

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100520\
 Data File : VV018681.D
 Acq On : 05 Oct 2020 18:21
 Operator : SY/MD
 Sample : L4254-10 50X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3P2

Quant Time: Oct 06 03:25:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Oct 06 02:11:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	258037	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	252893	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	119889	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	70215	46.40	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.80%
7) Chloroethane-d5	1.58	69	60899	48.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.34%
11) 1,1-Dichloroethene-d2	2.12	63	108244	35.10	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.20%
21) 2-Butanone-d5	3.92	46	102411	90.72	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.72%
24) Chloroform-d	4.37	84	142336	43.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.00%
26) 1,2-Dichloroethane-d4	5.05	65	91683	44.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.26%
32) Benzene-d6	5.07	84	250733	39.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	78.28%
36) 1,2-Dichloropropane-d6	6.09	67	80503	41.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	83.18%
41) Toluene-d8	7.34	98	256717	42.60	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.20%
43) trans-1,3-Dichloropropene-	7.64	79	42138	40.30	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.60%
47) 2-Hexanone-d5	8.11	63	50823	69.13	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	69.13%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	89224	34.77	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	69.54%
64) 1,2-Dichlorobenzene-d4	11.65	152	94222	40.87	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	81.74%

Target Compounds

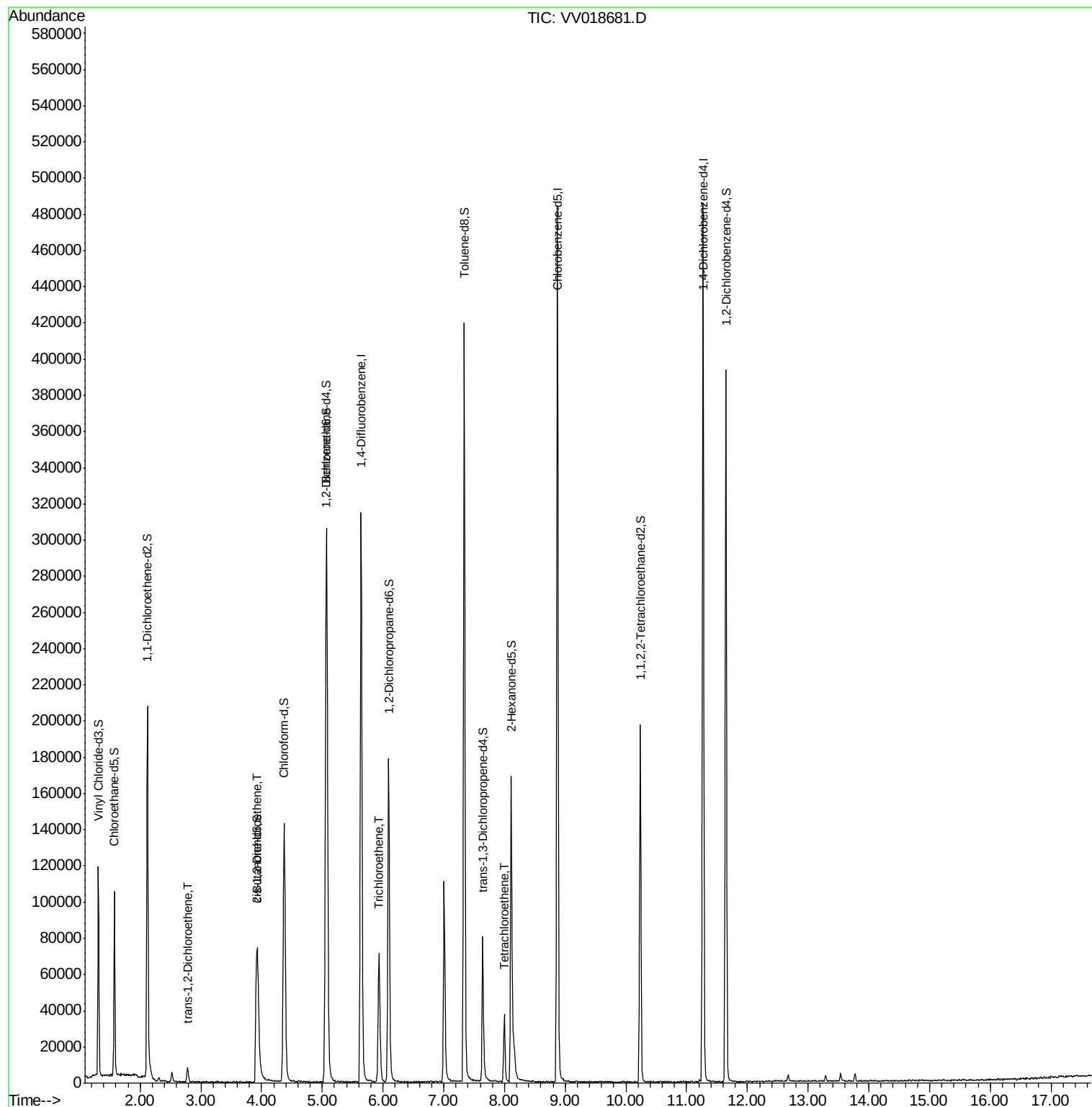
					Ovalue
17) trans-1,2-Dichloroethene	2.78	96	2938	1.594 ug/L	92
20) cis-1,2-Dichloroethene	3.94	96	18208	9.295 ug/L	97
34) Trichloroethene	5.94	95	17896	8.297 ug/L	95
46) Tetrachloroethene	8.00	164	7795	4.455 ug/L	88

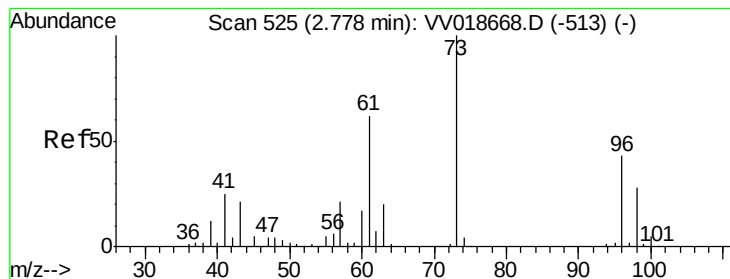
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#17

trans-1,2-Dichloroethene

Concen: 1.594 ug/L

RT: 2.78 min Scan# 525

Delta R.T. -0.00 min

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ClientSampleId :

BG3P2

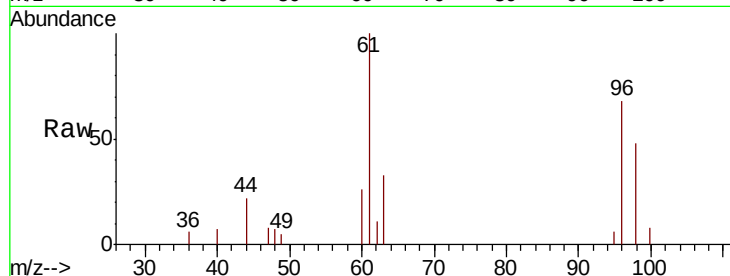
Tot Ion: 96 Resp: 2938

Ion Ratio Lower Upper

96 100

61 146.1 95.0 176.4

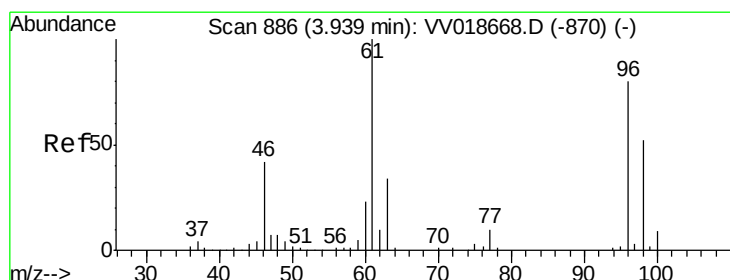
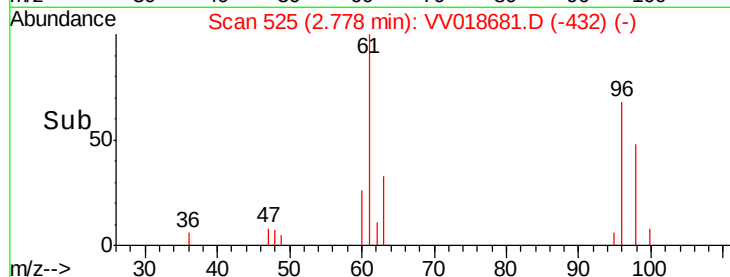
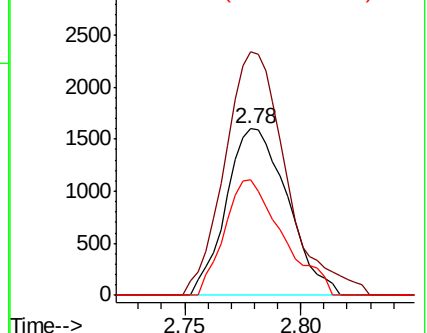
98 69.8 44.6 82.8



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: 9.295 ug/L

RT: 3.94 min Scan# 885

Delta R.T. -0.00 min

Lab File: VV018681.D

Acq: 05 Oct 2020 18:21

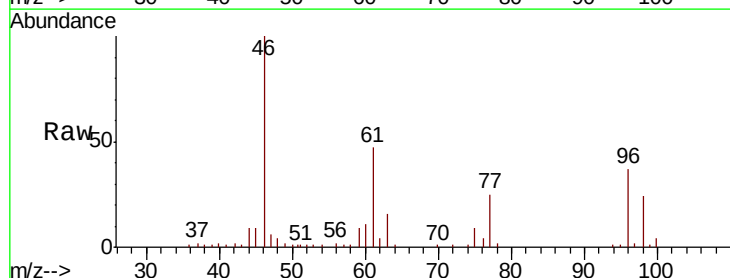
Tgt Ion: 96 Resp: 18208

Ion Ratio Lower Upper

96 100

61 127.3 86.8 161.2

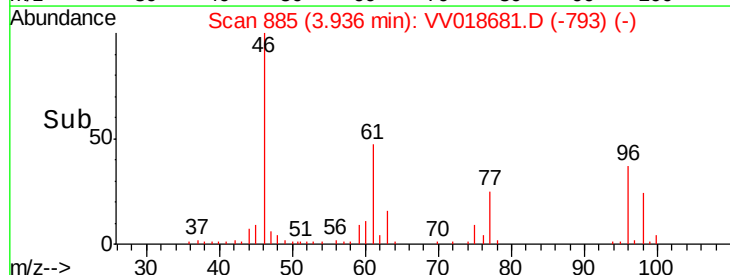
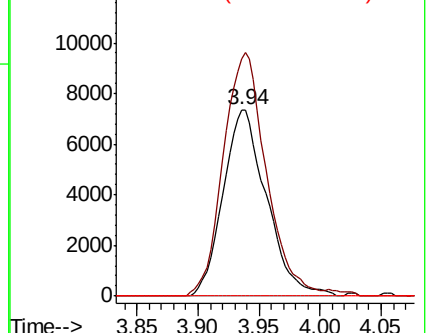
68 0.0 0.0 0.0

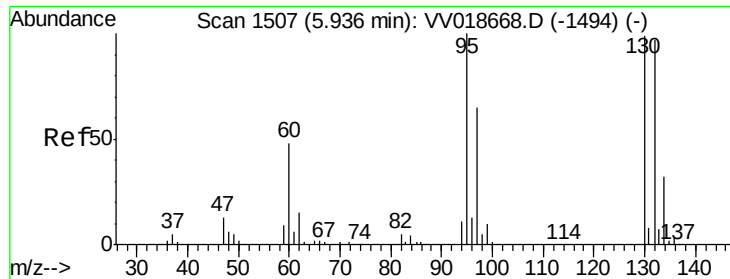


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 68.00 (67.70 to 68.70): VV0





#34

Trichloroethene

Concen: 8.297 ug/L

RT: 5.94 min Scan# 1508

Delta R.T. 0.00 min

Lab File: VV018681.D

Acq: 05 Oct 2020 18:21

Instrument :

MSVOA_V

ClientSampled :

BG3P2

Tot Ion: 95 Resp: 17896

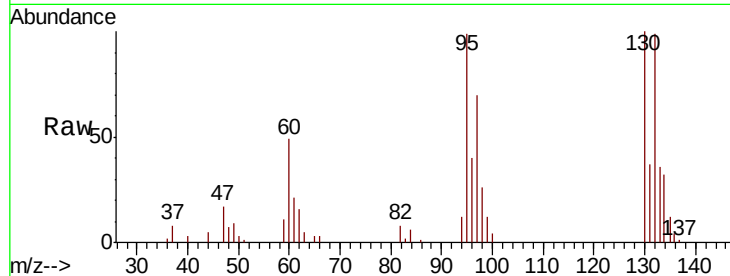
Ion Ratio Lower Upper

95 100

97 71.0 45.9 85.3

132 99.6 70.8 131.4

130 101.0 75.3 139.8

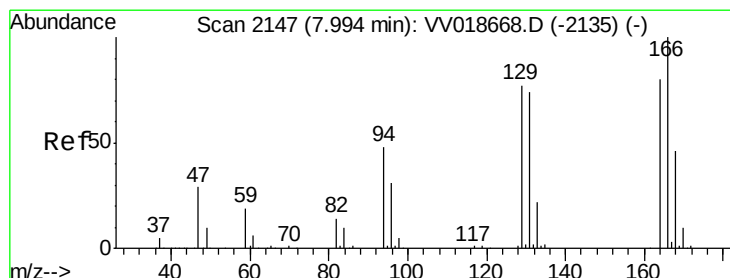
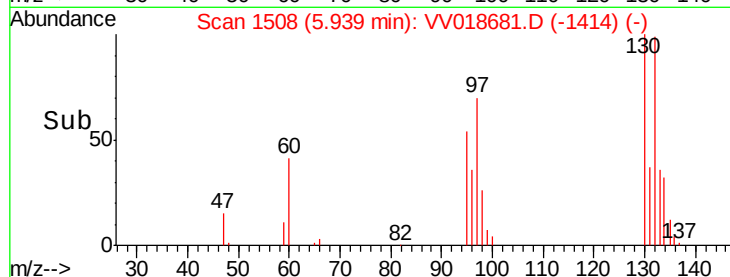
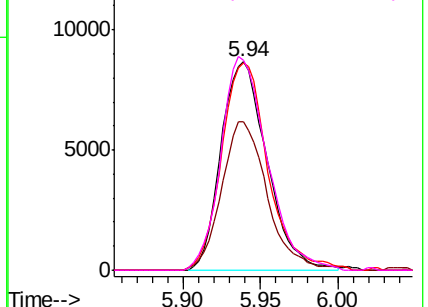


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 97.00 (96.70 to 97.70): VV0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#46

Tetrachloroethene

Concen: 4.455 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. 0.00 min

Lab File: VV018681.D

Acq: 05 Oct 2020 18:21

Tgt Ion:164 Resp: 7795

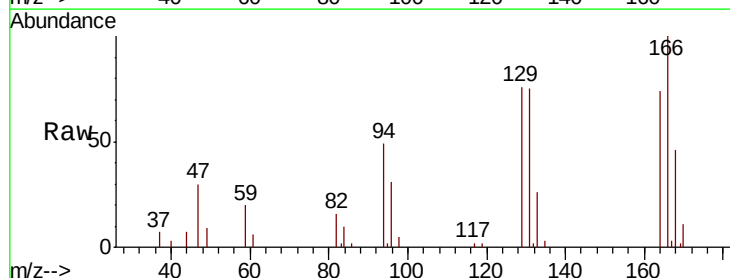
Ion Ratio Lower Upper

164 100

129 103.2 62.8 116.6

131 102.5 60.8 112.8

166 136.0 88.9 165.1



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

