

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV101920\
 Data File : VV018990.D
 Acq On : 20 Oct 2020 01:32
 Operator : SY/MD
 Sample : L4430-04 40X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AB2

Quant Time: Oct 20 04:16:07 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM101420WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Oct 20 03:20:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	281421	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	279874	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	127255	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	93365	40.30	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	80.60%
7) Chloroethane-d5	1.58	69	85316	46.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.96%
11) 1,1-Dichloroethene-d2	2.12	63	150605	34.44	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.88%
21) 2-Butanone-d5	3.90	46	168642	104.44	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.44%
24) Chloroform-d	4.37	84	203157	48.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.62%
26) 1,2-Dichloroethane-d4	5.06	65	144159	52.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.36%
32) Benzene-d6	5.07	84	395924	48.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.92%
36) 1,2-Dichloropropane-d6	6.09	67	120854	46.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.52%
41) Toluene-d8	7.34	98	313244	42.74	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.48%
43) trans-1,3-Dichloropropene-	7.64	79	55269	43.28	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.56%
47) 2-Hexanone-d5	8.11	63	81088	83.56	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	83.56%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	128682	42.03	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	84.06%
64) 1,2-Dichlorobenzene-d4	11.65	152	130394	50.36	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.72%

Target Compounds

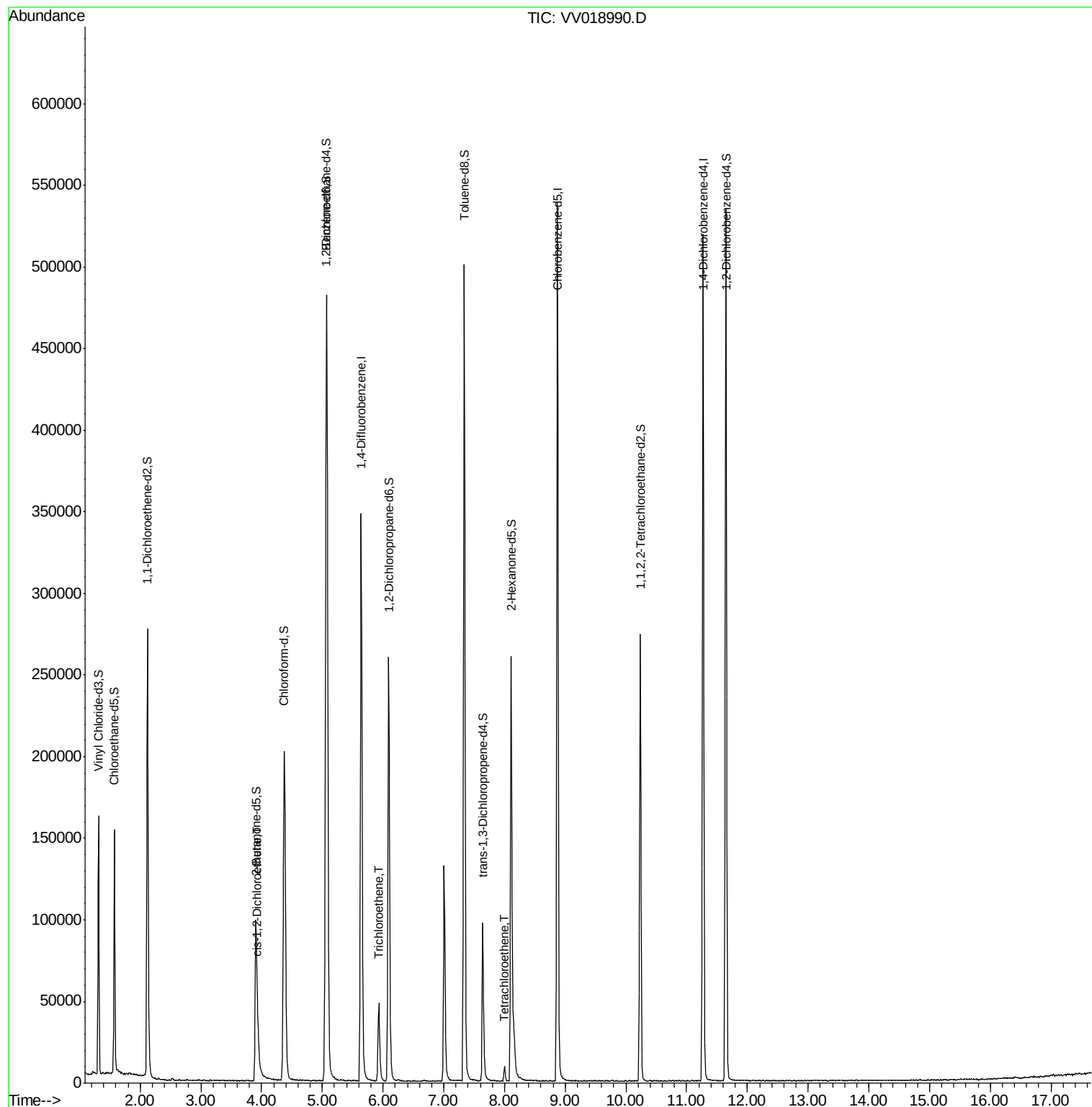
					Ovalue
20) cis-1,2-Dichloroethene	3.94	96	2428	1.115 ug/L	77
34) Trichloroethene	5.94	95	2483	1.004 ug/L	# 85
46) Tetrachloroethene	8.00	164	2060	1.181 ug/L	95

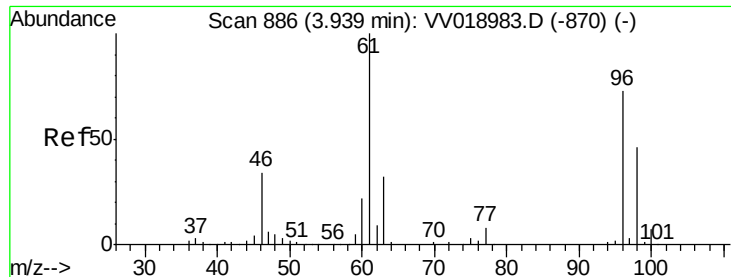
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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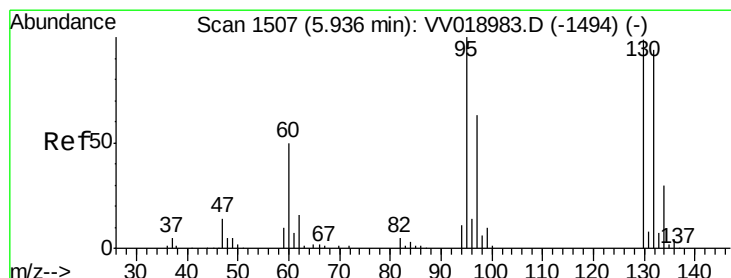
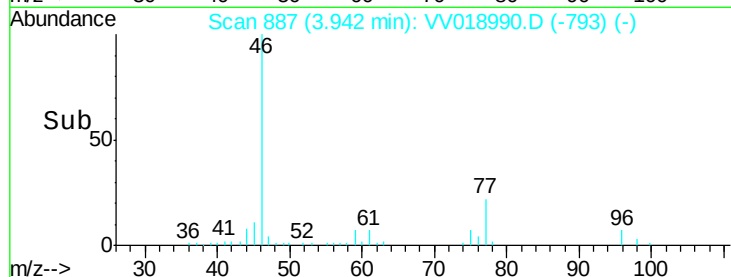
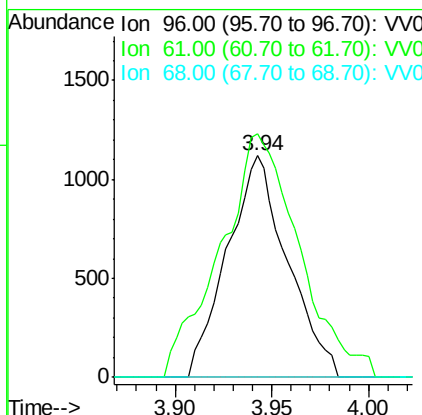
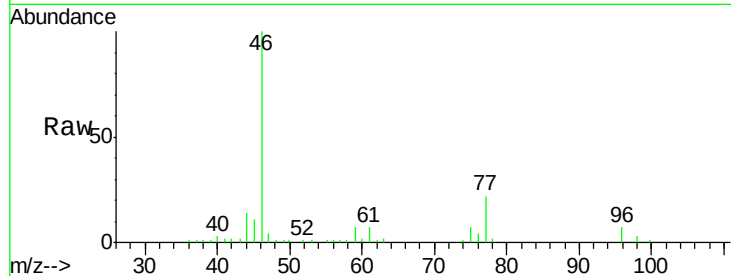




#20
 cis-1,2-Dichloroethene
 Concen: 1.115 ug/L
 RT: 3.94 min Scan# 887
 Delta R.T. 0.00 min
 Lab File: VV018990.D
 Acq: 20 Oct 2020 01:32

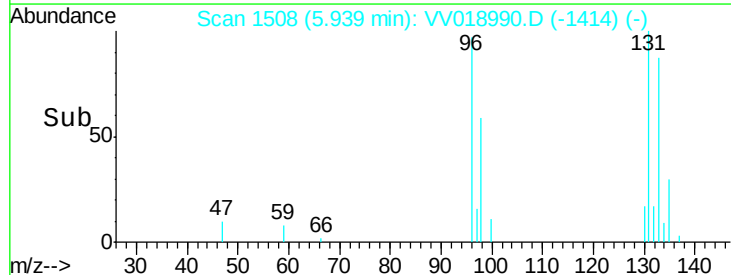
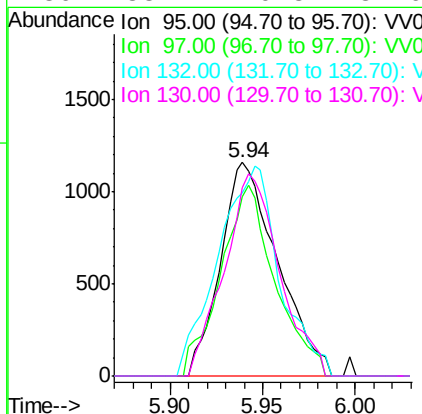
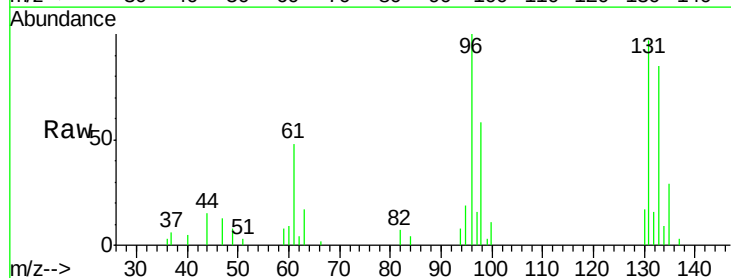
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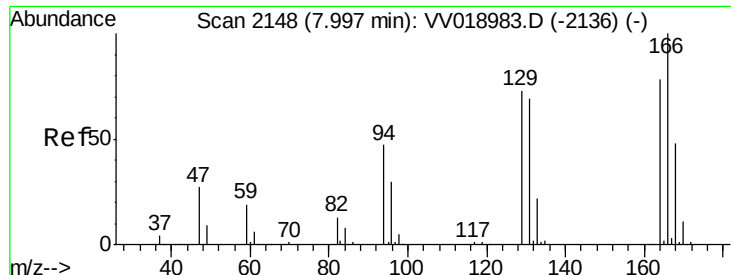
Tot Ion: 96 Resp: 2428
 Ion Ratio Lower Upper
 96 100
 61 110.0 96.1 178.5
 68 0.0 0.0 0.0



#34
 Trichloroethene
 Concen: 1.004 ug/L
 RT: 5.94 min Scan# 1508
 Delta R.T. 0.00 min
 Lab File: VV018990.D
 Acq: 20 Oct 2020 01:32

Tgt Ion: 95 Resp: 2483
 Ion Ratio Lower Upper
 95 100
 97 83.6 44.7 82.9#
 132 85.9 67.0 124.4
 130 88.2 70.8 131.6





#46

Tetrachloroethene

Concen: 1.181 ug/L

RT: 8.00 min Scan# 2149

Delta R.T. 0.00 min

Lab File: VV018990.D

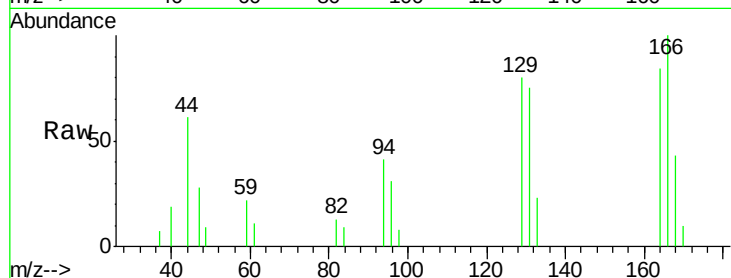
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Tot Ion:164 Resp: 2060

Ion Ratio Lower Upper

164 100

129 94.8 65.0 120.8

131 89.1 62.9 116.7

166 118.6 91.1 169.3

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

