

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW071918\
 Data File : VW004041.D
 Acq On : 19 Jul 2018 17:47
 Operator : VA/AP
 Sample : J4037-02
 Misc : 5.59G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BEY45

Quant Time: Jul 20 06:53:45 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM071818S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jul 20 06:42:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	257840	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	242698	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	92539	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	58944	23.11	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.44%
7) Chloroethane-d5	2.89	69	44176	24.03	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.12%
10) 1,1-Dichloroethene-d2	4.00	63	101675	16.62	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	66.48%
20) 2-Butanone-d5	7.08	46	63167	42.24	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.48%
24) Chloroform-d	7.65	84	157698	25.77	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	103.08%
26) 1,2-Dichloroethane-d4	8.31	65	99173	26.91	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	107.64%
29) Benzene-d6	8.27	84	278364	24.73	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.92%
33) 1,2-Dichloropropane-d6	9.28	67	100183	26.68	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	106.72%
37) Toluene-d8	10.33	98	235794	23.31	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.24%
38) trans-1,3-Dichloropropene-	10.58	79	39425	23.89	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.56%
39) 2-Hexanone-d5	10.93	63	43986	43.52	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.04%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	108107	26.28	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	105.12%
61) 1,2-Dichlorobenzene-d4	13.87	152	82530	27.74	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	110.96%

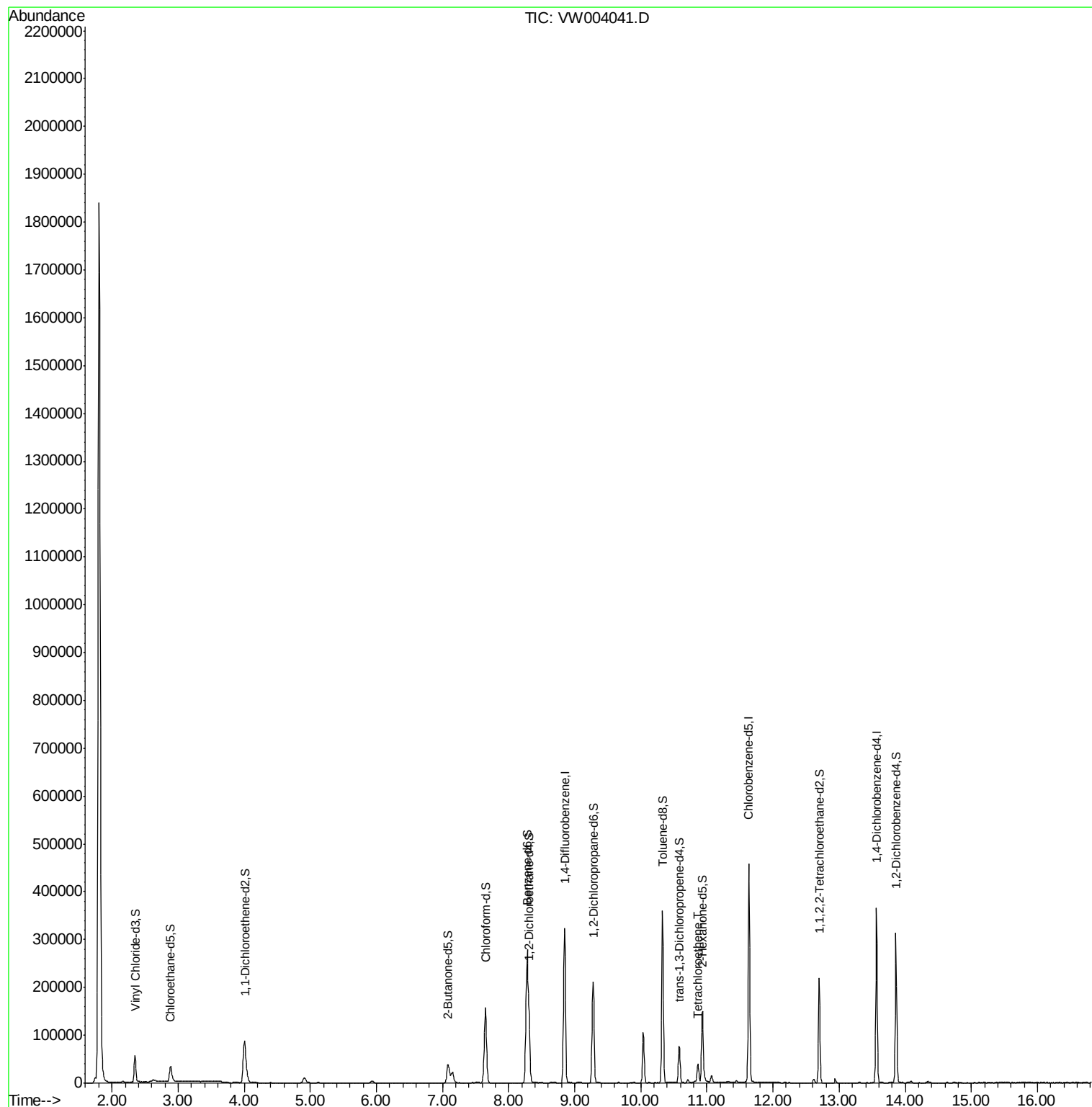
Target Compounds					Qvalue
47) Tetrachloroethene	10.87	164	8781	2.735 ug/L	94

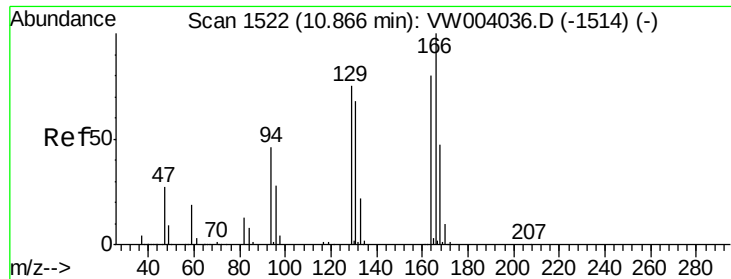
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#47

Tetrachloroethene

Concen: 2.735 ug/L

RT: 10.87 min Scan# 1522

Delta R.T. 0.00 min

Lab File: VW004041.D

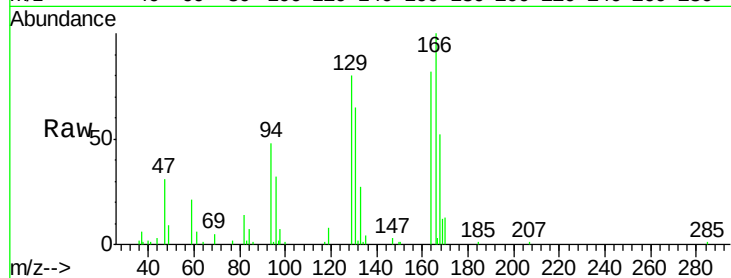
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Tgt Ion:164 Resp: 8781

Ion Ratio Lower Upper

164 100

129 98.4 63.1 117.3

131 80.0 62.8 116.6

166 122.5 84.6 157.2

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

