

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW080119\
 Data File : VW011602.D
 Acq On : 01 Aug 2019 16:16
 Operator : SY/VA
 Sample : K4070-27
 Misc : 4.41G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DB9G0

Quant Time: Aug 02 05:40:03 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM073019S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 02 04:30:25 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	410715	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	366008	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	171438	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	118499	20.49	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.96%
7) Chloroethane-d5	2.89	69	88640	21.28	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.12%
10) 1,1-Dichloroethene-d2	4.02	63	207493	15.65	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	62.60%
20) 2-Butanone-d5	7.07	46	99209	38.10	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	76.20%
24) Chloroform-d	7.65	84	242718	21.52	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	86.08%
26) 1,2-Dichloroethane-d4	8.31	65	148374	22.23	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	88.92%
29) Benzene-d6	8.27	84	501494	21.79	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	87.16%
33) 1,2-Dichloropropane-d6	9.27	67	164938	22.20	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	88.80%
37) Toluene-d8	10.32	98	436037	21.35	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	85.40%
38) trans-1,3-Dichloropropene-	10.58	79	64880	19.92	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	79.68%
39) 2-Hexanone-d5	10.93	63	66546	38.34	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	76.68%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	127056	20.59	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	82.36%
61) 1,2-Dichlorobenzene-d4	13.85	152	145290	21.99	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	87.96%

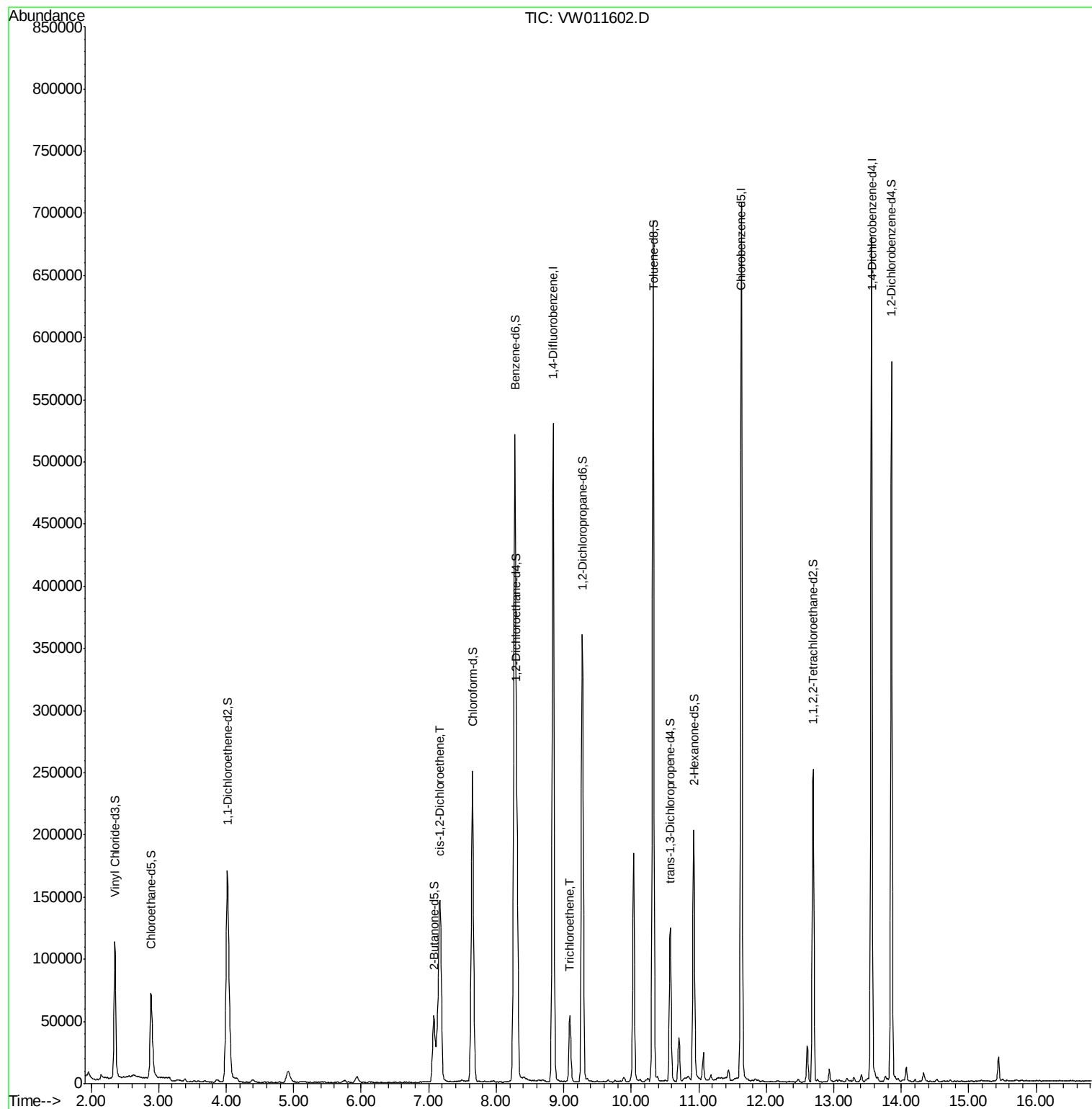
Target Compounds					Ovalue
22) cis-1,2-Dichloroethene	7.17	96	76533	12.003 ug/L	96
35) Trichloroethene	9.09	95	17994	2.763 ug/L	98

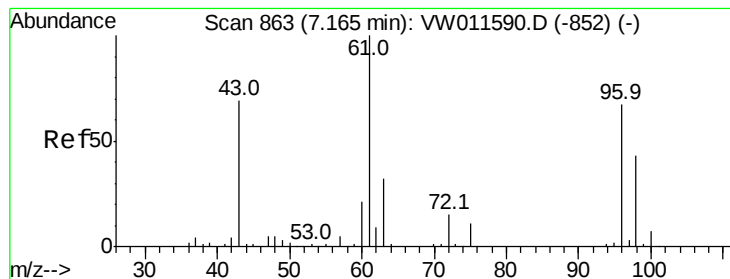
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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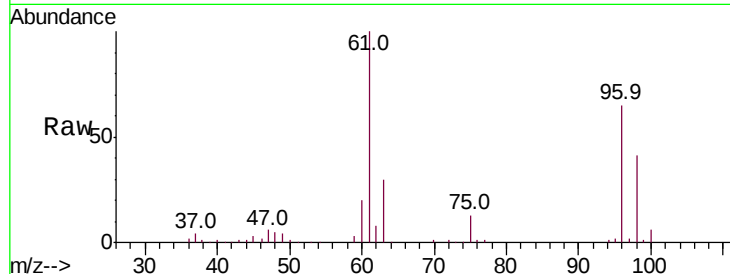


#22

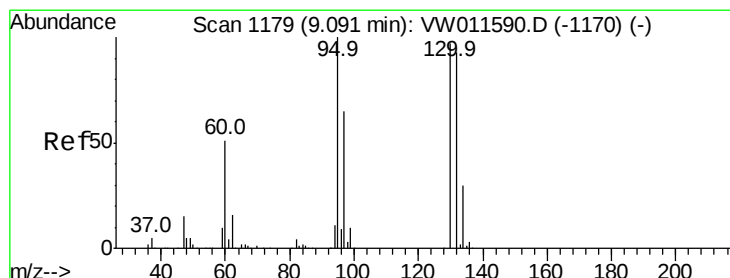
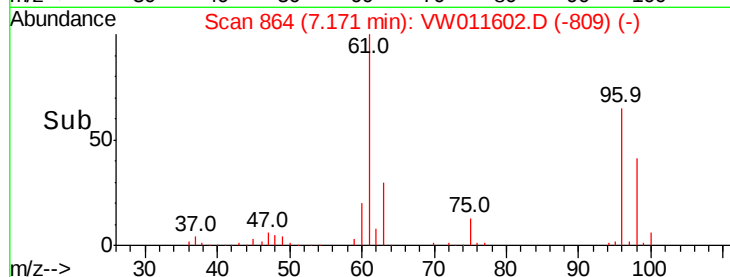
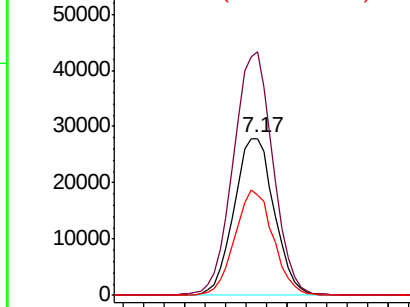
cis-1,2-Dichloroethene
Concen: 12.003 ug/L
RT: 7.17 min Scan# 864
Delta R.T. 0.01 min
Lab File: VW011602.D
Acq: 01 Aug 2019 16:16

Instrument :
MSVOA_W
ClientSampleId :
DB9G0

Tot Ion: 96 Resp: 76533
Ion Ratio Lower Upper
96 100
61 154.9 103.9 192.9
98 64.1 43.5 80.9



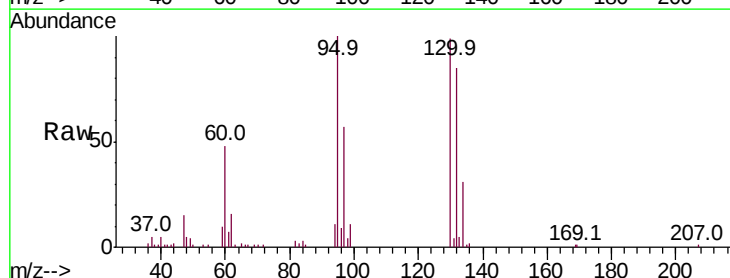
Abundance Ion 96.00 (95.70 to 96.70): VW
Ion 61.00 (60.70 to 61.70): VW
Ion 98.00 (97.70 to 98.70): VW



#35

Trichloroethene
Concen: 2.763 ug/L
RT: 9.09 min Scan# 1179
Delta R.T. 0.00 min
Lab File: VW011602.D
Acq: 01 Aug 2019 16:16

Tgt Ion: 95 Resp: 17994
Ion Ratio Lower Upper
95 100
97 66.8 44.8 83.2
132 92.1 65.0 120.6
130 100.1 68.0 126.4



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

