

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV031619\
 Data File : VV009689.D
 Acq On : 15 Mar 2019 16:39
 Operator : SY/MD
 Sample : K1939-06
 Misc : 5.59g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BF0S9

Quant Time: Mar 16 02:57:59 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	164718	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	164624	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	71079	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	39855	40.88	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.76%
7) Chloroethane-d5	1.55	69	24400	24.05	ug/L	-0.03
Spiked Amount	50.000	Range	70 - 130	Recovery	=	48.10%#
11) 1,1-Dichloroethene-d2	2.10	63	86359	33.58	ug/L	-0.03
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.16%
21) 2-Butanone-d5	3.95	46	72080	100.05	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.05%
24) Chloroform-d	4.40	84	98101	46.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.14%
26) 1,2-Dichloroethane-d4	5.08	65	67632	48.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.00%
32) Benzene-d6	5.09	84	199207	46.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.08%
36) 1,2-Dichloropropane-d6	6.12	67	62350	48.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.42%
41) Toluene-d8	7.36	98	194578	46.66	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.32%
43) trans-1,3-Dichloropropene-	7.67	79	28557	43.20	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.40%
47) 2-Hexanone-d5	8.14	63	60269	107.65	ug/L	0.01
Spiked Amount	100.000	Range	45 - 130	Recovery	=	107.65%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	99545	48.41	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.82%
64) 1,2-Dichlorobenzene-d4	11.68	152	72740	48.51	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.02%

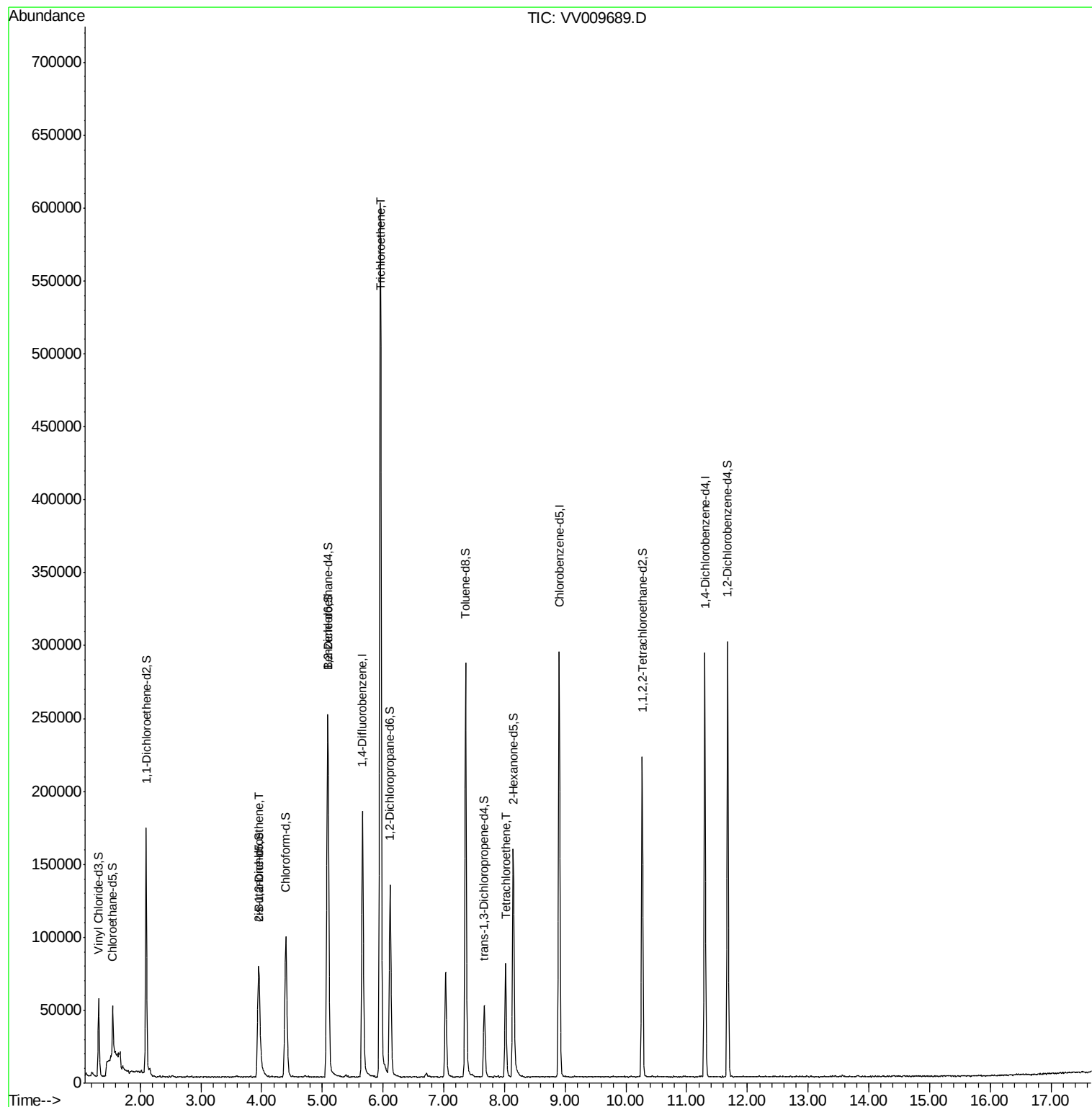
Target Compounds					Ovalue
20) cis-1,2-Dichloroethene	3.96	96	24798	21.910 ug/L	97
34) Trichloroethene	5.96	95	203224	184.288 ug/L	98
46) Tetrachloroethene	8.02	164	16178	18.660 ug/L	97

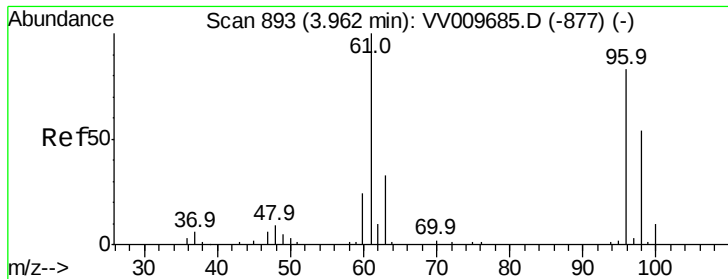
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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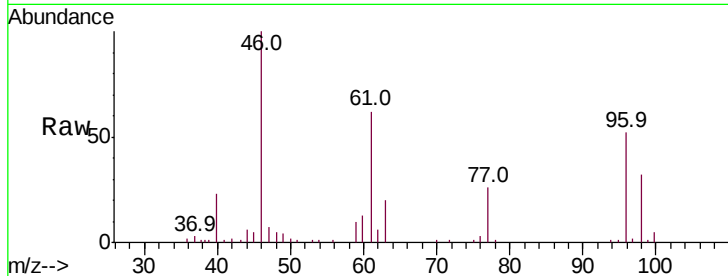




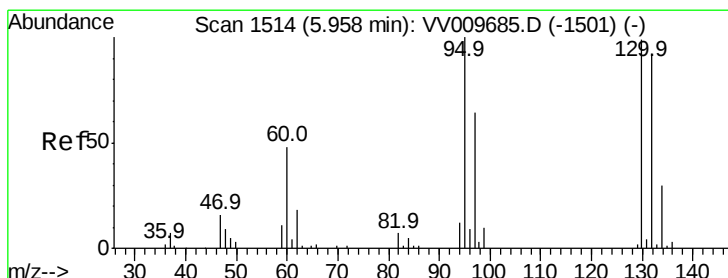
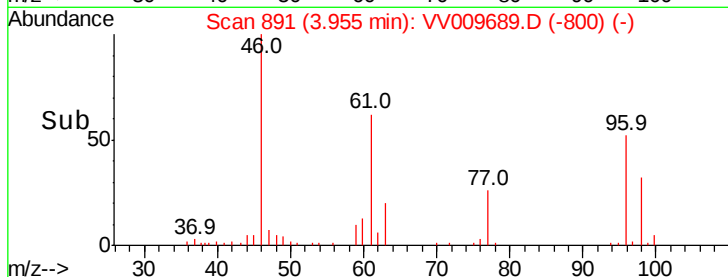
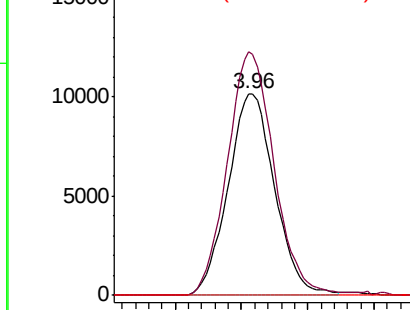
#20
 cis-1,2-Dichloroethene
 Concen: 21.910 ug/L
 RT: 3.96 min Scan# 891
 Delta R.T. -0.01 min
 Lab File: VV009689.D
 Acq: 15 Mar 2019 16:39

Instrument :
 MSVOA_V
 ClientSampleId :
 BF0S9

Tot Ion: 96 Resp: 24798
 Ion Ratio Lower Upper
 96 100
 61 120.7 82.4 153.0
 68 0.0 0.0 0.0

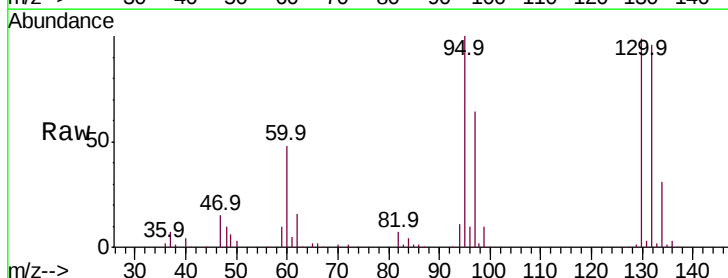


Abundance Ion 96.00 (95.70 to 96.70): VV0
 Ion 61.00 (60.70 to 61.70): VV0
 Ion 68.00 (67.70 to 68.70): VV0

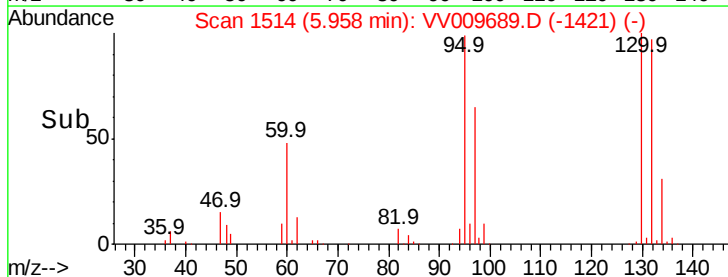
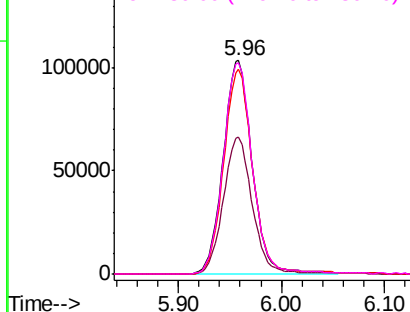


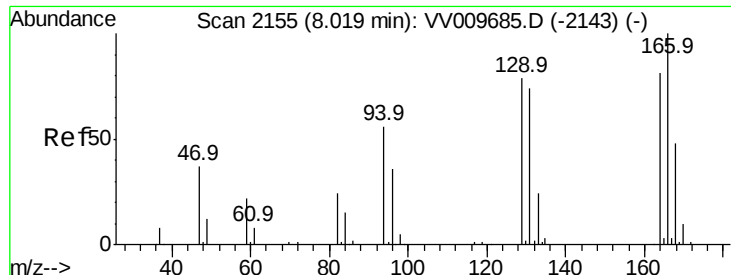
#34
 Trichloroethene
 Concen: 184.288 ug/L
 RT: 5.96 min Scan# 1514
 Delta R.T. -0.00 min
 Lab File: VV009689.D
 Acq: 15 Mar 2019 16:39

Tgt Ion: 95 Resp: 203224
 Ion Ratio Lower Upper
 95 100
 97 64.4 44.2 82.2
 132 96.1 66.5 123.5
 130 99.0 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: 18.660 ug/L

RT: 8.02 min Scan# 2155

Delta R.T. -0.00 min

Lab File: VV009689.D

Acq: 15 Mar 2019 16:39

Instrument :

MSVOA_V

ClientSampleId :

BF0S9

Tot Ion:164 Resp: 16178

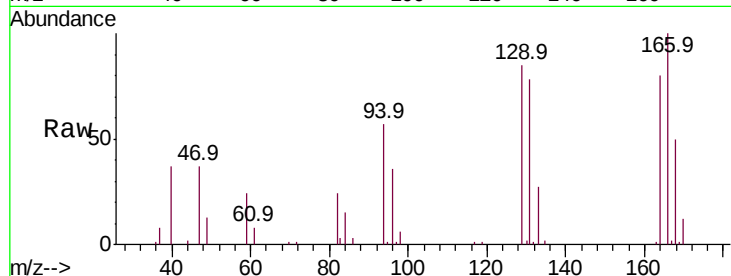
Ion Ratio Lower Upper

164 100

129 105.8 70.8 131.6

131 97.0 68.3 126.9

166 124.8 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

