

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032519\
 Data File : VW009445.D
 Acq On : 25 Mar 2019 23:29
 Operator : SY/VA
 Sample : K2044-13
 Misc : 5.96G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF5W2

Manual Integrations
 APPROVED

MMDadoda
 3/27/2019 12:15:06 PM

Quant Time: Mar 26 10:12:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Mar 26 09:00:24 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	341382	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	325947	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	142059	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	84031	20.60	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.40%
7) Chloroethane-d5	2.89	69	99018	20.74	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.96%
10) 1,1-Dichloroethene-d2	4.01	63	144048	16.34	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	65.36%
20) 2-Butanone-d5	7.08	46	114508	67.87	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	135.74%#
24) Chloroform-d	7.64	84	225970	24.26	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.04%
26) 1,2-Dichloroethane-d4	8.31	65	145088m	25.85	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	103.40%
29) Benzene-d6	8.27	84	397487	22.11	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	88.44%
33) 1,2-Dichloropropane-d6	9.27	67	128928	23.88	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.52%
37) Toluene-d8	10.32	98	346049	20.82	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	83.28%
38) trans-1,3-Dichloropropene-	10.58	79	58040	21.41	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.64%
39) 2-Hexanone-d5	10.93	63	79862	61.07	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	122.14%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	149276	28.07	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	112.28%
61) 1,2-Dichlorobenzene-d4	13.86	152	134050	24.61	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.44%

Target Compounds					Ovalue
47) Tetrachloroethene	10.86	164	1660	0.413 ug/L	90

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

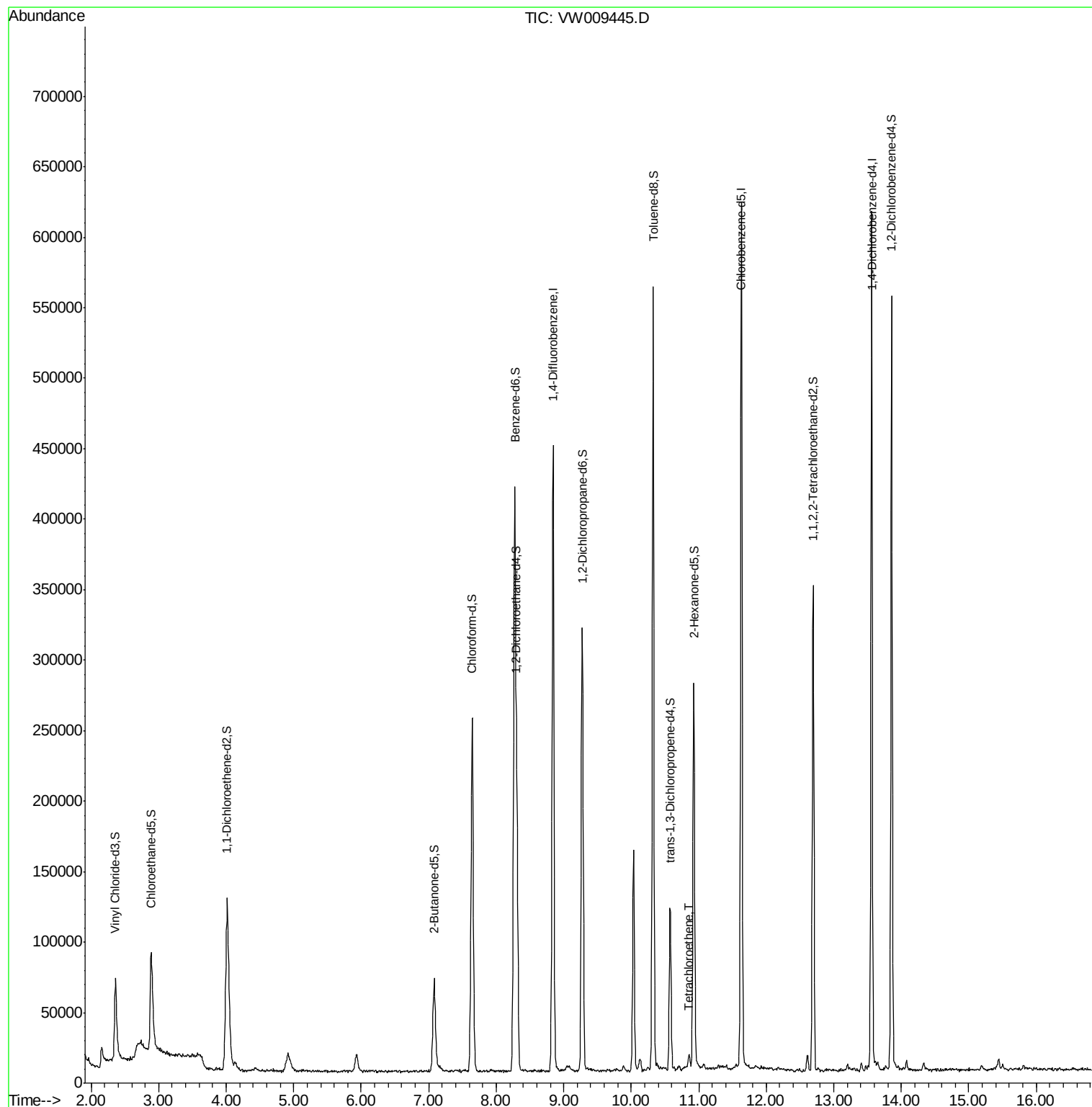
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW032519\
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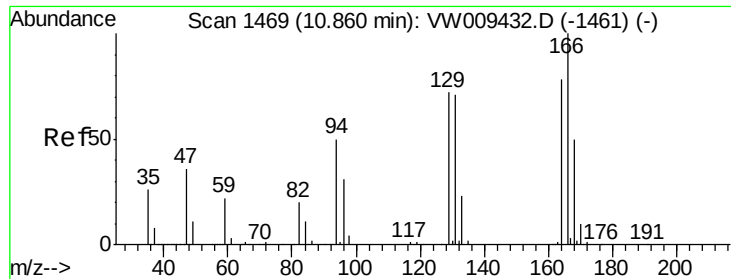
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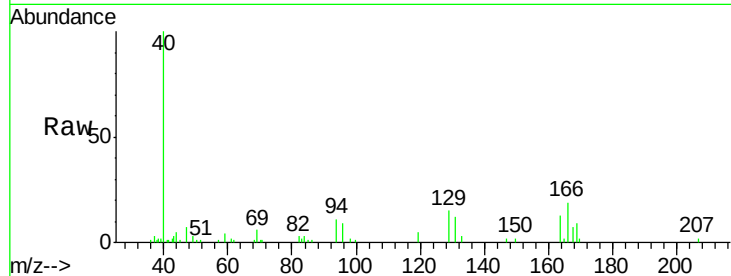
#47
Tetrachloroethene
Concen: 0.413 ug/L
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VW009445.D
Acq: 25 Mar 2019 23:29

Instrument :
MSVOA_W
ClientSampleId :
BF5W2

Tot Ion:	164	Resp:	1660
Ion Ratio	Lower	Upper	
164	100		
129	112.7	66.5	123.5
131	86.9	62.6	116.3
166	141.2	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

