

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV031619\
 Data File : VV009706.D
 Acq On : 15 Mar 2019 23:36
 Operator : SY/MD
 Sample : K1936-01
 Misc : 5.39g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BF0T8

Quant Time: Mar 16 04:31:49 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	319074	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	330824	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	169636	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	64422	34.11	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	68.22%
7) Chloroethane-d5	1.55	69	42397	21.57	ug/L	-0.03
Spiked Amount	50.000	Range	70 - 130	Recovery	=	43.14%#
11) 1,1-Dichloroethene-d2	2.10	63	163682	32.85	ug/L	-0.03
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.70%
21) 2-Butanone-d5	3.95	46	132307	94.81	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.81%
24) Chloroform-d	4.40	84	173521	42.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.12%
26) 1,2-Dichloroethane-d4	5.08	65	121025	44.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.68%
32) Benzene-d6	5.09	84	362399	42.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.26%
36) 1,2-Dichloropropane-d6	6.12	67	111158	43.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	86.42%
41) Toluene-d8	7.36	98	362844	43.30	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.60%
43) trans-1,3-Dichloropropene-	7.67	79	55877	42.06	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.12%
47) 2-Hexanone-d5	8.14	63	112261	99.78	ug/L	0.01
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.78%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	194479	47.07	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.14%
64) 1,2-Dichlorobenzene-d4	11.68	152	162748	45.48	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.96%

Target Compounds

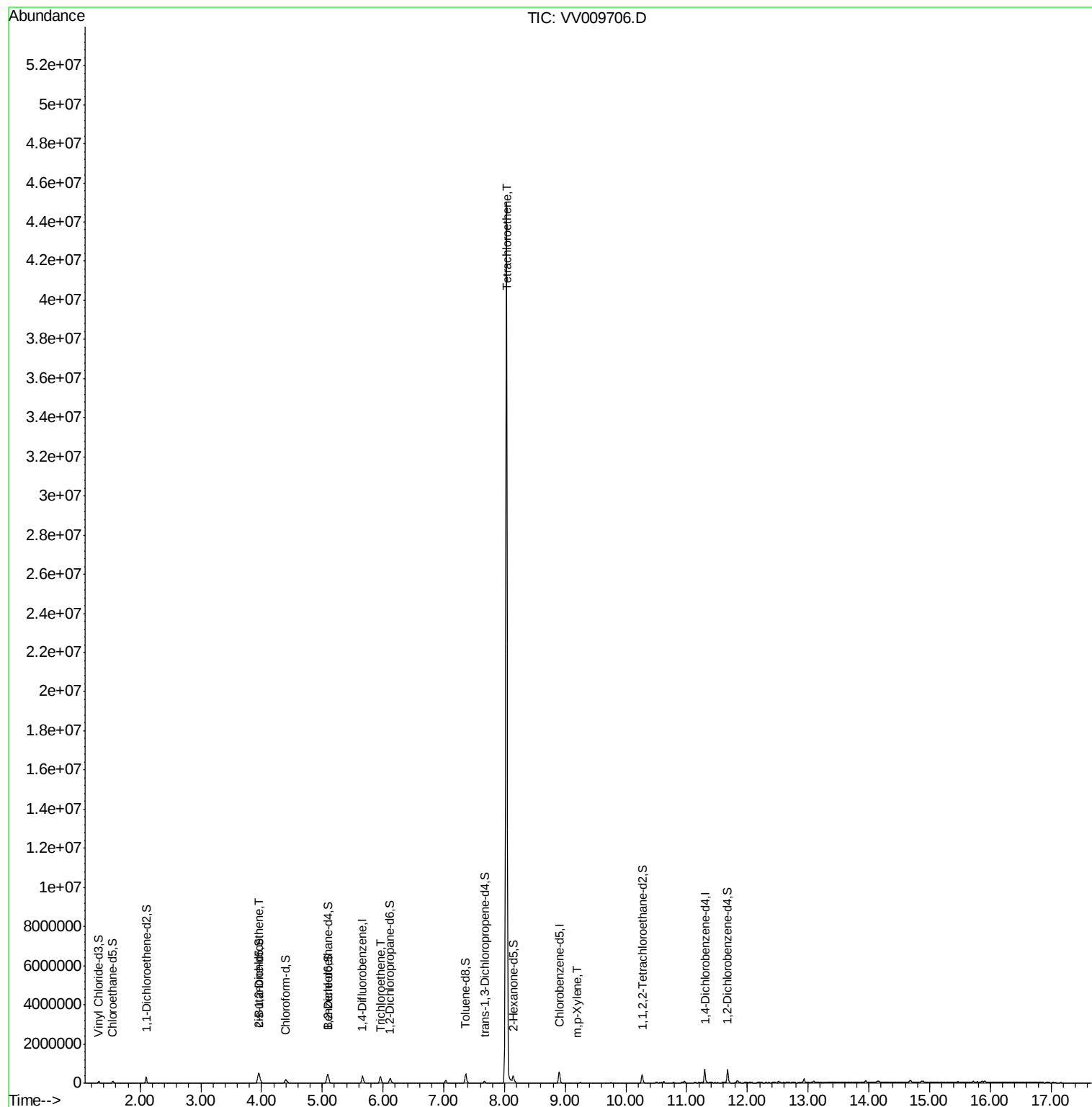
					Ovalue
20) cis-1,2-Dichloroethene	3.96	96	269460	122.907	ug/L 97
34) Trichloroethene	5.96	95	109848	49.569	ug/L 99
46) Tetrachloroethene	8.04	164	9752239	5597.520	ug/L 92
53) m,p-Xylene	9.19	106	4142	1.008	ug/L 92

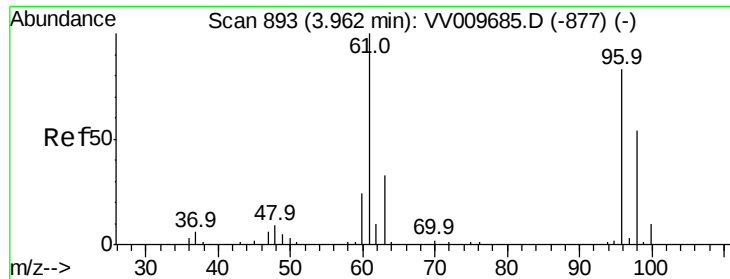
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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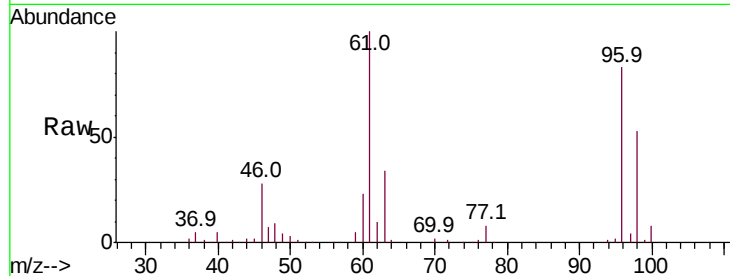




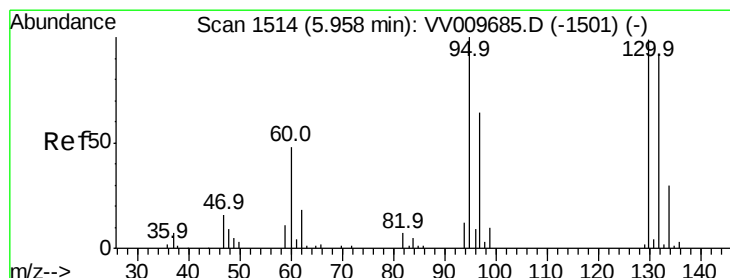
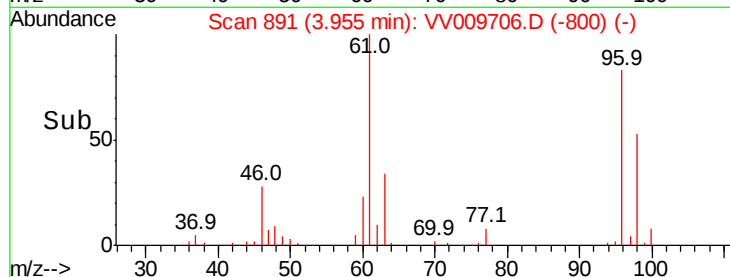
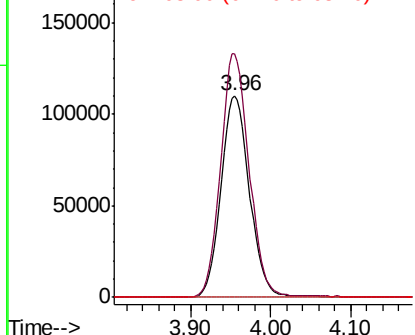
#20
 cis-1,2-Dichloroethene
 Concen: 122.907 ug/L
 RT: 3.96 min Scan# 891
 Delta R.T. -0.01 min
 Lab File: VV009706.D
 Acq: 15 Mar 2019 23:36

Instrument :
 MSVOA_V
 ClientSampleId :
 BF0T8

Tot Ion: 96 Resp: 269460
 Ion Ratio Lower Upper
 96 100
 61 120.5 82.4 153.0
 68 0.0 0.0 0.0

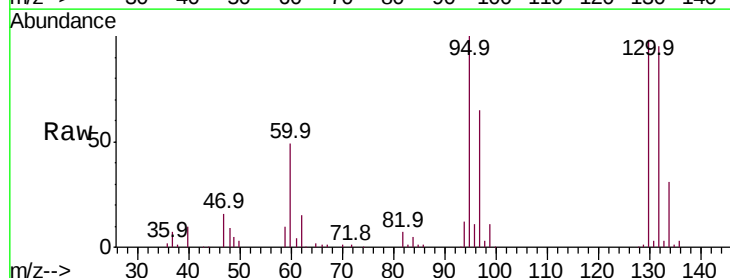


Abundance Ion 96.00 (95.70 to 96.70): VV0
 Ion 61.00 (60.70 to 61.70): VV0
 Ion 68.00 (67.70 to 68.70): VV0

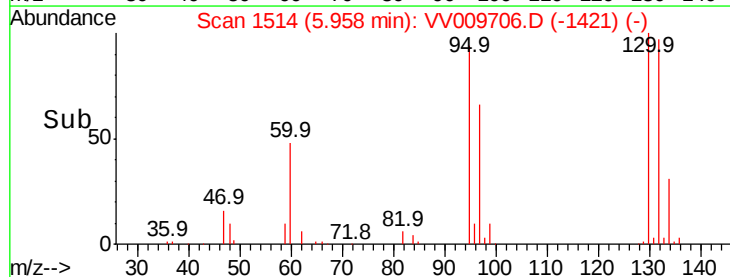
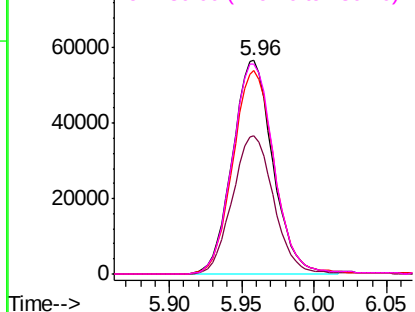


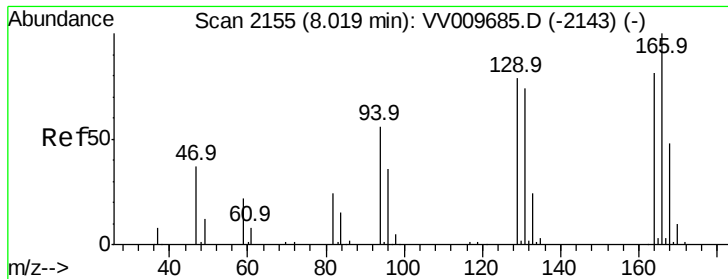
#34
 Trichloroethene
 Concen: 49.569 ug/L
 RT: 5.96 min Scan# 1514
 Delta R.T. -0.00 min
 Lab File: VV009706.D
 Acq: 15 Mar 2019 23:36

Tgt Ion: 95 Resp: 109848
 Ion Ratio Lower Upper
 95 100
 97 64.9 44.2 82.2
 132 95.4 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: 5597.520 ug/L

RT: 8.04 min Scan# 2160

Delta R.T. 0.02 min

Lab File: VV009706.D

Acq: 15 Mar 2019 23:36

Instrument :
MSVOA_V
ClientSampleId :
BF0T8

Tot Ion:164 Resp: 9752239

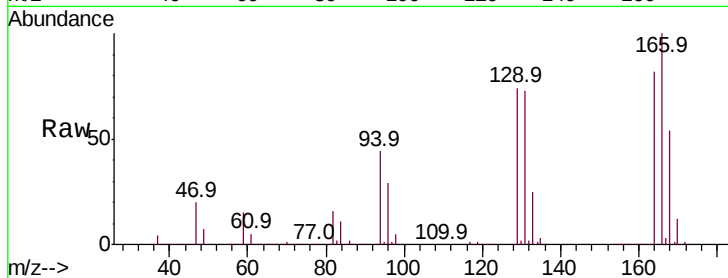
Ion Ratio Lower Upper

164 100

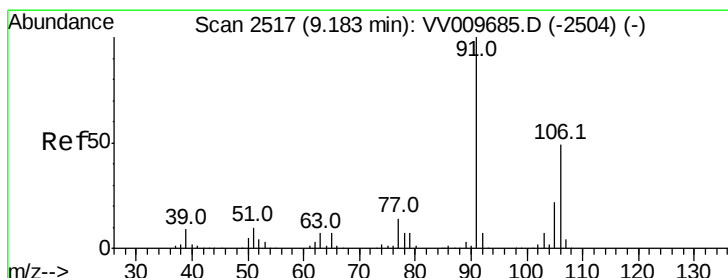
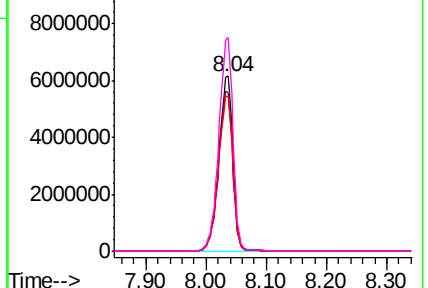
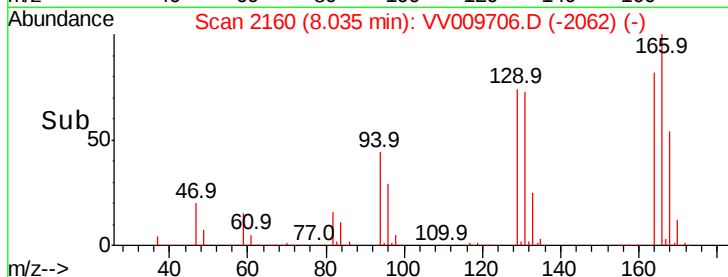
129 90.7 70.8 131.6

131 88.6 68.3 126.9

166 122.0 89.5 166.3



Abundance Ion 164.00 (163.70 to 164.70): V
1.2e+07
Ion 129.00 (128.70 to 129.70): V
1e+07
Ion 131.00 (130.70 to 131.70): V
Ion 166.00 (165.70 to 166.70): V



#53

m,p-Xylene

Concen: 1.008 ug/L

RT: 9.19 min Scan# 2518

Delta R.T. 0.00 min

Lab File: VV009706.D

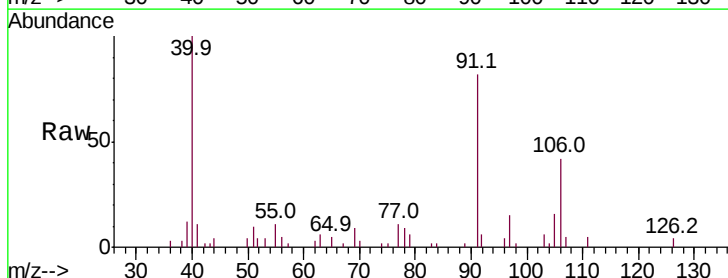
Acq: 15 Mar 2019 23:36

Tgt Ion:106 Resp: 4142

Ion Ratio Lower Upper

106 100

91 196.5 146.8 272.6



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): V

