

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU030919\
 Data File : VU029865.D
 Acq On : 07 Mar 2019 20:58
 Operator : JC/SP
 Sample : K1789-02ME
 Misc : 5.59g/5mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BF0N8ME

Manual Integrations
 APPROVED

MMDadoda
 3/8/2019 9:23:16 AM

Quant Time: Mar 08 07:38:51 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	514688	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	519904	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	271464	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	118000	31.29	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	62.58%
7) Chloroethane-d5	1.64	69	56047m	16.72	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	33.44%#
11) 1,1-Dichloroethene-d2	2.23	63	182209	24.72	ug/L	-0.04
Spiked Amount	50.000	Range	60 - 125	Recovery	=	49.44%#
21) 2-Butanone-d5	4.20	46	219348	95.57	ug/L	0.03
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.57%
24) Chloroform-d	4.64	84	249816	40.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.68%
26) 1,2-Dichloroethane-d4	5.30	65	159098	41.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.16%
32) Benzene-d6	5.33	84	546104	41.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.48%
36) 1,2-Dichloropropane-d6	6.32	67	171813	43.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	87.30%
41) Toluene-d8	7.56	98	502459	37.64	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	75.28%#
43) trans-1,3-Dichloropropene-	7.85	79	78216	37.46	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.92%
47) 2-Hexanone-d5	8.32	63	199121	90.85	ug/L	0.01
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.85%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	295269	44.40	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.80%
64) 1,2-Dichlorobenzene-d4	11.86	152	240478	41.11	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.22%

Target Compounds					Ovalue
46) Tetrachloroethene	8.22	164	50922	14.489 ug/L	99

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

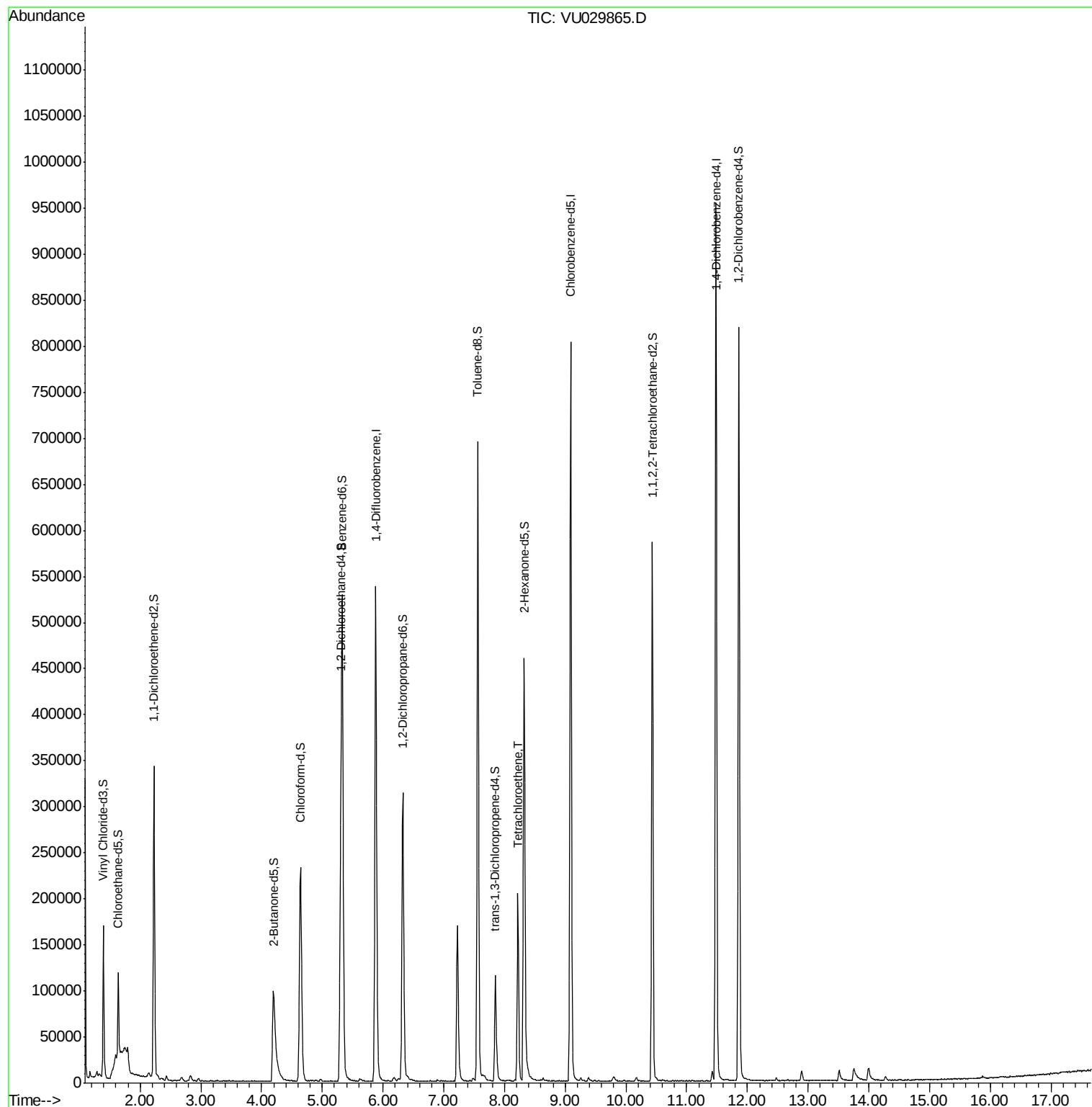
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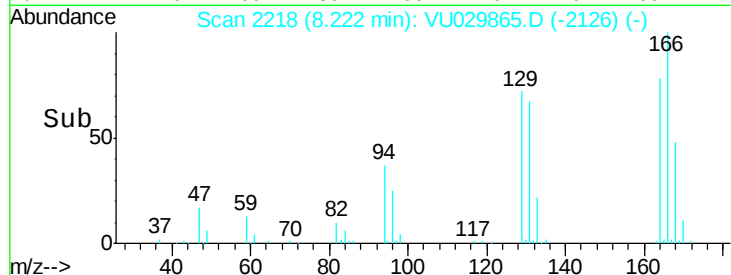
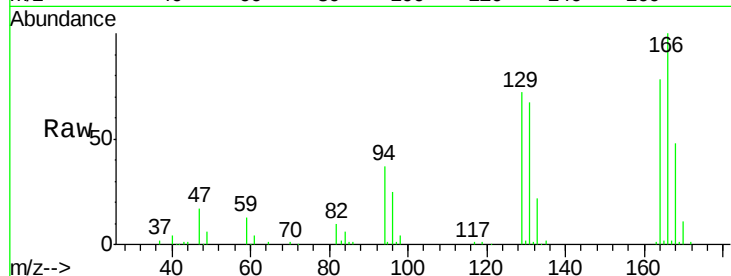
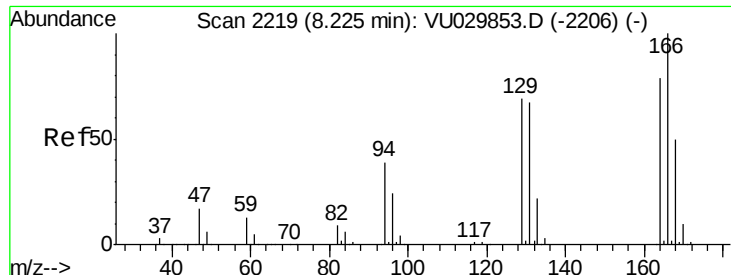
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#46

Tetrachloroethene

Concen: 14.489 ug/L

RT: 8.22 min Scan# 2218

Delta R.T. -0.00 min

Lab File: VU029865.D

Acq: 07 Mar 2019 20:58

Instrument :

MSVOA_U

ClientSampleId :

BF0N8ME

Tot Ion:164 Resp: 50922

Ion Ratio Lower Upper

164 100

129 92.3 62.1 115.3

131 85.4 60.1 111.5

166 128.0 89.7 166.5

Manual Integrations

APPROVED

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