

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV090618\
 Data File : VV007444.D
 Acq On : 07 Sep 2018 02:12
 Operator : SY/MD
 Sample : J4751-02 10X
 Misc : 5.0 mL/MSVOA V/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BEGH3

Quant Time: Sep 07 04:25:13 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090418WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 07 03:09:50 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	523478	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	514775	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	190014	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	161315	43.14	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.28%
7) Chloroethane-d5	1.56	69	122720	50.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	100.20%
11) 1,1-Dichloroethene-d2	2.13	63	209493	31.80	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.60%
21) 2-Butanone-d5	3.96	46	191332	62.91	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	62.91%
24) Chloroform-d	4.41	84	325136	42.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.08%
26) 1,2-Dichloroethane-d4	5.09	65	208529	44.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.38%
32) Benzene-d6	5.10	84	659043	42.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.96%
36) 1,2-Dichloropropane-d6	6.12	67	222158	42.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	85.46%
41) Toluene-d8	7.36	98	515927	38.63	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	77.26%#
43) trans-1,3-Dichloropropene-	7.67	79	59715	26.96	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	53.92%#
47) 2-Hexanone-d5	8.14	63	154557	75.83	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	75.83%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	298407	42.02	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	84.04%
64) 1,2-Dichlorobenzene-d4	11.68	152	193839	47.47	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.94%

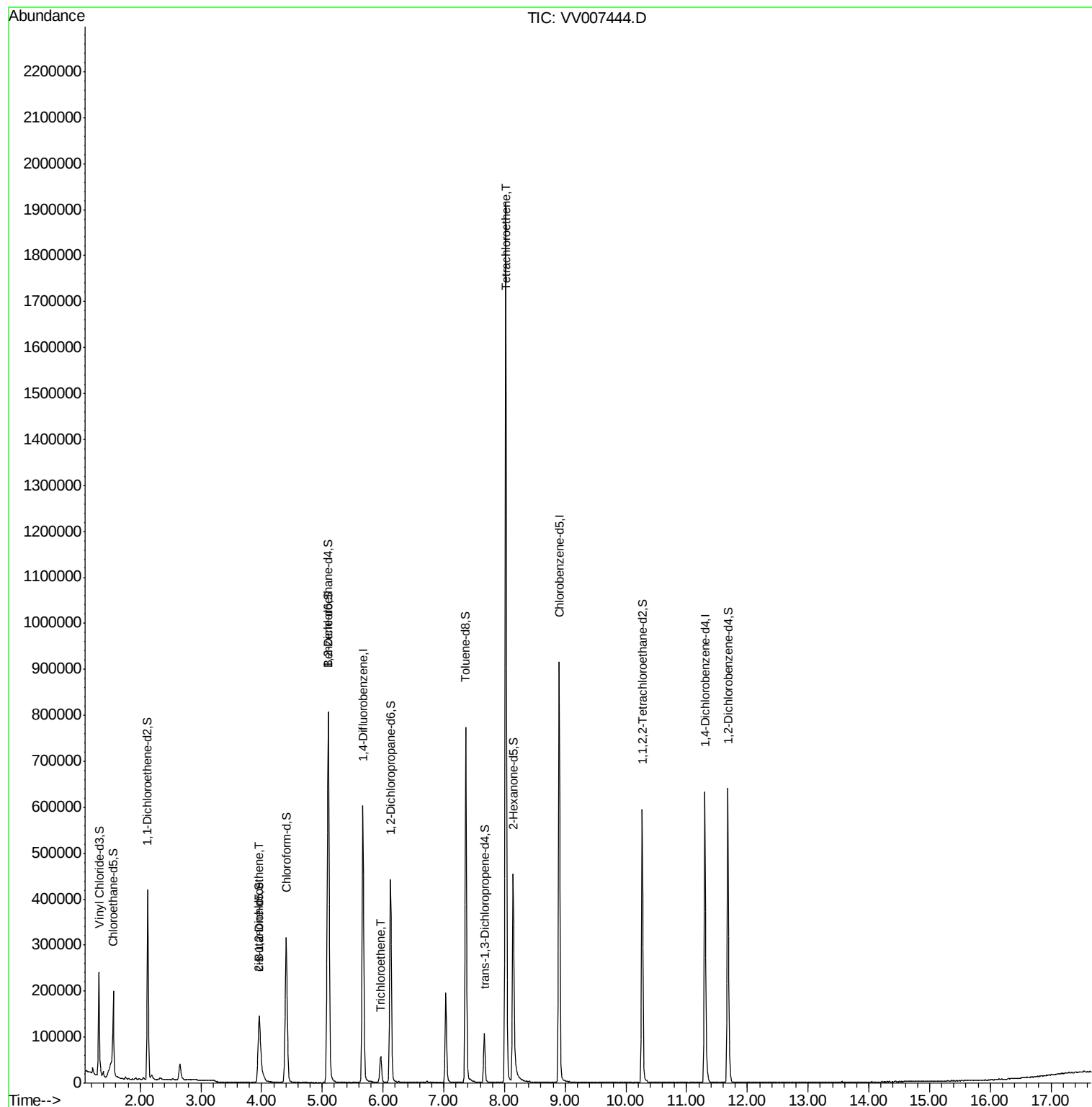
Target Compounds						Ovalue
20) cis-1,2-Dichloroethene	3.96	96	7339	1.77	ug/L	85
34) Trichloroethene	5.96	95	19067	4.74	ug/L	93
46) Tetrachloroethene	8.02	164	451536	139.70	ug/L	98

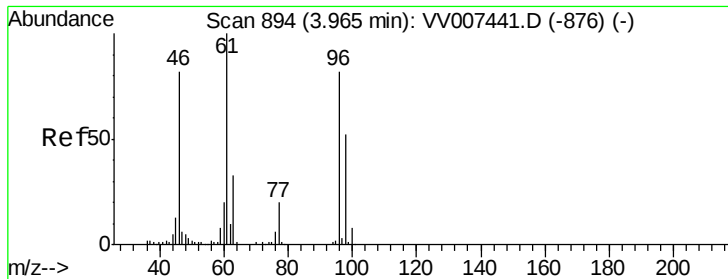
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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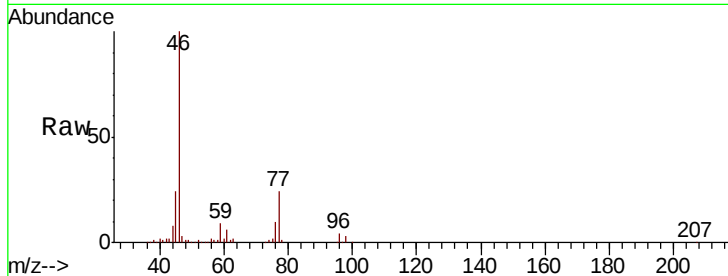


#20

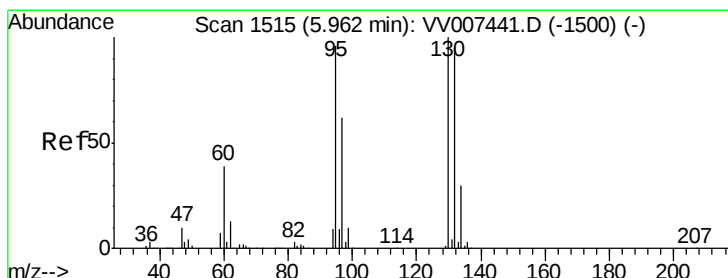
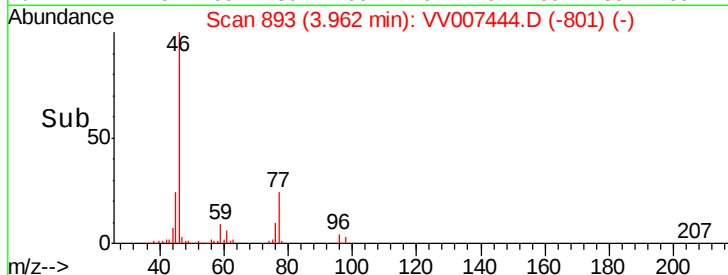
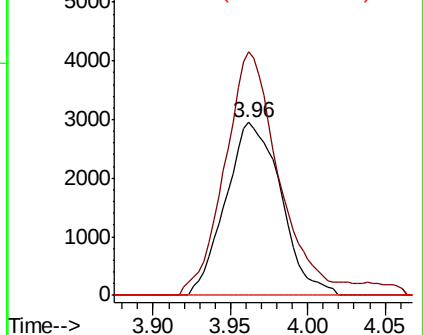
cis-1,2-Dichloroethene
Concen: 1.77 ug/L
RT: 3.96 min Scan# 893
Delta R.T. -0.00 min
Lab File: VV007444.D
Acq: 07 Sep 2018 02:12

Instrument :
MSVOA_V
ClientSampled :
BEGH3

Tot Ion: 96 Resp: 7339
Ion Ratio Lower Upper
96 100
61 140.9 86.8 161.2
68 0.0 0.0 0.0



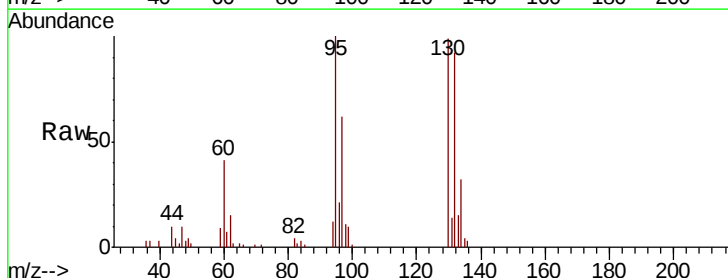
Abundance Ion 96.00 (95.70 to 96.70): VV0
Ion 61.00 (60.70 to 61.70): VV0
Ion 68.00 (67.70 to 68.70): VV0



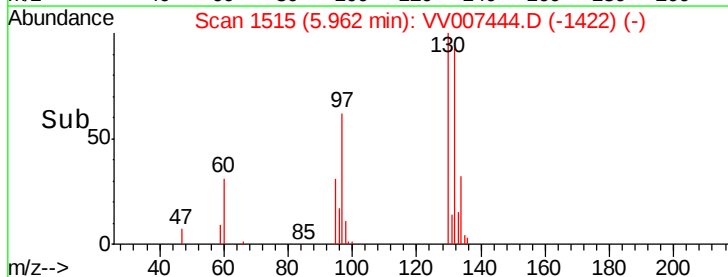
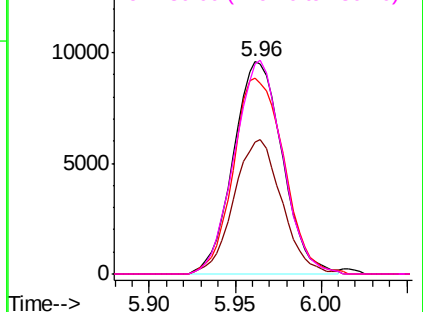
#34

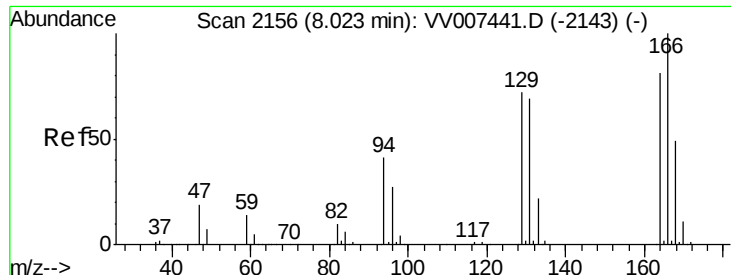
Trichloroethene
Concen: 4.74 ug/L
RT: 5.96 min Scan# 1515
Delta R.T. 0.00 min
Lab File: VV007444.D
Acq: 07 Sep 2018 02:12

Tgt Ion: 95 Resp: 19067
Ion Ratio Lower Upper
95 100
97 61.9 46.1 85.7
132 92.4 70.8 131.6
130 99.3 73.9 137.3



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: 139.70 ug/L

RT: 8.02 min Scan# 2156

Delta R.T. 0.00 min

Lab File: VV007444.D

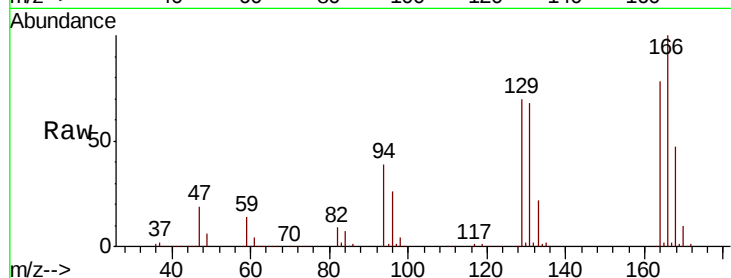
Acq: 07 Sep 2018 02:12

Instrument :

MSVOA_V

ClientSampleId :

BEGH3



Tot Ion:164 Resp: 451536

Ion Ratio Lower Upper

164 100

129 90.5 63.9 118.7

131 87.7 62.6 116.2

166 128.9 91.6 170.2

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

