

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV031619\
 Data File : VV009700.D
 Acq On : 15 Mar 2019 21:08
 Operator : SY/MD
 Sample : K1939-17
 Misc : 5.35g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BF0Y0

Quant Time: Mar 16 04:10:03 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	173986	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	171601	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	81227	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	38508	37.40	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	74.80%
7) Chloroethane-d5	1.55	69	23736	22.15	ug/L	-0.03
Spiked Amount	50.000	Range	70 - 130	Recovery	=	44.30%#
11) 1,1-Dichloroethene-d2	2.09	63	87464	32.20	ug/L	-0.04
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.40%
21) 2-Butanone-d5	3.95	46	72665	95.49	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.49%
24) Chloroform-d	4.40	84	96750	43.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.02%
26) 1,2-Dichloroethane-d4	5.08	65	66486	44.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.34%
32) Benzene-d6	5.09	84	198599	44.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.02%
36) 1,2-Dichloropropane-d6	6.12	67	61741	46.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.54%
41) Toluene-d8	7.36	98	189282	43.54	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.08%
43) trans-1,3-Dichloropropene-	7.67	79	27527	39.94	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.88%
47) 2-Hexanone-d5	8.14	63	61206	104.88	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.88%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	101130	47.19	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.38%
64) 1,2-Dichlorobenzene-d4	11.68	152	75659	44.15	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.30%

Target Compounds

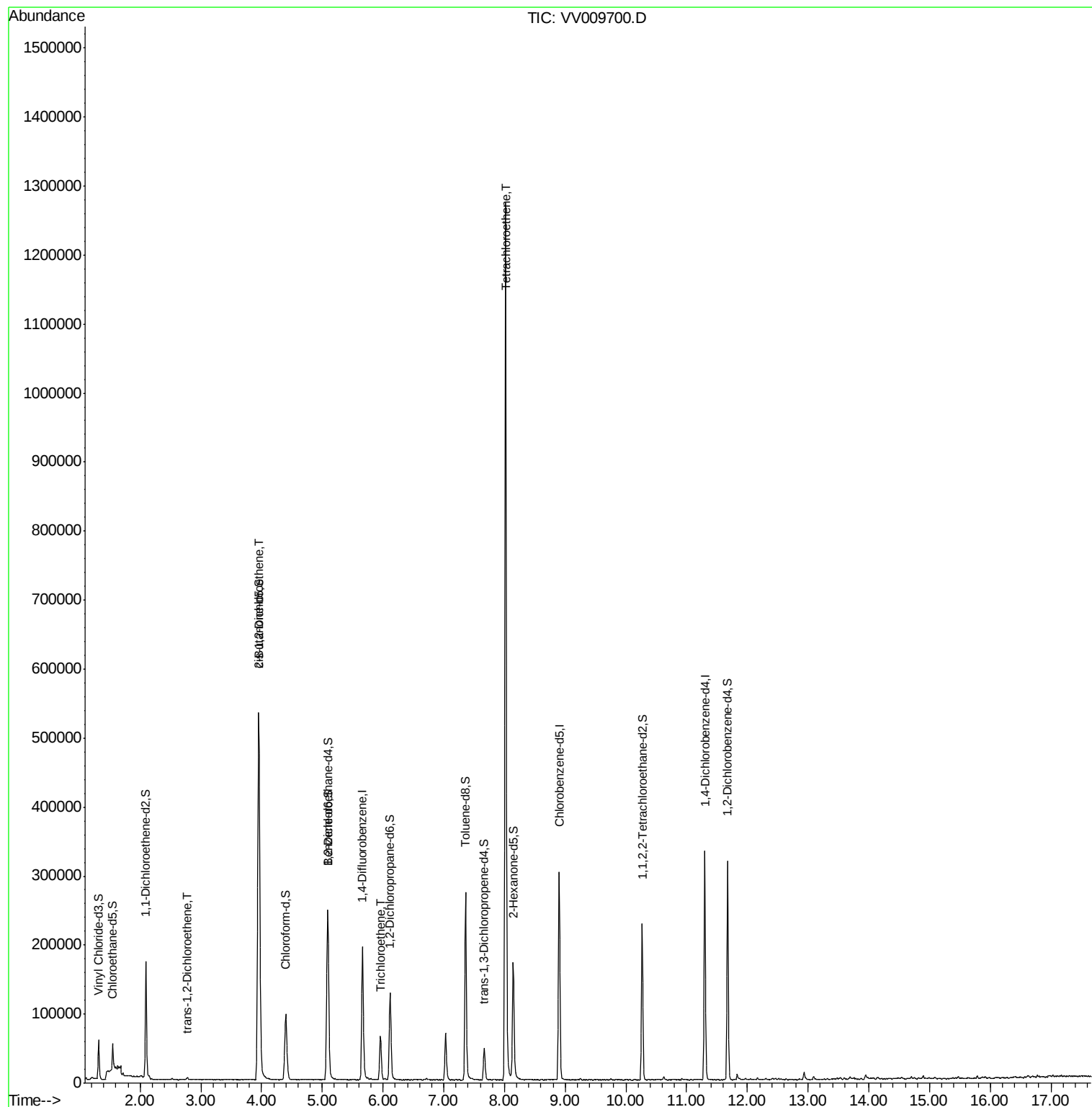
					Ovalue
17) trans-1,2-Dichloroethene	2.78	96	1117	1.087 ug/L	94
20) cis-1,2-Dichloroethene	3.95	96	283829	237.420 ug/L	98
34) Trichloroethene	5.96	95	21663	18.846 ug/L	97
46) Tetrachloroethene	8.02	164	259626	287.287 ug/L	99

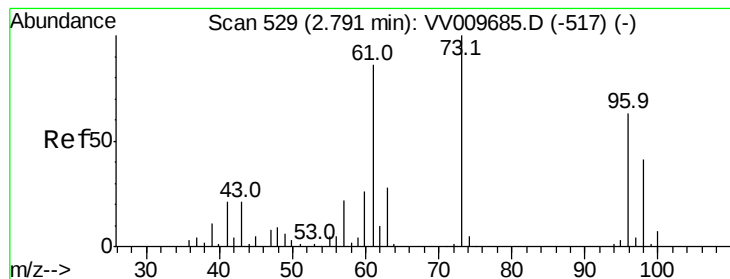
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#17

trans-1,2-Dichloroethene

Concen: 1.087 ug/L

RT: 2.78 min Scan# 525

Delta R.T. -0.01 min

Lab File: VV009700.D

Acq: 15 Mar 2019 21:08

Instrument :

MSVOA_V

ClientSampled :

BF0Y0

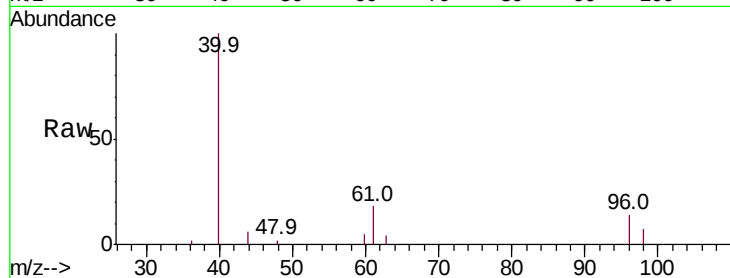
Tot Ion: 96 Resp: 1117

Ion Ratio Lower Upper

96 100

61 131.6 94.0 174.6

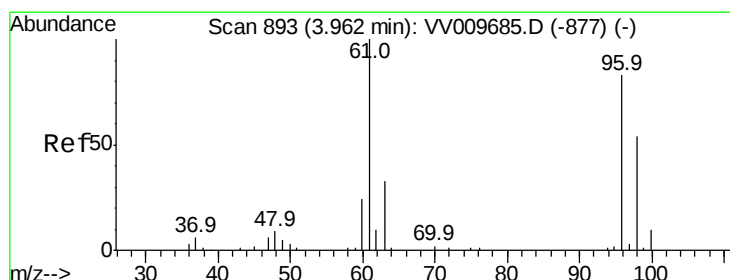
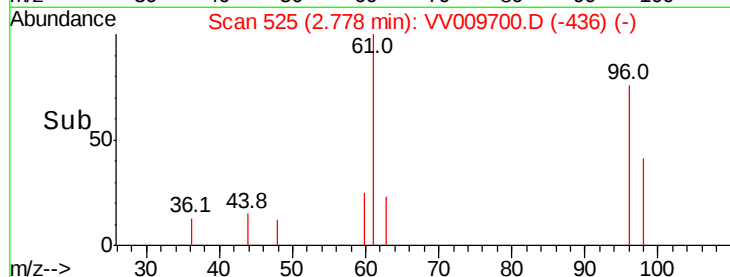
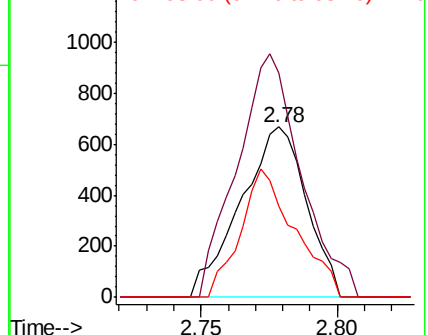
98 54.0 45.8 85.2



Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 98.00 (97.70 to 98.70): VV0



#20

cis-1,2-Dichloroethene

Concen: 237.420 ug/L

RT: 3.95 min Scan# 890

Delta R.T. -0.01 min

Lab File: VV009700.D

Acq: 15 Mar 2019 21:08

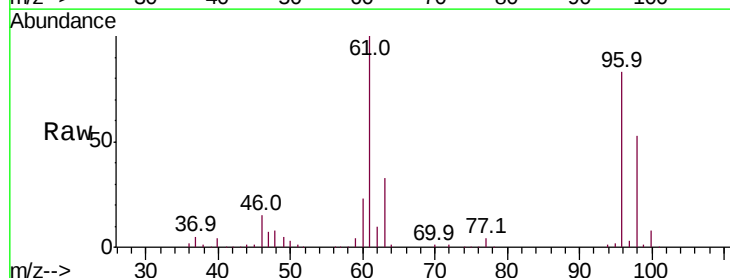
Tgt Ion: 96 Resp: 283829

Ion Ratio Lower Upper

96 100

61 119.9 82.4 153.0

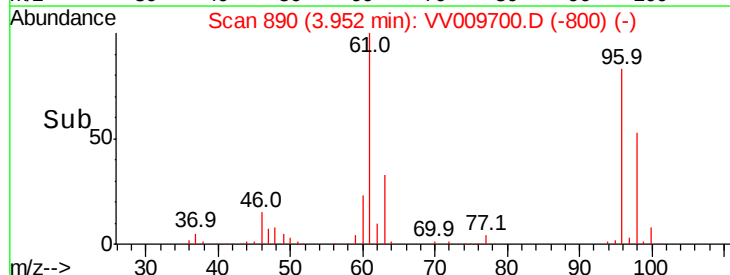
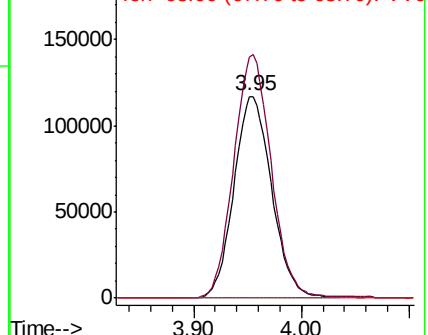
68 0.0 0.0 0.0

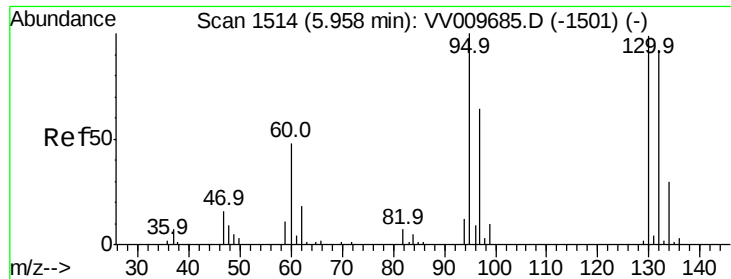


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 68.00 (67.70 to 68.70): VV0





#34

Trichloroethene

Concen: 18.846 ug/L

RT: 5.96 min Scan# 1514

Delta R.T. -0.00 min

Lab File: VV009700.D

Acq: 15 Mar 2019 21:08

Instrument :

MSVOA_V

ClientSampleId :

BF0Y0

Tot Ion: 95 Resp: 21663

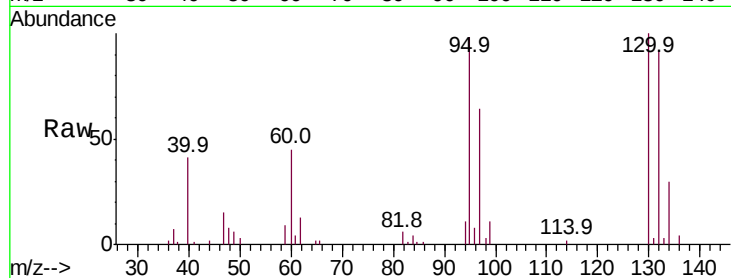
Ion Ratio Lower Upper

95 100

97 65.3 44.2 82.2

132 93.1 66.5 123.5

130 101.6 67.8 125.8

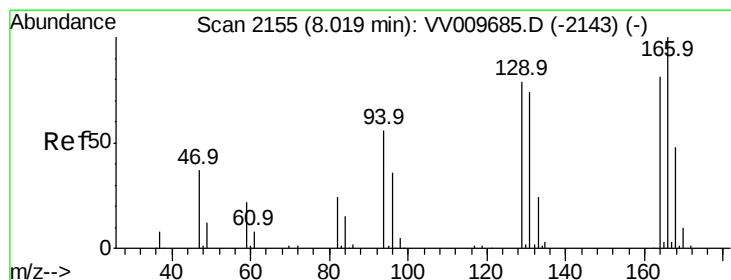
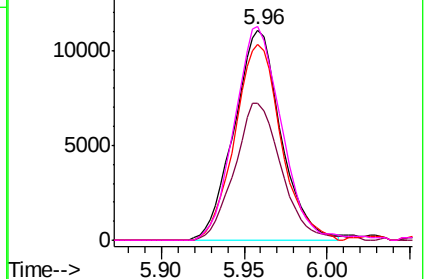
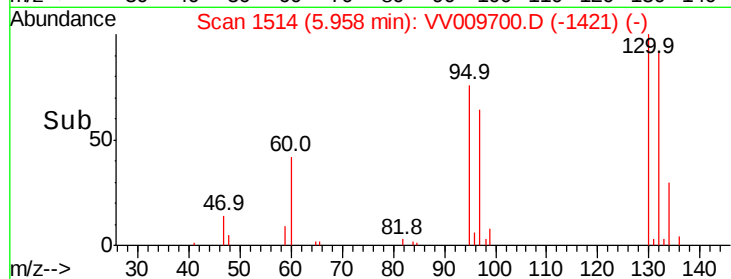


Abundance Ion 95.00 (94.70 to 95.70): VV0

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: 287.287 ug/L

RT: 8.02 min Scan# 2155

Delta R.T. -0.00 min

Lab File: VV009700.D

Acq: 15 Mar 2019 21:08

Tgt Ion:164 Resp: 259626

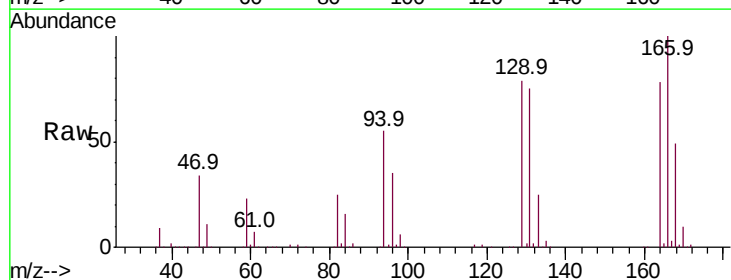
Ion Ratio Lower Upper

164 100

129 101.4 70.8 131.6

131 96.8 68.3 126.9

166 128.7 89.5 166.3



Abundance Ion 164.00 (163.70 to 164.70): VV0

Ion 129.00 (128.70 to 129.70): VV0

Ion 131.00 (130.70 to 131.70): VV0

Ion 166.00 (165.70 to 166.70): VV0

