

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032019\
 Data File : VW009286.D
 Acq On : 20 Mar 2019 14:42
 Operator : SY/VA
 Sample : K1986-08
 Misc : 5.60G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF0Z6

Manual Integrations
 APPROVED

MMDadoda
 3/25/2019 11:43:24 AM

Quant Time: Mar 22 07:18:49 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 21 10:17:44 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	447716	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	423046	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	196158	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	140850	26.33	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	105.32%
7) Chloroethane-d5	2.89	69	132629	21.19	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.76%
10) 1,1-Dichloroethene-d2	4.01	63	220014	19.03	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	76.12%
20) 2-Butanone-d5	7.08	46	88901m	40.18	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	80.36%
24) Chloroform-d	7.64	84	298069	24.40	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.60%
26) 1,2-Dichloroethane-d4	8.30	65	176285	23.95	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.80%
29) Benzene-d6	8.27	84	574389	24.62	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.48%
33) 1,2-Dichloropropane-d6	9.27	67	173132	24.71	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.84%
37) Toluene-d8	10.32	98	522706	24.23	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.92%
38) trans-1,3-Dichloropropene-	10.58	79	75797	21.54	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	86.16%
39) 2-Hexanone-d5	10.93	63	67842	39.97	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	79.94%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	146792	21.27	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	85.08%
61) 1,2-Dichlorobenzene-d4	13.86	152	193735	25.76	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	103.04%

Target Compounds					Ovalue
47) Tetrachloroethene	10.86	164	21044	4.037 ug/L	89

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

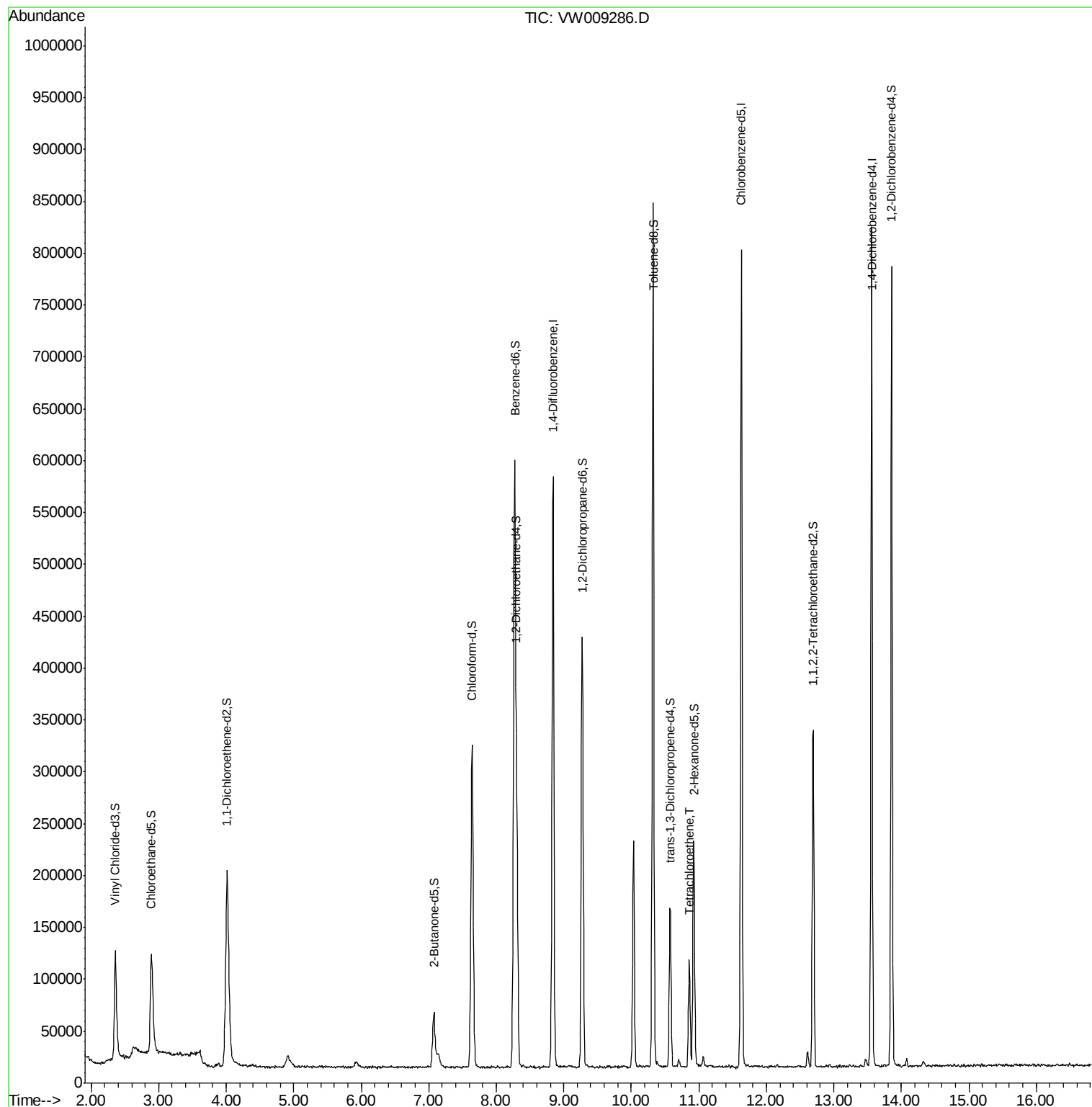
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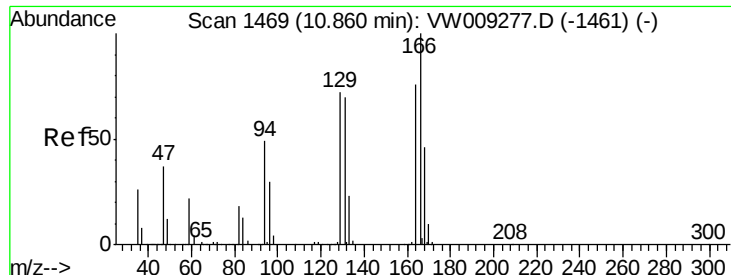
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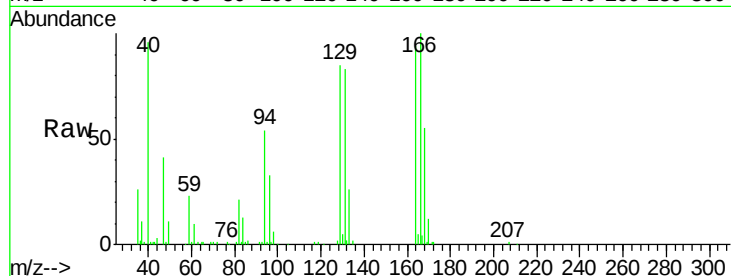
#47
Tetrachloroethene
Concen: 4.037 ug/L
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW009286.D
Acq: 20 Mar 2019 14:42

Instrument :
MSVOA_W
ClientSampleId :
BF0Z6

Tot Ion	Ratio	Lower	Upper
164	100		
129	90.7	66.5	123.5
131	88.0	62.6	116.3
166	106.1	91.6	170.0

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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

