

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU053019\
 Data File : VU032378.D
 Acq On : 30 May 2019 13:51
 Operator : JC/SP
 Sample : K3017-13ME
 Misc : 3.19g/5mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 A51E6ME

Manual Integrations
 APPROVED

MMDadoda
 5/31/2019 10:28:48 AM

Quant Time: May 31 05:04:36 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM052819WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri May 31 04:34:14 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	751389	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	779073	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	352262	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	205217	37.05	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	74.10%
7) Chloroethane-d5	1.64	69	125204	27.99	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	55.98%#
11) 1,1-Dichloroethene-d2	2.23	63	322484	32.78	ug/L	-0.04
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.56%
21) 2-Butanone-d5	4.20	46	375313	102.97	ug/L	0.03
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.97%
24) Chloroform-d	4.64	84	433318	44.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.40%
26) 1,2-Dichloroethane-d4	5.30	65	277303	48.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.68%
32) Benzene-d6	5.33	84	928413	45.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.86%
36) 1,2-Dichloropropane-d6	6.32	67	285155	44.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.92%
41) Toluene-d8	7.56	98	834523	43.77	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.54%
43) trans-1,3-Dichloropropene-	7.85	79	126519	43.56	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.12%
47) 2-Hexanone-d5	8.32	63	304364	114.37	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	114.37%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	464961	47.97	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.94%
64) 1,2-Dichlorobenzene-d4	11.86	152	344048	47.90	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.80%

Target Compounds					Ovalue
13) Acetone	2.35	43	7528m	2.192 ug/L	
15) Methyl Acetate	2.63	43	41140	7.494 ug/L	99

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

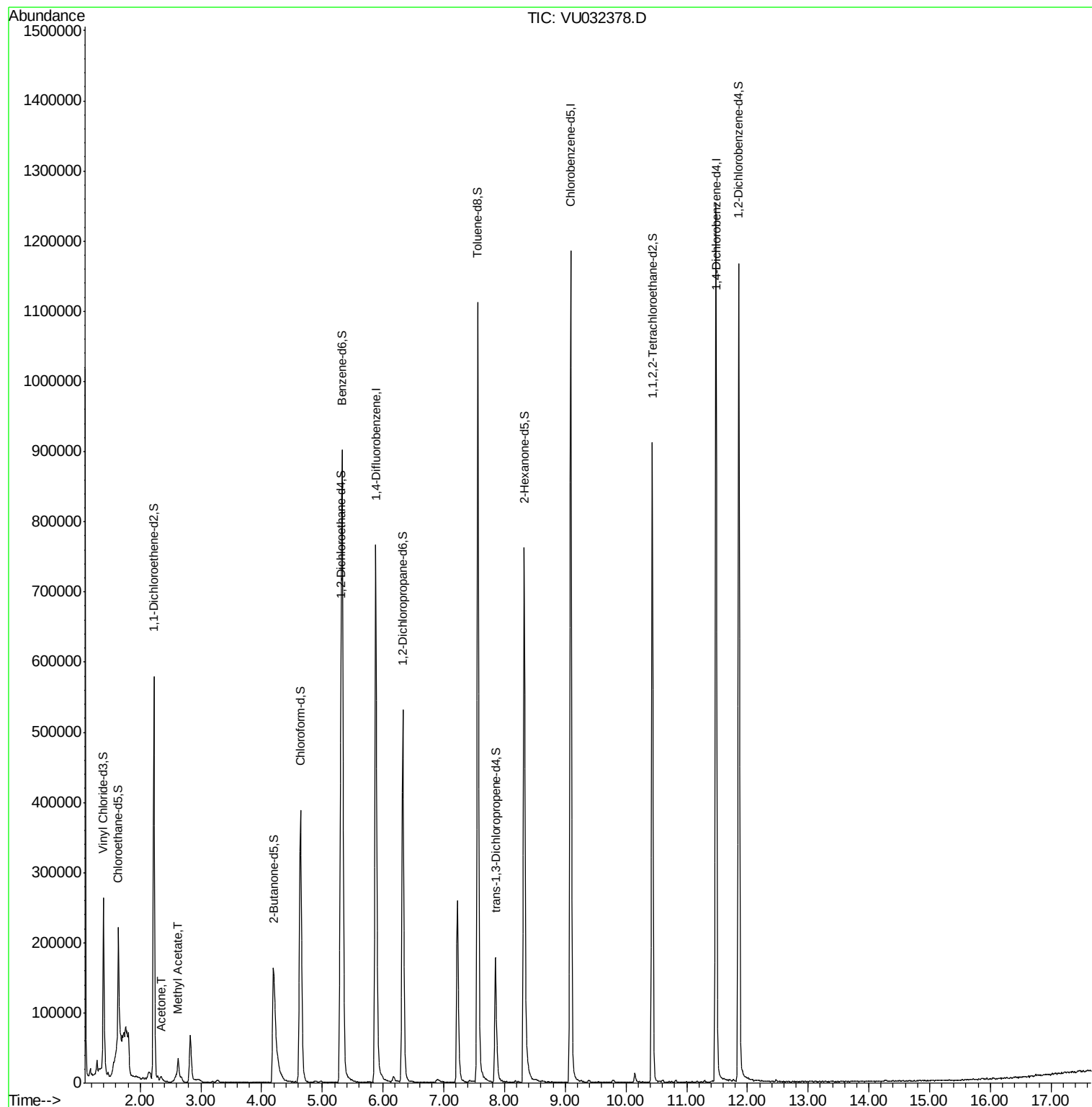
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU053019\
Data File : VU032378.D
Acq On : 30 May 2019 13:51
Operator : JC/SP
Sample : K3017-13ME
Misc : 3.19g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

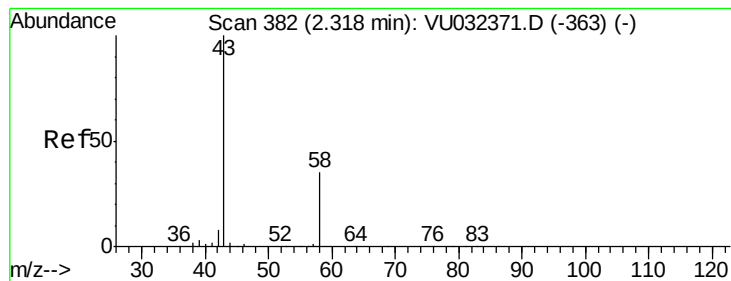
Instrument :
MSVOA_U
ClientSampleId :
A51E6ME

Manual Integrations
APPROVED

MMDadoda
5/31/2019 10:28:48 AM

Quant Time: May 31 05:04:36 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM052819WMA.M
Quant Title : VOC Analysis
QLast Update : Fri May 31 04:34:14 2019
Response via : Initial Calibration





#13

Acetone

Concen: 2.192 ug/L m

RT: 2.35 min Scan# 392

Delta R.T. 0.03 min

Lab File: VU032378.D

Acq: 30 May 2019 13:51

Instrument :

MSVOA_U

ClientSampleId :

A51E6ME

Tot Ion: 43 Resp: 7528

Ion Ratio Lower Upper

43 100

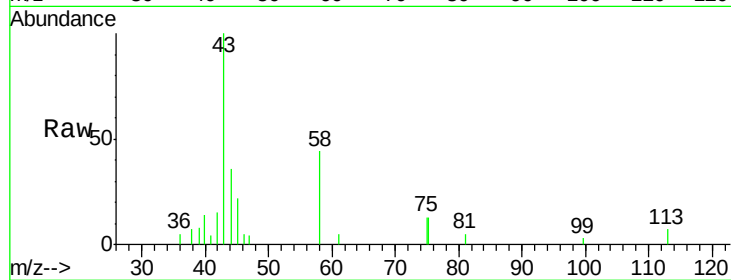
58 26.5 0.0 73.6

Manual Integrations

APPROVED

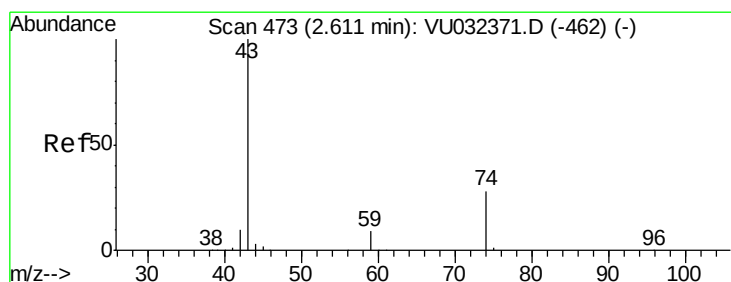
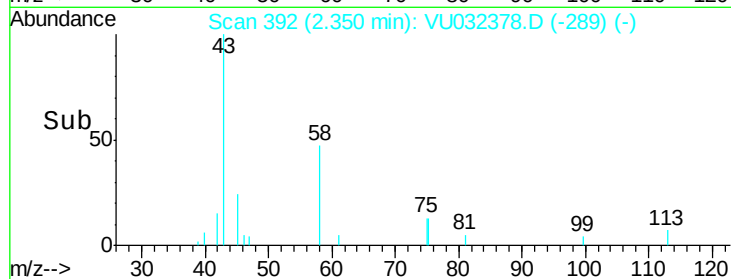
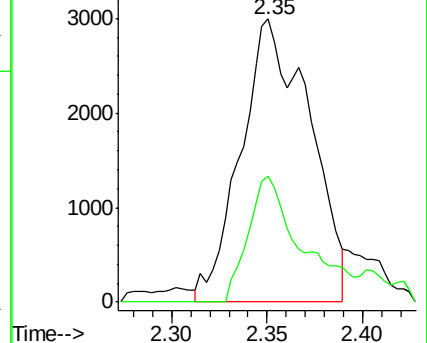
MMDadoda

5/31/2019 10:28:48 AM



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#15

Methyl Acetate

Concen: 7.494 ug/L

RT: 2.63 min Scan# 478

Delta R.T. 0.02 min

Lab File: VU032378.D

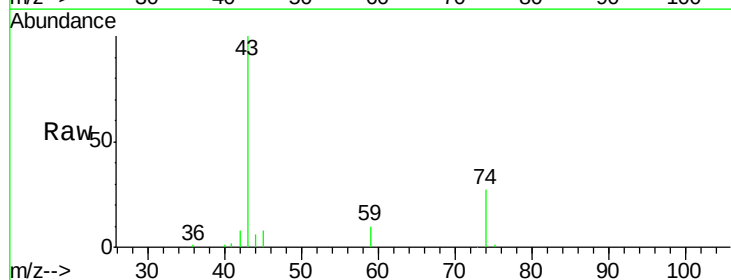
Acq: 30 May 2019 13:51

Tgt Ion: 43 Resp: 41140

Ion Ratio Lower Upper

43 100

74 25.7 21.1 31.7



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 74.00 (73.70 to 74.70): VU0

