

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU080518\
 Data File : VU025873.D
 Acq On : 04 Aug 2018 15:01
 Operator : MD/SY
 Sample : J4261-09ME
 Misc : 3.54g/5mL/100uL/5.00mL/MSVOA_U/MEOH
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E5F96ME

Manual Integrations
 APPROVED

sam
 8/6/2018 12:29:40 PM

Quant Time: Aug 06 01:50:28 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM072018WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Aug 06 01:30:36 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	305521	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	297120	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	159123	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	68056	39.02	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	78.04%
7) Chloroethane-d5	1.64	69	39760	27.64	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	55.28%#
11) 1,1-Dichloroethene-d2	2.24	63	110302m	30.38	ug/L	-0.04
Spiked Amount	50.000	Range	60 - 125	Recovery	=	60.76%
21) 2-Butanone-d5	4.20	46	134615	99.97	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.97%
24) Chloroform-d	4.64	84	160863	41.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.80%
26) 1,2-Dichloroethane-d4	5.31	65	117671	45.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.60%
32) Benzene-d6	5.34	84	328816	43.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.30%
36) 1,2-Dichloropropane-d6	6.33	67	107734	43.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	87.76%
41) Toluene-d8	7.57	98	306344	41.92	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.84%
43) trans-1,3-Dichloropropene-	7.85	79	52074	41.52	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.04%
47) 2-Hexanone-d5	8.33	63	104677	101.82	ug/L	0.01
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.82%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	160036	46.60	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.20%
64) 1,2-Dichlorobenzene-d4	11.87	152	139881	43.38	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.76%

Target Compounds					Ovalue
46) Tetrachloroethene	8.23	164	8243	4.20 ug/L	92

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

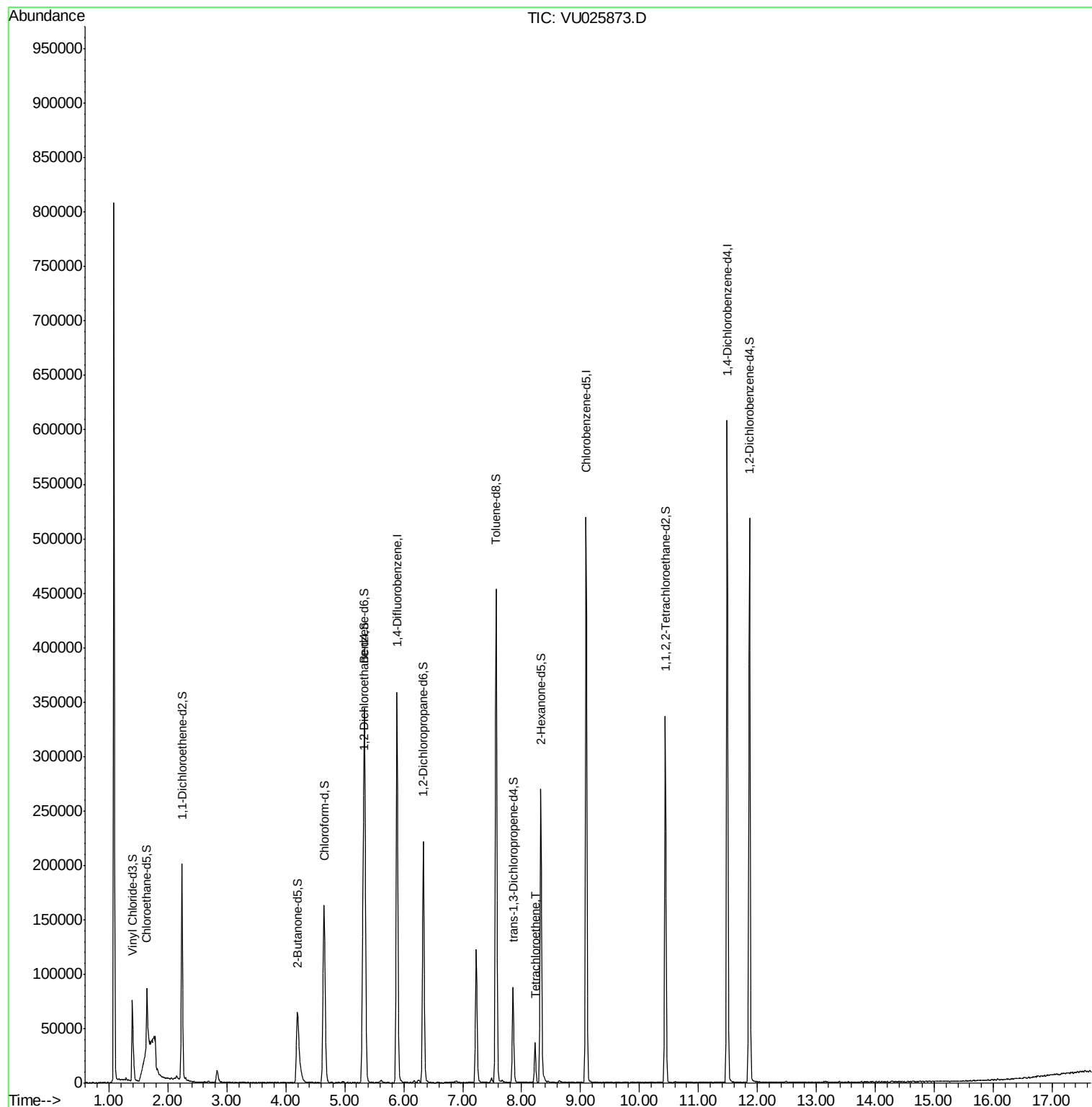
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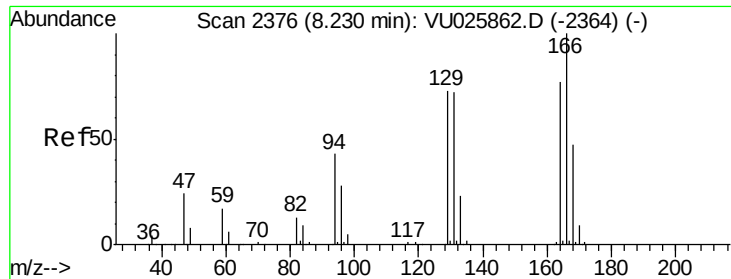
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#46
Tetrachloroethene
Concen: 4.20 ug/L
RT: 8.23 min Scan# 2376
Delta R.T. -0.00 min
Lab File: VU025873.D
Acq: 04 Aug 2018 15:01

Instrument :
MSVOA_U
ClientSampleId :
E5F96ME

Tot Ion:	164	Resp:	8243
Ion Ratio	Lower	Upper	
164	100		
129	86.2	65.1	120.9
131	95.5	62.8	116.6
166	138.9	89.7	166.7

Manual Integrations
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