

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV031619\
 Data File : VV009701.D
 Acq On : 15 Mar 2019 21:33
 Operator : SY/MD
 Sample : K1939-18
 Misc : 5.23g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BF0Y1

Quant Time: Mar 16 04:12:41 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	167972	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	171296	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	78036	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	37670	37.89	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	75.78%
7) Chloroethane-d5	1.55	69	24194	23.38	ug/L	-0.03
Spiked Amount	50.000	Range	70 - 130	Recovery	=	46.76%#
11) 1,1-Dichloroethene-d2	2.10	63	87312	33.29	ug/L	-0.03
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.58%
21) 2-Butanone-d5	3.95	46	69539	94.65	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.65%
24) Chloroform-d	4.40	84	95278	43.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.74%
26) 1,2-Dichloroethane-d4	5.08	65	66975	46.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.22%
32) Benzene-d6	5.09	84	197139	44.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.52%
36) 1,2-Dichloropropane-d6	6.12	67	60191	45.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.38%
41) Toluene-d8	7.36	98	190161	43.82	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.64%
43) trans-1,3-Dichloropropene-	7.67	79	27786	40.39	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.78%
47) 2-Hexanone-d5	8.14	63	61793	106.08	ug/L	0.01
Spiked Amount	100.000	Range	45 - 130	Recovery	=	106.08%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	97148	45.41	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.82%
64) 1,2-Dichlorobenzene-d4	11.68	152	73347	44.55	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.10%

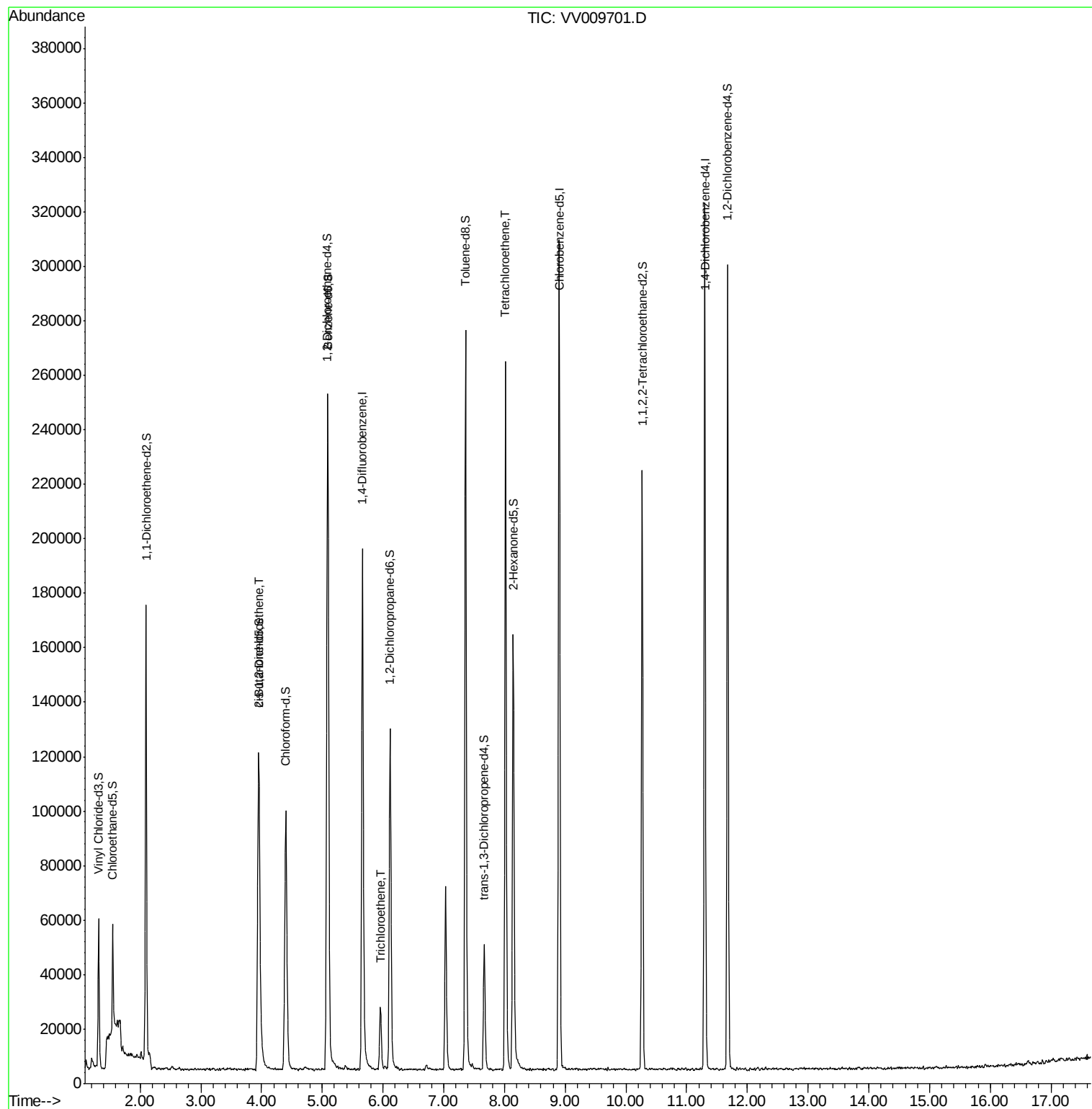
Target Compounds					Ovalue
20) cis-1,2-Dichloroethene	3.96	96	47452	41.114 ug/L	99
34) Trichloroethene	5.96	95	7847	6.839 ug/L	99
46) Tetrachloroethene	8.02	164	54188	60.068 ug/L	98

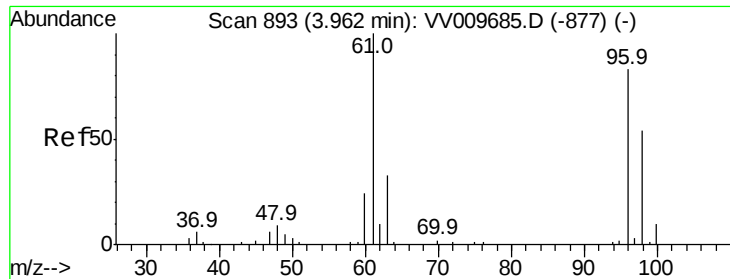
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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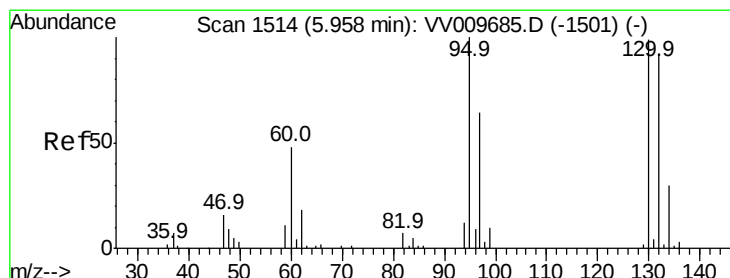
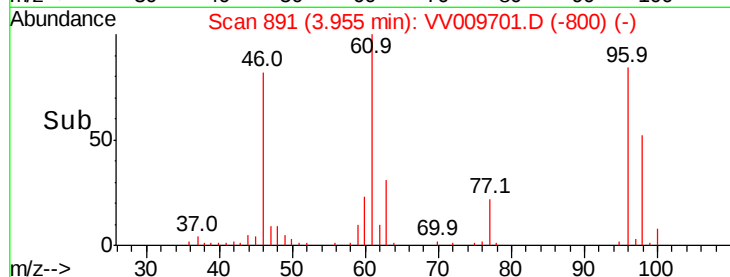
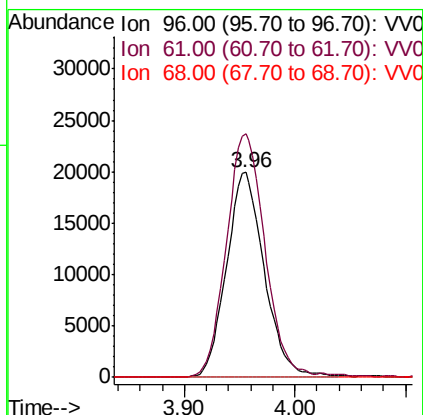
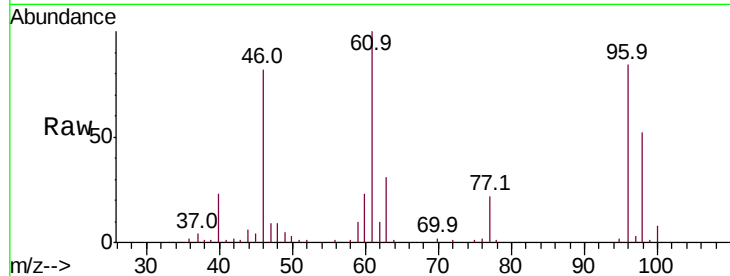




#20
 cis-1,2-Dichloroethene
 Concen: 41.114 ug/L
 RT: 3.96 min Scan# 891
 Delta R.T. -0.01 min
 Lab File: VV009701.D
 Acq: 15 Mar 2019 21:33

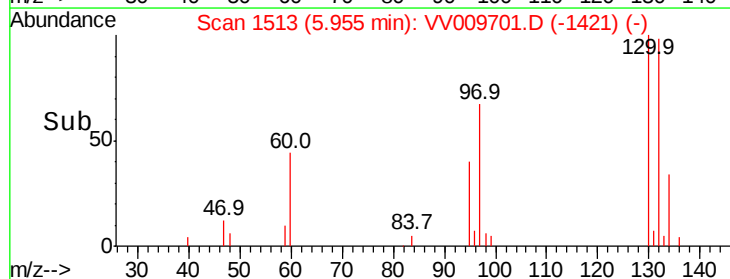
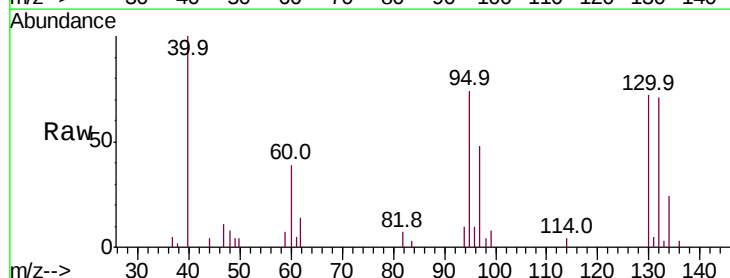
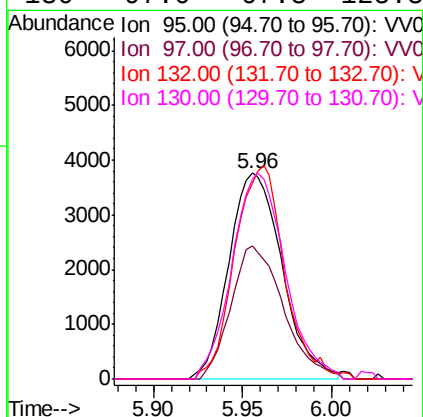
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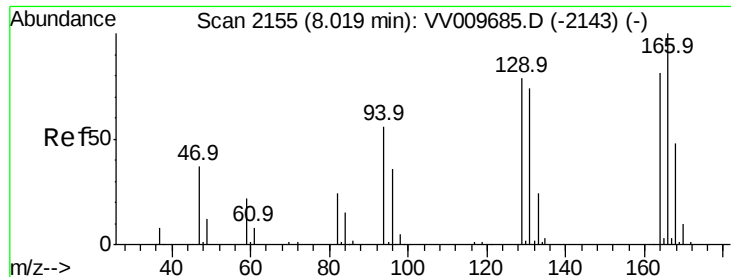
Tot Ion: 96 Resp: 47452
 Ion Ratio Lower Upper
 96 100
 61 118.7 82.4 153.0
 68 0.0 0.0 0.0



#34
 Trichloroethene
 Concen: 6.839 ug/L
 RT: 5.96 min Scan# 1513
 Delta R.T. -0.00 min
 Lab File: VV009701.D
 Acq: 15 Mar 2019 21:33

Tgt Ion: 95 Resp: 7847
 Ion Ratio Lower Upper
 95 100
 97 64.9 44.2 82.2
 132 95.0 66.5 123.5
 130 97.0 67.8 125.8





#46

Tetrachloroethene

Concen: 60.068 ug/L

RT: 8.02 min Scan# 2154

Delta R.T. -0.00 min

Lab File: VV009701.D

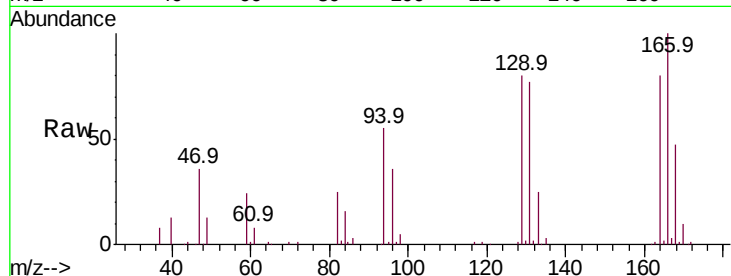
Acq: 15 Mar 2019 21:33

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MSVOA_V

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Tot Ion:164 Resp: 54188

Ion Ratio Lower Upper

164 100

129 99.7 70.8 131.6

131 96.6 68.3 126.9

166 125.3 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

