

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032119\
 Data File : VW009322.D
 Acq On : 21 Mar 2019 12:57
 Operator : SY/VA
 Sample : K1988-19
 Misc : 5.56G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Mar 22 09:43:00 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	338626	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	326902	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	150476	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	102172	25.25	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.00%
7) Chloroethane-d5	2.89	69	98682	20.84	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.36%
10) 1,1-Dichloroethene-d2	4.01	63	161243	18.44	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	73.76%
20) 2-Butanone-d5	7.07	46	59541	35.58	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	71.16%
24) Chloroform-d	7.65	84	220484	23.86	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.44%
26) 1,2-Dichloroethane-d4	8.31	65	126570	22.74	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	90.96%
29) Benzene-d6	8.27	84	409156	22.70	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.80%
33) 1,2-Dichloropropane-d6	9.27	67	125053	23.09	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.36%
37) Toluene-d8	10.32	98	359520	21.57	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	86.28%
38) trans-1,3-Dichloropropene-	10.58	79	51985	19.12	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	76.48%
39) 2-Hexanone-d5	10.93	63	41830	31.90	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	63.80%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	111599	20.93	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	83.72%
61) 1,2-Dichlorobenzene-d4	13.86	152	140538	24.36	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.44%

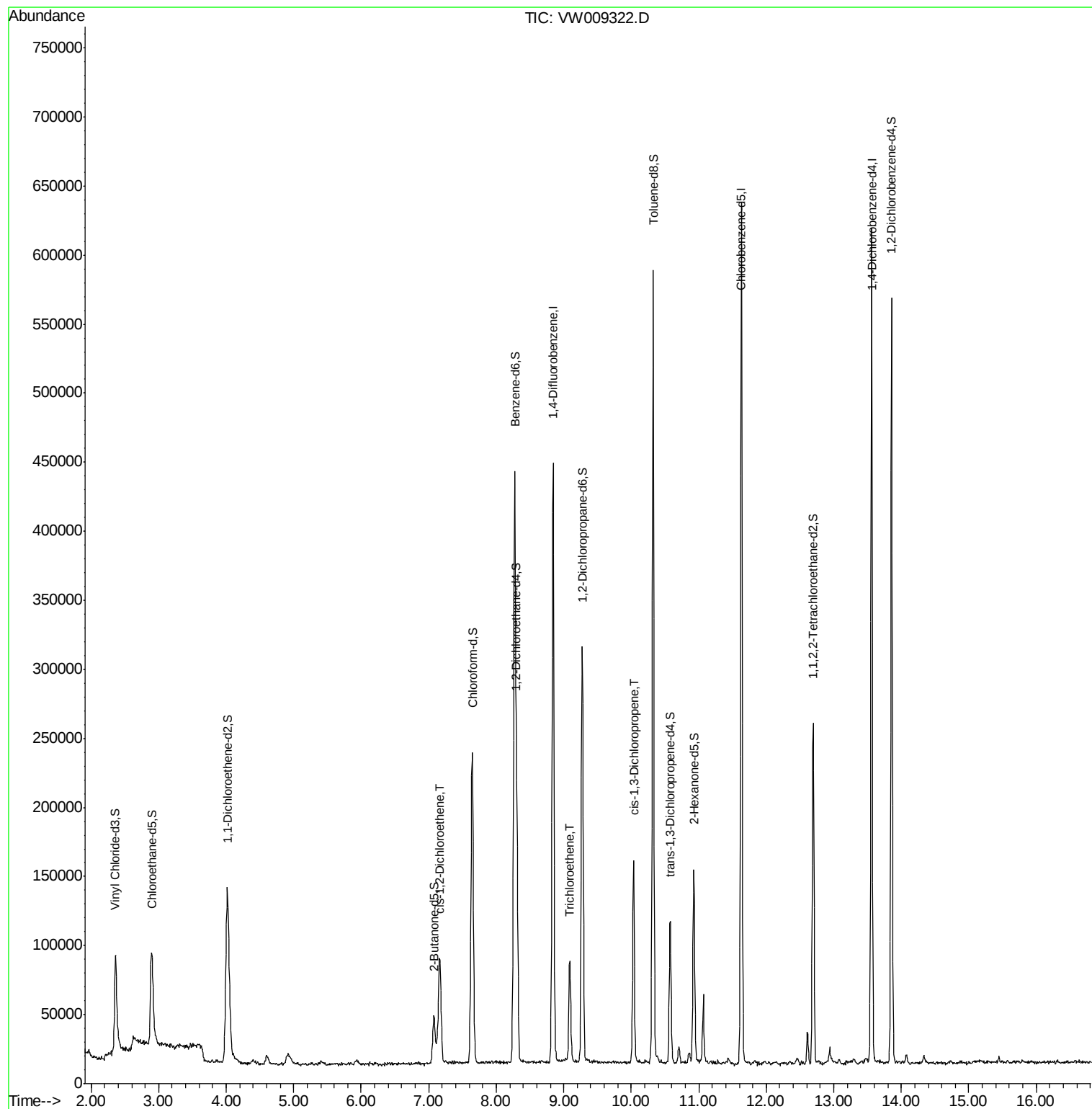
Target Compounds					Ovalue
22) cis-1,2-Dichloroethene	7.17	96	38127	8.028 ug/L	94
35) Trichloroethene	9.09	95	23443	4.917 ug/L	98
42) cis-1,3-Dichloropropene	10.04	75	4055	0.542 ug/L #	31

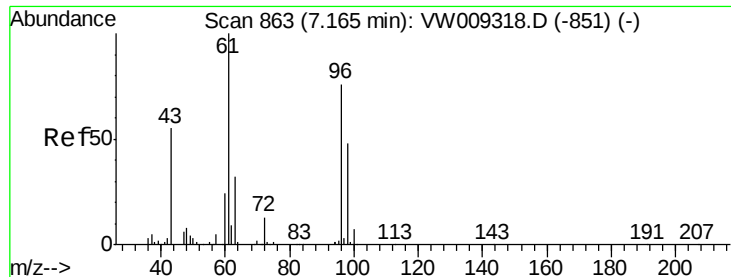
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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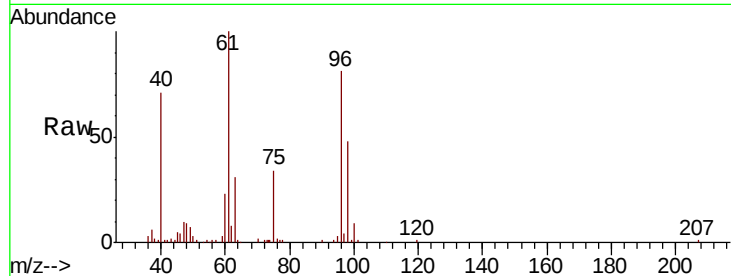


#22

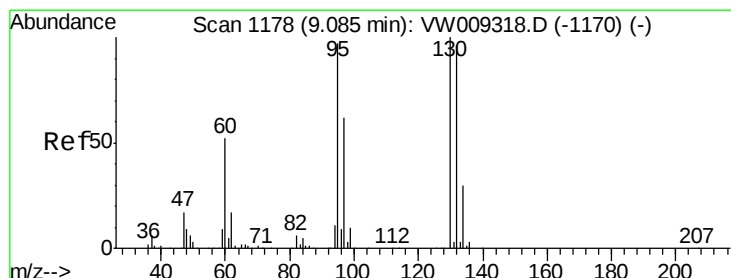
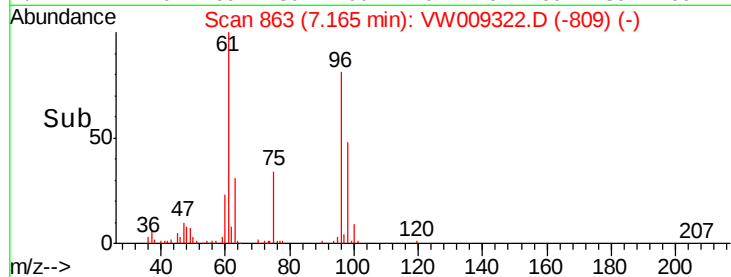
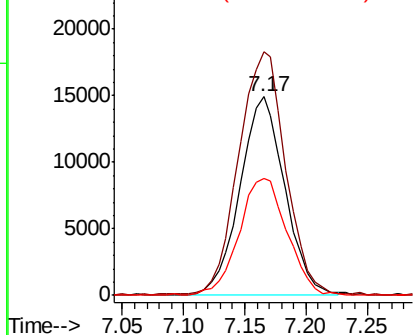
cis-1,2-Dichloroethene
Concen: 8.028 ug/L
RT: 7.17 min Scan# 863
Delta R.T. 0.00 min
Lab File: VW009322.D
Acq: 21 Mar 2019 12:57

Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 96 Resp: 38127
Ion Ratio Lower Upper
96 100
61 122.7 90.6 168.3
98 58.8 44.0 81.8



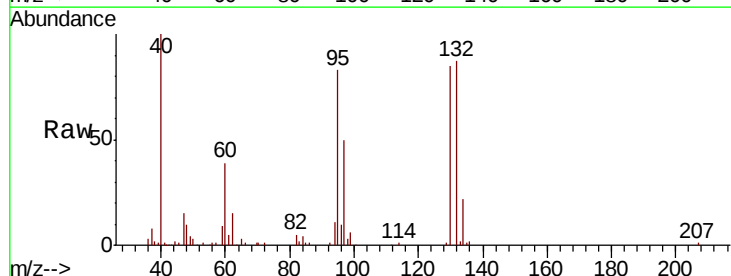
Abundance Ion 96.00 (95.70 to 96.70): VW
Ion 61.00 (60.70 to 61.70): VW
Ion 98.00 (97.70 to 98.70): VW



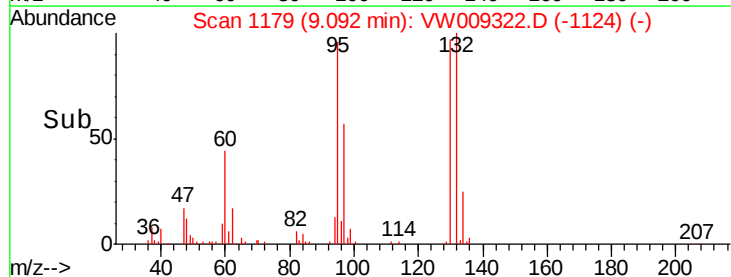
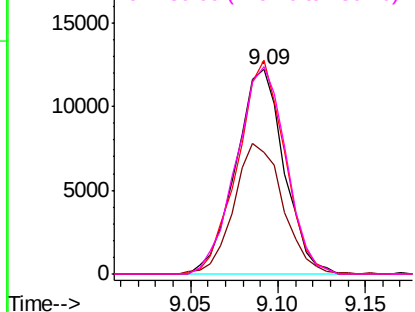
#35

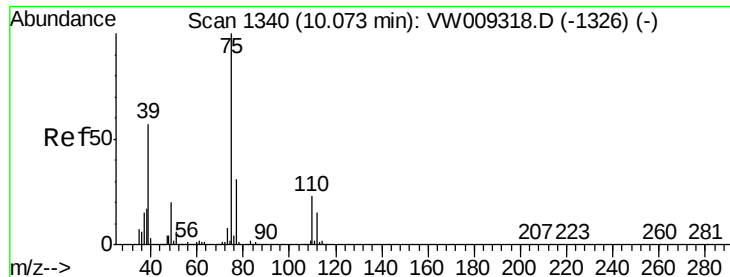
Trichloroethene
Concen: 4.917 ug/L
RT: 9.09 min Scan# 1179
Delta R.T. 0.01 min
Lab File: VW009322.D
Acq: 21 Mar 2019 12:57

Tgt Ion: 95 Resp: 23443
Ion Ratio Lower Upper
95 100
97 64.8 44.7 82.9
132 101.5 69.0 128.2
130 104.2 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





#42

cis-1,3-Dichloropropene

Concen: 0.542 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW009322.D

Acq: 21 Mar 2019 12:57

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 75 Resp: 4055

Ion Ratio Lower Upper

75 100

77 68.9 21.6 40.2#

