

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072619\
 Data File : VW011505.D
 Acq On : 25 Jul 2019 17:59
 Operator : SY/VA
 Sample : K3979-15
 Misc : 5.42G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DB935

Manual Integrations
 APPROVED

MMDadoda
 7/26/2019 11:15:31 AM

Quant Time: Jul 26 02:07:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072219S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jul 26 01:06:02 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	330383	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	297239	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	136866	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	97042	22.00	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.00%
7) Chloroethane-d5	2.89	69	70072	21.81	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.24%
10) 1,1-Dichloroethene-d2	4.01	63	166248	16.64	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	66.56%
20) 2-Butanone-d5	7.07	46	86575	46.09	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.18%
24) Chloroform-d	7.65	84	190268	22.49	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.96%
26) 1,2-Dichloroethane-d4	8.31	65	119968m	23.85	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.40%
29) Benzene-d6	8.27	84	397305	22.35	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	89.40%
33) 1,2-Dichloropropane-d6	9.27	67	130502	22.66	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.64%
37) Toluene-d8	10.32	98	346228	21.73	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	86.92%
38) trans-1,3-Dichloropropene-	10.58	79	52561	21.12	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	84.48%
39) 2-Hexanone-d5	10.93	63	57744	46.24	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.48%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	106472	23.13	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	92.52%
61) 1,2-Dichlorobenzene-d4	13.85	152	118129	22.99	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.96%

Target Compounds					Ovalue
47) Tetrachloroethene	10.86	164	4595	1.221 ug/L	83

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

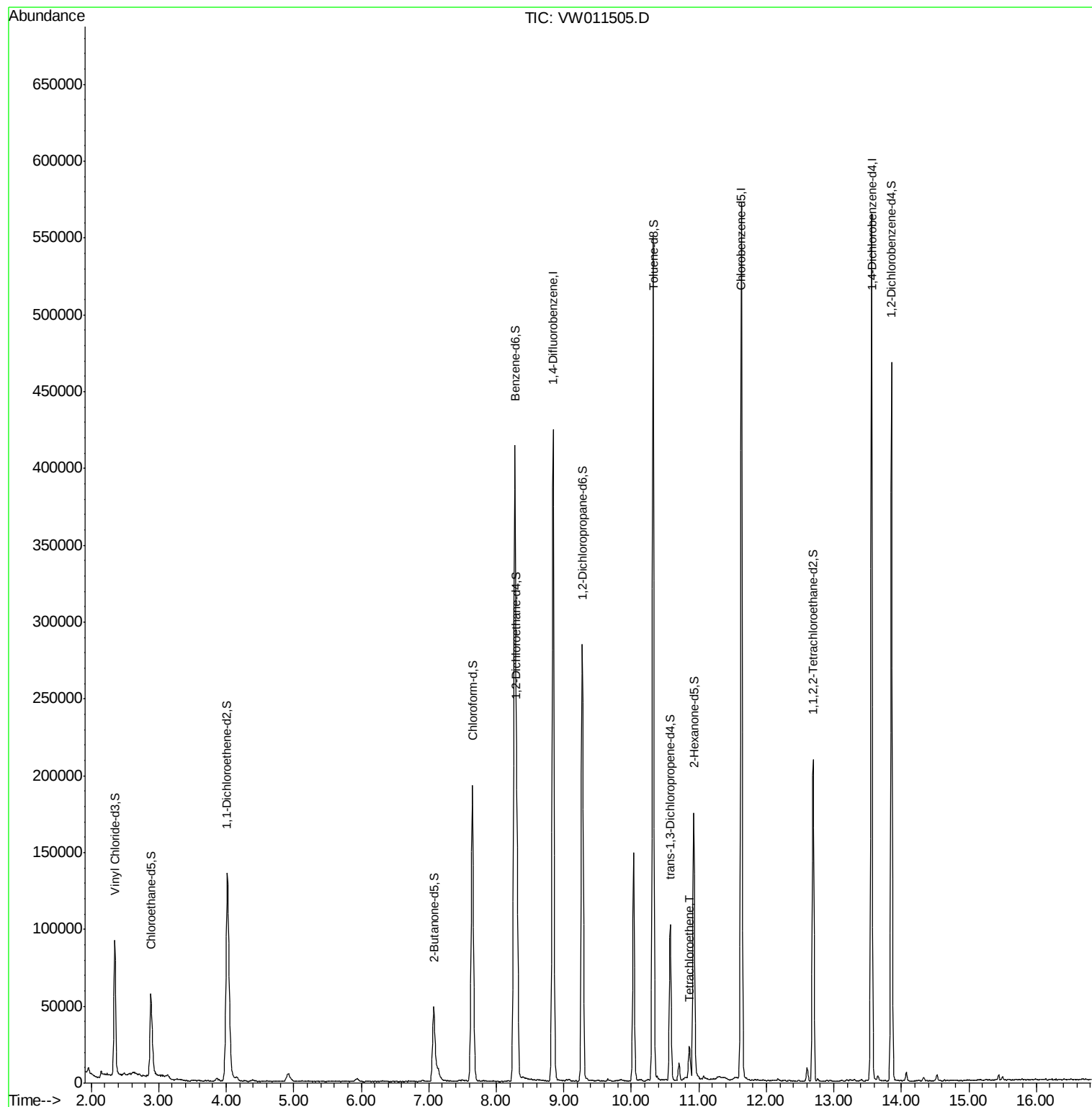
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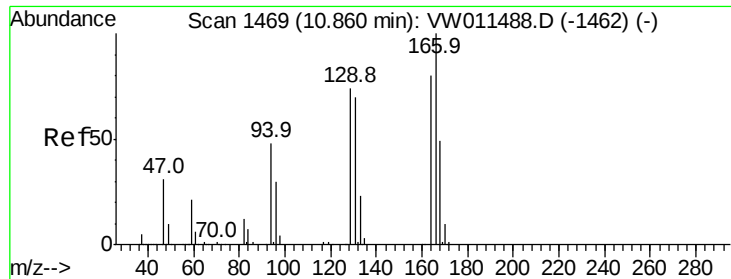
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#47
Tetrachloroethene
Concen: 1.221 ug/L
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW011505.D
Acq: 25 Jul 2019 17:59

Instrument :
MSVOA_W
ClientSampleId :
DB935

Tot Ion:	164	Resp:	4595
Ion	Ratio	Lower	Upper
164	100		
129	78.6	69.0	128.1
131	83.3	64.5	119.7
166	104.5	89.2	165.6

Manual Integrations
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