

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU031819\
 Data File : VU030162.D
 Acq On : 18 Mar 2019 10:36
 Operator : JC/SP
 Sample : K1936-15
 Misc : 5.74g/5mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BF0X3

Manual Integrations
 APPROVED

MMDadoda
 3/19/2019 9:06:41 AM

Quant Time: Mar 19 02:11:49 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031319WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Mar 18 12:44:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	852606	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	874490	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	488222	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	179931	31.91	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	63.82%
7) Chloroethane-d5	1.64	69	93552m	20.55	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	41.10%#
11) 1,1-Dichloroethene-d2	2.24	63	261676	25.71	ug/L	-0.03
Spiked Amount	50.000	Range	60 - 125	Recovery	=	51.42%#
21) 2-Butanone-d5	4.18	46	363759	86.09	ug/L	0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	86.09%
24) Chloroform-d	4.64	84	381097	37.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	75.34%
26) 1,2-Dichloroethane-d4	5.30	65	229323	39.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	78.48%
32) Benzene-d6	5.33	84	799499	35.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	71.04%
36) 1,2-Dichloropropane-d6	6.32	67	264562	38.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	76.80%
41) Toluene-d8	7.56	98	727020	34.49	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	68.98%#
43) trans-1,3-Dichloropropene-	7.85	79	124255	37.23	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.46%
47) 2-Hexanone-d5	8.32	63	347627	90.18	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.18%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	483509	45.67	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.34%
64) 1,2-Dichlorobenzene-d4	11.86	152	373062	39.44	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	78.88%#

Target Compounds					Ovalue
46) Tetrachloroethene	8.22	164	28703	5.001 ug/L	98

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

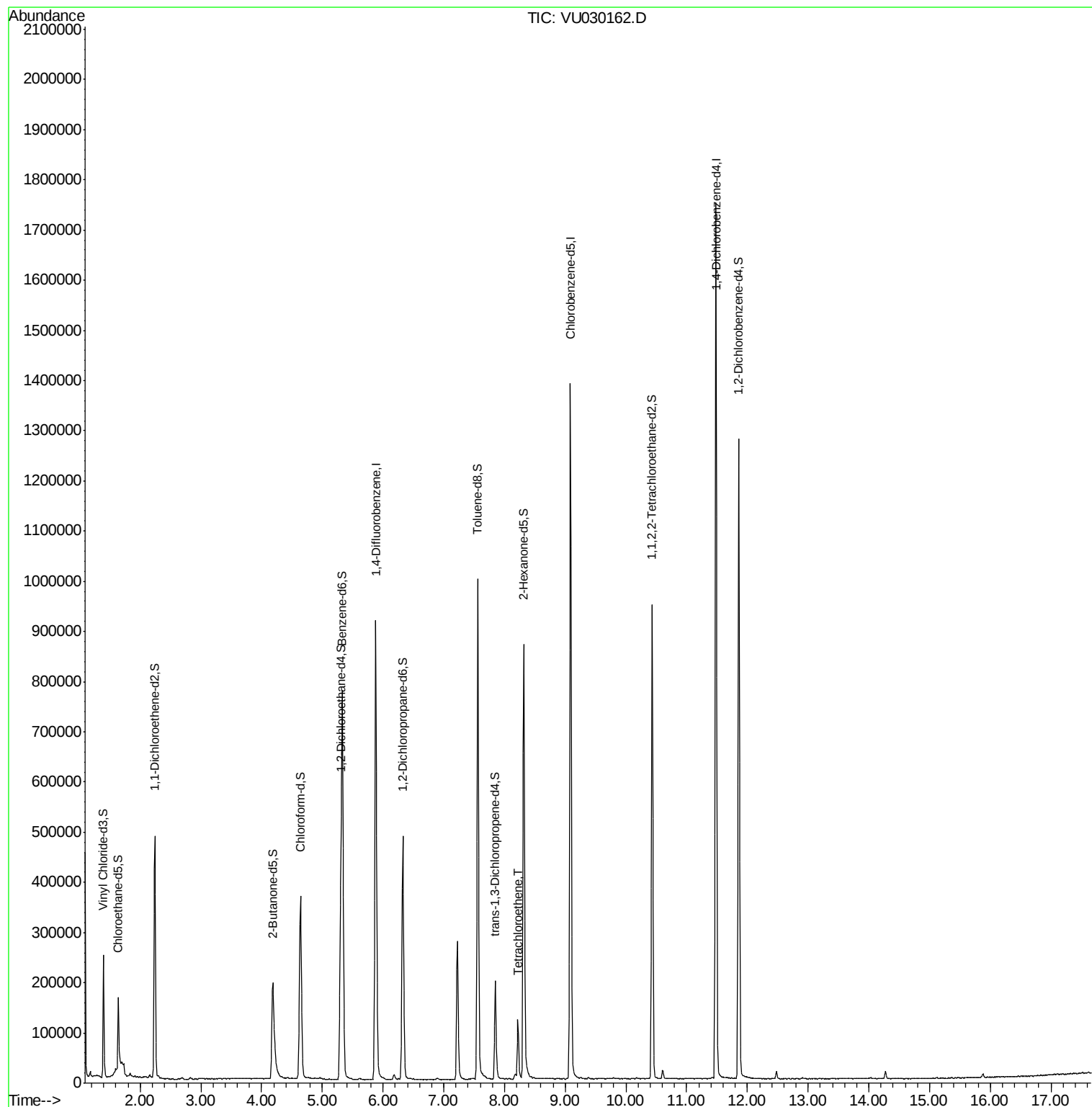
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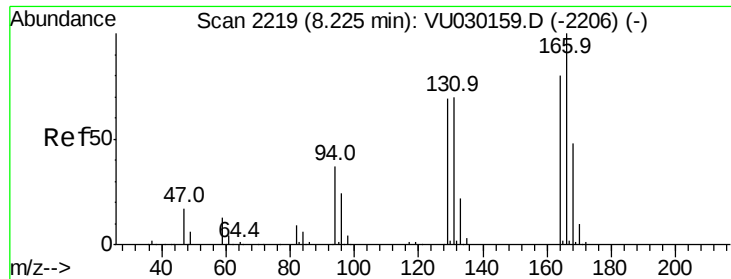
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#46
Tetrachloroethene
Concen: 5.001 ug/L
RT: 8.22 min Scan# 2219
Delta R.T. 0.00 min
Lab File: VU030162.D
Acq: 18 Mar 2019 10:36

Instrument :
MSVOA_U
ClientSampleId :
BF0X3

Tot Ion	Ratio	Lower	Upper
164	100		
129	93.6	63.3	117.7
131	91.4	62.0	115.2
166	128.2	90.5	168.1

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