

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV031619\
 Data File : VV009720.D
 Acq On : 16 Mar 2019 05:43
 Operator : SY/MD
 Sample : K1936-14
 Misc : 4.98g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFOX2

Quant Time: Mar 16 06:31:10 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	171430	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	172081	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	79222	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	34002	33.51	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	67.02%
7) Chloroethane-d5	1.55	69	23752	22.49	ug/L	-0.03
Spiked Amount	50.000	Range	70 - 130	Recovery	=	44.98%#
11) 1,1-Dichloroethene-d2	2.10	63	80496	30.07	ug/L	-0.03
Spiked Amount	50.000	Range	60 - 125	Recovery	=	60.14%
21) 2-Butanone-d5	3.95	46	65806	87.77	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	87.77%
24) Chloroform-d	4.40	84	90565	40.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.72%
26) 1,2-Dichloroethane-d4	5.08	65	63310	43.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.34%
32) Benzene-d6	5.09	84	186548	41.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.38%
36) 1,2-Dichloropropane-d6	6.12	67	58877	44.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.00%
41) Toluene-d8	7.36	98	183457	42.08	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.16%
43) trans-1,3-Dichloropropene-	7.67	79	25779	37.30	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.60%
47) 2-Hexanone-d5	8.14	63	54320	92.82	ug/L	0.01
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.82%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	97412	45.32	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.64%
64) 1,2-Dichlorobenzene-d4	11.68	152	71773	42.95	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.90%

Target Compounds

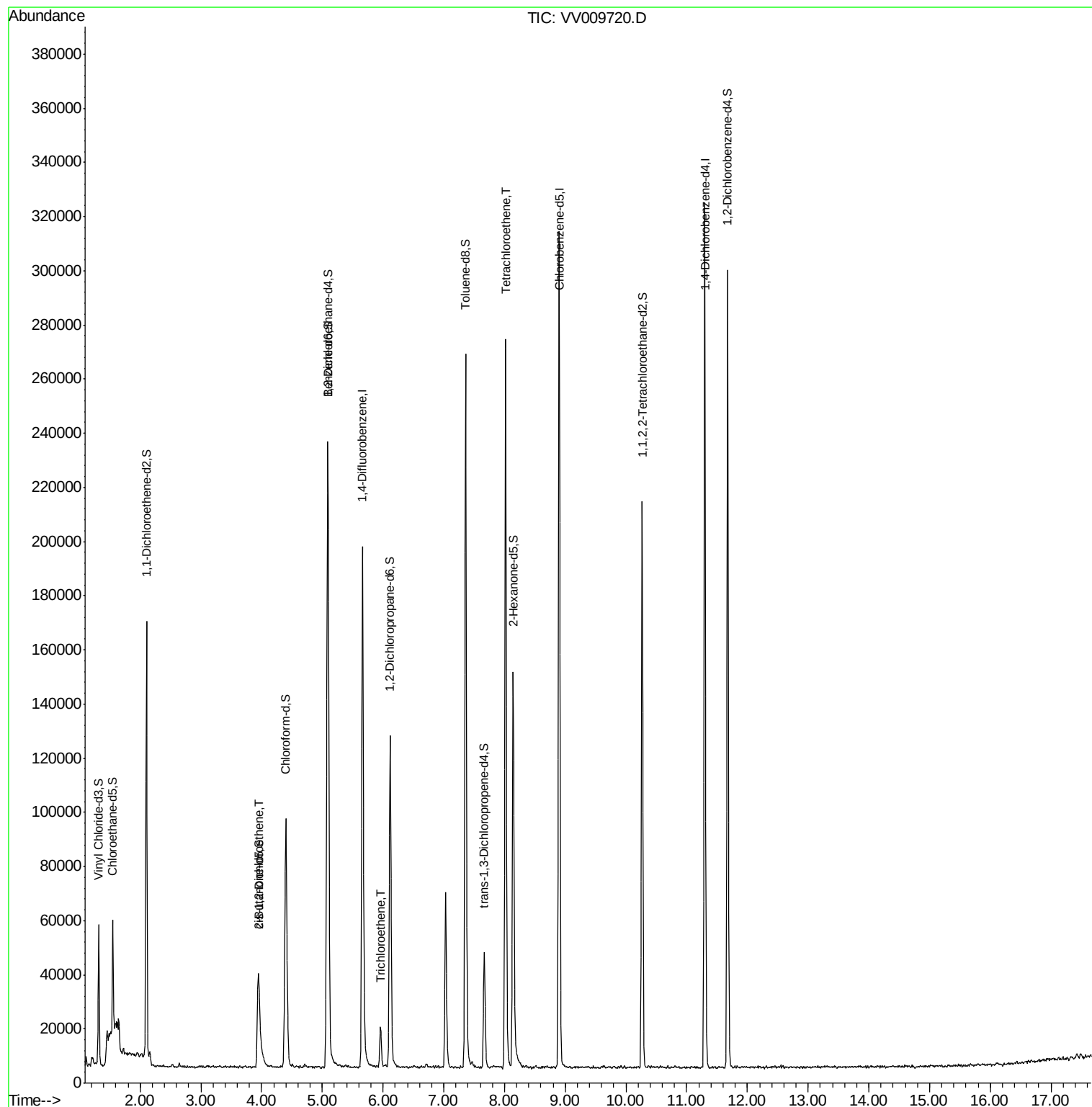
					Ovalue
20) cis-1,2-Dichloroethene	3.96	96	1979	1.680	ug/L 70
34) Trichloroethene	5.96	95	5177	4.491	ug/L 91
46) Tetrachloroethene	8.02	164	56903	62.790	ug/L 98

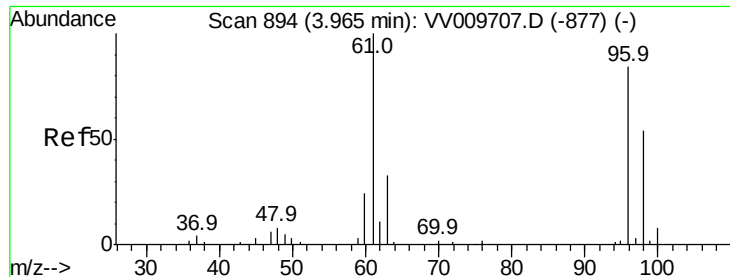
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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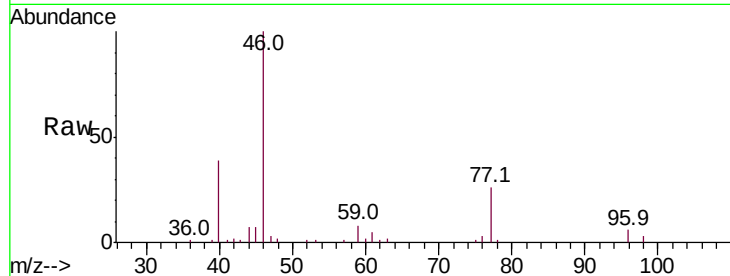


#20

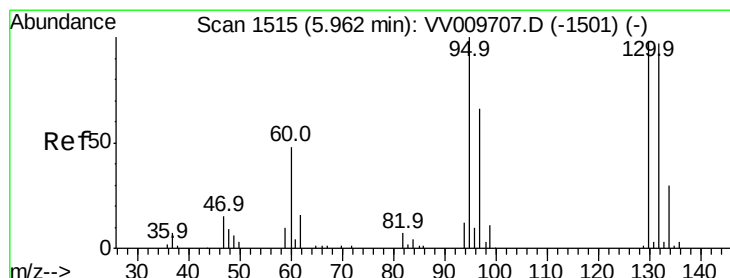
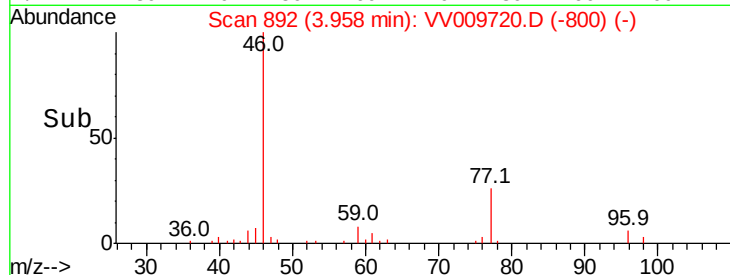
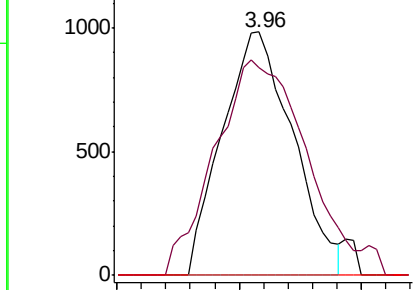
cis-1,2-Dichloroethene
Concen: 1.680 ug/L
RT: 3.96 min Scan# 892
Delta R.T. -0.00 min
Lab File: VV009720.D
Acq: 16 Mar 2019 05:43

Instrument :
MSVOA_V
ClientSampled :
BF0X2

Tot Ion: 96 Resp: 1979
Ion Ratio Lower Upper
96 100
61 85.2 82.4 153.0
68 0.0 0.0 0.0



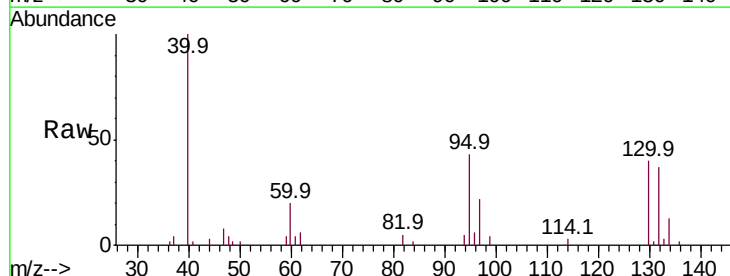
Abundance Ion 96.00 (95.70 to 96.70): VV0
Ion 61.00 (60.70 to 61.70): VV0
Ion 68.00 (67.70 to 68.70): VV0



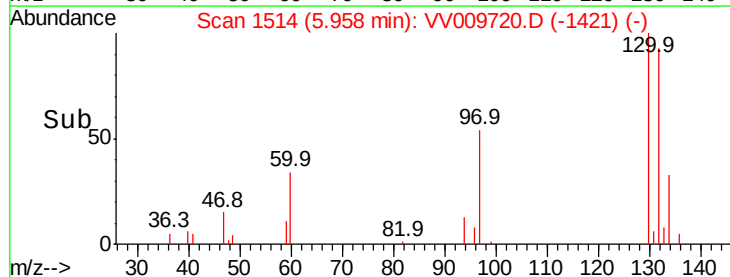
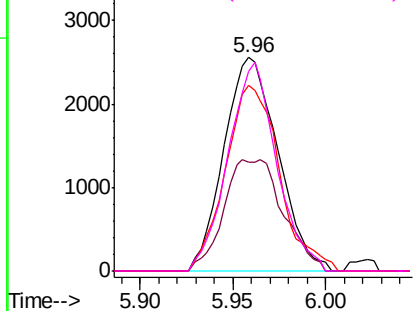
#34

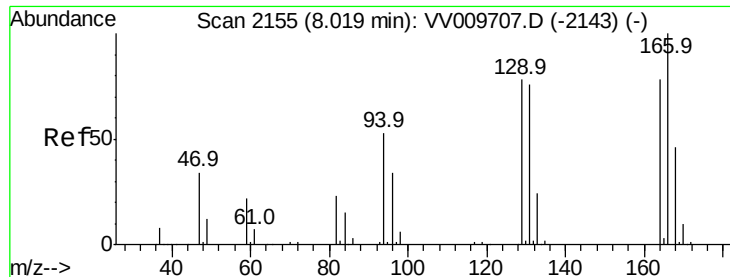
Trichloroethene
Concen: 4.491 ug/L
RT: 5.96 min Scan# 1514
Delta R.T. -0.00 min
Lab File: VV009720.D
Acq: 16 Mar 2019 05:43

Tgt Ion: 95 Resp: 5177
Ion Ratio Lower Upper
95 100
97 50.6 44.2 82.2
132 86.7 66.5 123.5
130 93.2 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: 62.790 ug/L

RT: 8.02 min Scan# 2155

Delta R.T. -0.00 min

Lab File: VV009720.D

Acq: 16 Mar 2019 05:43

Instrument :
MSVOA_V
ClientSampleId :
BF0X2

Tot Ion:164 Resp: 56903

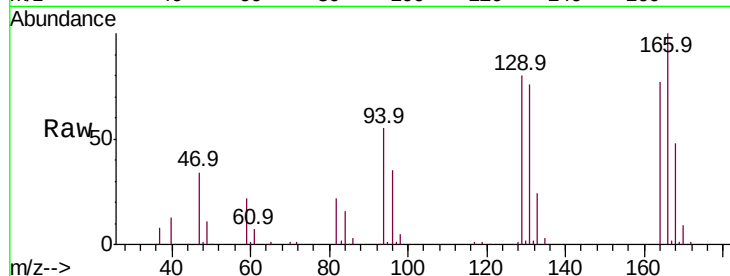
Ion Ratio Lower Upper

164 100

129 103.9 70.8 131.6

131 98.0 68.3 126.9

166 129.8 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

