

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV031619\
 Data File : VV009702.D
 Acq On : 15 Mar 2019 21:57
 Operator : SY/MD
 Sample : K1939-19
 Misc : 5.75u/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BF0Y2

Quant Time: Mar 16 04:17:00 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	164427	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	164998	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	75587	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	35497	36.48	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	72.96%
7) Chloroethane-d5	1.55	69	23148	22.85	ug/L	-0.03
Spiked Amount	50.000	Range	70 - 130	Recovery	=	45.70%#
11) 1,1-Dichloroethene-d2	2.10	63	83681	32.59	ug/L	-0.03
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.18%
21) 2-Butanone-d5	3.95	46	70337	97.80	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.80%
24) Chloroform-d	4.40	84	91983	43.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.54%
26) 1,2-Dichloroethane-d4	5.08	65	65687	46.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.40%
32) Benzene-d6	5.09	84	189109	44.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.16%
36) 1,2-Dichloropropane-d6	6.12	67	58651	45.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.44%
41) Toluene-d8	7.36	98	183629	43.93	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.86%
43) trans-1,3-Dichloropropene-	7.67	79	26707	40.31	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.62%
47) 2-Hexanone-d5	8.14	63	59201	105.51	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	105.51%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	99335	48.20	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.40%
64) 1,2-Dichlorobenzene-d4	11.68	152	72218	45.29	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.58%

Target Compounds

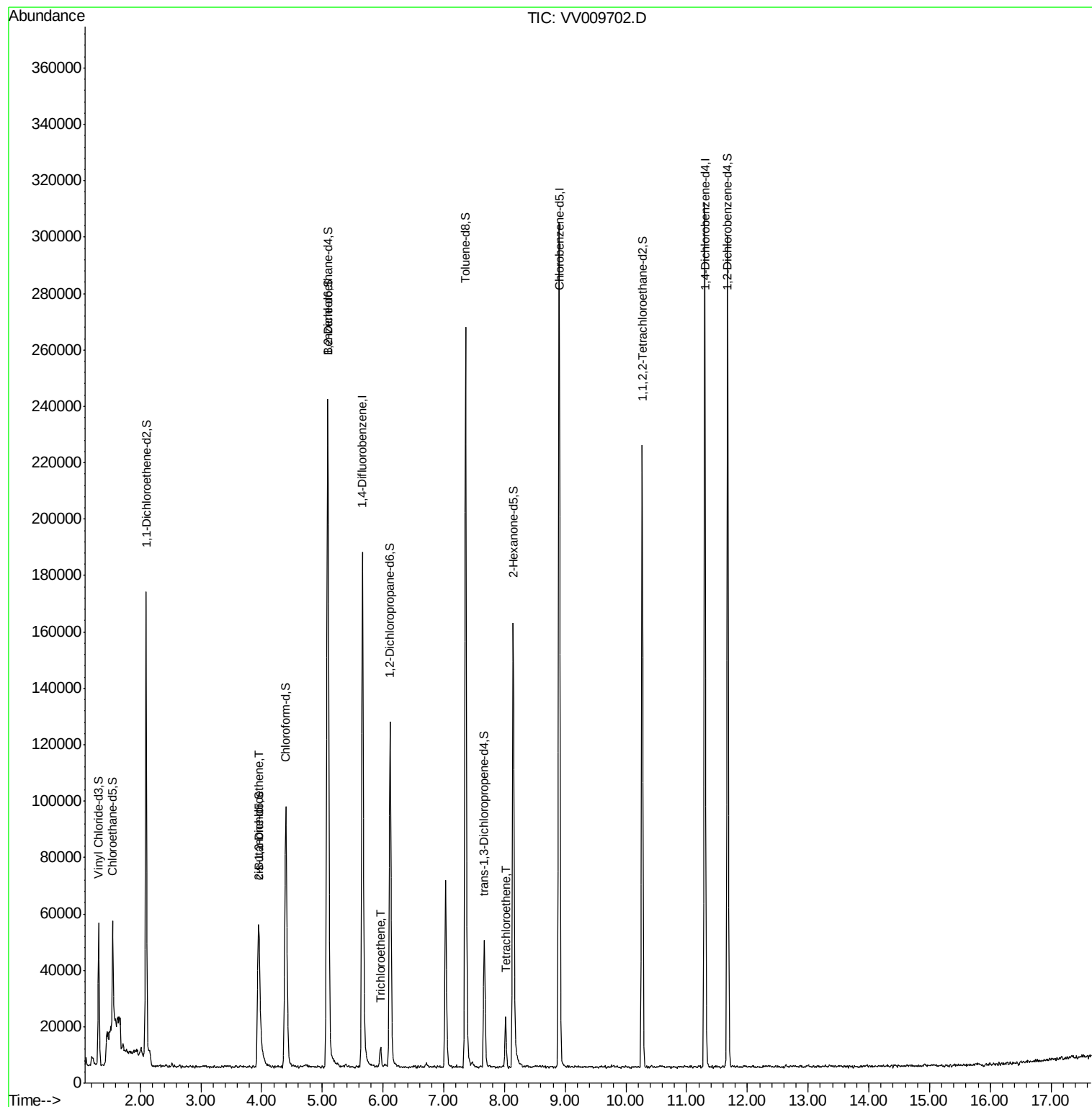
					Ovalue
20) cis-1,2-Dichloroethene	3.96	96	10259	9.080 ug/L	92
34) Trichloroethene	5.96	95	2263	2.047 ug/L	91
46) Tetrachloroethene	8.02	164	3648	4.198 ug/L	96

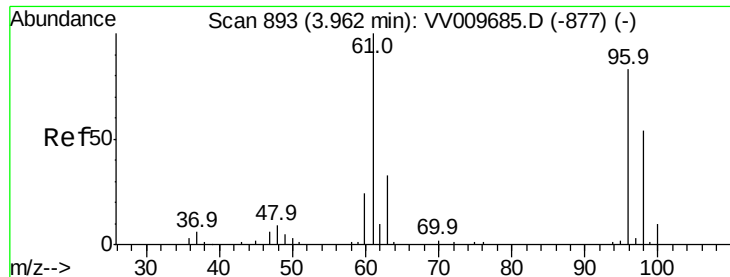
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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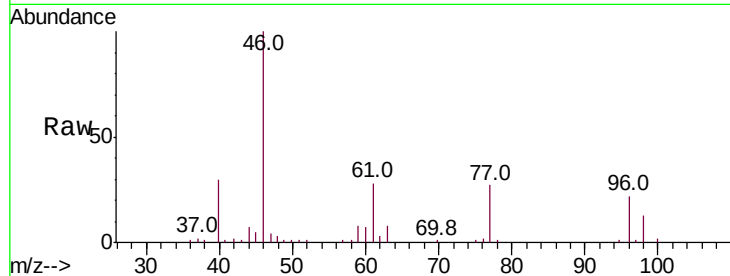


#20

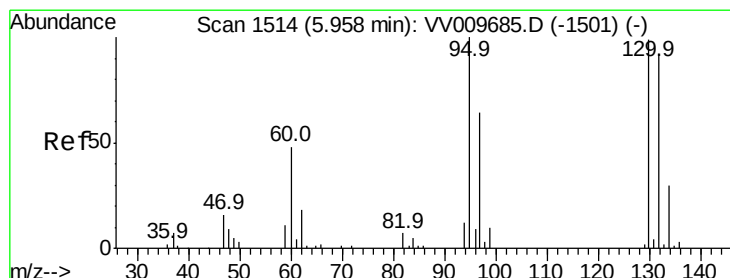
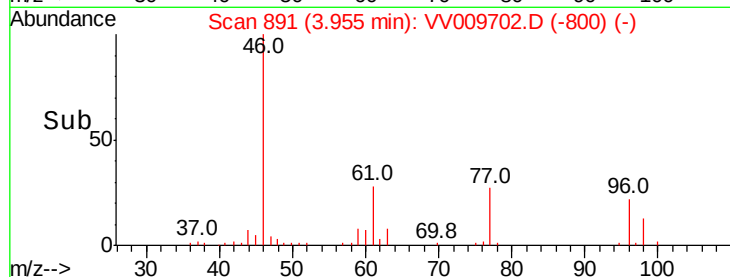
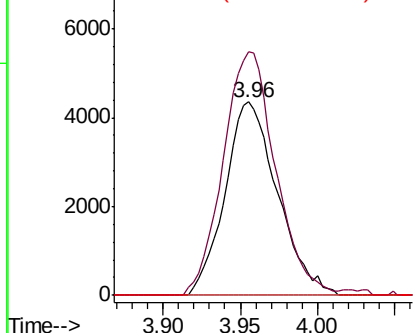
cis-1,2-Dichloroethene
Concen: 9.080 ug/L
RT: 3.96 min Scan# 891
Delta R.T. -0.01 min
Lab File: VV009702.D
Acq: 15 Mar 2019 21:57

Instrument :
MSVOA_V
ClientSampleId :
BF0Y2

Tot Ion: 96 Resp: 10259
Ion Ratio Lower Upper
96 100
61 126.0 82.4 153.0
68 0.0 0.0 0.0



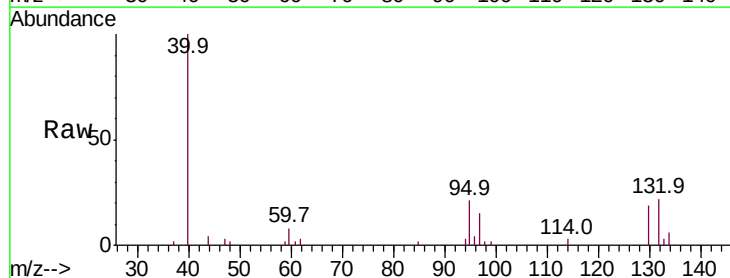
Abundance Ion 96.00 (95.70 to 96.70): VV0
Ion 61.00 (60.70 to 61.70): VV0
Ion 68.00 (67.70 to 68.70): VV0



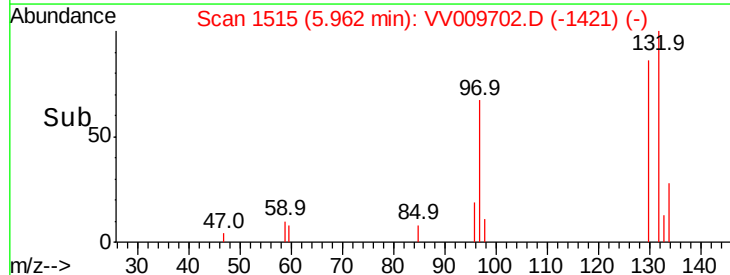
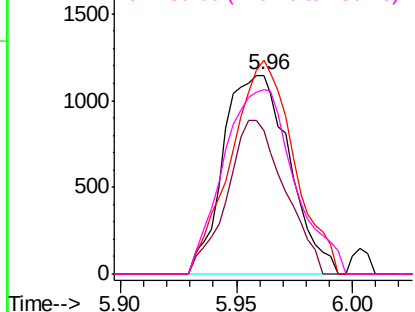
#34

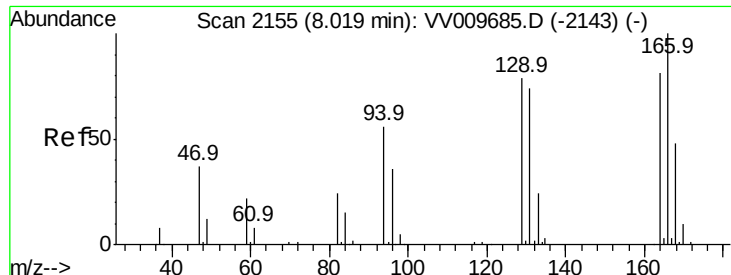
Trichloroethene
Concen: 2.047 ug/L
RT: 5.96 min Scan# 1515
Delta R.T. 0.00 min
Lab File: VV009702.D
Acq: 15 Mar 2019 21:57

Tgt Ion: 95 Resp: 2263
Ion Ratio Lower Upper
95 100
97 72.0 44.2 82.2
132 107.6 66.5 123.5
130 92.9 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: 4.198 ug/L

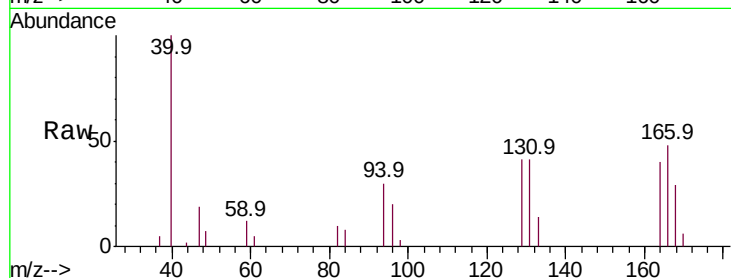
RT: 8.02 min Scan# 2155

Delta R.T. -0.00 min

Lab File: VV009702.D

Acq: 15 Mar 2019 21:57

Instrument :
MSVOA_V
ClientSampleId :
BF0Y2



Tot Ion:164 Resp: 3648

Ion Ratio Lower Upper

164 100

129 102.4 70.8 131.6

131 101.0 68.3 126.9

166 119.8 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

