

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU030919\
 Data File : VU029869.D
 Acq On : 07 Mar 2019 22:31
 Operator : JC/SP
 Sample : K1789-07ME
 Misc : 5.98g/5mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BF0P3ME

Manual Integrations
 APPROVED

MMDadoda
 3/8/2019 9:23:33 AM

Quant Time: Mar 08 07:09:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM021519WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 08 04:31:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	503914	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	500015	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	262392	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	119161	32.27	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	64.54%
7) Chloroethane-d5	1.64	69	55123m	16.79	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	33.58%#
11) 1,1-Dichloroethene-d2	2.23	63	176183	24.41	ug/L	-0.04
Spiked Amount	50.000	Range	60 - 125	Recovery	=	48.82%#
21) 2-Butanone-d5	4.19	46	227455	101.22	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.22%
24) Chloroform-d	4.64	84	243633	40.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.36%
26) 1,2-Dichloroethane-d4	5.30	65	157604	41.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.12%
32) Benzene-d6	5.33	84	536656	42.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.30%
36) 1,2-Dichloropropane-d6	6.32	67	168396	44.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.98%
41) Toluene-d8	7.56	98	484318	37.72	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	75.44%#
43) trans-1,3-Dichloropropene-	7.85	79	74045	36.88	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.76%
47) 2-Hexanone-d5	8.32	63	208926	99.11	ug/L	0.01
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.11%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	293881	45.95	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.90%
64) 1,2-Dichlorobenzene-d4	11.86	152	233292	41.26	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.52%

Target Compounds					Ovalue
46) Tetrachloroethene	8.22	164	88926	26.308 ug/L	99

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

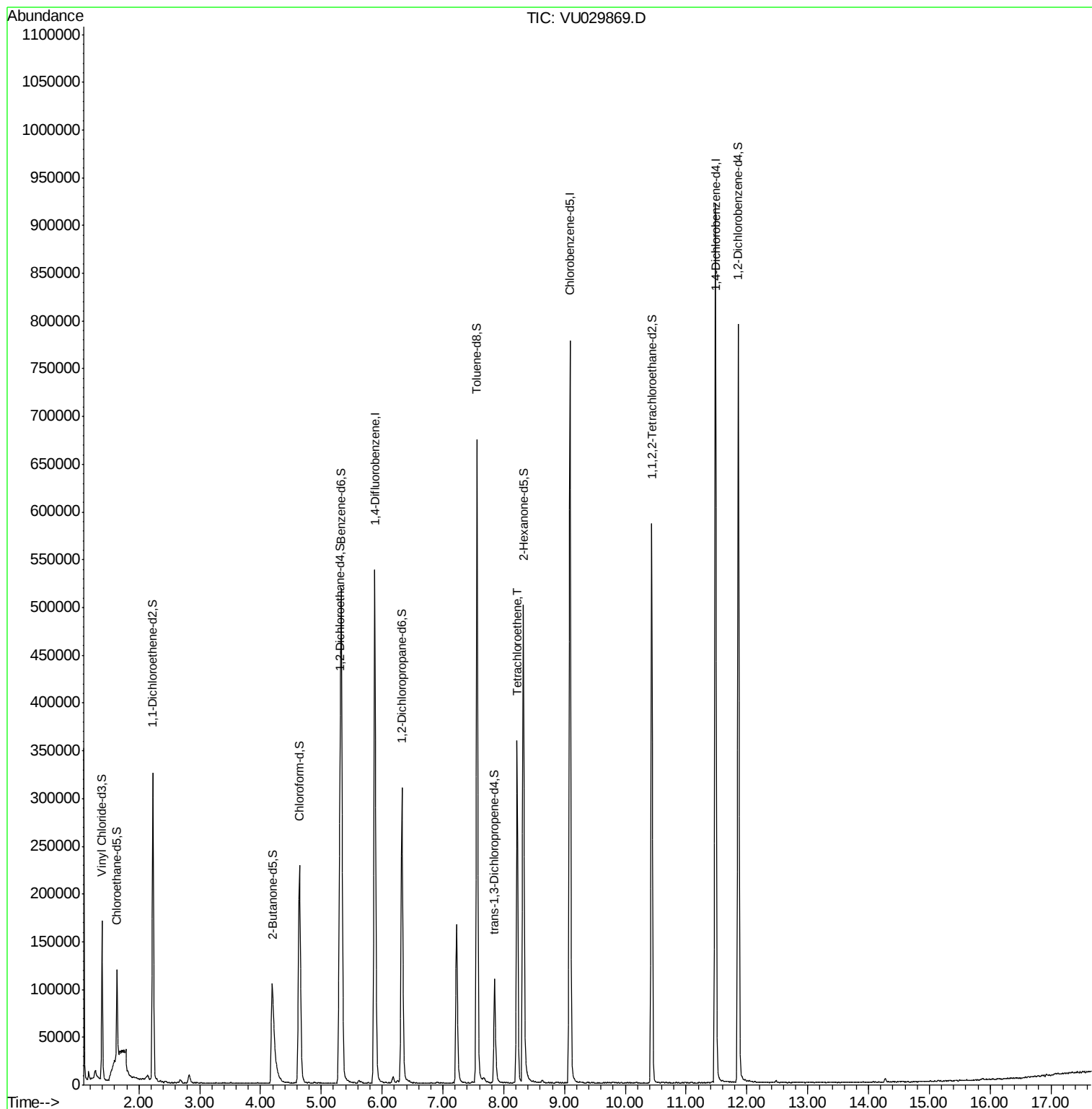
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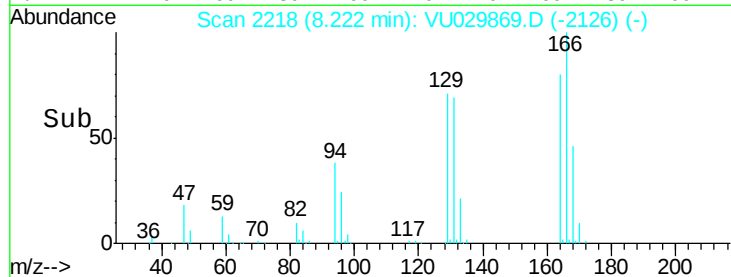
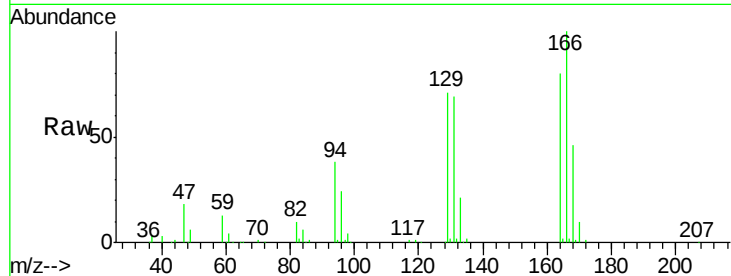
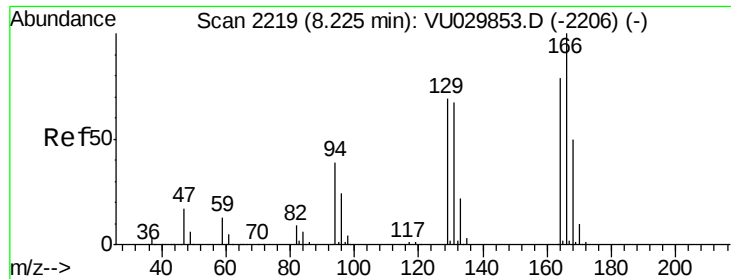
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#46

Tetrachloroethene

Concen: 26.308 ug/L

RT: 8.22 min Scan# 2218

Delta R.T. -0.00 min

Lab File: VU029869.D

Acq: 07 Mar 2019 22:31

Instrument :

MSVOA_U

ClientSampleId :

BF0P3ME

Tot Ion:164 Resp: 88926

Ion Ratio Lower Upper

164 100

129 88.7 62.1 115.3

131 86.8 60.1 111.5

166 125.4 89.7 166.5

Manual Integrations

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