

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082318\
 Data File : VW004895.D
 Acq On : 23 Aug 2018 14:05
 Operator : SY/AP
 Sample : J4624-07
 Misc : 6.18G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 E4433

Quant Time: Aug 24 05:44:02 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM082218S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 24 05:01:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	802791	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.64	117	766179	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	363408	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	292048	19.25	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.00%
7) Chloroethane-d5	2.89	69	221948	19.73	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.92%
10) 1,1-Dichloroethene-d2	4.03	63	304265	15.70	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	62.80%
20) 2-Butanone-d5	7.10	46	110451	35.77	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	71.54%
24) Chloroform-d	7.66	84	374423	21.01	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	84.04%
26) 1,2-Dichloroethane-d4	8.31	65	206753	21.35	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	85.40%
29) Benzene-d6	8.28	84	959008	24.33	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.32%
33) 1,2-Dichloropropane-d6	9.28	67	275739	23.81	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.24%
37) Toluene-d8	10.33	98	933563	22.36	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.44%
38) trans-1,3-Dichloropropene-	10.59	79	115570	23.20	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.80%
39) 2-Hexanone-d5	10.93	63	119417	41.63	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.26%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	238261	20.48	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	81.92%
61) 1,2-Dichlorobenzene-d4	13.86	152	347604	23.81	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.24%

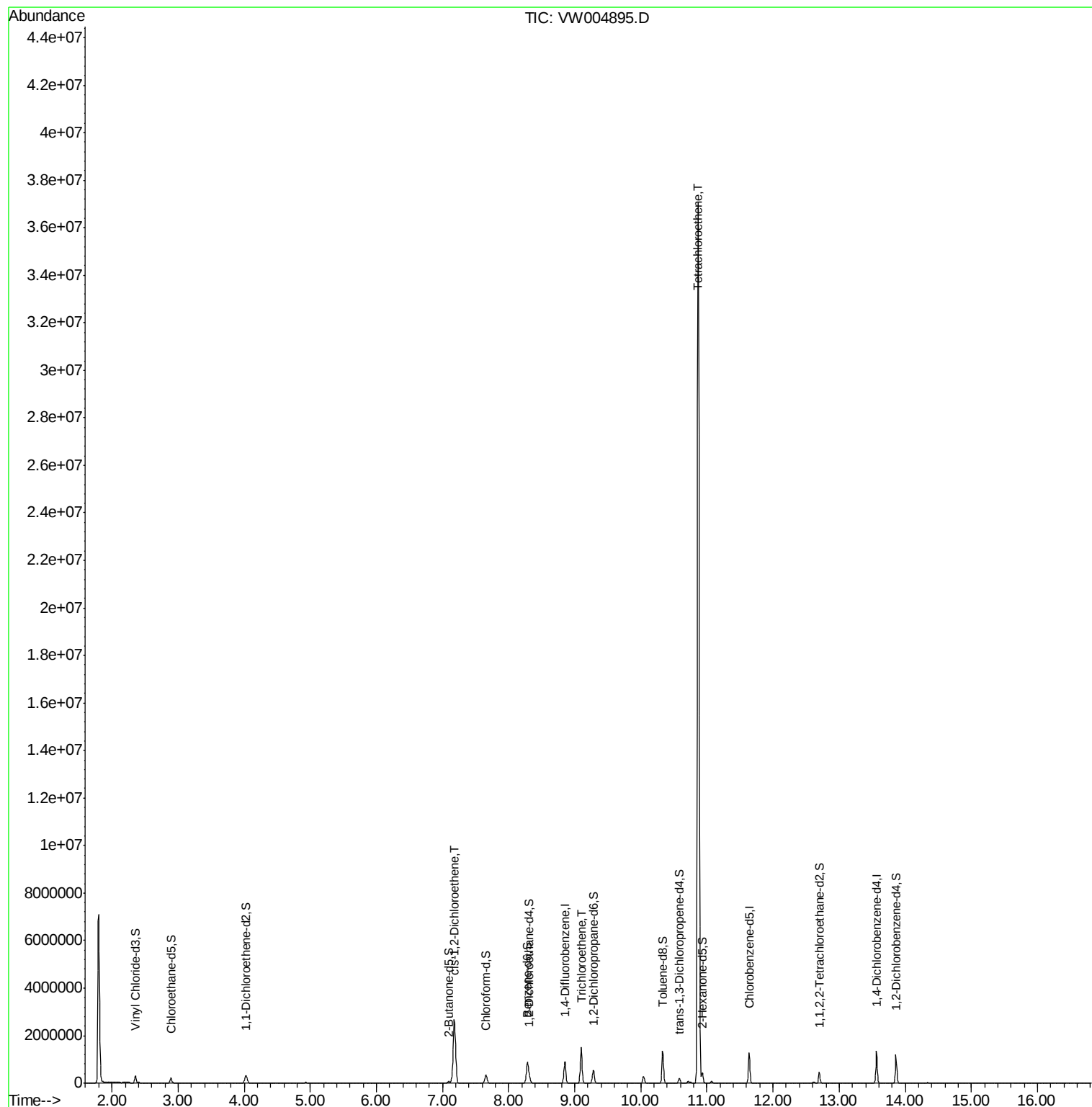
Target Compounds						Ovalue
22) cis-1,2-Dichloroethene	7.18	96	1653394	157.43	ug/L	97
35) Trichloroethene	9.10	95	535410	49.29	ug/L	99
47) Tetrachloroethene	10.87	164	9117278	857.30	ug/L	98

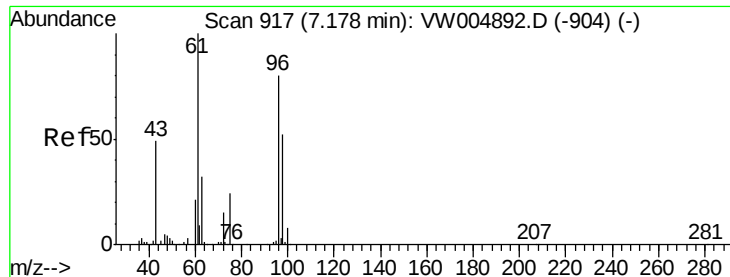
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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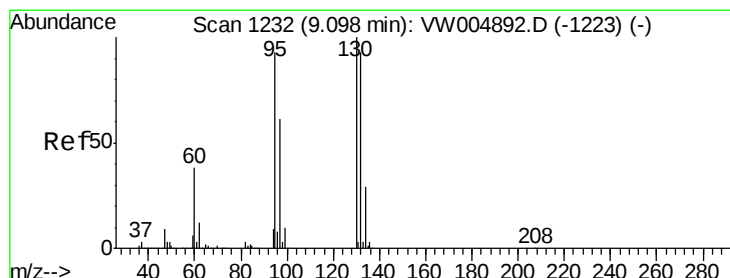
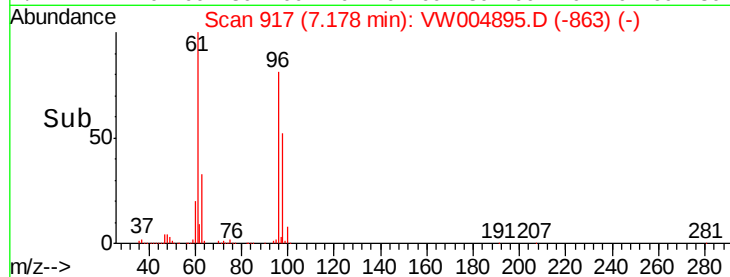
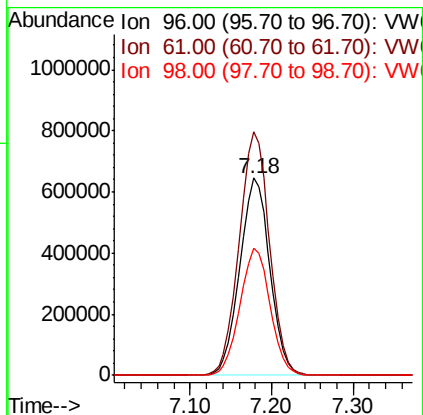
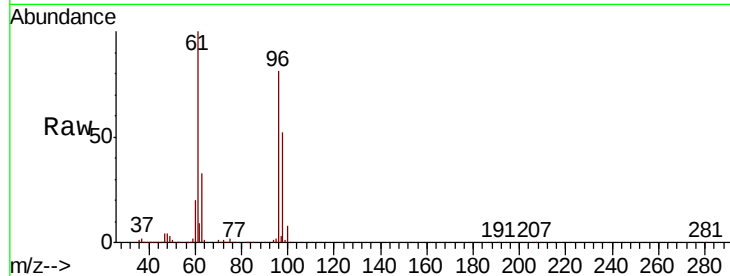


#22

cis-1,2-Dichloroethene
 Concen: 157.43 ug/L
 RT: 7.18 min Scan# 917
 Delta R.T. 0.00 min
 Lab File: VW004895.D
 Acq: 23 Aug 2018 14:05

Instrument :
 MSVOA_W
 ClientSampled :
 E4433

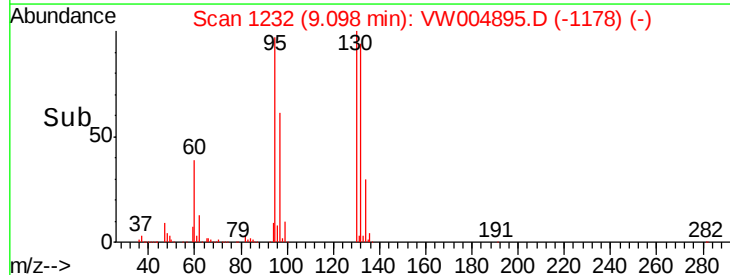
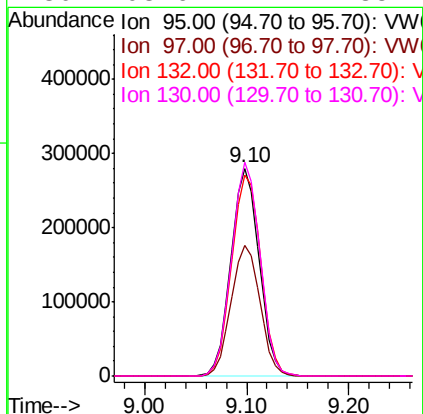
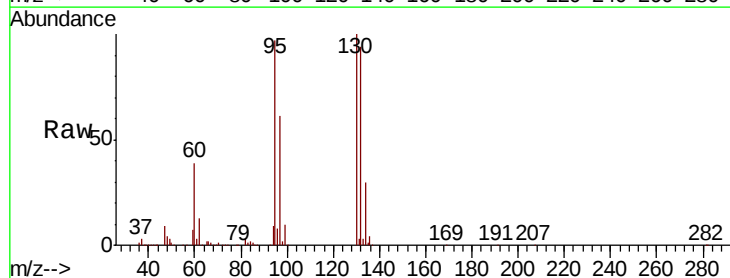
Tot Ion: 96 Resp: 1653394
 Ion Ratio Lower Upper
 96 100
 61 123.4 89.7 166.7
 98 64.3 45.0 83.6

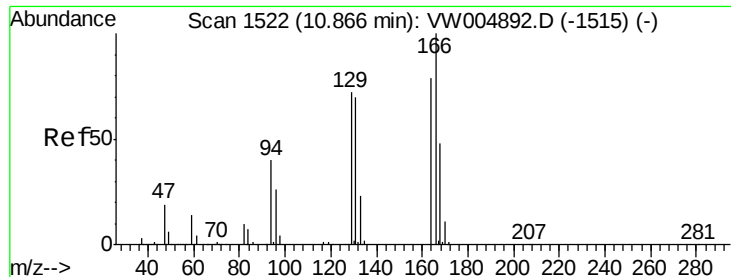


#35

Trichloroethene
 Concen: 49.29 ug/L
 RT: 9.10 min Scan# 1232
 Delta R.T. 0.00 min
 Lab File: VW004895.D
 Acq: 23 Aug 2018 14:05

Tgt Ion: 95 Resp: 535410
 Ion Ratio Lower Upper
 95 100
 97 64.2 45.9 85.3
 132 99.9 69.2 128.4
 130 103.6 72.7 135.1



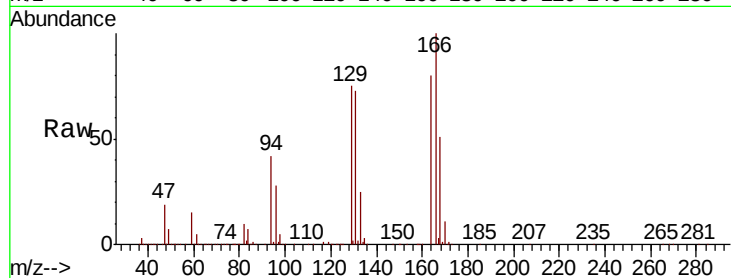


#47
Tetrachloroethene
Concen: 857.30 ug/L
RT: 10.87 min Scan# 1523
Delta R.T. 0.01 min
Lab File: VW004895.D
Acq: 23 Aug 2018 14:05

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Tot Ion:164 Resp: 9117278

Ion	Ratio	Lower	Upper
164	100		
129	94.0	66.8	124.0
131	91.6	64.0	119.0
166	125.0	89.8	166.8



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

