

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW080720\
 Data File : VW016072.D
 Acq On : 07 Aug 2020 12:59
 Operator : SY/VA
 Sample : L3579-09
 Misc : 6.29G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BFWP4

Quant Time: Aug 08 04:27:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072020S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Aug 08 03:18:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	356435	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	323615	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	155621	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	65645	13.05	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	52.20%
7) Chloroethane-d5	2.90	69	57865	14.17	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	56.68%
10) 1,1-Dichloroethene-d2	4.01	63	111606	10.98	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	43.92%#
20) 2-Butanone-d5	7.09	46	37782	28.60	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	57.20%
24) Chloroform-d	7.65	84	174542	17.44	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	69.76%
26) 1,2-Dichloroethane-d4	8.31	65	87653	15.95	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	63.80%#
29) Benzene-d6	8.27	84	338735	17.20	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	68.80%
33) 1,2-Dichloropropane-d6	9.27	67	101828	17.24	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	68.96%#
37) Toluene-d8	10.32	98	309830	17.36	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	69.44%
38) trans-1,3-Dichloropropene-	10.58	79	39866	15.84	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	63.36%
39) 2-Hexanone-d5	10.93	63	32060	32.60	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	65.20%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	79922	17.61	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	70.44%
61) 1,2-Dichlorobenzene-d4	13.86	152	114587	18.88	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	75.52%

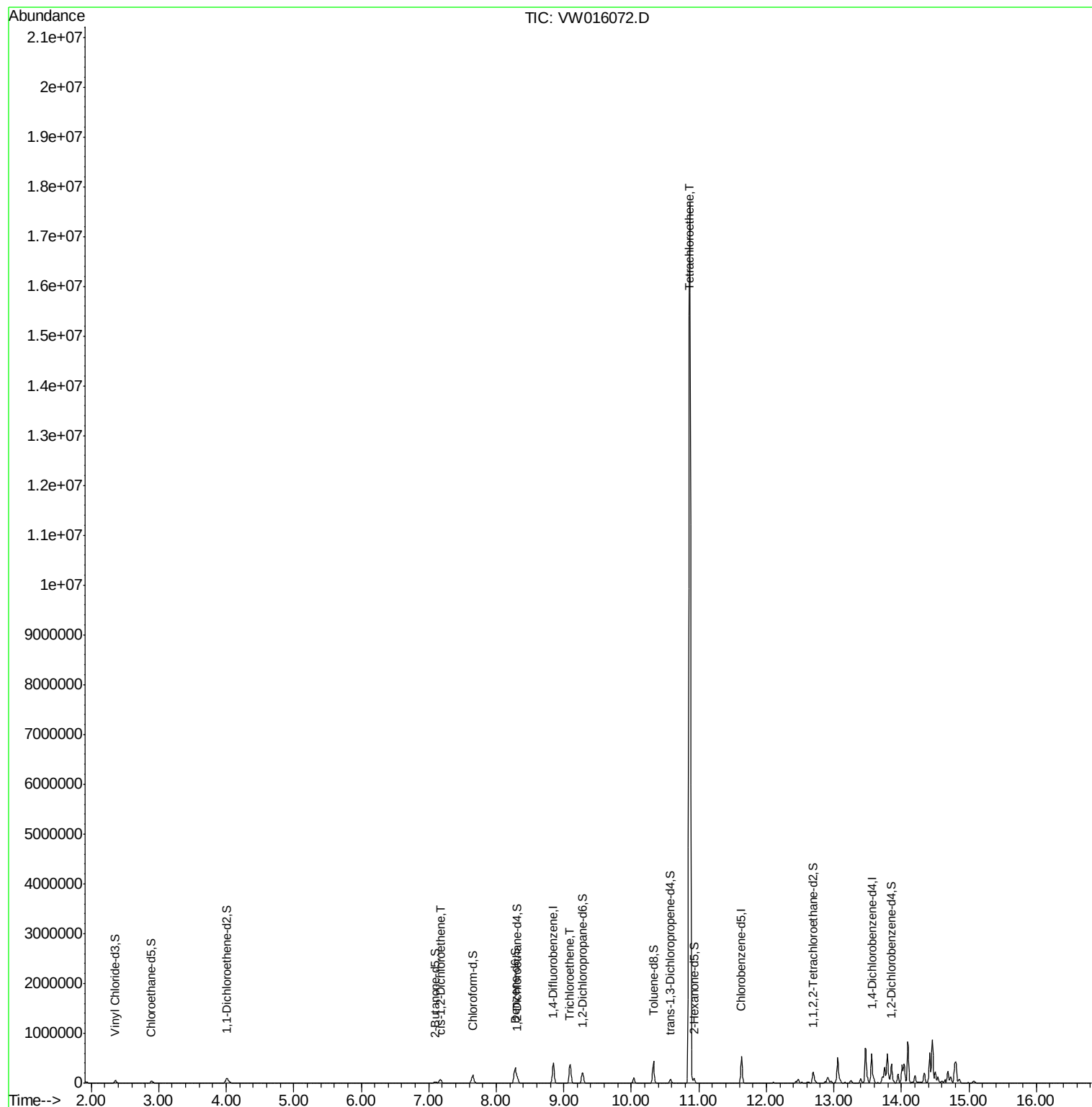
Target Compounds					Ovalue
22) cis-1,2-Dichloroethene	7.17	96	41031	8.105 ug/L	94
35) Trichloroethene	9.09	95	133606	25.696 ug/L	93
47) Tetrachloroethene	10.87	164	4349617	1077.755 ug/L	96

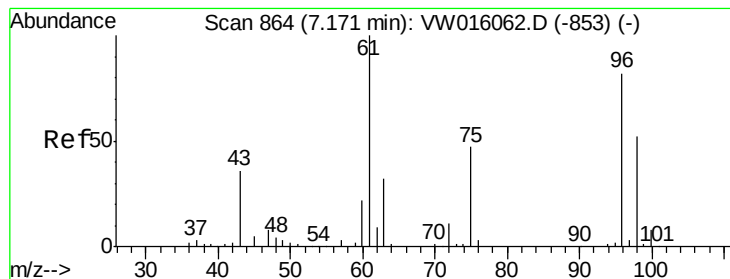
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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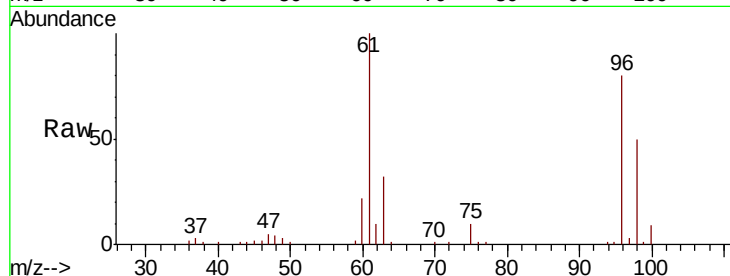


#22

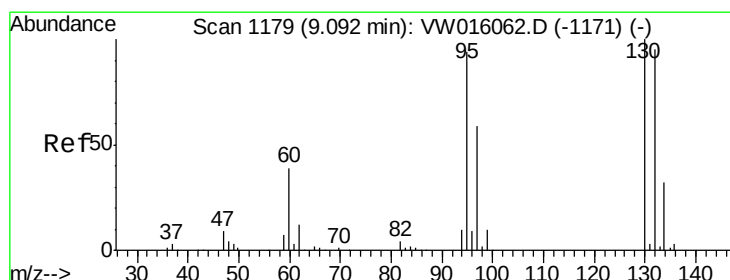
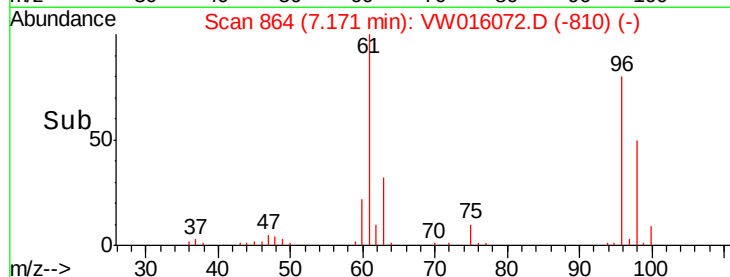
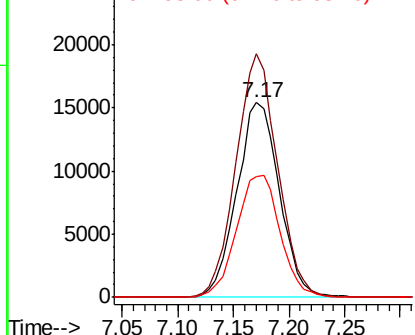
cis-1,2-Dichloroethene
Concen: 8.105 ug/L
RT: 7.17 min Scan# 864
Delta R.T. -0.00 min
Lab File: VW016072.D
Acq: 07 Aug 2020 12:59

Instrument :
MSVOA_W
ClientSampled :
BFWP4

Tot Ion: 96 Resp: 41031
Ion Ratio Lower Upper
96 100
61 125.3 94.6 175.8
98 62.4 44.3 82.3



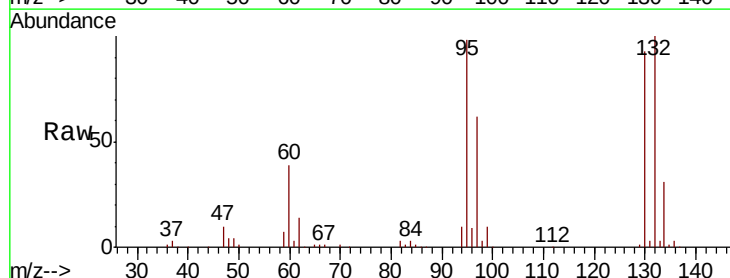
Abundance Ion 96.00 (95.70 to 96.70): VW
Ion 61.00 (60.70 to 61.70): VW
Ion 98.00 (97.70 to 98.70): VW



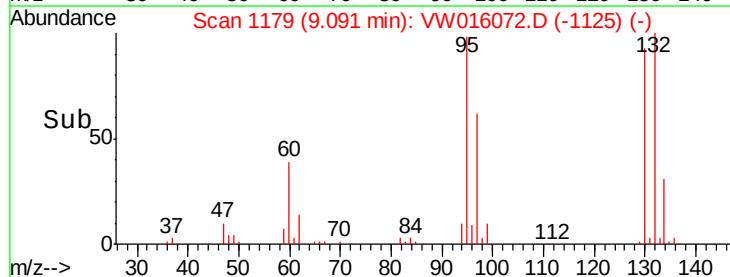
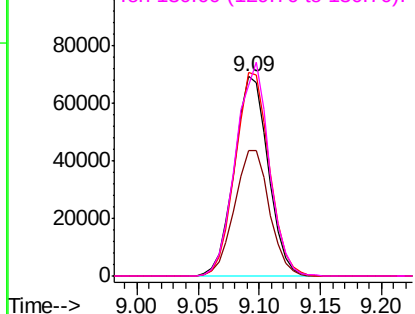
#35

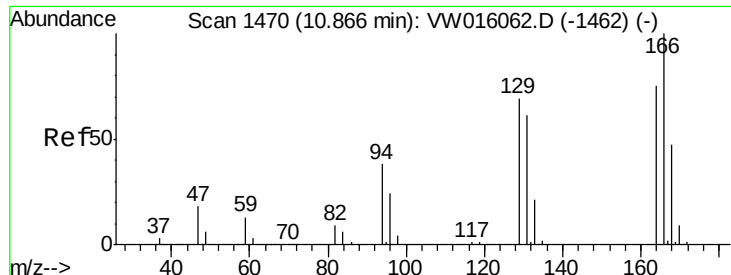
Trichloroethene
Concen: 25.696 ug/L
RT: 9.09 min Scan# 1179
Delta R.T. -0.00 min
Lab File: VW016072.D
Acq: 07 Aug 2020 12:59

Tgt Ion: 95 Resp: 133606
Ion Ratio Lower Upper
95 100
97 64.6 44.4 82.4
132 102.5 65.1 120.9
130 105.3 68.6 127.4



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





#47

Tetrachloroethene

Concen: 1077.755 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. -0.00 min

Lab File: VW016072.D

Acq: 07 Aug 2020 12:59

Instrument :

MSVOA_W

ClientSampleId :

BFWP4

Tot Ion:164 Resp: 4349617

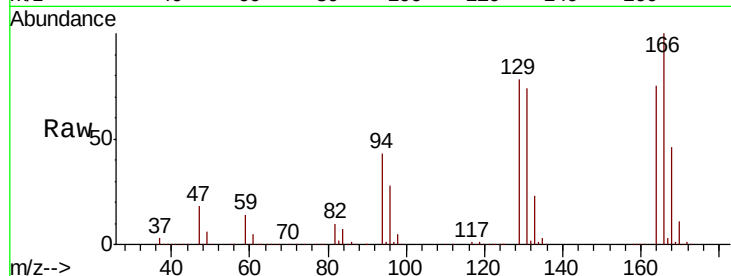
Ion Ratio Lower Upper

164 100

129 103.1 70.0 130.0

131 98.5 67.3 124.9

166 132.6 88.5 164.3



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

