

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU070319\
 Data File : VU033163.D
 Acq On : 03 Jul 2019 11:02
 Operator : JC/SP
 Sample : K3599-01ME
 Misc : 7.92g/10mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GAM10ME

Manual Integrations
 APPROVED

MMDadoda
 7/8/2019 9:44:33 AM

Quant Time: Jul 03 22:52:09 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jul 03 22:32:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.87	114	191964	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	195258	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	93399	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	38229	29.14	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	58.28%#
7) Chloroethane-d5	1.64	69	31677	30.28	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	60.56%#
11) 1,1-Dichloroethene-d2	2.22	63	72045	27.26	ug/L	-0.05
Spiked Amount	50.000	Range	60 - 125	Recovery	=	54.52%#
21) 2-Butanone-d5	4.19	46	124478	114.00	ug/L	0.03
Spiked Amount	100.000	Range	40 - 130	Recovery	=	114.00%
24) Chloroform-d	4.63	84	114985	45.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.18%
26) 1,2-Dichloroethane-d4	5.30	65	83447	49.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.24%
32) Benzene-d6	5.32	84	208862	41.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.06%
36) 1,2-Dichloropropane-d6	6.32	67	73573	45.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.74%
41) Toluene-d8	7.56	98	184534	38.71	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	77.42%#
43) trans-1,3-Dichloropropene-	7.85	79	35016	41.51	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.02%
47) 2-Hexanone-d5	8.32	63	74218	98.03	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.03%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	124219	49.56	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.12%
64) 1,2-Dichlorobenzene-d4	11.86	152	80764	44.69	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.38%

Target Compounds					Ovalue
22) 2-Butanone	4.29	43	20343m	13.014	ug/L
46) Tetrachloroethene	8.22	164	3121	2.534	ug/L

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

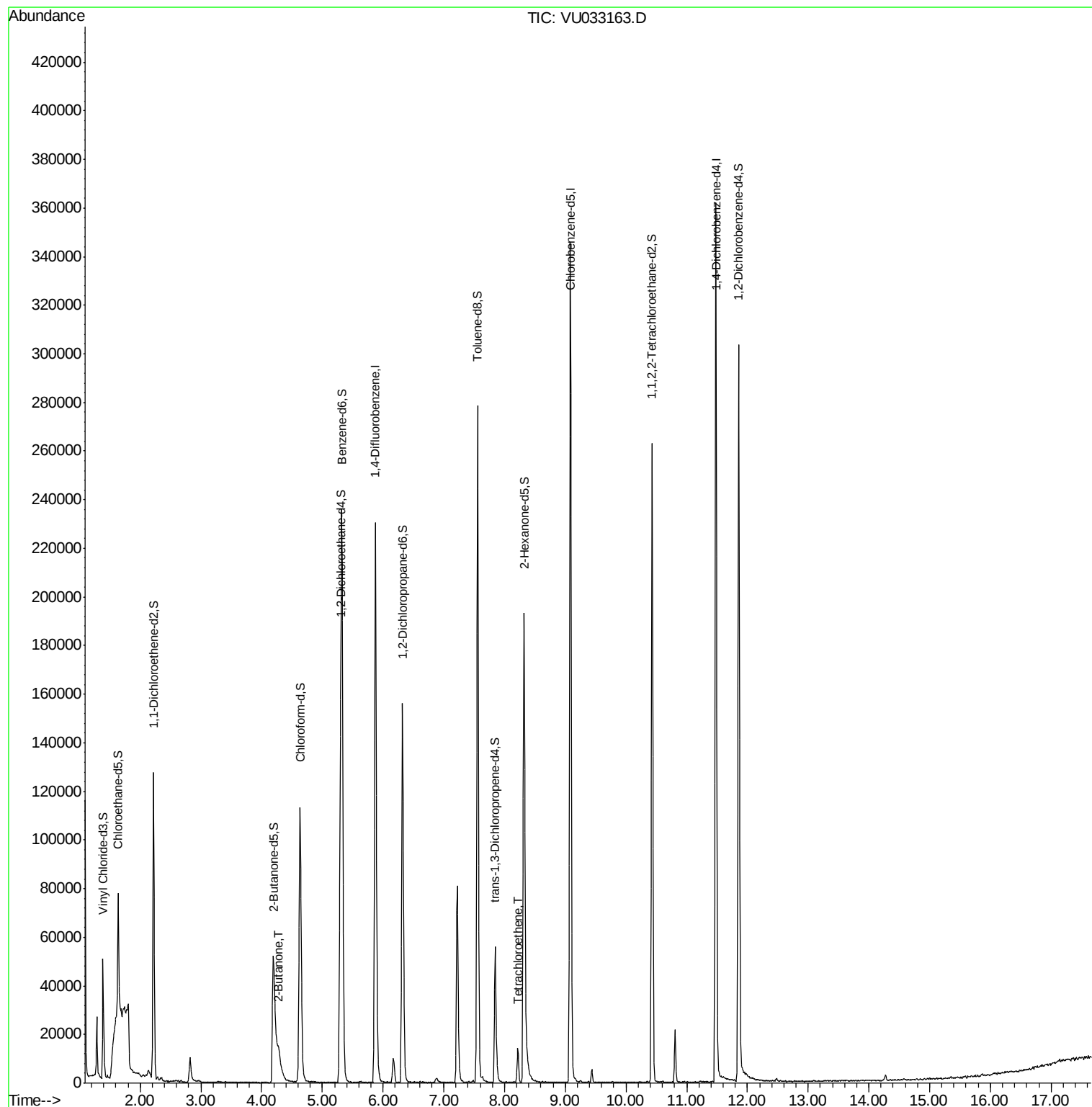
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU070319\
Data File : VU033163.D
Acq On : 03 Jul 2019 11:02
Operator : JC/SP
Sample : K3599-01ME
Misc : 7.92g/10mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 5 Sample Multiplier: 1

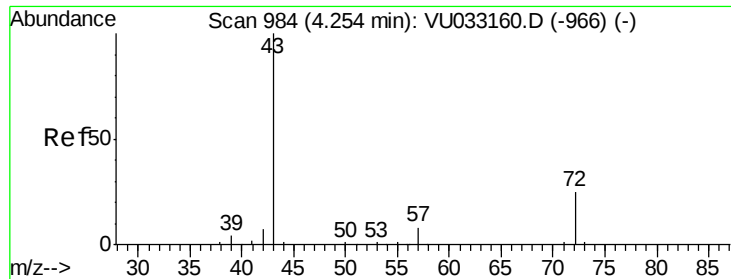
Instrument :
MSVOA_U
ClientSampleId :
GAM10ME

Manual Integrations
APPROVED

MMDadoda
7/8/2019 9:44:33 AM

Quant Time: Jul 03 22:52:09 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061719WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Jul 03 22:32:40 2019
Response via : Initial Calibration





#22

2-Butanone

Concen: 13.014 ug/L m

RT: 4.29 min Scan# 994

Delta R.T. 0.03 min

Lab File: VU033163.D

Acq: 03 Jul 2019 11:02

Instrument :

MSVOA_U

ClientSampleId :

GAM10ME

Tot Ion: 43 Resp: 20343

Ion Ratio Lower Upper

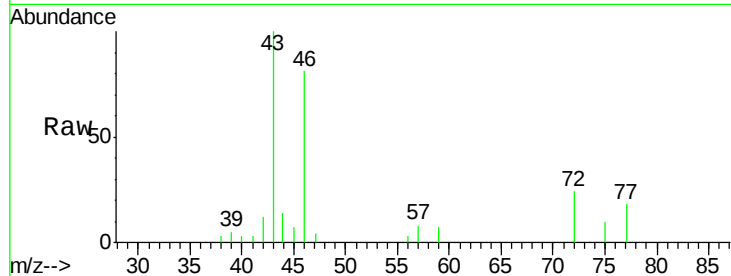
43 100

72 1.5 12.9 38.6#

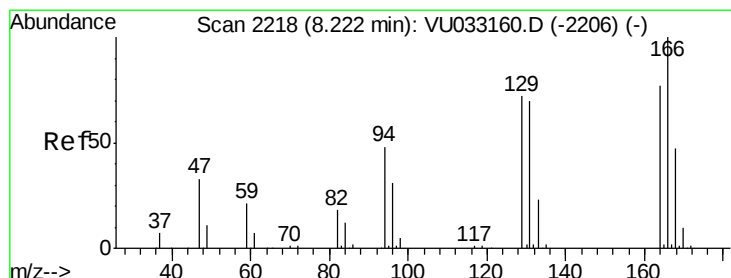
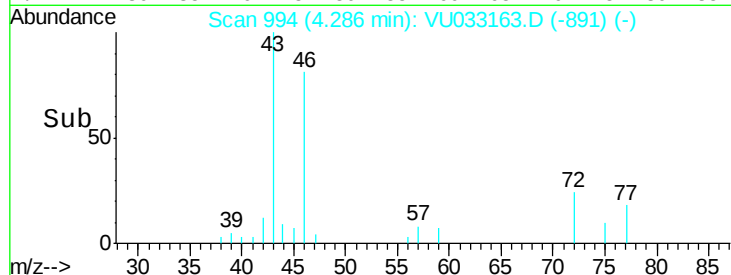
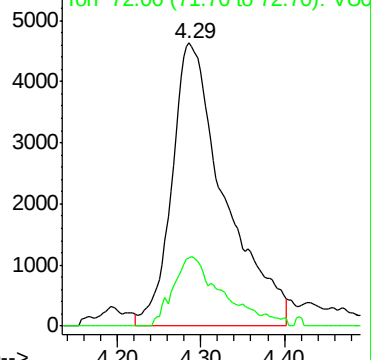
Manual Integrations
APPROVED

MMDadoda

7/8/2019 9:44:33 AM



Abundance Ion 43.00 (42.70 to 43.70): VU033163.D (-994) (-)



#46

Tetrachloroethene

Concen: 2.534 ug/L

RT: 8.22 min Scan# 2217

Delta R.T. -0.00 min

Lab File: VU033163.D

Acq: 03 Jul 2019 11:02

Tgt Ion: 164 Resp: 3121

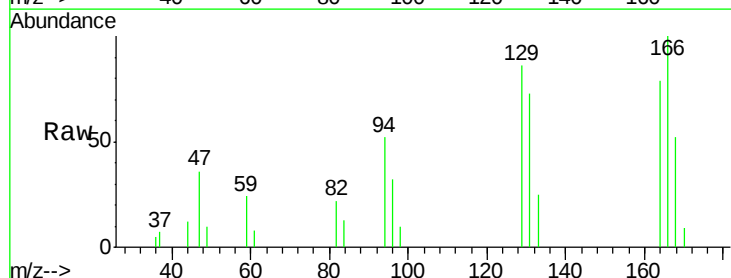
Ion Ratio Lower Upper

164 100

129 107.9 64.8 120.3

131 92.1 64.5 119.7

166 126.0 91.3 169.6



Abundance Ion 164.00 (163.70 to 164.70): VU033163.D (-2217) (-)

Ion 129.00 (128.70 to 129.70): VU033163.D (-2217) (-)

Ion 131.00 (130.70 to 131.70): VU033163.D (-2217) (-)

Ion 166.00 (165.70 to 166.70): VU033163.D (-2217) (-)

