

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW080620\
 Data File : VW016052.D
 Acq On : 06 Aug 2020 18:40
 Operator : SY/VA
 Sample : L3564-04
 Misc : 5.78G/10ML/MSVOA W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BFSN5

Quant Time: Aug 07 08:08:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072020S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 07 07:41:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	320630	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	244973	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	80225	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	58423	12.91	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	51.64%
7) Chloroethane-d5	2.89	69	49535	13.48	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	53.92%
10) 1,1-Dichloroethene-d2	4.01	63	94031	10.28	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	41.12%#
20) 2-Butanone-d5	7.09	46	15100	12.71	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	25.42%
24) Chloroform-d	7.65	84	148277	16.47	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	65.88%
26) 1,2-Dichloroethane-d4	8.31	65	79678	16.12	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	64.48%#
29) Benzene-d6	8.27	84	272092	18.25	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	73.00%
33) 1,2-Dichloropropane-d6	9.27	67	87659	19.61	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	78.44%
37) Toluene-d8	10.32	98	218266	16.16	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	64.64%
38) trans-1,3-Dichloropropene-	10.58	79	17647	9.26	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	37.04%
39) 2-Hexanone-d5	10.93	63	11665	15.67	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	31.34%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	66478	19.35	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	77.40%
61) 1,2-Dichlorobenzene-d4	13.85	152	56846	18.17	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	72.68%#

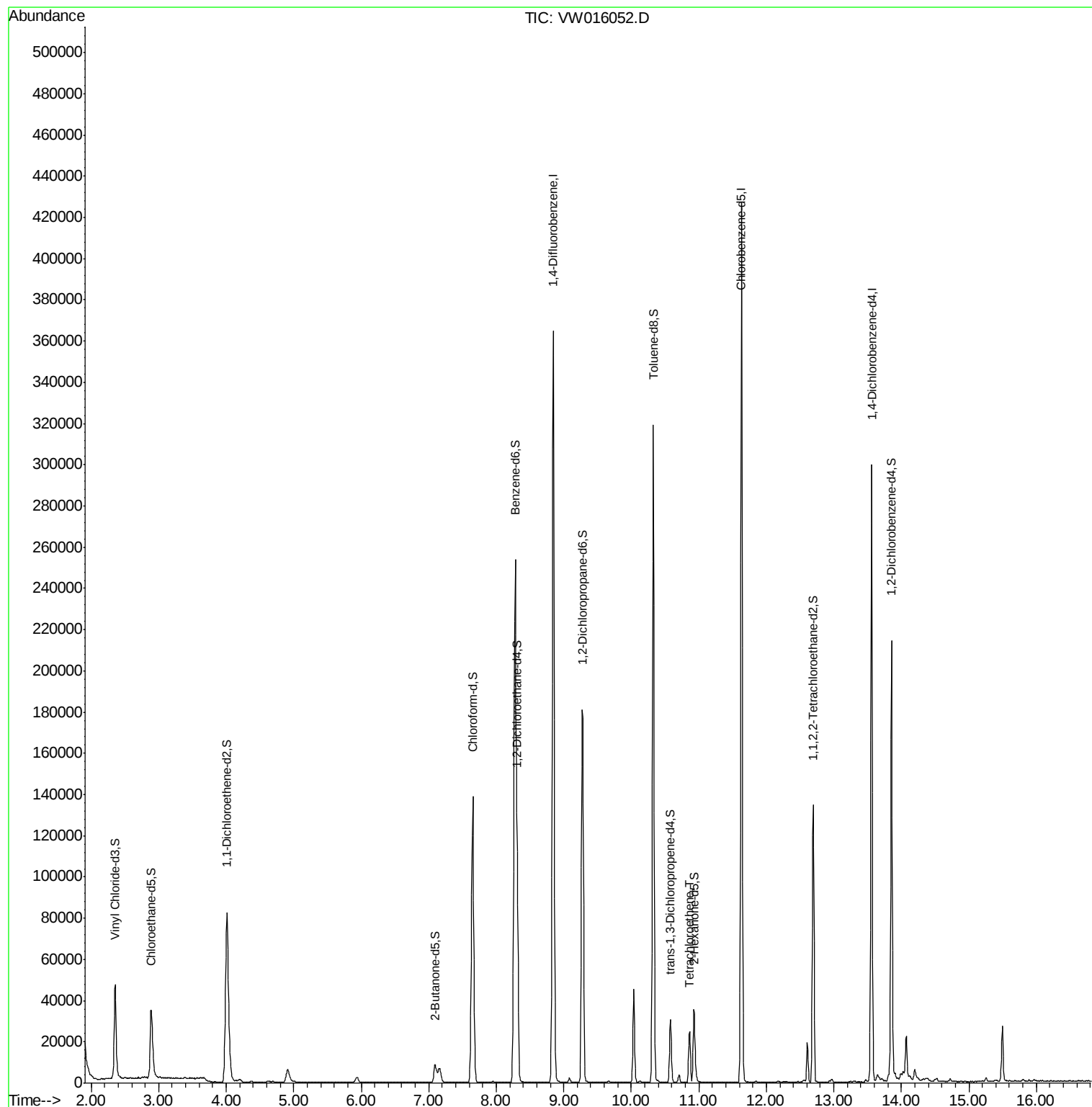
Target Compounds					Ovalue
47) Tetrachloroethene	10.87	164	5941	1.945 ug/L	94

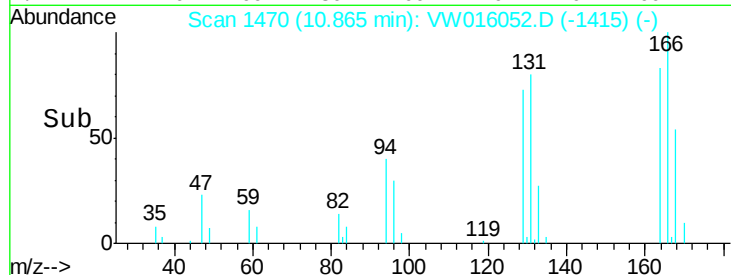
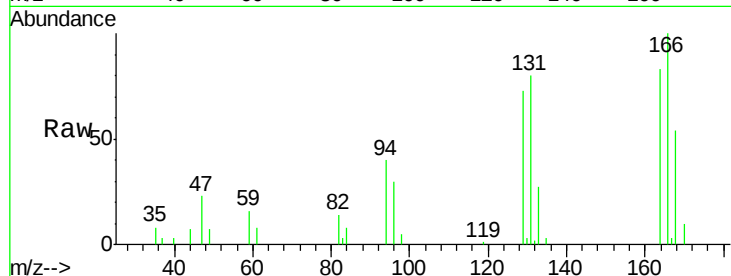
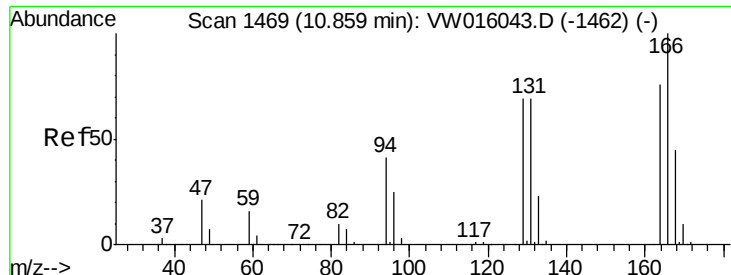
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#47

Tetrachloroethene

Concen: 1.945 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. 0.01 min

Lab File: VW016052.D

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MSVOA_W

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Tot Ion:164 Resp: 5941

Ion Ratio Lower Upper

164 100

129 88.2 70.0 130.0

131 96.1 67.3 124.9

166 120.1 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

