

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV120319\
 Data File : VV013888.D
 Acq On : 03 Dec 2019 13:01
 Operator : SY/MD
 Sample : K6083-03DL 20X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AA2DL

Quant Time: Dec 16 15:37:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM120219WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Dec 04 01:11:22 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	671469	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	699854	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	270435	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	167050	43.02	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.04%
7) Chloroethane-d5	1.57	69	185329	45.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.44%
11) 1,1-Dichloroethene-d2	2.13	63	284646	33.15	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.30%
21) 2-Butanone-d5	3.92	46	252593	92.41	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.41%
24) Chloroform-d	4.40	84	372987	45.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.46%
26) 1,2-Dichloroethane-d4	5.07	65	268922	52.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.08%
32) Benzene-d6	5.09	84	819524	45.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.38%
36) 1,2-Dichloropropane-d6	6.11	67	260794	47.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.82%
41) Toluene-d8	7.35	98	711394	43.03	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.06%
43) trans-1,3-Dichloropropene-	7.66	79	108683	41.03	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.06%
47) 2-Hexanone-d5	8.13	63	160930	79.17	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	79.17%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	359019	45.55	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.10%
64) 1,2-Dichlorobenzene-d4	11.67	152	314393	59.19	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	118.38%

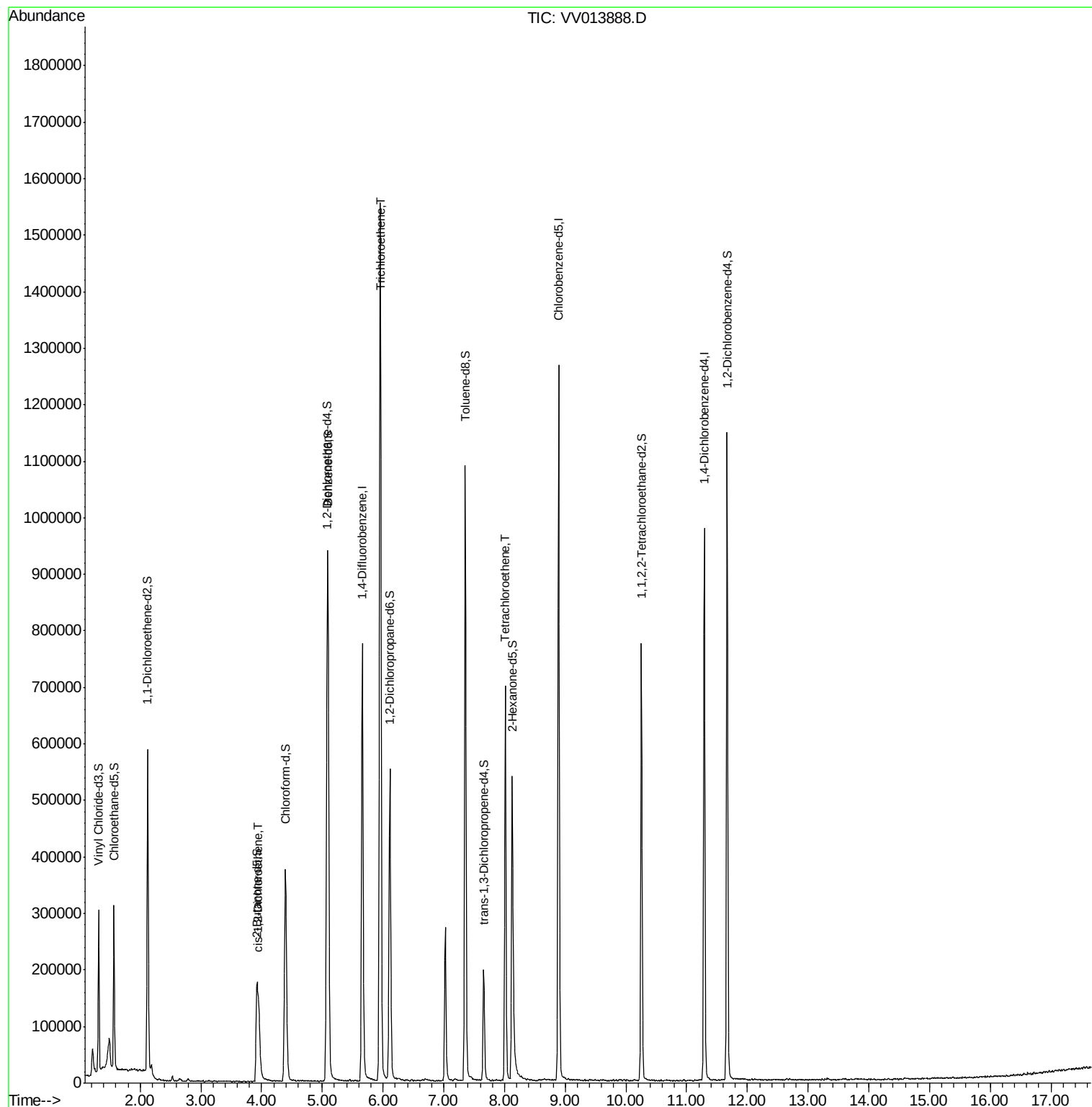
Target Compounds					Ovalue
20) cis-1,2-Dichloroethene	3.96	96	49197	9.521 ug/L	96
34) Trichloroethene	5.95	95	515414	92.204 ug/L	98
46) Tetrachloroethene	8.02	164	160553	31.829 ug/L	97

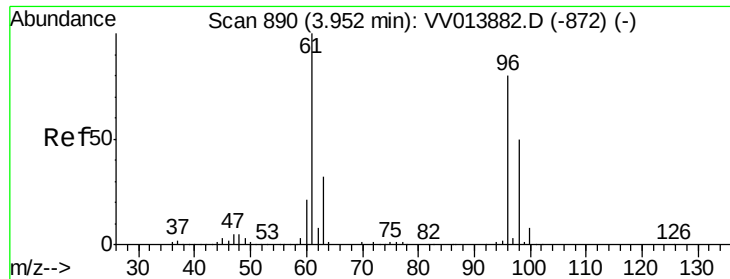
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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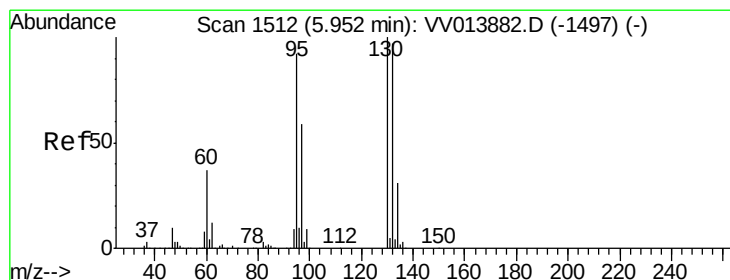
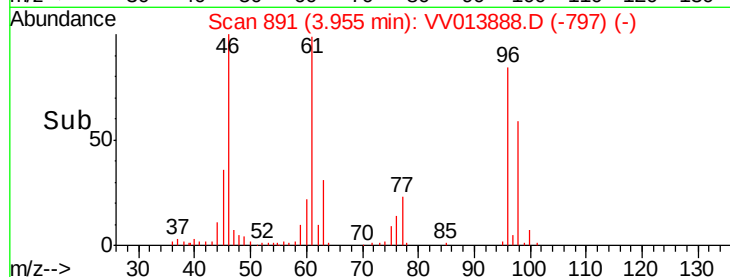
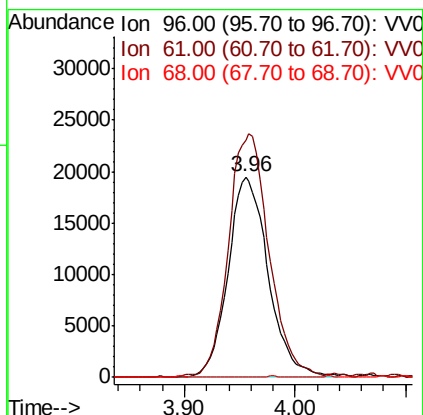
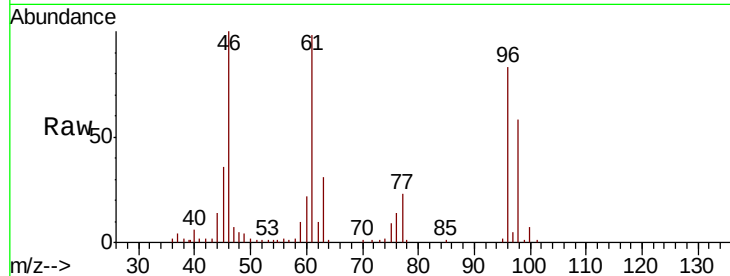




#20
 cis-1,2-Dichloroethene
 Concen: 9.521 ug/L
 RT: 3.96 min Scan# 891
 Delta R.T. 0.00 min
 Lab File: VV013888.D
 Acq: 03 Dec 2019 13:01

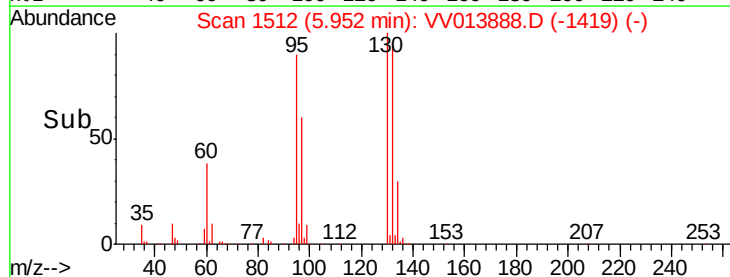
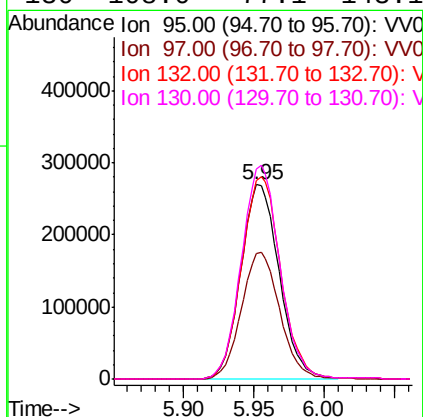
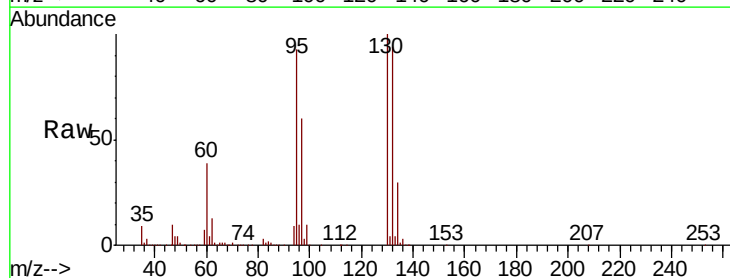
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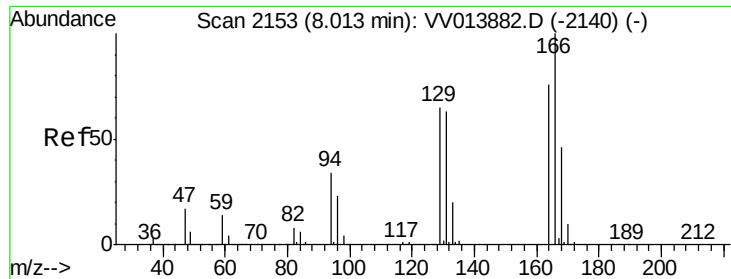
Tot Ion: 96 Resp: 49197
 Ion Ratio Lower Upper
 96 100
 61 118.0 85.3 158.5
 68 0.0 0.0 0.0



#34
 Trichloroethene
 Concen: 92.204 ug/L
 RT: 5.95 min Scan# 1512
 Delta R.T. 0.00 min
 Lab File: VV013888.D
 Acq: 03 Dec 2019 13:01

Tgt Ion: 95 Resp: 515414
 Ion Ratio Lower Upper
 95 100
 97 64.7 45.4 84.4
 132 102.0 73.7 136.9
 130 108.0 77.1 143.1





#46

Tetrachloroethene

Concen: 31.829 ug/L

RT: 8.02 min Scan# 2154

Delta R.T. 0.00 min

Lab File: VV013888.D

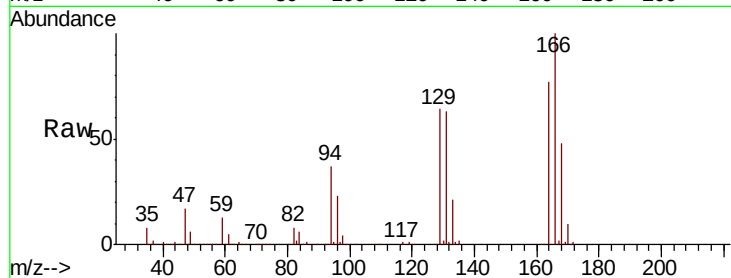
Acq: 03 Dec 2019 13:01

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Tot Ion:164 Resp: 160553

Ion Ratio Lower Upper

164 100

129 83.1 61.7 114.7

131 82.0 58.4 108.6

166 130.1 93.4 173.6

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

