

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU070119\
 Data File : VU033103.D
 Acq On : 01 Jul 2019 10:31
 Operator : JC/SP
 Sample : K3599-13
 Misc : 7.92g/10mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GAM22

Manual Integrations
 APPROVED

MMDadoda
 7/3/2019 8:59:20 AM

Quant Time: Jul 02 05:42:14 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	199332	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	201221	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	99546	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	54901	40.30	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	80.60%
7) Chloroethane-d5	1.64	69	40564	37.34	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	74.68%
11) 1,1-Dichloroethene-d2	2.22	63	97998	35.71	ug/L	-0.04
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.42%
21) 2-Butanone-d5	4.19	46	129392	114.12	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	114.12%
24) Chloroform-d	4.63	84	132076	49.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.74%
26) 1,2-Dichloroethane-d4	5.30	65	94444	53.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.08%
32) Benzene-d6	5.32	84	251993	48.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.08%
36) 1,2-Dichloropropane-d6	6.32	67	84024	50.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.56%
41) Toluene-d8	7.56	98	225801	45.97	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.94%
43) trans-1,3-Dichloropropene-	7.85	79	41019	47.19	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.38%
47) 2-Hexanone-d5	8.32	63	79484	101.87	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.87%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	135247	52.36	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	104.72%
64) 1,2-Dichlorobenzene-d4	11.86	152	94437	49.02	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.04%

Target Compounds					Ovalue
22) 2-Butanone	4.28	43	20965m	12.916 ug/L	
46) Tetrachloroethene	8.22	164	21647	17.057 ug/L	96

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

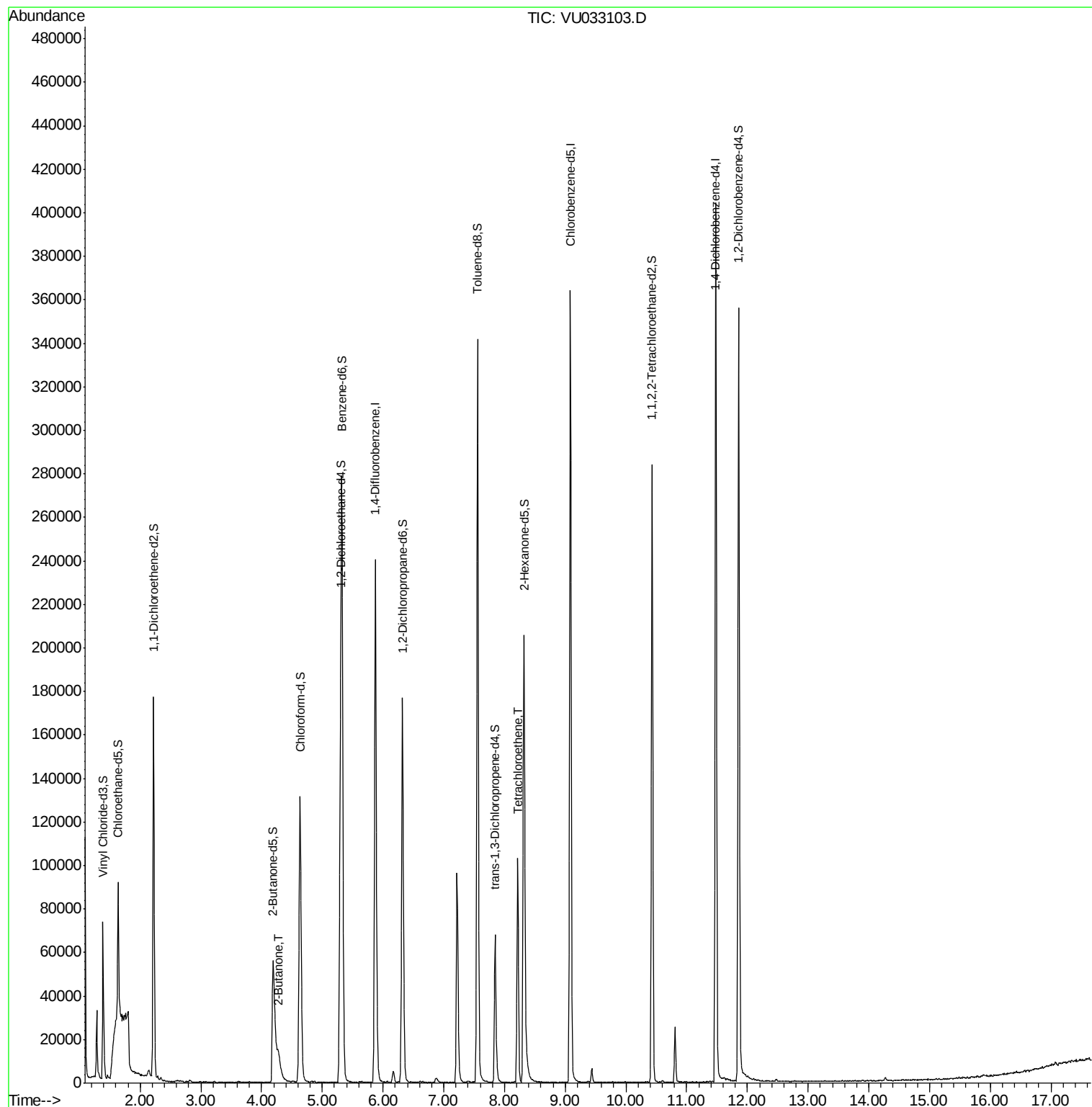
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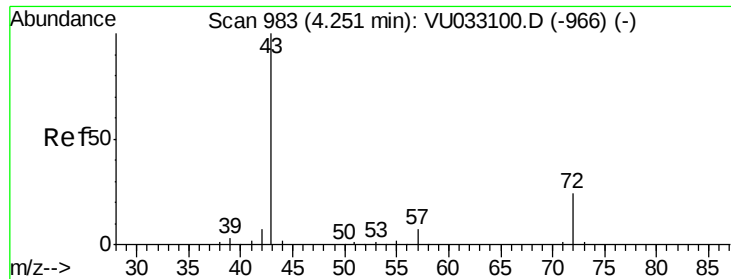
Instrument :
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#22

2-Butanone

Concen: 12.916 ug/L m

RT: 4.28 min Scan# 993

Delta R.T. 0.03 min

Lab File: VU033103.D

Acq: 01 Jul 2019 10:31

Instrument :

MSVOA_U

ClientSampled :

GAM22

Tot Ion: 43 Resp: 20965

Ion Ratio Lower Upper

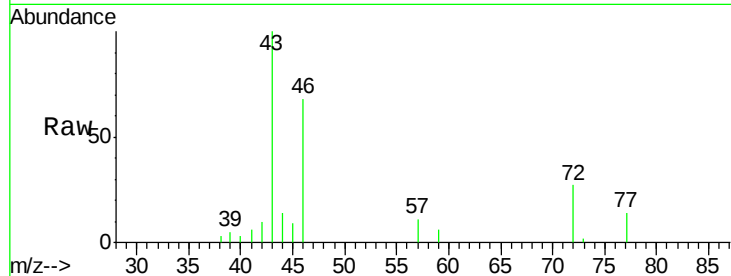
43 100

72 16.5 12.9 38.6

Manual Integrations
APPROVED

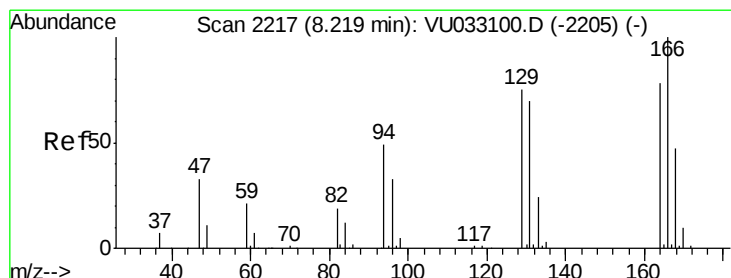
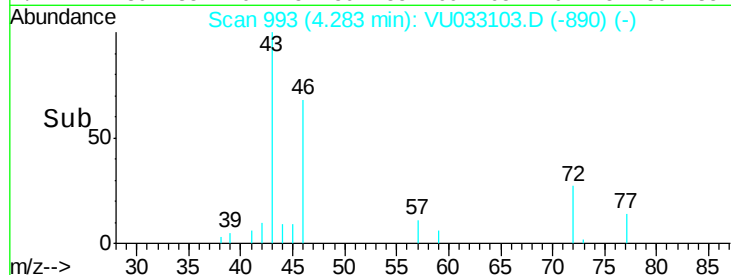
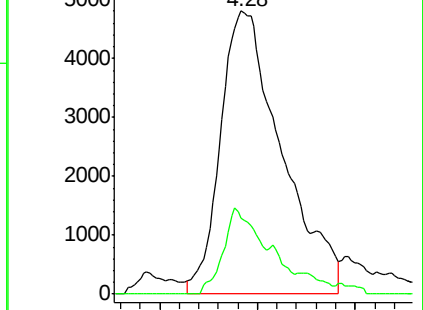
MMDadoda

7/3/2019 8:59:20 AM



Abundance Ion 43.00 (42.70 to 43.70): VU033103.D (-890) (-)

Ion 72.00 (71.70 to 72.70): VU033103.D (-890) (-)



#46

Tetrachloroethene

Concen: 17.057 ug/L

RT: 8.22 min Scan# 2217

Delta R.T. 0.00 min

Lab File: VU033103.D

Acq: 01 Jul 2019 10:31

Tgt Ion: 164 Resp: 21647

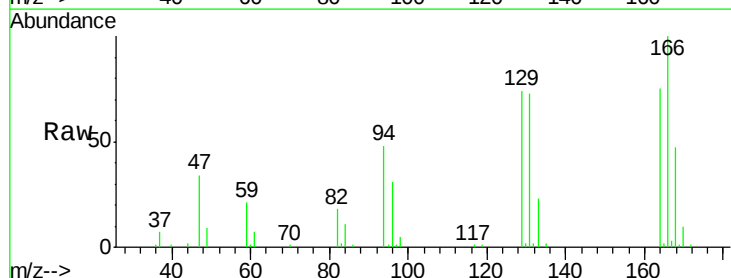
Ion Ratio Lower Upper

164 100

129 98.2 64.8 120.3

131 96.3 64.5 119.7

166 132.6 91.3 169.6



Abundance Ion 164.00 (163.70 to 164.70): VU033103.D (-2124) (-)

Ion 129.00 (128.70 to 129.70): VU033103.D (-2124) (-)

Ion 131.00 (130.70 to 131.70): VU033103.D (-2124) (-)

Ion 166.00 (165.70 to 166.70): VU033103.D (-2124) (-)

