



Tot Ion:164 Resp: 139349

Ion Ratio Lower Upper

164 100

129 99.9 70.8 131.6

131 97.0 68.3 126.9

166 126.2 89.5 166.3

Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V

