

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092418\
 Data File : VV007844.D
 Acq On : 25 Sep 2018 02:50
 Operator : SY/MD
 Sample : J5043-19
 Misc : 5.0 mL/MSVOA V/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E5FF9

Quant Time: Sep 25 05:28:55 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092318WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Sep 25 04:04:32 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	190283	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	187414	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	95251	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	33867	32.75	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	65.50%
7) Chloroethane-d5	1.59	69	36858	39.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	78.44%
11) 1,1-Dichloroethene-d2	2.14	63	69229	28.39	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	56.78%#
21) 2-Butanone-d5	3.95	46	49080	71.86	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	71.86%
24) Chloroform-d	4.41	84	83867	37.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	75.76%
26) 1,2-Dichloroethane-d4	5.09	65	61064	43.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.48%
32) Benzene-d6	5.11	84	173869	40.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.72%
36) 1,2-Dichloropropane-d6	6.13	67	52434	41.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	82.44%
41) Toluene-d8	7.36	98	174219	38.70	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	77.40%#
43) trans-1,3-Dichloropropene-	7.67	79	23060	35.95	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.90%
47) 2-Hexanone-d5	8.14	63	42531	75.92	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	75.92%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	81140	40.86	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	81.72%
64) 1,2-Dichlorobenzene-d4	11.68	152	83884	42.81	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.62%

Target Compounds

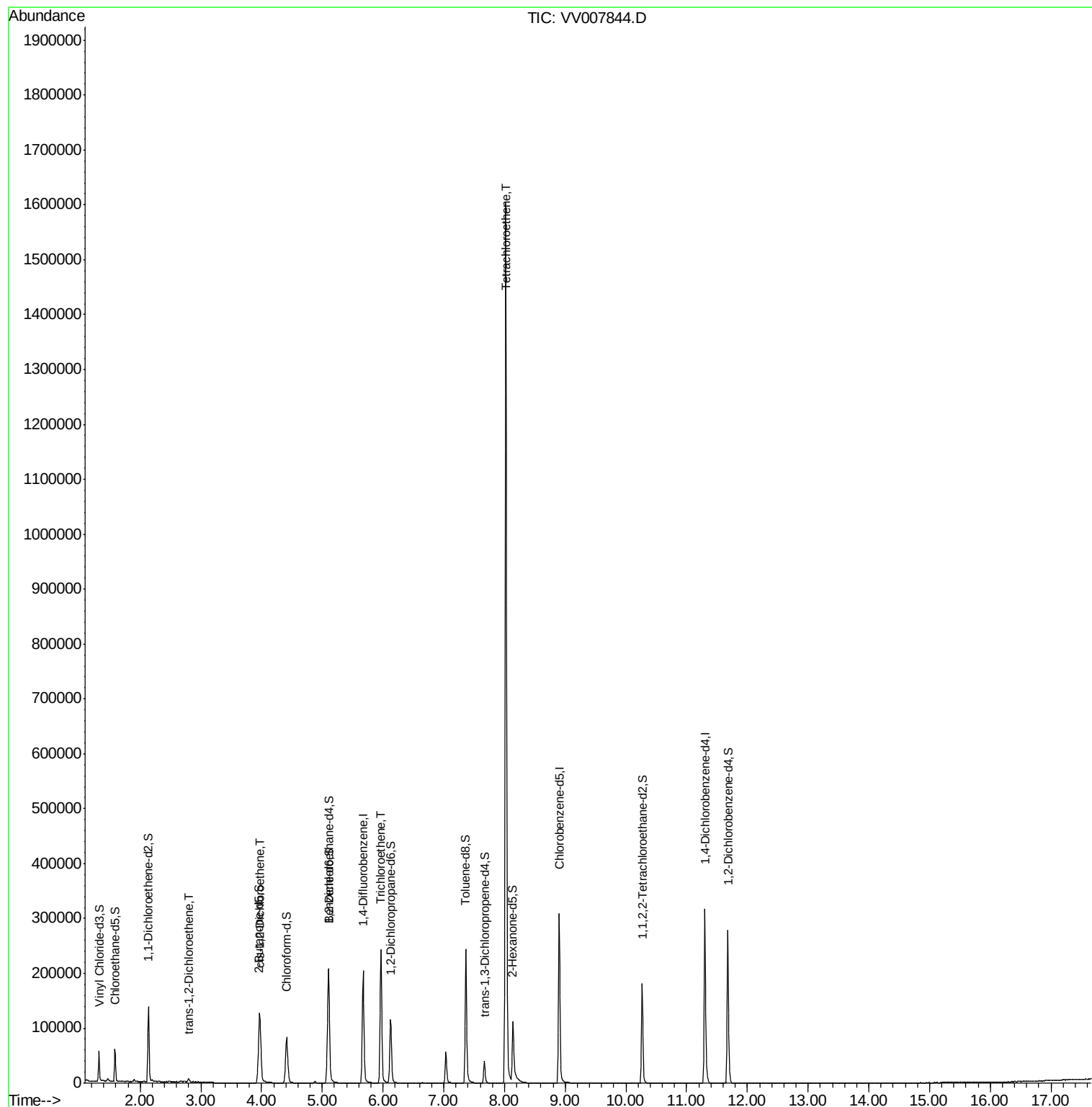
					Ovalue
17) trans-1,2-Dichloroethene	2.80	96	2350	1.651 ug/L	99
20) cis-1,2-Dichloroethene	3.97	96	63347	49.607 ug/L	99
34) Trichloroethene	5.96	95	79100	59.579 ug/L	99
46) Tetrachloroethene	8.02	164	378707	278.703 ug/L	99

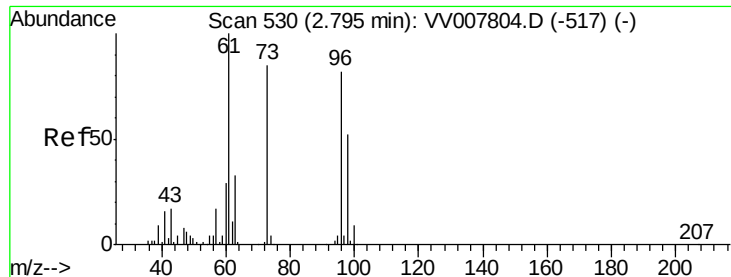
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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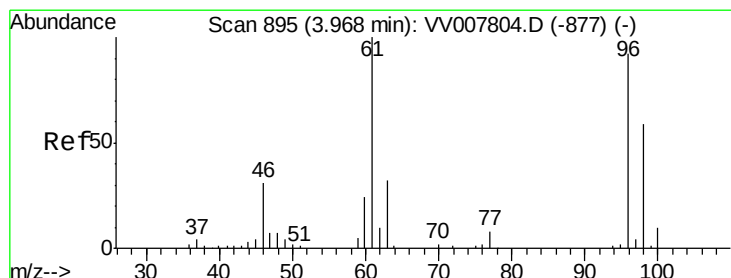
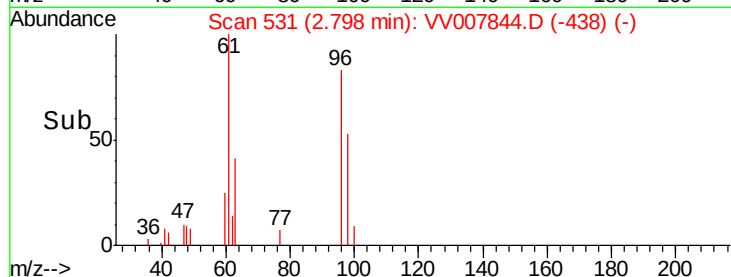
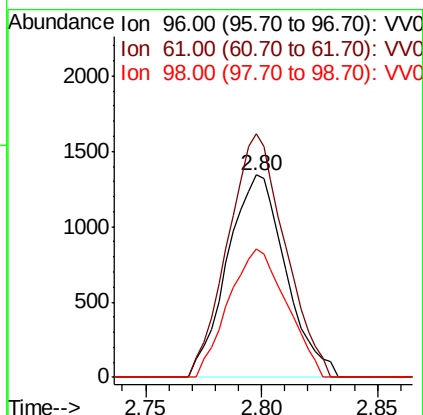
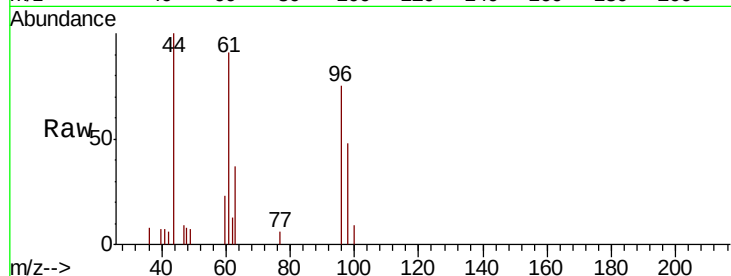




#17
trans-1,2-Dichloroethene
Concen: 1.651 ug/L
RT: 2.80 min Scan# 531
Delta R.T. 0.00 min
Lab File: VV007844.D
Acq: 25 Sep 2018 02:50

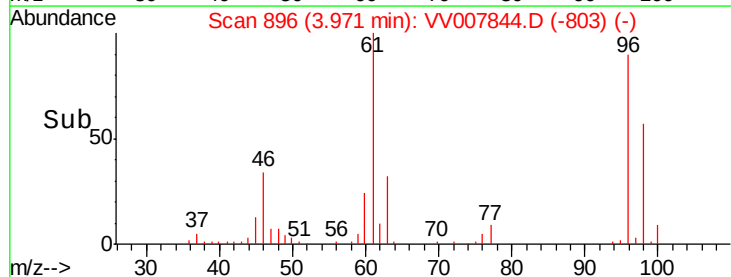
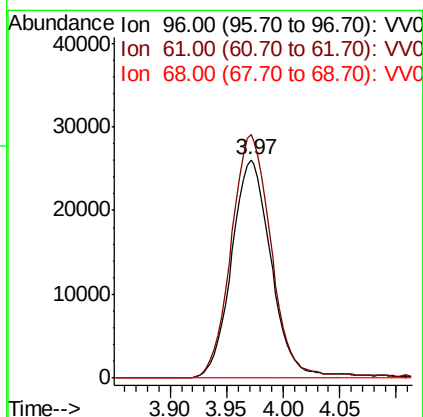
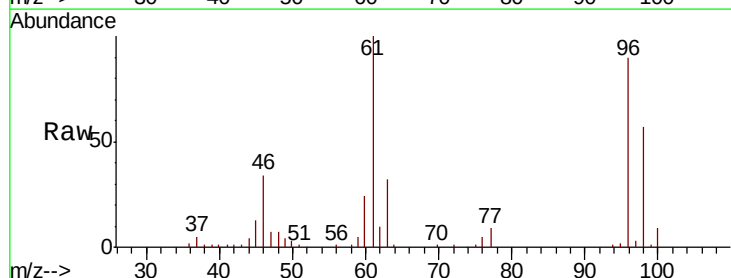
Instrument :
MSVOA_V
ClientSampleId :
E5FF9

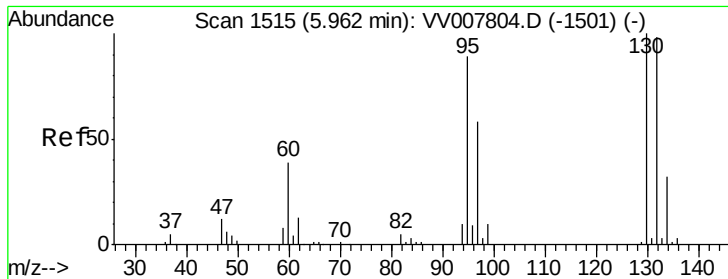
Tot Ion: 96 Resp: 2350
Ion Ratio Lower Upper
96 100
61 120.5 84.9 157.7
98 63.3 44.6 82.8



#20
cis-1,2-Dichloroethene
Concen: 49.607 ug/L
RT: 3.97 min Scan# 896
Delta R.T. 0.00 min
Lab File: VV007844.D
Acq: 25 Sep 2018 02:50

Tgt Ion: 96 Resp: 63347
Ion Ratio Lower Upper
96 100
61 111.4 78.8 146.3
68 0.0 0.0 0.0





#34

Trichloroethene

Concen: 59.579 ug/L

RT: 5.96 min Scan# 1516

Delta R.T. 0.00 min

Lab File: VV007844.D

Acq: 25 Sep 2018 02:50

Instrument :

MSVOA_V

ClientSampleId :

E5FF9

Tot Ion: 95 Resp: 79100

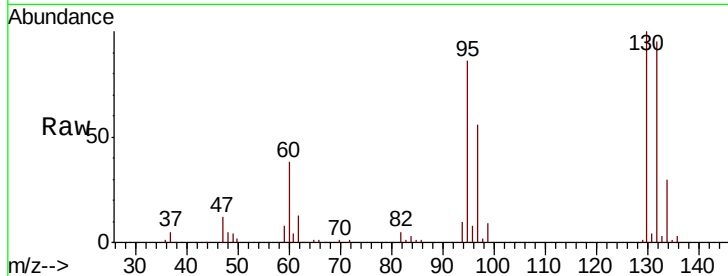
Ion Ratio Lower Upper

95 100

97 65.0 45.2 84.0

132 109.7 77.7 144.3

130 116.0 79.7 148.1

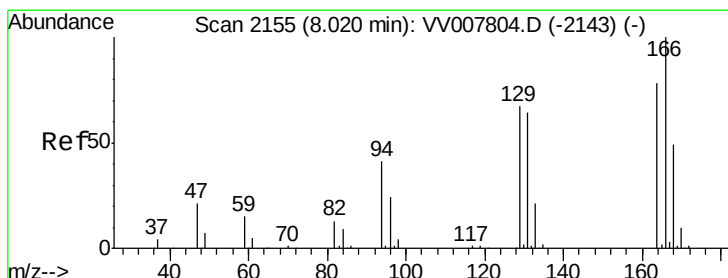
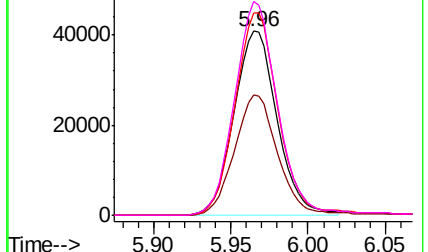
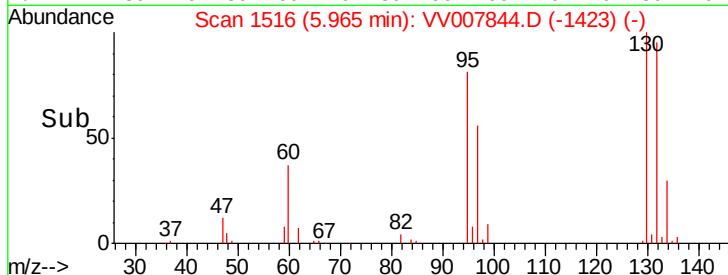


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 97.00 (96.70 to 97.70): VV0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#46

Tetrachloroethene

Concen: 278.703 ug/L

RT: 8.02 min Scan# 2156

Delta R.T. 0.00 min

Lab File: VV007844.D

Acq: 25 Sep 2018 02:50

Tgt Ion: 164 Resp: 378707

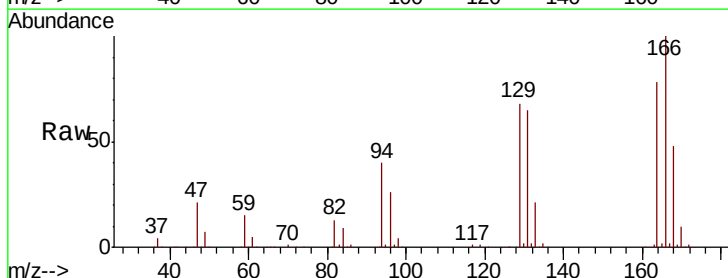
Ion Ratio Lower Upper

164 100

129 86.8 61.0 113.4

131 83.5 57.8 107.4

166 127.7 89.9 167.0



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

