

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU053019\

Data File : VU032387.D

Acq On : 30 May 2019 17:22

Operator : JC/SP

Sample : K3017-20ME

Misc : 3.39µ/5mL/100uL/5.0mL/MSVOA_U/MEOH

ALS Vial : 18 Sample Multiplier: 1

Quant Time: Jun 14 05:39:10 2019

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM052819WMA.M

Quant Title : VOC Analysis

QLast Update : Fri May 31 04:34:14 2019

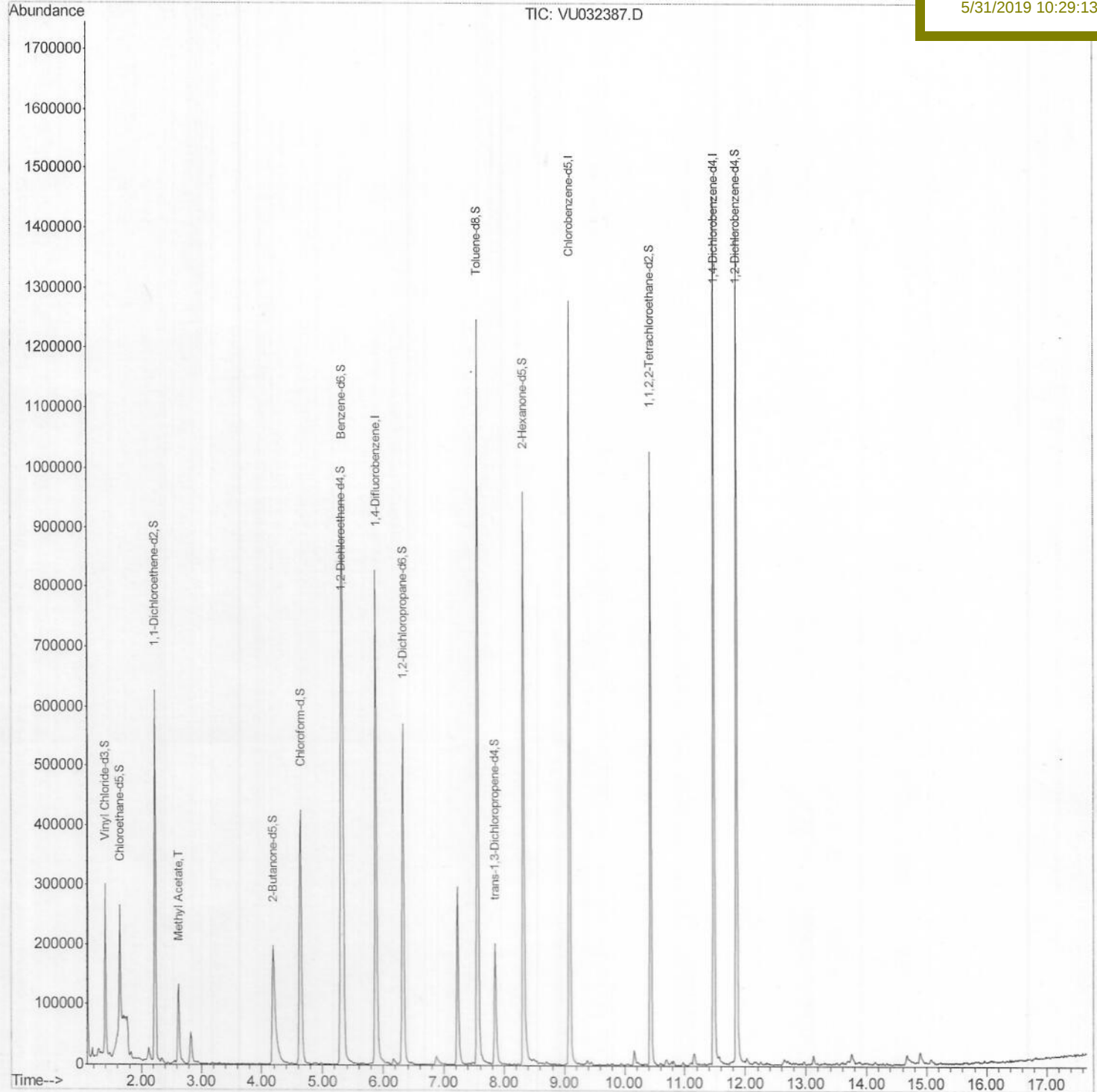
Response via : Initial Calibration

Instrument :

MSVOA_U

ClientSampleId :

A51F1ME

Manual Integrations
APPROVEDMMDadoda
5/31/2019 10:29:13 AM

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Acq On : 30 May 2019 17:22

Operator : JC/SP

Sample : K3017-20ME

Misc : 3.39g/5mL/100uL/5.0mL/MSVOA_U/MEOH

ALS Vial : 18 Sample Multiplier: 1

Quant Time: May 31 04:39:43 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

Instrument :

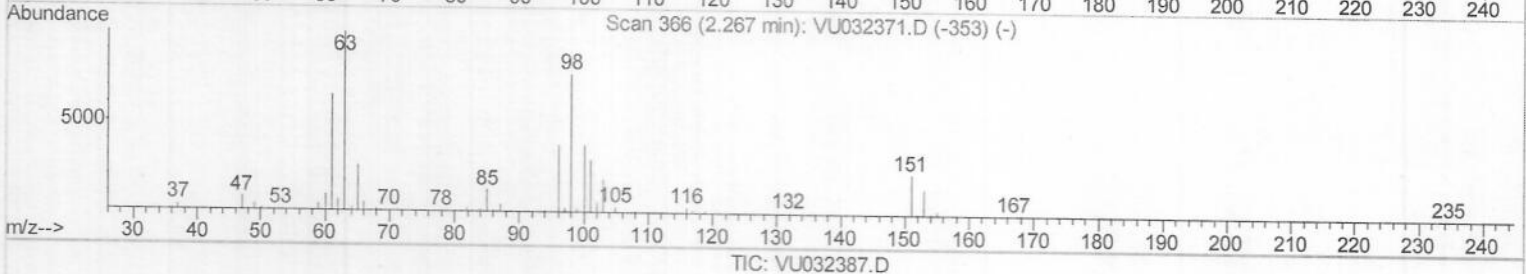
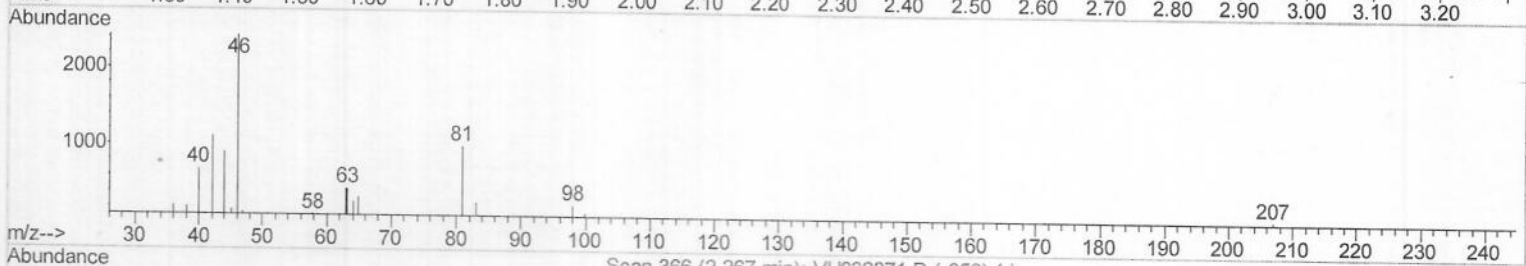
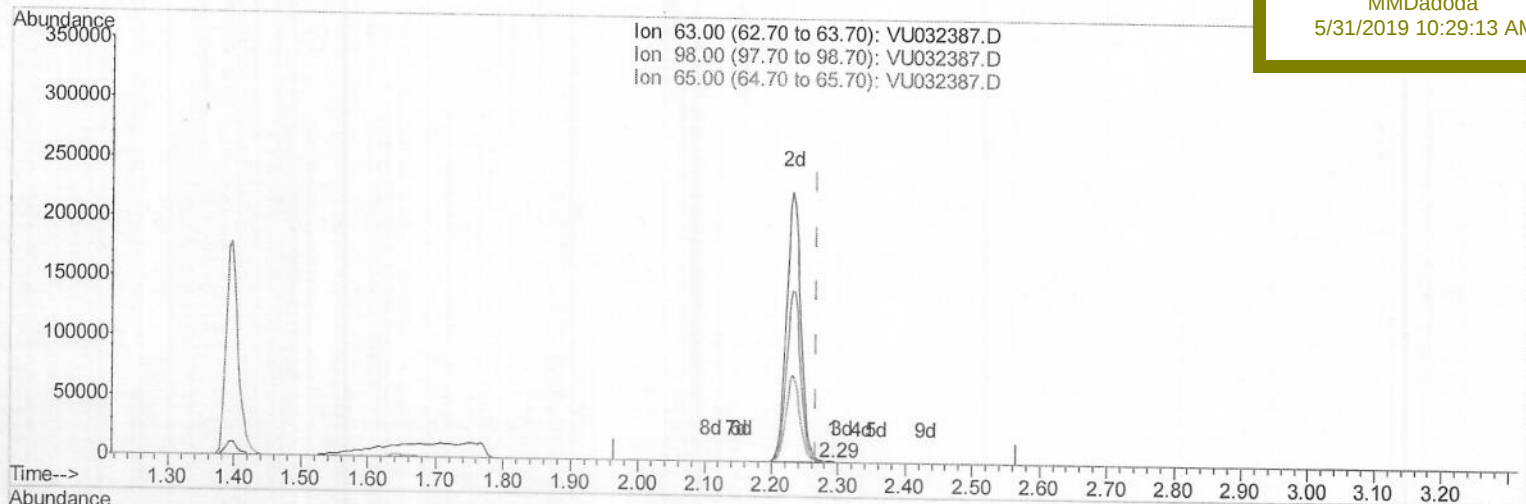
MSVOA_U

ClientSampleId :

A51F1ME

Manual Integrations
APPROVED

MMDadoda
5/31/2019 10:29:13 AM



(11) 1,1-Dichloroethene-d2 (S)

2.293min (+0.026) 0.02ug/L

response 259

Ion	Exp%	Act%
63.00	100	100
98.00	80.00	0.00#
65.00	24.10	115.06#
0.00	0.00	0.00

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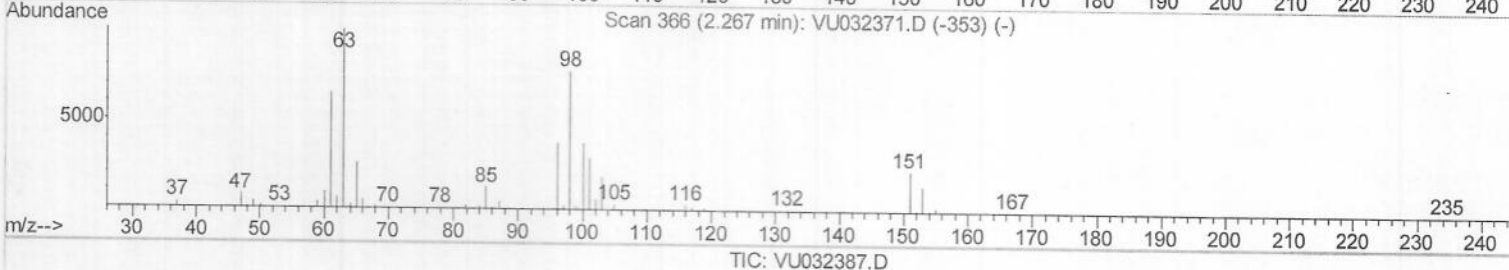
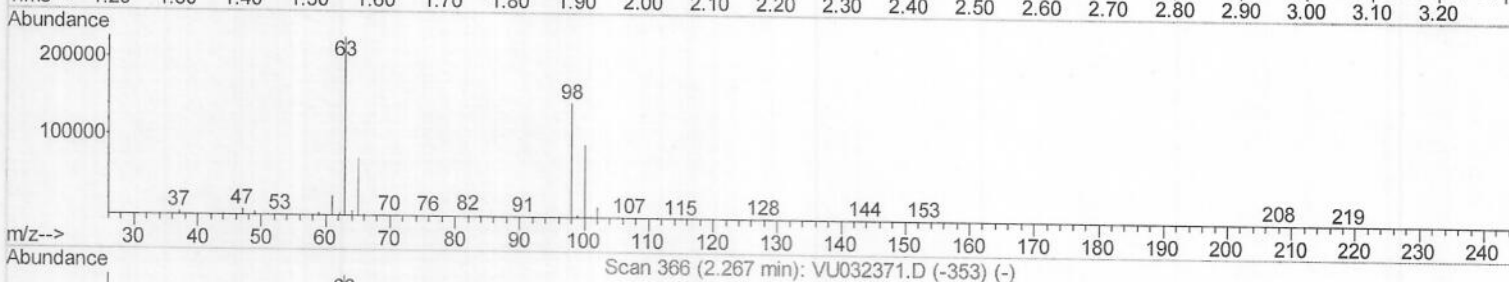
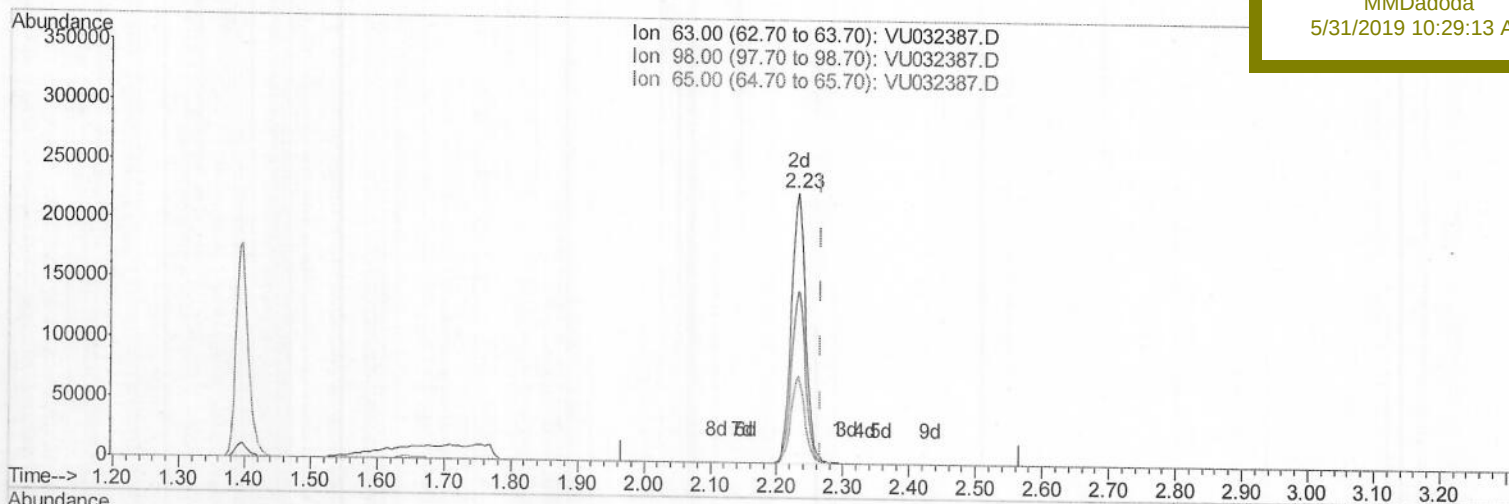
A51F1ME

Manual Integrations

APPROVED

MMDadoda

5/31/2019 10:29:13 AM



(11) 1,1-Dichloroethene-d2 (S)

2.232min (-0.035) 32.81ug/L m

response 340950

Ion Exp% Act%

63.00 100 100

98.00 80.00 0.00#

65.00 24.10 0.09#

0.00 0.00 0.00

M.D
6/11/19

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 Operator : JC/SP
 Sample : K3017-20ME
 Misc : 3.39µ/5mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 18 Sample Multiplier: 1

Quant Time: Jun 14 05:39:10 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

Instrument :
 MSVOA_U
 Client Sampled :
 A51F1ME

Manual Integrations
 APPROVED

MMDadoda
 5/31/2019 10:29:13 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	793583	50.00	µg/L	0.00
28) Chlorobenzene-d5	9.09	117	813262	50.00	µg/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	402404	50.00	µg/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	226213	38.67	µg/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	77.34%
7) Chloroethane-d5	1.64	69	145403	30.78	µg/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	61.56%#
11) 1,1-Dichloroethene-d2	2.23	63	340950m	32.81	µg/L	-0.04
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.62%
21) 2-Butanone-d5	4.19	46	424524	110.28	µg/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	110.28%
24) Chloroform-d	4.64	84	472171	46.12	µg/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.24%
26) 1,2-Dichloroethane-d4	5.30	65	299761	49.48	µg/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.96%
32) Benzene-d6	5.33	84	1002067	46.98	µg/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.96%
36) 1,2-Dichloropropane-d6	6.32	67	312514	47.20	µg/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.40%
41) Toluene-d8	7.56	98	915615	46.01	µg/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.02%
43) trans-1,3-Dichloropropene-	7.85	79	141912	46.80	µg/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.60%
47) 2-Hexanone-d5	8.32	63	378429	136.22	µg/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	136.22%#
57) 1,1,2,2-Tetrachloroethane-	10.43	84	529924	52.38	µg/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	104.76%
64) 1,2-Dichlorobenzene-d4	11.86	152	400627	48.82	µg/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.64%

M.D
 6/11/19

Target Compounds				Ovalue
15) Methyl Acetate	2.62	43	158145	27.277 µg/L 96

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