

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU040419\
 Data File : VU030649.D
 Acq On : 03 Apr 2019 23:39
 Operator : JC/SP
 Sample : K2167-13ME
 Misc : 6.11g/5mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BF114ME

Manual Integrations
 APPROVED

MMDadoda
 4/4/2019 11:52:59 AM

Quant Time: Apr 04 09:43:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 04 06:52:42 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	564367	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	547579	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	265978	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	168247	37.04	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	74.08%
7) Chloroethane-d5	1.64	69	114843m	31.90	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	63.80%#
11) 1,1-Dichloroethene-d2	2.24	63	257989	29.94	ug/L	-0.03
Spiked Amount	50.000	Range	60 - 125	Recovery	=	59.88%#
21) 2-Butanone-d5	4.19	46	340889	79.84	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	79.84%
24) Chloroform-d	4.64	84	295953	37.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	75.64%
26) 1,2-Dichloroethane-d4	5.30	65	197869	38.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	77.28%
32) Benzene-d6	5.33	84	656236	41.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.58%
36) 1,2-Dichloropropane-d6	6.32	67	221609	41.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	82.50%
41) Toluene-d8	7.56	98	574950	40.77	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	81.54%
43) trans-1,3-Dichloropropene-	7.85	79	95146	37.66	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.32%
47) 2-Hexanone-d5	8.32	63	236823	81.34	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	81.34%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	322749	41.98	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	83.96%
64) 1,2-Dichlorobenzene-d4	11.86	152	220147	41.31	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.62%

Target Compounds					Ovalue
46) Tetrachloroethene	8.22	164	21941	6.855 ug/L	94

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

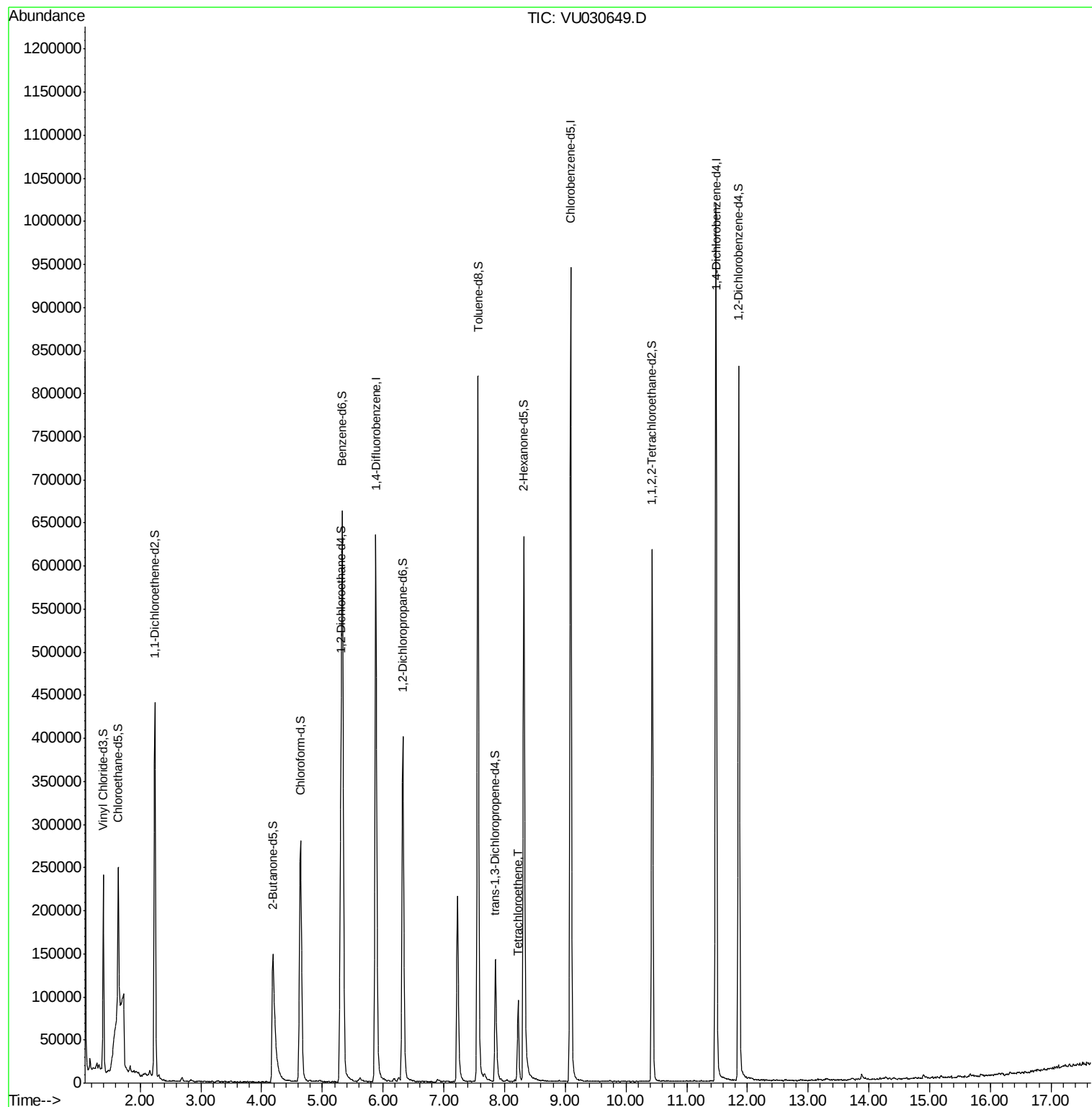
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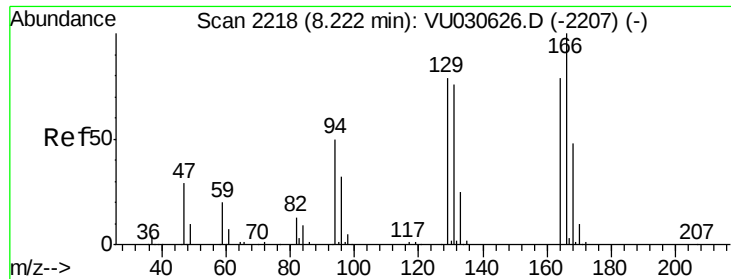
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#46
 Tetrachloroethene
 Concen: 6.855 ug/L
 RT: 8.22 min Scan# 2219
 Delta R.T. 0.00 min
 Lab File: VU030649.D
 Acq: 03 Apr 2019 23:39

Instrument :
 MSVOA_U
 ClientSampleId :
 BF114ME

Tot Ion:	164	Resp:	21941
Ion Ratio	Lower	Upper	
164	100		
129	97.3	68.1	126.5
131	82.3	67.7	125.7
166	127.5	92.4	171.6

Manual Integrations
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