

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV111819\
 Data File : VV013666.D
 Acq On : 18 Nov 2019 19:00
 Operator : SY/MD
 Sample : K5910-11
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GAQJ4

Quant Time: Nov 19 06:38:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR111519WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Nov 19 04:25:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	341175	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	336530	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	157609	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	93355	4.43	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.60%
7) Chloroethane-d5	1.58	69	90357	4.80	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.00%
11) 1,1-Dichloroethene-d2	2.13	63	132404	3.50	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.00%
20) 2-Butanone-d5	3.93	46	240439	49.33	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.66%
24) Chloroform-d	4.40	84	213894	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.80%
26) 1,2-Dichloroethane-d4	5.08	65	106911	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.60%
32) Benzene-d6	5.10	84	416419	4.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.80%
36) 1,2-Dichloropropane-d6	6.12	67	127278	4.59	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.80%
41) Toluene-d8	7.36	98	349020	4.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.00%
43) trans-1,3-Dichloropropene-	7.66	79	45679	4.28	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.60%
46) 2-Hexanone-d5	8.13	63	167526	41.50	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.00%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	90913	4.53	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.60%
64) 1,2-Dichlorobenzene-d4	11.67	152	147891	4.88	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.60%

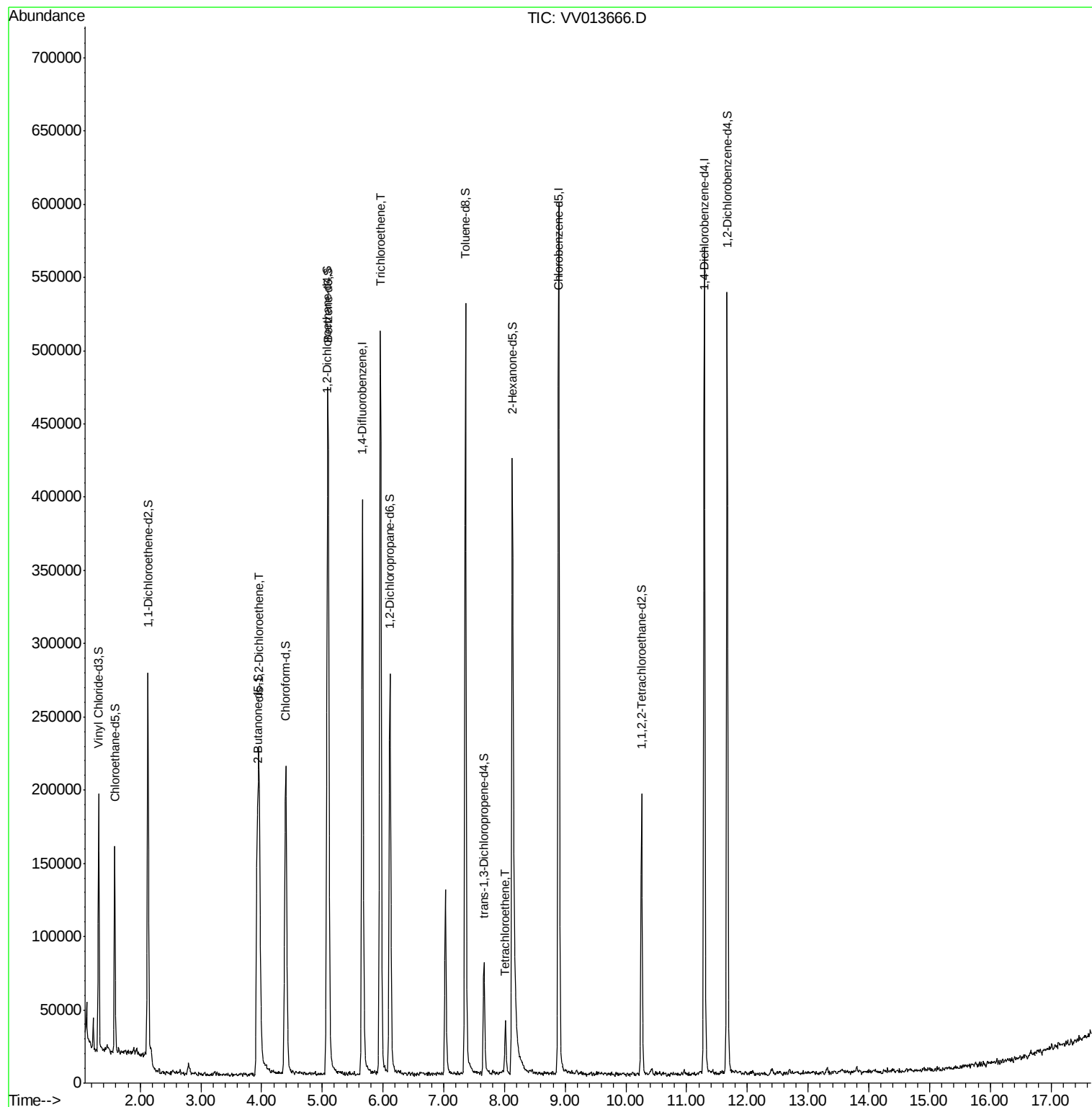
Target Compounds					Ovalue
22) cis-1,2-Dichloroethene	3.96	96	96731	3.708 ug/L #	99
34) Trichloroethene	5.96	95	173639	6.369 ug/L	99
47) Tetrachloroethene	8.02	164	8370	0.331 ug/L	95

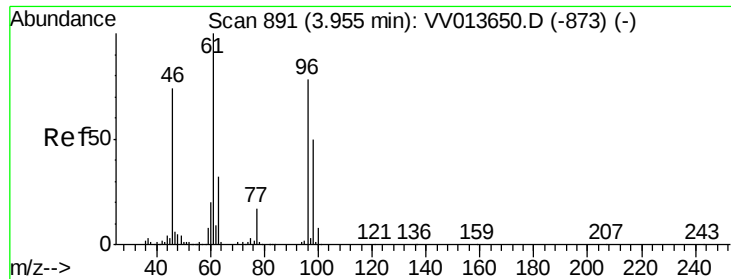
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#22

cis-1,2-Dichloroethene

Concen: 3.708 ug/L

RT: 3.96 min Scan# 892

Delta R.T. 0.00 min

Lab File: VV013666.D

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GAQJ4

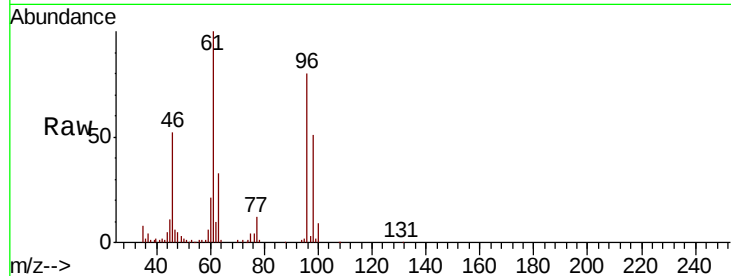
Tot Ion: 96 Resp: 96731

Ion Ratio Lower Upper

96 100

61 124.6 87.7 162.9

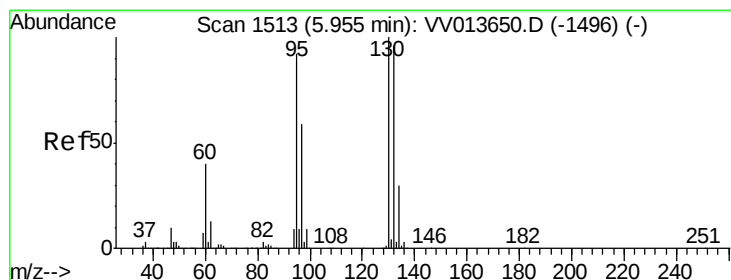
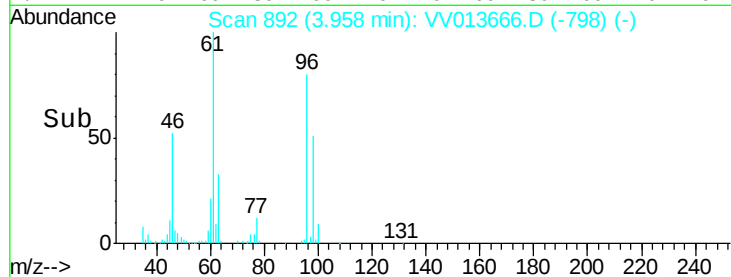
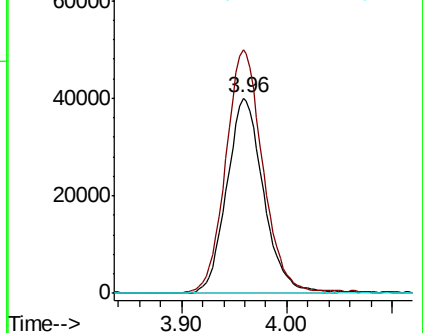
68 0.0 0.1 0.3#



Abundance Ion 96.00 (95.70 to 96.70): VV013666.D (-798) (-)

Ion 61.05 (60.75 to 61.75): VV013666.D (-798) (-)

Ion 68.15 (67.85 to 68.85): VV013666.D (-798) (-)



#34

Trichloroethene

Concen: 6.369 ug/L

RT: 5.96 min Scan# 1514

Delta R.T. 0.00 min

Lab File: VV013666.D

Acq: 18 Nov 2019 19:00

Tgt Ion: 95 Resp: 173639

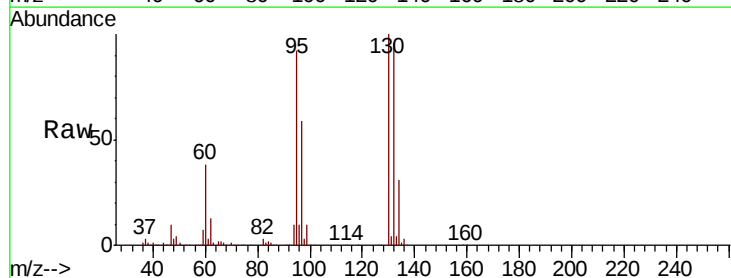
Ion Ratio Lower Upper

95 100

97 63.8 44.8 83.2

132 104.6 72.9 135.3

130 108.7 75.1 139.5

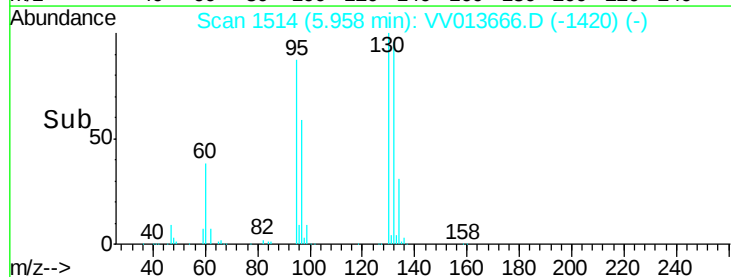
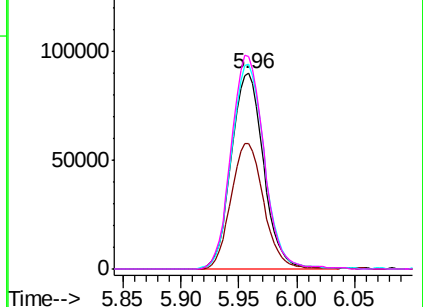


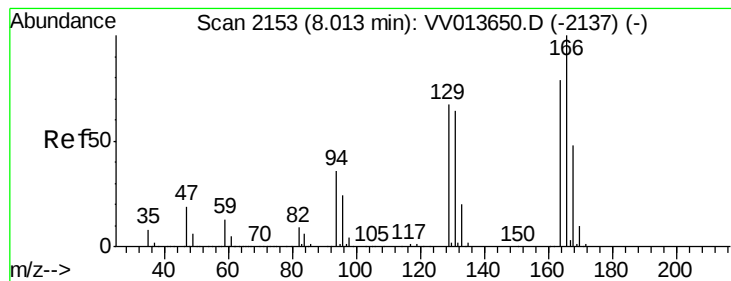
Abundance Ion 95.00 (94.70 to 95.70): VV013666.D (-1420) (-)

Ion 96.95 (96.65 to 97.65): VV013666.D (-1420) (-)

Ion 131.95 (131.65 to 132.65): VV013666.D (-1420) (-)

Ion 129.95 (129.65 to 130.65): VV013666.D (-1420) (-)





#47

Tetrachloroethene

Concen: 0.331 ug/L

RT: 8.02 min Scan# 2155

Delta R.T. 0.01 min

Lab File: VV013666.D

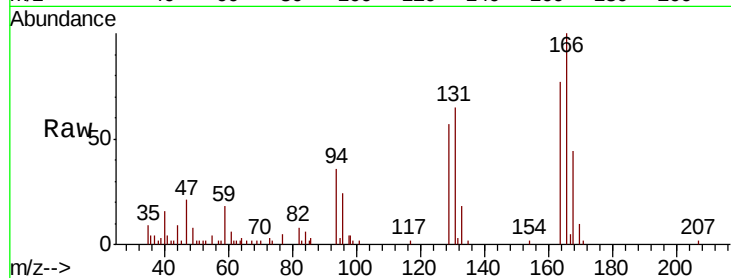
Acq: 18 Nov 2019 19:00

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Tot Ion:164 Resp: 8370

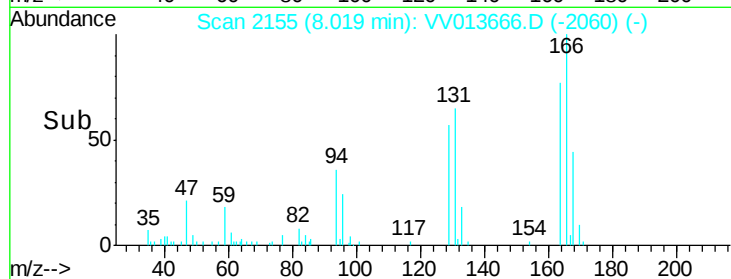
Ion Ratio Lower Upper

164 100

129 73.9 59.1 109.9

131 84.7 58.9 109.5

166 129.9 87.8 163.2



Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V

