

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU031919\
 Data File : VU030203.D
 Acq On : 19 Mar 2019 19:03
 Operator : JC/SP
 Sample : K1986-05
 Misc : 6.01µ/5mL/100µL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BF0B2

Manual Integrations
 APPROVED

MMDadoda
 3/20/2019 3:15:33 PM

Quant Time: Mar 20 04:22:39 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031919WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Mar 20 02:58:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	562476	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	570773	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	299277	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	168169	44.22	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.44%
7) Chloroethane-d5	1.64	69	73312	24.11	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	48.22%#
11) 1,1-Dichloroethene-d2	2.23	63	227288m	32.76	ug/L	-0.04
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.52%
21) 2-Butanone-d5	4.19	46	250576	88.81	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	88.81%
24) Chloroform-d	4.64	84	292694	41.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.86%
26) 1,2-Dichloroethane-d4	5.30	65	177070	44.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.96%
32) Benzene-d6	5.33	84	647467	43.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.10%
36) 1,2-Dichloropropane-d6	6.32	67	201861	43.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	86.74%
41) Toluene-d8	7.56	98	594427	42.03	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.06%
43) trans-1,3-Dichloropropene-	7.85	79	93173	41.11	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.22%
47) 2-Hexanone-d5	8.32	63	225766	93.55	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.55%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	330138	46.25	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.50%
64) 1,2-Dichlorobenzene-d4	11.86	152	266120	44.29	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.58%

Target Compounds					Ovalue
46) Tetrachloroethene	8.22	164	2707	0.738 ug/L	83

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

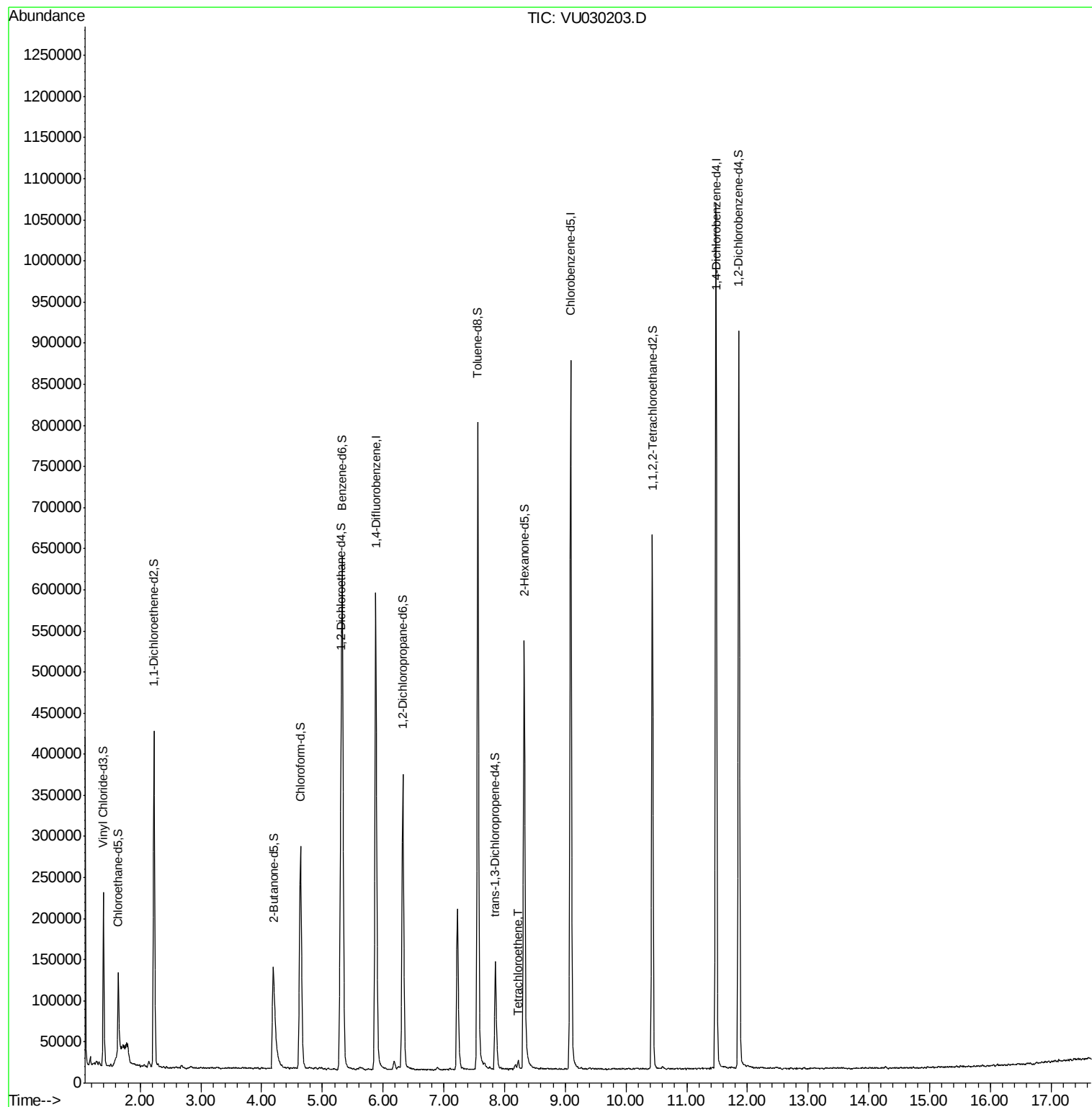
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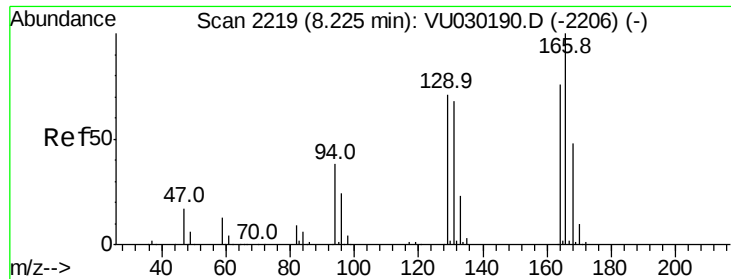
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#46
 Tetrachloroethene
 Concen: 0.738 ug/L
 RT: 8.22 min Scan# 2219
 Delta R.T. 0.00 min
 Lab File: VU030203.D
 Acq: 19 Mar 2019 19:03

Instrument :
 MSVOA_U
 ClientSampleId :
 BF0B2

Tot Ion	Ratio	Lower	Upper
164	100		
129	84.9	64.4	119.6
131	67.3	63.2	117.4
166	105.4	89.5	166.1

Manual Integrations
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