

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU070119\
 Data File : VU033123.D
 Acq On : 01 Jul 2019 18:33
 Operator : JC/SP
 Sample : K3599-10
 Misc : 7.92g/10mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GAM19

Manual Integrations
 APPROVED

MMDadoda
 7/3/2019 9:03:18 AM

Quant Time: Jul 02 07:25:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jul 02 04:16:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.87	114	229151	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	230014	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	112030	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	53347	34.06	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	68.12%
7) Chloroethane-d5	1.64	69	36489	29.21	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	58.42%#
11) 1,1-Dichloroethene-d2	2.22	63	94991m	30.11	ug/L	-0.05
Spiked Amount	50.000	Range	60 - 125	Recovery	=	60.22%
21) 2-Butanone-d5	4.20	46	135889	104.25	ug/L	0.03
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.25%
24) Chloroform-d	4.63	84	137066	45.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.04%
26) 1,2-Dichloroethane-d4	5.30	65	99175	48.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.80%
32) Benzene-d6	5.32	84	255821	42.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.34%
36) 1,2-Dichloropropane-d6	6.32	67	86977	45.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.08%
41) Toluene-d8	7.56	98	230597	41.07	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.14%
43) trans-1,3-Dichloropropene-	7.85	79	40295	40.55	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.10%
47) 2-Hexanone-d5	8.32	63	85358	95.71	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.71%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	138459	46.89	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.78%
64) 1,2-Dichlorobenzene-d4	11.86	152	98236	45.31	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.62%

Target Compounds					Ovalue
22) 2-Butanone	4.29	43	18525m	9.927 ug/L	
46) Tetrachloroethene	8.22	164	41560	28.648 ug/L	96

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

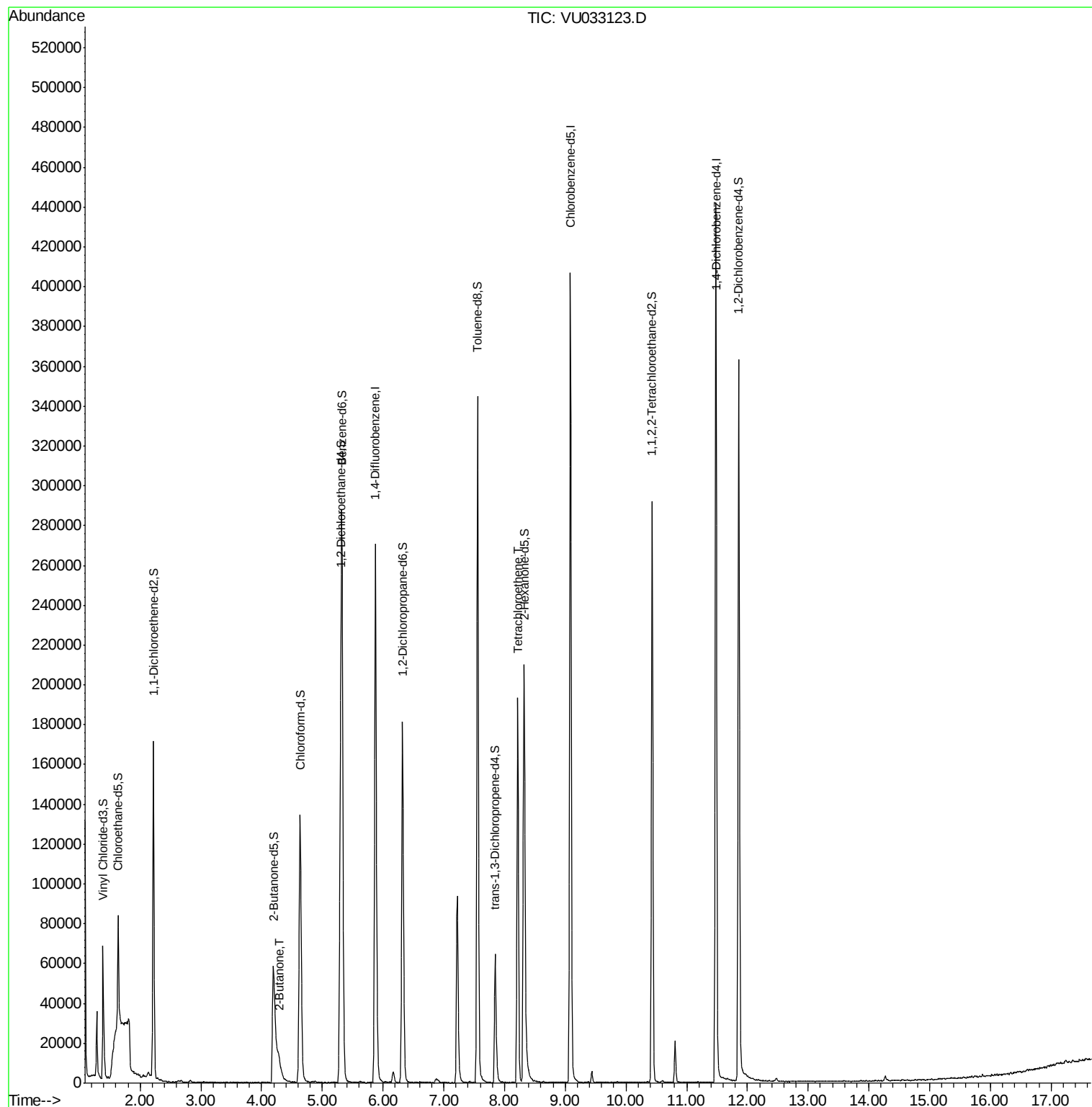
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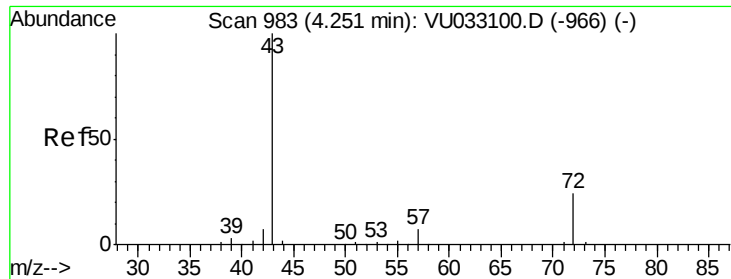
Instrument :
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#22

2-Butanone

Concen: 9.927 ug/L m

RT: 4.29 min Scan# 996

Delta R.T. 0.04 min

Lab File: VU033123.D

Acq: 01 Jul 2019 18:33

Instrument :

MSVOA_U

ClientSampleId :

GAM19

Tot Ion: 43 Resp: 18525

Ion Ratio Lower Upper

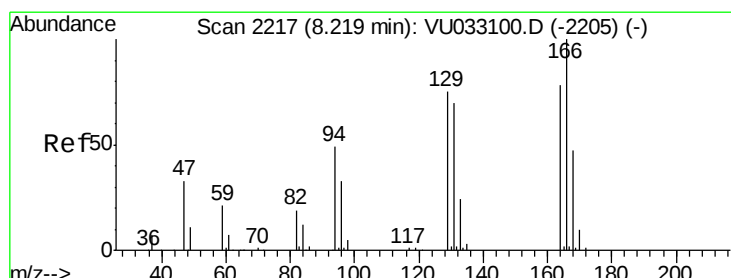
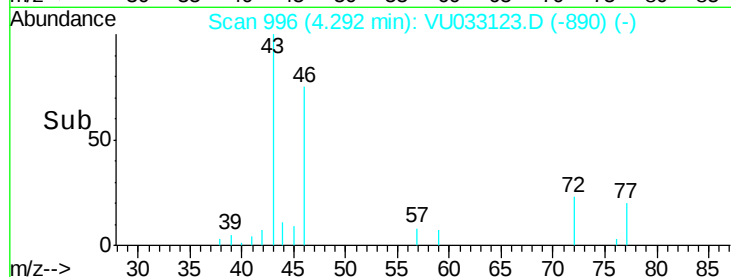
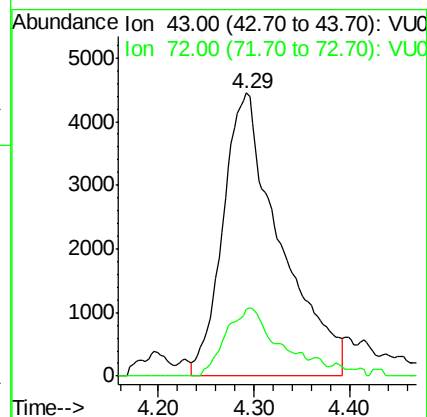
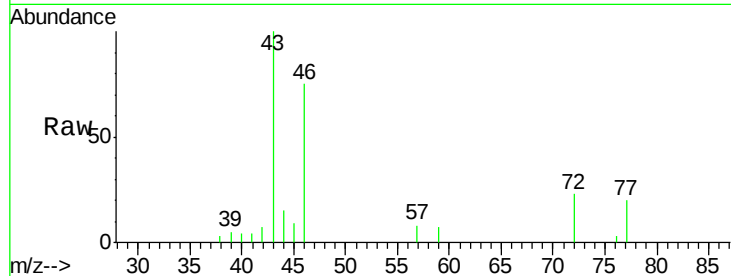
43 100

72 16.8 12.9 38.6

Manual Integrations
APPROVED

MMDadoda

7/3/2019 9:03:18 AM



#46

Tetrachloroethene

Concen: 28.648 ug/L

RT: 8.22 min Scan# 2217

Delta R.T. -0.00 min

Lab File: VU033123.D

Acq: 01 Jul 2019 18:33

Tgt Ion: 164 Resp: 41560

Ion Ratio Lower Upper

164 100

129 100.8 64.8 120.3

131 95.2 64.5 119.7

166 132.2 91.3 169.6

