

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV031619\
 Data File : VV009718.D
 Acq On : 16 Mar 2019 04:54
 Operator : SY/MD
 Sample : K1936-12
 Misc : 5.51g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFOX0

Quant Time: Mar 16 05:52:15 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	178360	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	180353	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	82264	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	34538	32.72	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	65.44%
7) Chloroethane-d5	1.55	69	22627	20.59	ug/L	-0.03
Spiked Amount	50.000	Range	70 - 130	Recovery	=	41.18%#
11) 1,1-Dichloroethene-d2	2.10	63	78912	28.34	ug/L	-0.03
Spiked Amount	50.000	Range	60 - 125	Recovery	=	56.68%#
21) 2-Butanone-d5	3.95	46	68869	88.28	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	88.28%
24) Chloroform-d	4.40	84	91664	39.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	79.50%
26) 1,2-Dichloroethane-d4	5.08	65	64254	42.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.22%
32) Benzene-d6	5.09	84	188089	40.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.22%
36) 1,2-Dichloropropane-d6	6.12	67	59497	42.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	84.86%
41) Toluene-d8	7.36	98	184743	40.44	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	80.88%
43) trans-1,3-Dichloropropene-	7.67	79	26763	36.95	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.90%
47) 2-Hexanone-d5	8.14	63	57633	93.97	ug/L	0.01
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.97%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	97432	43.25	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.50%
64) 1,2-Dichlorobenzene-d4	11.68	152	73779	42.51	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.02%

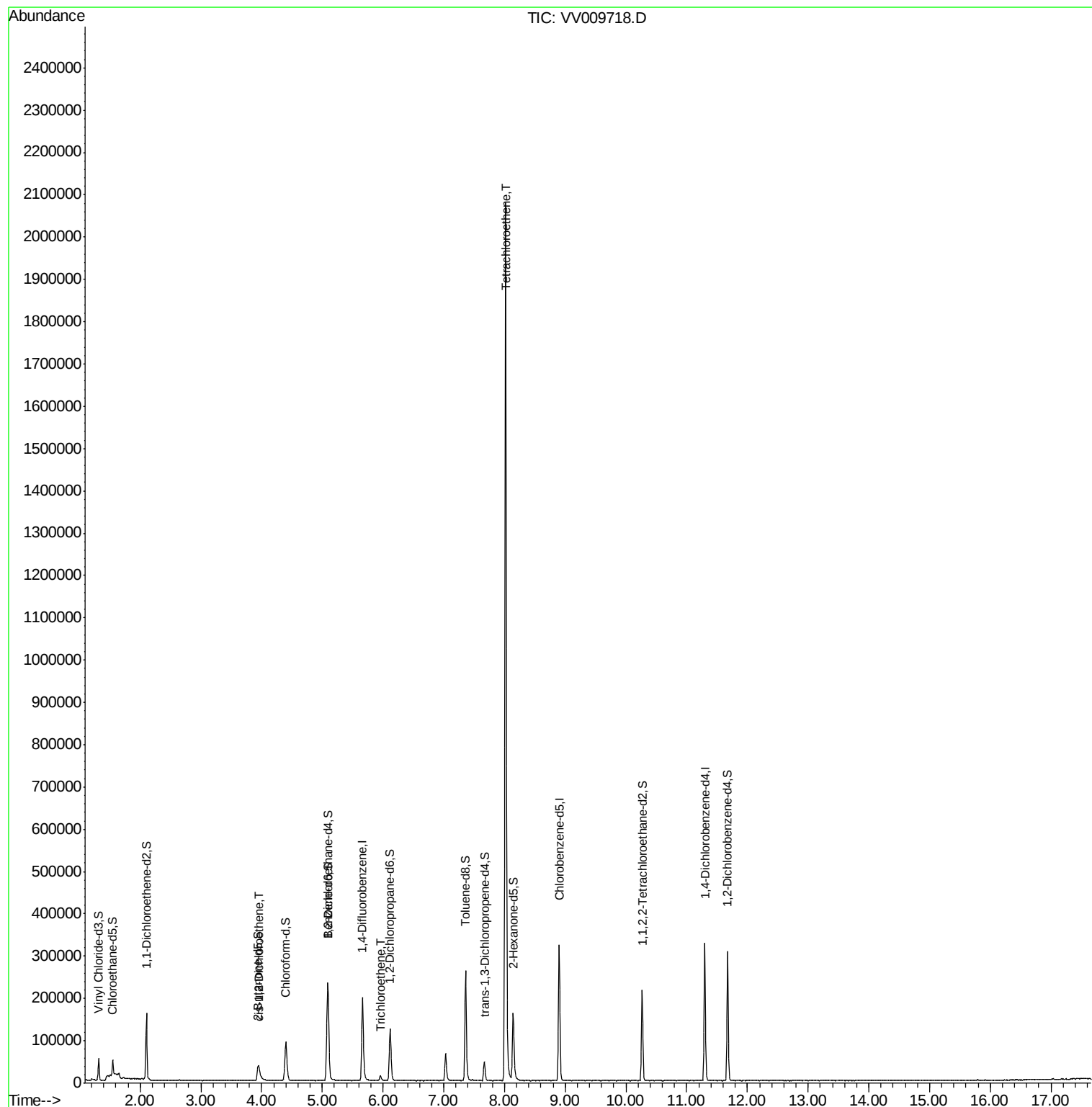
Target Compounds					Ovalue
20) cis-1,2-Dichloroethene	3.96	96	2105	1.718 ug/L	91
34) Trichloroethene	5.96	95	3592	2.973 ug/L	94
46) Tetrachloroethene	8.02	164	427575	450.171 ug/L	100

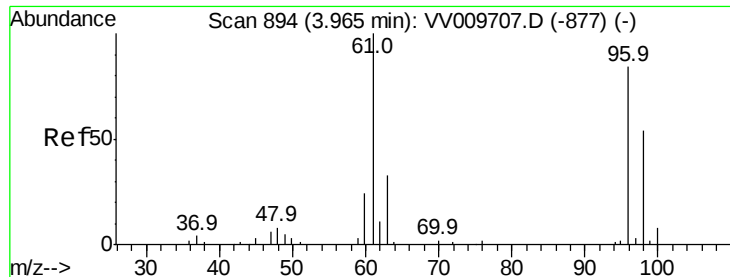
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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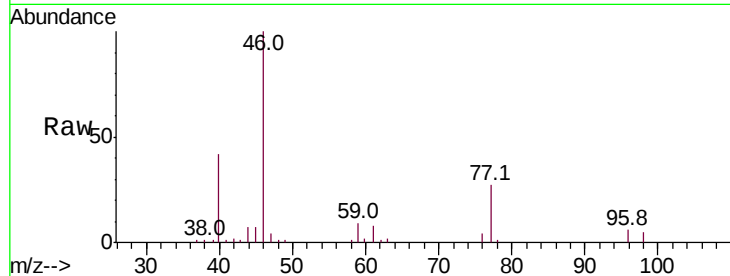


#20

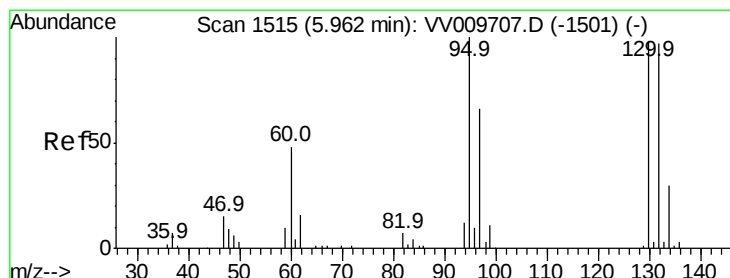
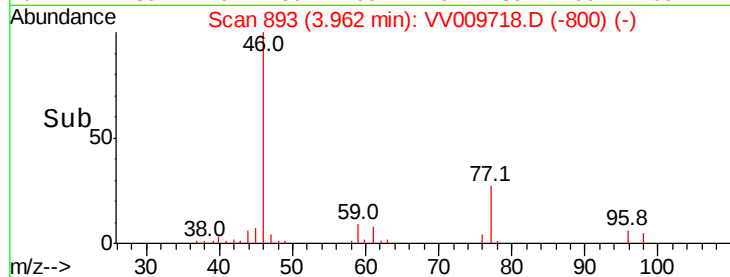
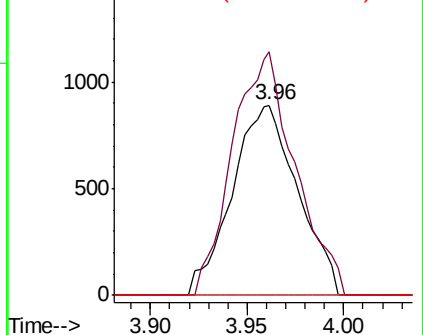
cis-1,2-Dichloroethene
 Concen: 1.718 ug/L
 RT: 3.96 min Scan# 893
 Delta R.T. -0.00 min
 Lab File: VV009718.D
 Acq: 16 Mar 2019 04:54

Instrument :
 MSVOA_V
 ClientSampled :
 BF0X0

Tot Ion: 96 Resp: 2105
 Ion Ratio Lower Upper
 96 100
 61 127.9 82.4 153.0
 68 0.0 0.0 0.0



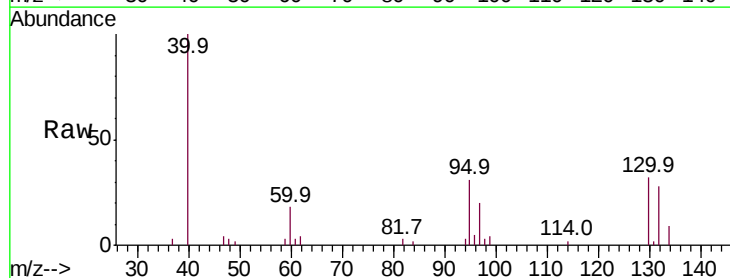
Abundance Ion 96.00 (95.70 to 96.70): VV0
 Ion 61.00 (60.70 to 61.70): VV0
 Ion 68.00 (67.70 to 68.70): VV0



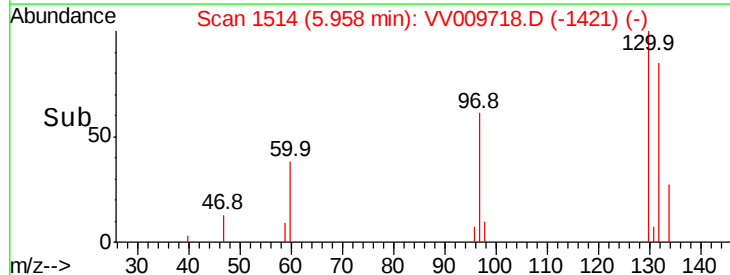
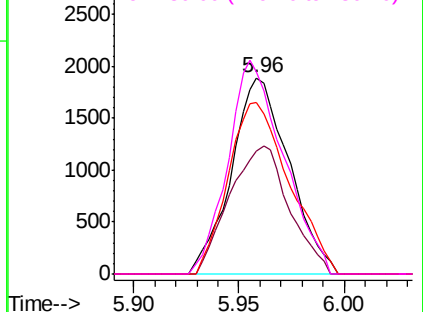
#34

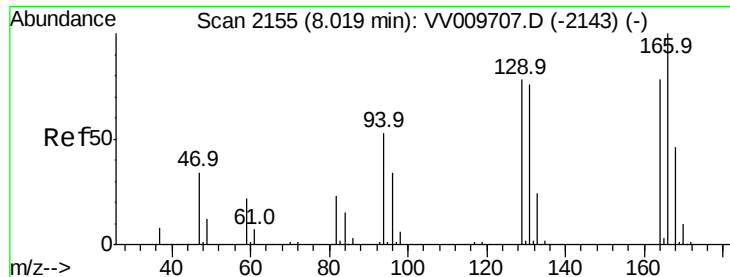
Trichloroethene
 Concen: 2.973 ug/L
 RT: 5.96 min Scan# 1514
 Delta R.T. -0.00 min
 Lab File: VV009718.D
 Acq: 16 Mar 2019 04:54

Tgt Ion: 95 Resp: 3592
 Ion Ratio Lower Upper
 95 100
 97 62.5 44.2 82.2
 132 87.6 66.5 123.5
 130 103.3 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: 450.171 ug/L

RT: 8.02 min Scan# 2155

Delta R.T. -0.00 min

Lab File: VV009718.D

Acq: 16 Mar 2019 04:54

Instrument :
MSVOA_V
ClientSampleId :
BF0X0

Tot Ion:164 Resp: 427575

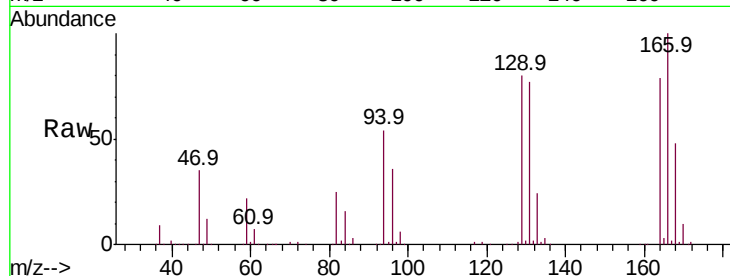
Ion Ratio Lower Upper

164 100

129 101.1 70.8 131.6

131 97.6 68.3 126.9

166 127.0 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

