

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092518\
 Data File : VV007859.D
 Acq On : 25 Sep 2018 17:36
 Operator : SY/MD
 Sample : J5043-18DL 5X
 Misc : 5.0 mL/MSVOA V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E5FF8DL

Quant Time: Sep 26 05:30:42 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	193875	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	189593	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	94994	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	55451	45.63	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.26%
7) Chloroethane-d5	1.59	69	52117	49.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.32%
11) 1,1-Dichloroethene-d2	2.14	63	95014	36.69	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.38%
21) 2-Butanone-d5	3.96	46	44681	54.55	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	54.55%
24) Chloroform-d	4.41	84	110460	43.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.52%
26) 1,2-Dichloroethane-d4	5.09	65	88606	49.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.44%
32) Benzene-d6	5.11	84	250916	49.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.84%
36) 1,2-Dichloropropane-d6	6.13	67	79173	49.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.58%
41) Toluene-d8	7.36	98	241345	47.16	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.32%
43) trans-1,3-Dichloropropene-	7.67	79	34794	45.96	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.92%
47) 2-Hexanone-d5	8.14	63	61731	91.93	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	91.93%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	109567	46.68	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.36%
64) 1,2-Dichlorobenzene-d4	11.68	152	104932	49.69	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.38%

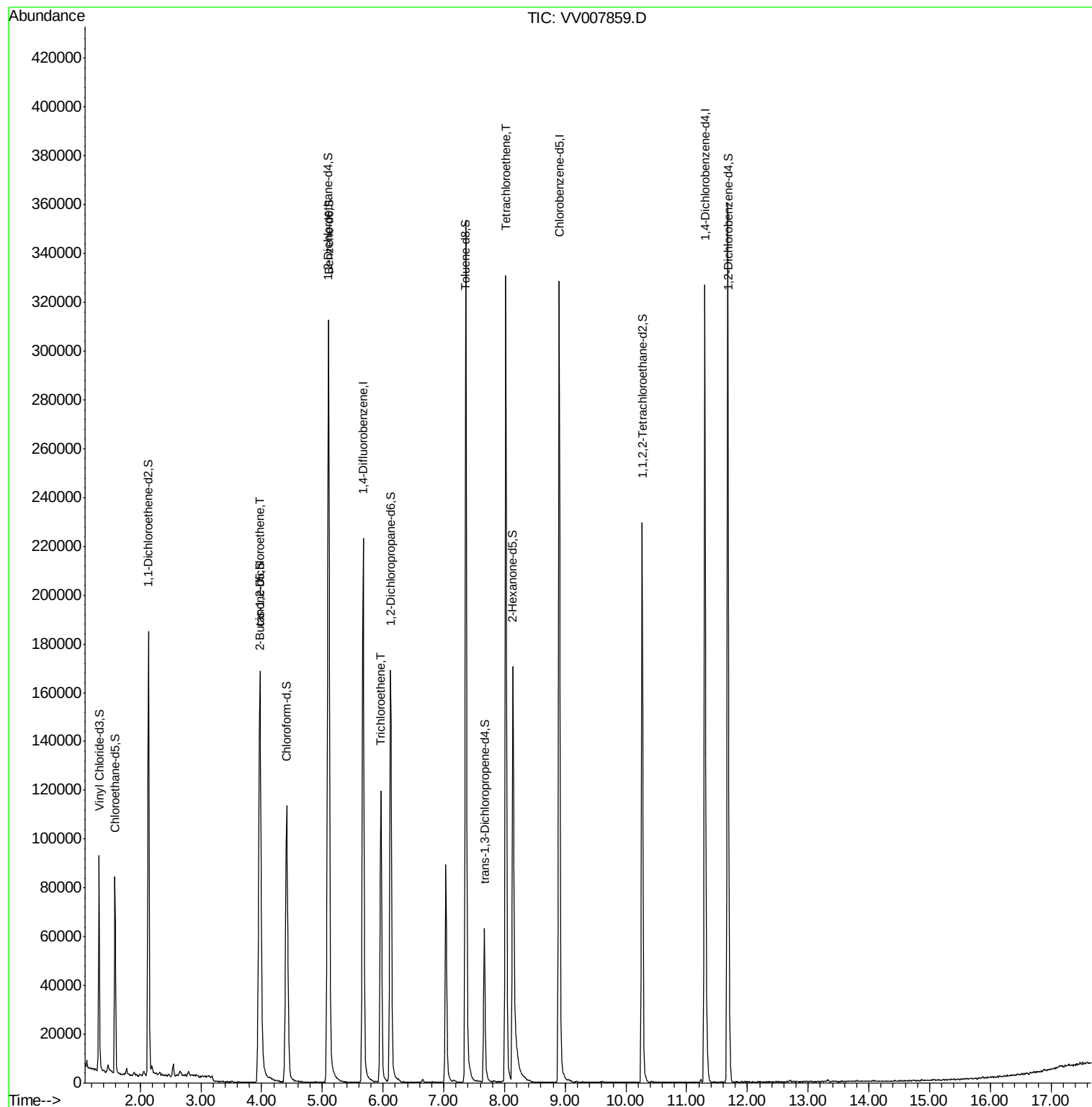
Target Compounds					Ovalue
20) cis-1,2-Dichloroethene	3.97	96	69506	50.406 ug/L	99
34) Trichloroethene	5.96	95	39995	28.280 ug/L	99
46) Tetrachloroethene	8.02	164	77223	56.826 ug/L	96

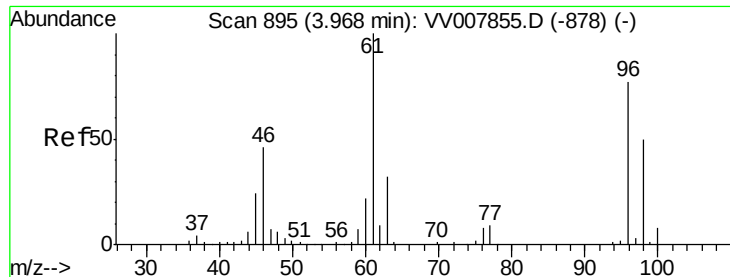
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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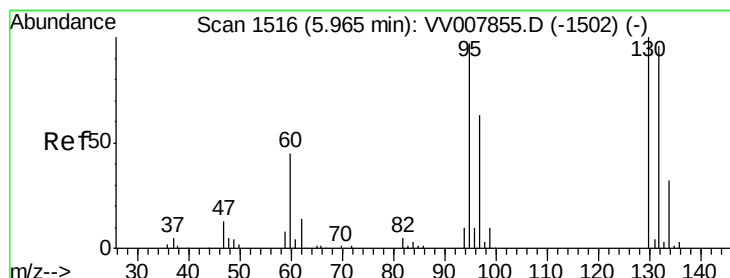
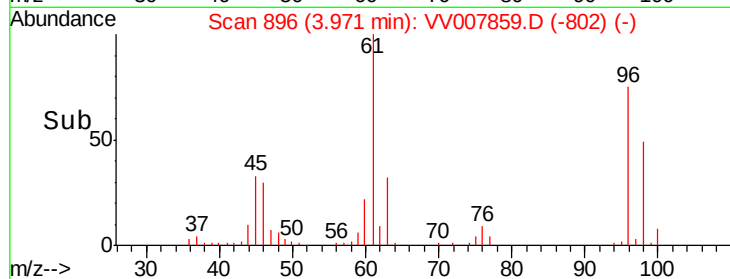
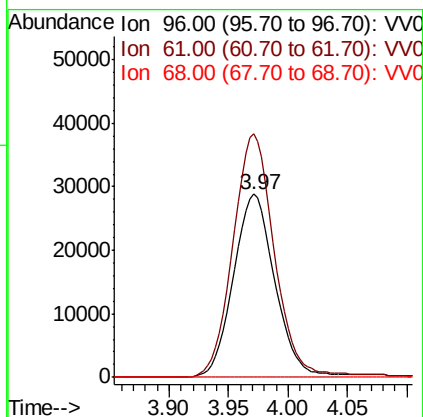
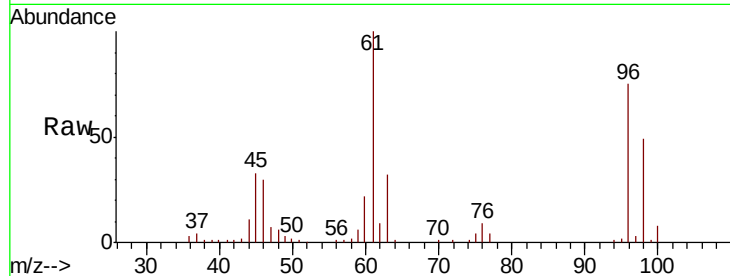




#20
 cis-1,2-Dichloroethene
 Concen: 50.406 ug/L
 RT: 3.97 min Scan# 896
 Delta R.T. 0.00 min
 Lab File: VV007859.D
 Acq: 25 Sep 2018 17:36

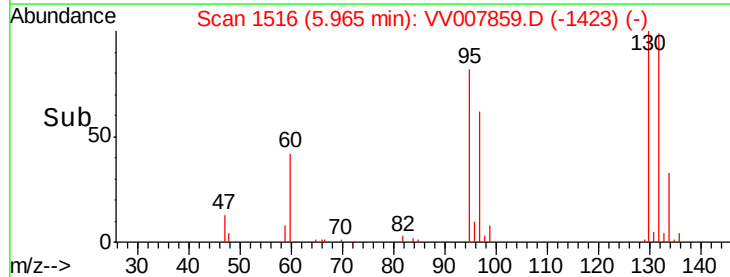
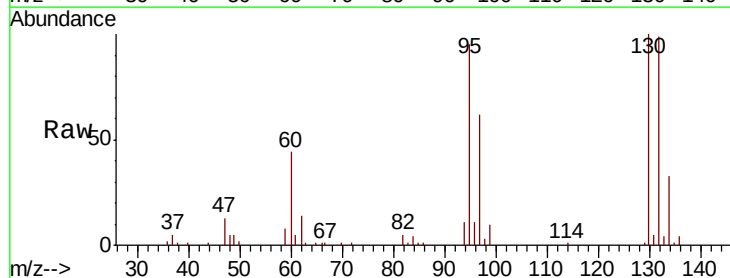
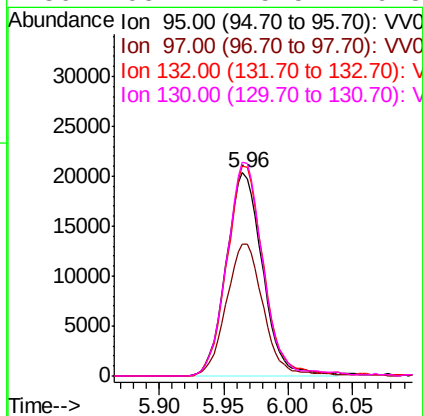
Instrument :
 MSVOA_V
 ClientSampled :
 E5FF8DL

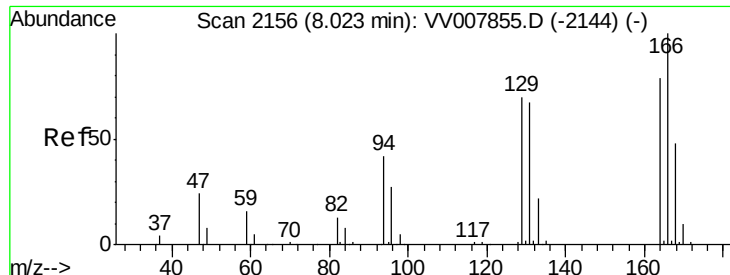
Tot Ion: 96 Resp: 69506
 Ion Ratio Lower Upper
 96 100
 61 132.9 92.6 172.0
 68 0.0 0.0 0.0



#34
 Trichloroethene
 Concen: 28.280 ug/L
 RT: 5.96 min Scan# 1516
 Delta R.T. -0.00 min
 Lab File: VV007859.D
 Acq: 25 Sep 2018 17:36

Tgt Ion: 95 Resp: 39995
 Ion Ratio Lower Upper
 95 100
 97 65.0 45.4 84.2
 132 103.7 72.2 134.0
 130 105.2 75.5 140.3





#46

Tetrachloroethene

Concen: 56.826 ug/L

RT: 8.02 min Scan# 2156

Delta R.T. -0.00 min

Lab File: VV007859.D

Acq: 25 Sep 2018 17:36

Instrument :

MSVOA_V

ClientSampleId :

E5FF8DL

Tot Ion:164 Resp: 77223

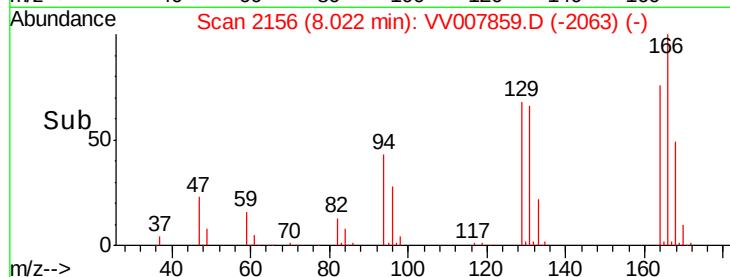
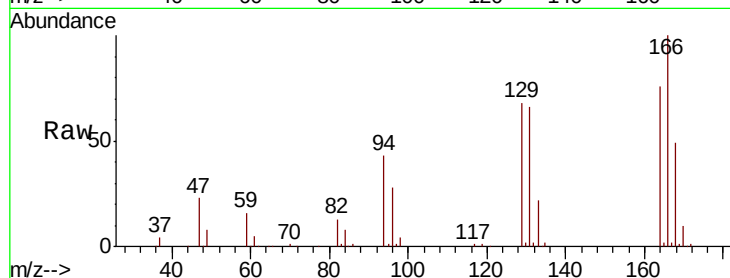
Ion Ratio Lower Upper

164 100

129 90.1 60.9 113.1

131 86.8 58.8 109.2

166 132.4 88.8 164.8



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

