

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032119\
 Data File : VW009333.D
 Acq On : 21 Mar 2019 18:28
 Operator : SY/VA
 Sample : K2048-13
 Misc : 5.72G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Mar 22 09:44:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 22 09:38:27 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	354803	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	340493	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	153890	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	111845	26.38	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	105.52%
7) Chloroethane-d5	2.89	69	108207	21.81	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.24%
10) 1,1-Dichloroethene-d2	4.02	63	171520	18.72	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	74.88%
20) 2-Butanone-d5	7.07	46	84087	47.96	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.92%
24) Chloroform-d	7.65	84	242195	25.01	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.04%
26) 1,2-Dichloroethane-d4	8.30	65	147198	25.24	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.96%
29) Benzene-d6	8.27	84	450155	23.97	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.88%
33) 1,2-Dichloropropane-d6	9.27	67	139270	24.69	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.76%
37) Toluene-d8	10.32	98	397164	22.87	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.48%
38) trans-1,3-Dichloropropene-	10.58	79	60531	21.37	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.48%
39) 2-Hexanone-d5	10.93	63	64307	47.08	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.16%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	136857	24.64	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	98.56%
61) 1,2-Dichlorobenzene-d4	13.86	152	157407	26.67	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	106.68%

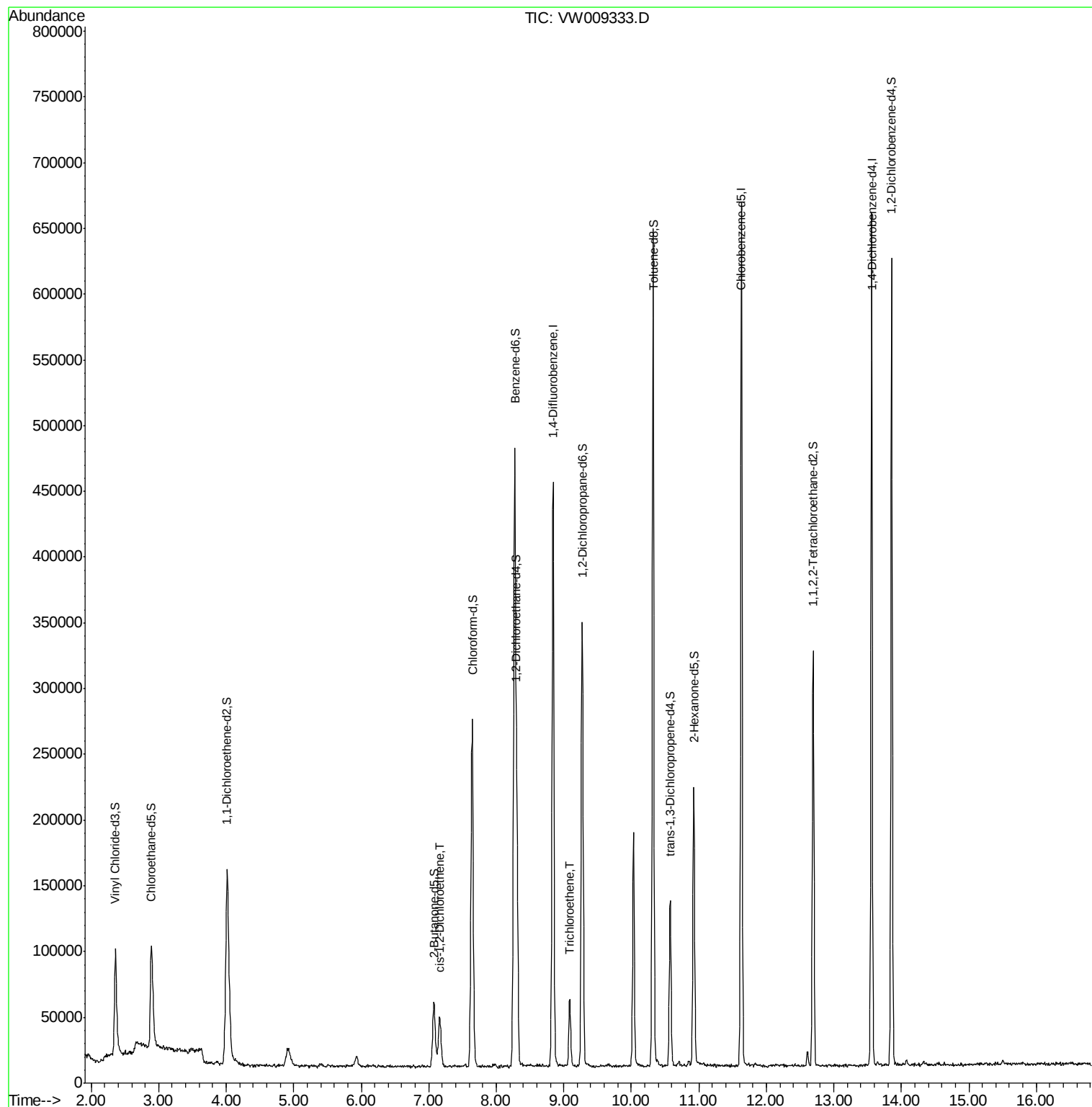
Target Compounds					Ovalue
22) cis-1,2-Dichloroethene	7.16	96	20111	4.041 ug/L	96
35) Trichloroethene	9.09	95	14768	2.974 ug/L	96

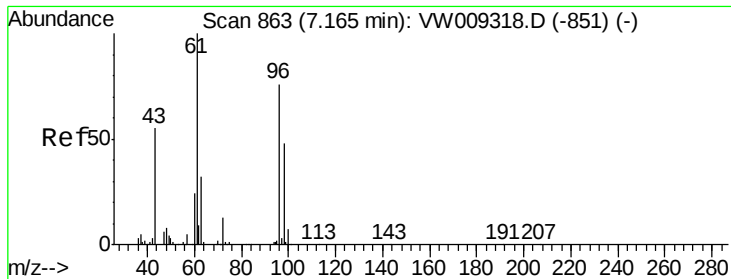
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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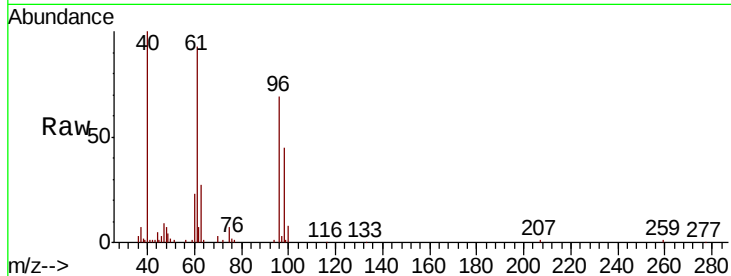


#22

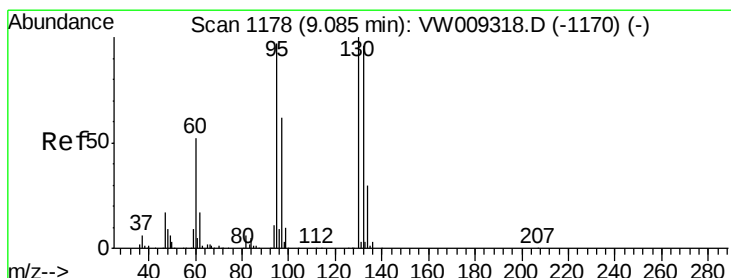
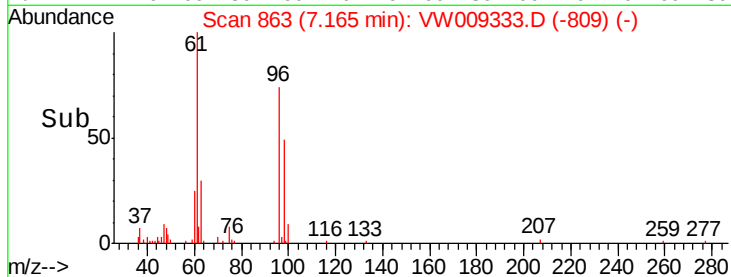
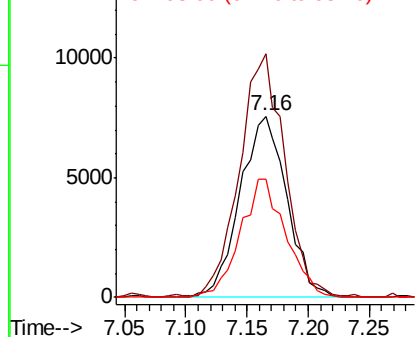
cis-1,2-Dichloroethene
Concen: 4.041 ug/L
RT: 7.16 min Scan# 863
Delta R.T. -0.00 min
Lab File: VW009333.D
Acq: 21 Mar 2019 18:28

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
96	100		
61	134.4	90.6	168.3
98	65.4	44.0	81.8



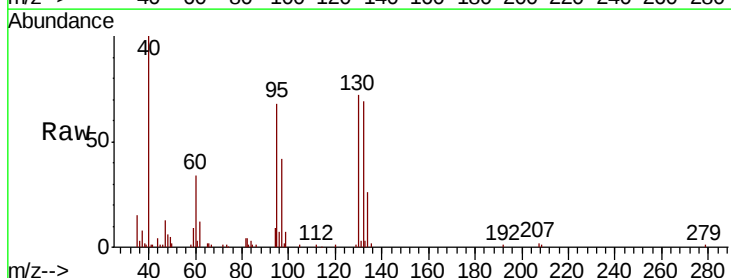
Abundance Ion 96.00 (95.70 to 96.70): VW
Ion 61.00 (60.70 to 61.70): VW
Ion 98.00 (97.70 to 98.70): VW



#35

Trichloroethene
Concen: 2.974 ug/L
RT: 9.09 min Scan# 1179
Delta R.T. 0.01 min
Lab File: VW009333.D
Acq: 21 Mar 2019 18:28

Tgt Ion	Ratio	Lower	Upper
95	100		
97	66.5	44.7	82.9
132	102.6	69.0	128.2
130	108.4	72.7	134.9



Abundance Ion 95.00 (94.70 to 95.70): VW
Ion 97.00 (96.70 to 97.70): VW
Ion 132.00 (131.70 to 132.70): V
Ion 130.00 (129.70 to 130.70): V

