

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092518\
 Data File : VV007860.D
 Acq On : 25 Sep 2018 18:01
 Operator : SY/MD
 Sample : J5043-17DL 5X
 Misc : 5.0 mL/MSVOA V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E5FF7DL

Quant Time: Sep 26 05:37:18 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092518WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Sep 26 04:58:06 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	192271	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	187073	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	94263	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	54560	45.27	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.54%
7) Chloroethane-d5	1.59	69	50069	48.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.20%
11) 1,1-Dichloroethene-d2	2.14	63	92446	36.00	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.00%
21) 2-Butanone-d5	3.96	46	59913	73.76	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	73.76%
24) Chloroform-d	4.41	84	108970	43.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.06%
26) 1,2-Dichloroethane-d4	5.09	65	86929	48.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.38%
32) Benzene-d6	5.11	84	243154	48.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.06%
36) 1,2-Dichloropropane-d6	6.13	67	76998	49.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.16%
41) Toluene-d8	7.36	98	235938	46.72	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.44%
43) trans-1,3-Dichloropropene-	7.67	79	33387	44.70	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.40%
47) 2-Hexanone-d5	8.14	63	62703	94.64	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.64%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	105459	45.54	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.08%
64) 1,2-Dichlorobenzene-d4	11.68	152	101841	48.60	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.20%

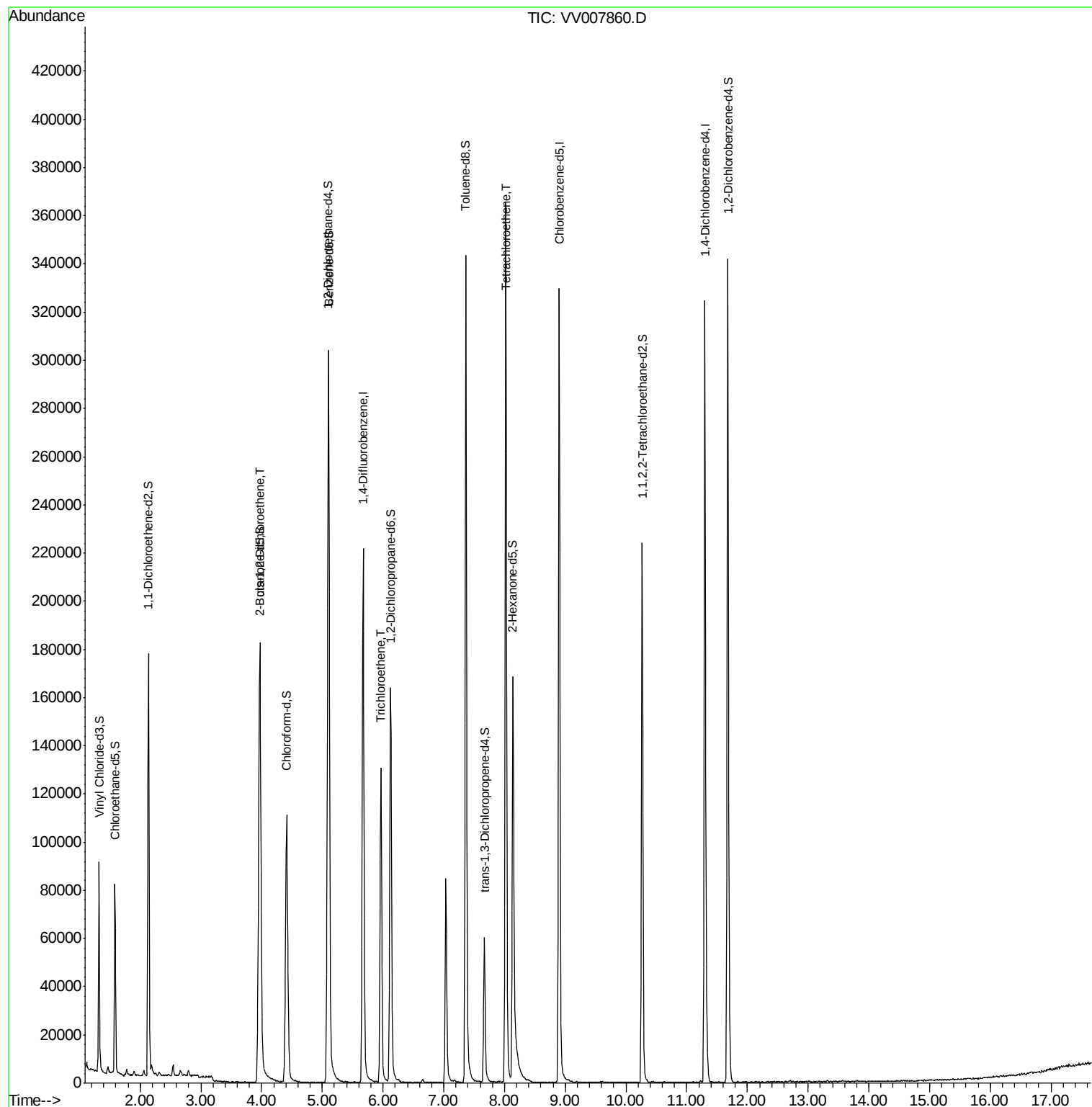
Target Compounds					Ovalue
20) cis-1,2-Dichloroethene	3.97	96	78584	57.465 ug/L	97
34) Trichloroethene	5.96	95	43762	31.361 ug/L	98
46) Tetrachloroethene	8.02	164	87020	64.898 ug/L	99

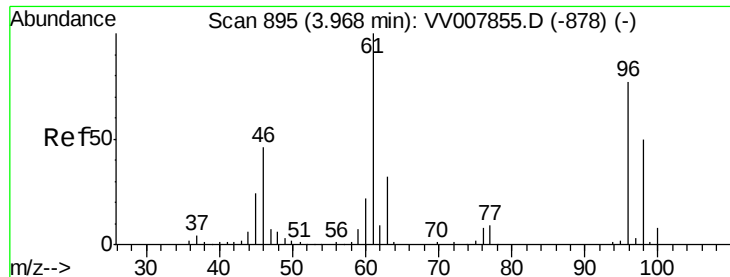
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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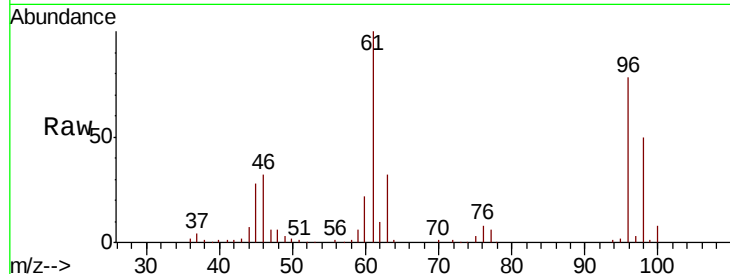


#20

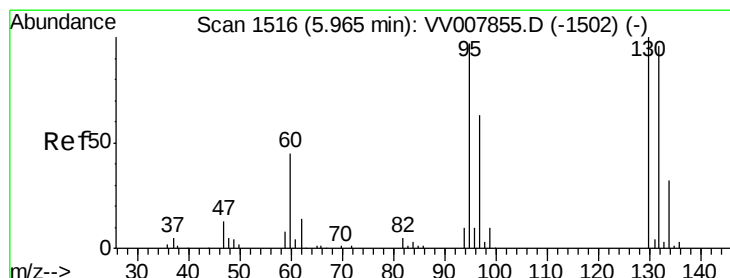
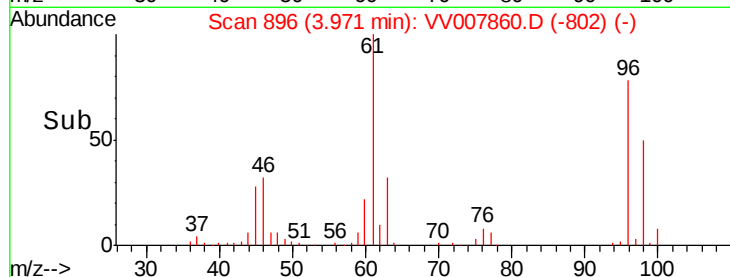
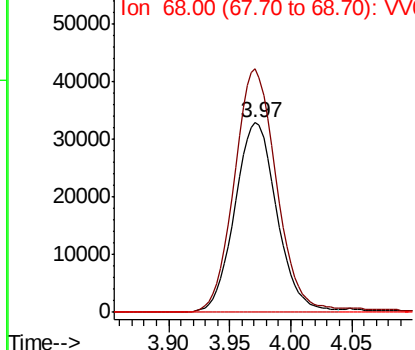
cis-1,2-Dichloroethene
 Concen: 57.465 ug/L
 RT: 3.97 min Scan# 896
 Delta R.T. 0.00 min
 Lab File: VV007860.D
 Acq: 25 Sep 2018 18:01

Instrument :
 MSVOA_V
 ClientSampled :
 E5FF7DL

Tot Ion: 96 Resp: 78584
 Ion Ratio Lower Upper
 96 100
 61 128.6 92.6 172.0
 68 0.0 0.0 0.0



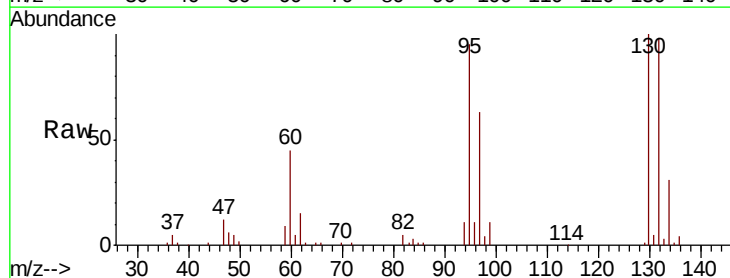
Abundance Ion 96.00 (95.70 to 96.70): VV0
 Ion 61.00 (60.70 to 61.70): VV0
 Ion 68.00 (67.70 to 68.70): VV0



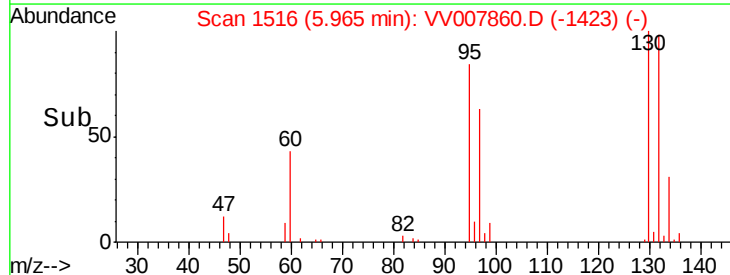
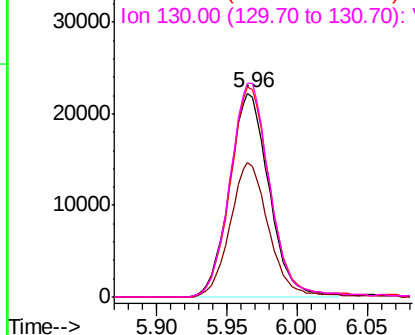
#34

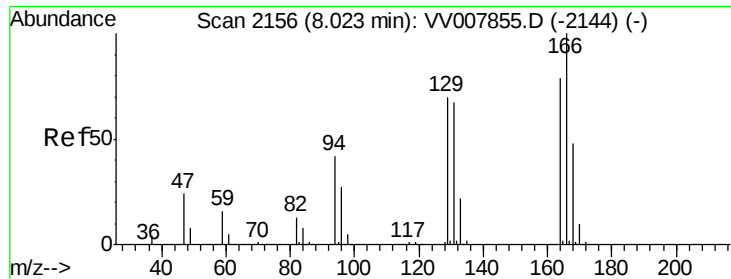
Trichloroethene
 Concen: 31.361 ug/L
 RT: 5.96 min Scan# 1516
 Delta R.T. -0.00 min
 Lab File: VV007860.D
 Acq: 25 Sep 2018 18:01

Tgt Ion: 95 Resp: 43762
 Ion Ratio Lower Upper
 95 100
 97 66.0 45.4 84.2
 132 103.0 72.2 134.0
 130 104.9 75.5 140.3



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): VV0
 Ion 130.00 (129.70 to 130.70): VV0





#46

Tetrachloroethene

Concen: 64.898 ug/L

RT: 8.02 min Scan# 2156

Delta R.T. -0.00 min

Lab File: VV007860.D

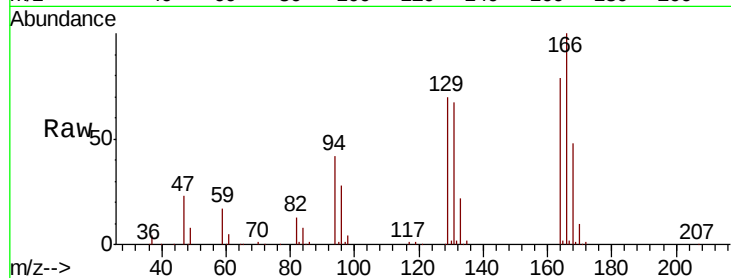
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Instrument :

MSVOA_V

ClientSampleId :

E5FF7DL



Tot Ion:164 Resp: 87020

Ion Ratio Lower Upper

164 100

129 88.6 60.9 113.1

131 85.5 58.8 109.2

166 126.7 88.8 164.8

