

Data File : VV012510.D
Acq On : 01 Sep 2019 15:24
Operator : SY/MD
Sample : K4605-04 10X
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AA3

Quant Time: Sep 04 01:46:08 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090119WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Sep 04 00:42:16 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	321250	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	305371	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	117423	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	103867	48.88	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	97.76%
7) Chloroethane-d5	1.58	69	123439	53.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	106.82%
11) 1,1-Dichloroethene-d2	2.13	63	195005	33.72	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.44%
21) 2-Butanone-d5	3.94	46	187405	104.82	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.82%
24) Chloroform-d	4.40	84	212044	48.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.16%
26) 1,2-Dichloroethane-d4	5.08	65	145678	51.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.68%
32) Benzene-d6	5.10	84	377606	52.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.46%
36) 1,2-Dichloropropane-d6	6.12	67	135011	51.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.14%
41) Toluene-d8	7.36	98	340369	50.33	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.66%
43) trans-1,3-Dichloropropene-	7.66	79	57008	48.63	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.26%
47) 2-Hexanone-d5	8.14	63	106729	103.87	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.87%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	183660	49.80	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.60%
64) 1,2-Dichlorobenzene-d4	11.67	152	127533	56.04	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	112.08%

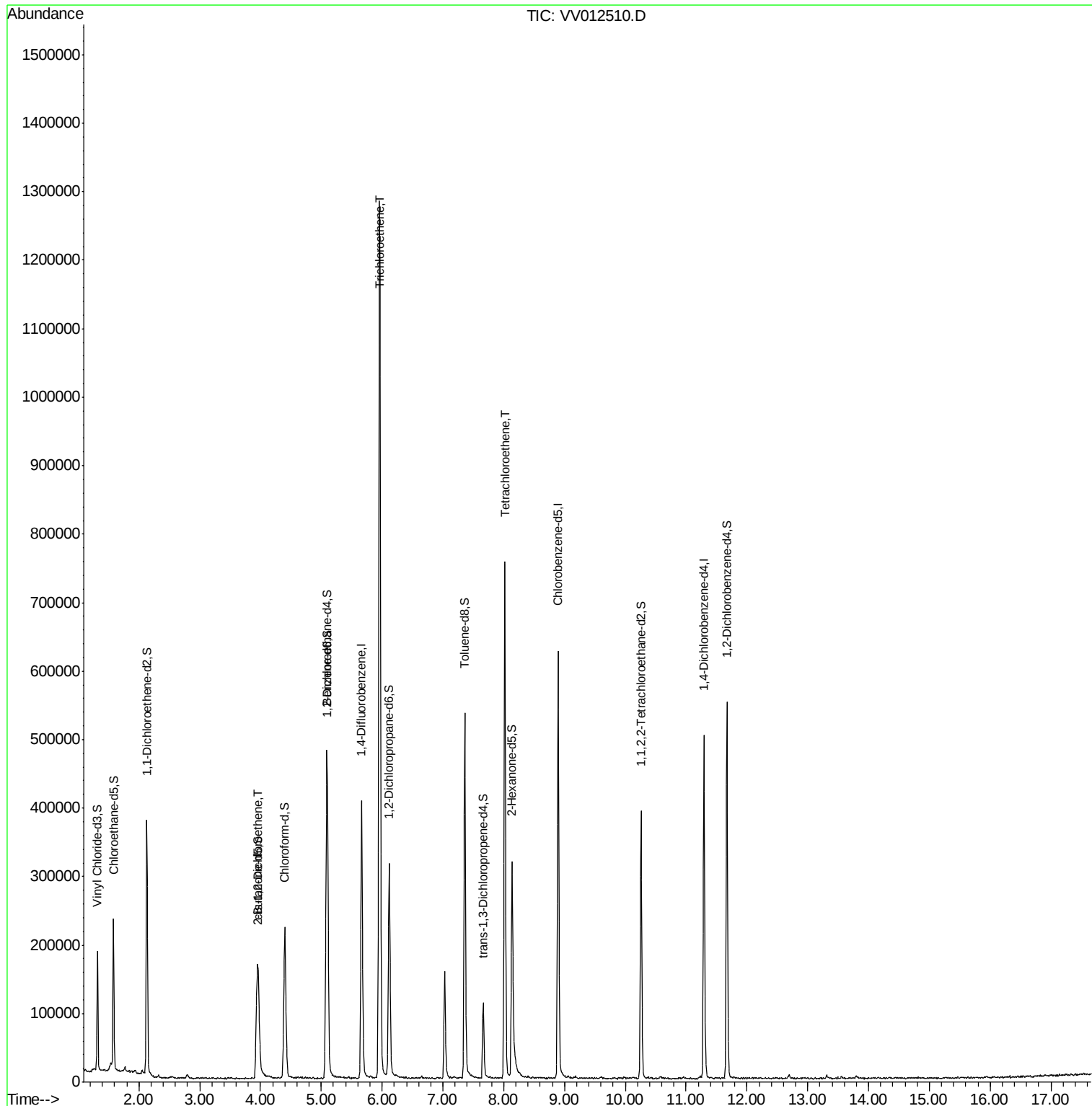
Target Compounds					Qvalue
20) cis-1,2-Dichloroethene	3.96	96	56246m	22.220 ug/L	
34) Trichloroethene	5.96	95	421585	162.983 ug/L	97
46) Tetrachloroethene	8.02	164	151706	86.069 ug/L	98

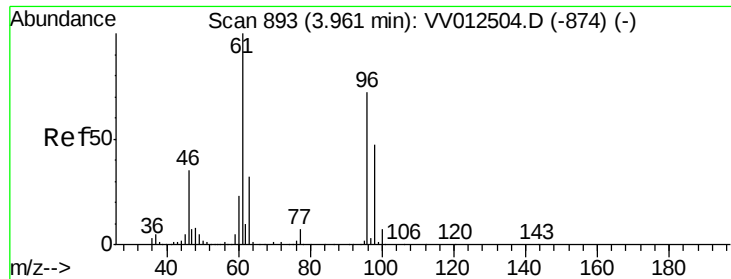
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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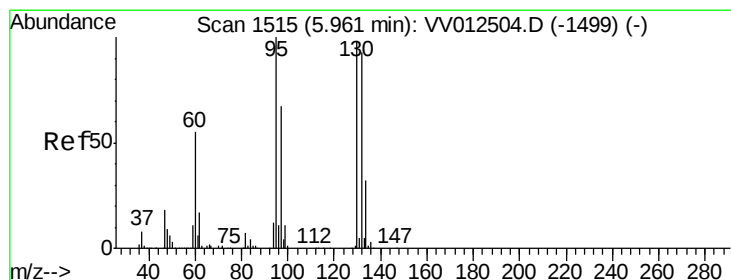
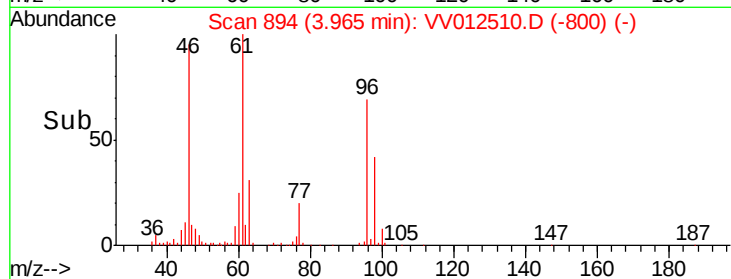
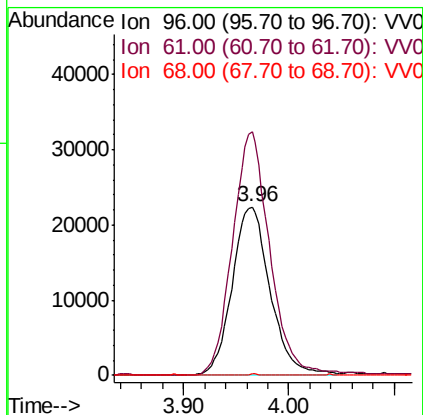
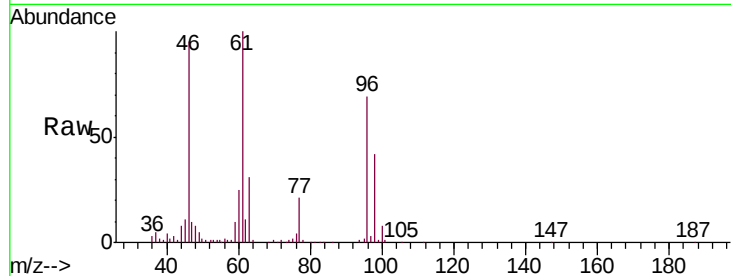


#20

cis-1,2-Dichloroethene
Concen: 22.220 ug/L m
RT: 3.96 min Scan# 894
Delta R.T. 0.00 min
Lab File: VV012510.D
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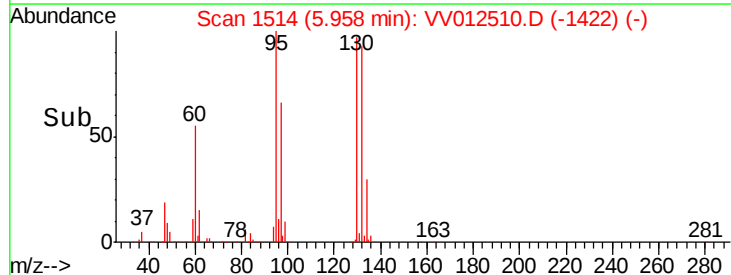
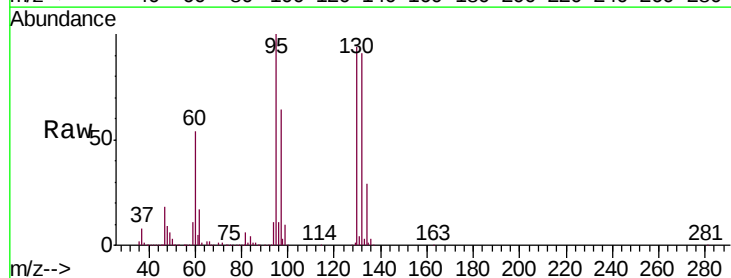
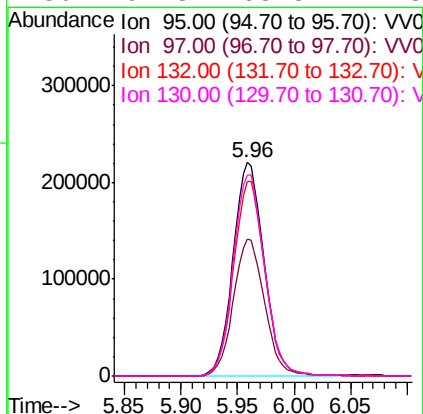
Tgt Ion: 96 Resp: 56246
Ion Ratio Lower Upper
96 100
61 144.5 97.8 181.6
68 0.7 0.0 0.0#

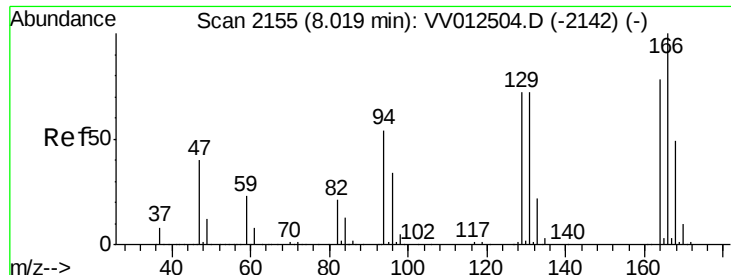


#34

Trichloroethene
Concen: 162.983 ug/L
RT: 5.96 min Scan# 1514
Delta R.T. -0.00 min
Lab File: VV012510.D
Acq: 01 Sep 2019 15:24

Tgt Ion: 95 Resp: 421585
Ion Ratio Lower Upper
95 100
97 63.9 46.8 86.8
132 90.8 64.9 120.5
130 94.3 68.8 127.8





#46

Tetrachloroethene

Concen: 86.069 ug/L

RT: 8.02 min Scan# 2154

Delta R.T. -0.00 min

Lab File: VV012510.D

Acq: 01 Sep 2019 15:24

Instrument :

MSVOA_V

ClientSampleId :

C0AA3

Tgt Ion:164 Resp: 151706

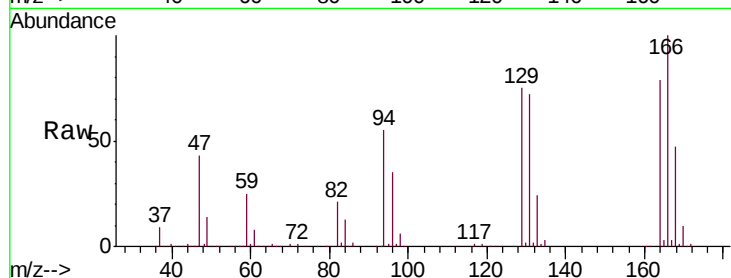
Ion Ratio Lower Upper

164 100

129 95.0 64.8 120.4

131 91.2 64.3 119.5

166 126.0 89.7 166.7



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

