

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU080418\

Data File : VU025859.D

Acq On : 04 Aug 2018 07:13

Operator : MD/SY

Sample : J4261-12ME

Misc : 5.77g/5.0mL/100uL/5.00mL//MSVOA_U/MEOH

ALS Vial : 42 Sample Multiplier: 1

Quant Time: Aug 06 00:51:58 2018

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM072018WMA.M

Quant Title : VOC Analysis

QLast Update : Sat Aug 04 04:39:04 2018

Response via : Initial Calibration

MSVOA_U

ClientSampleId :

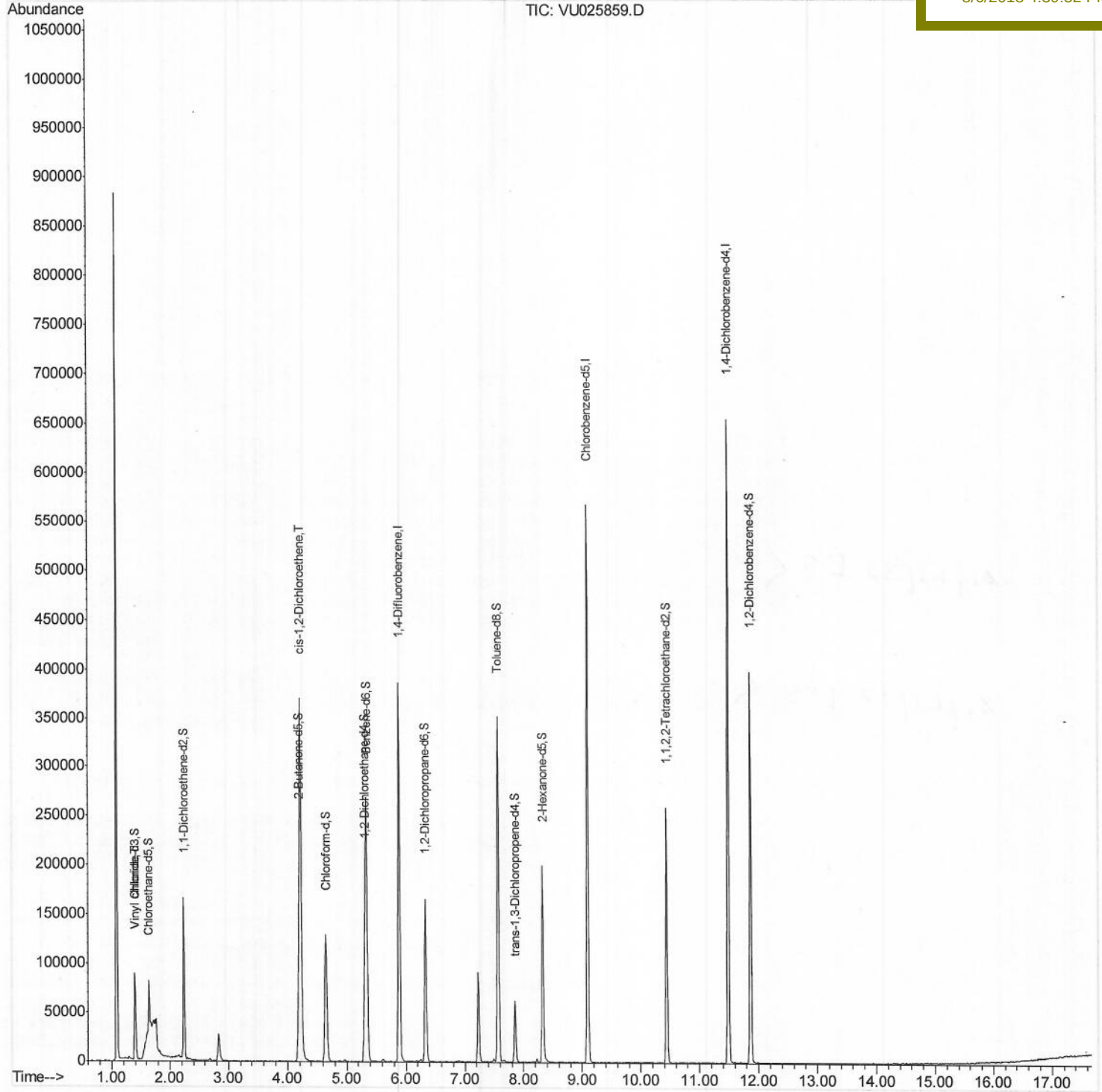
E5F97ME

Manual Integrations

APPROVED

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8/6/2018 4:39:52 PM



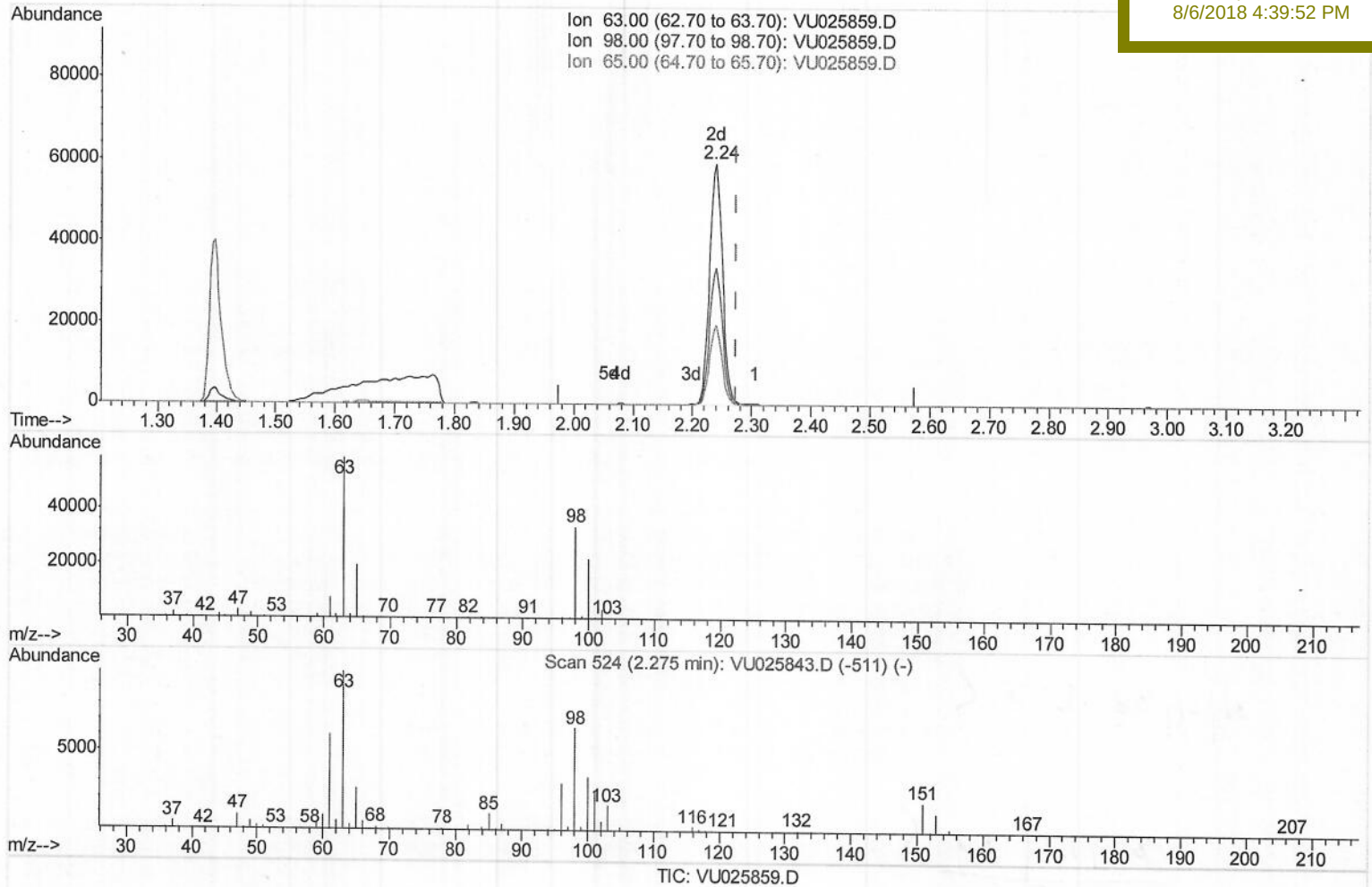
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(11) 1,1-Dichloroethene-d2 (S)

2.239min (-0.035) 22.78ug/L m) MD 08/18/18

response 89657

Ion	Exp%	Act%
63.00	100	100
98.00	71.60	0.00#
65.00	23.20	0.07#
0.00	0.00	0.00

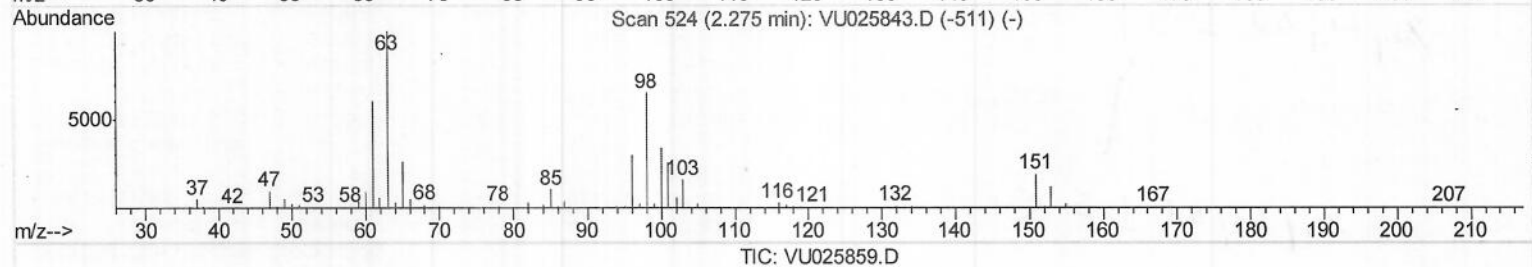
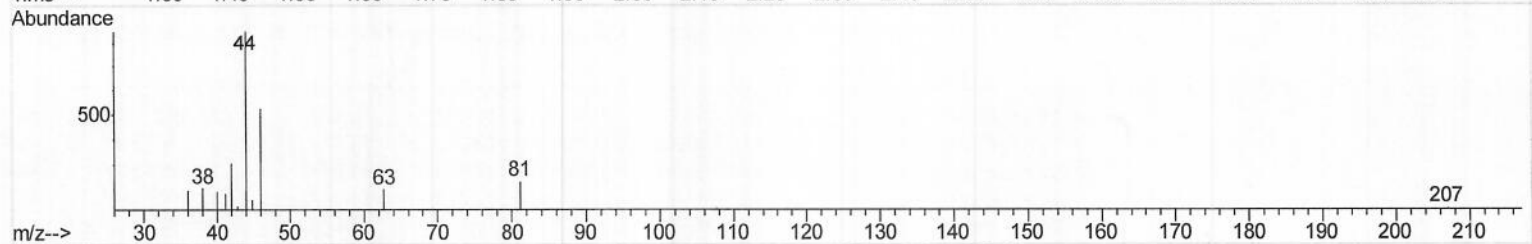
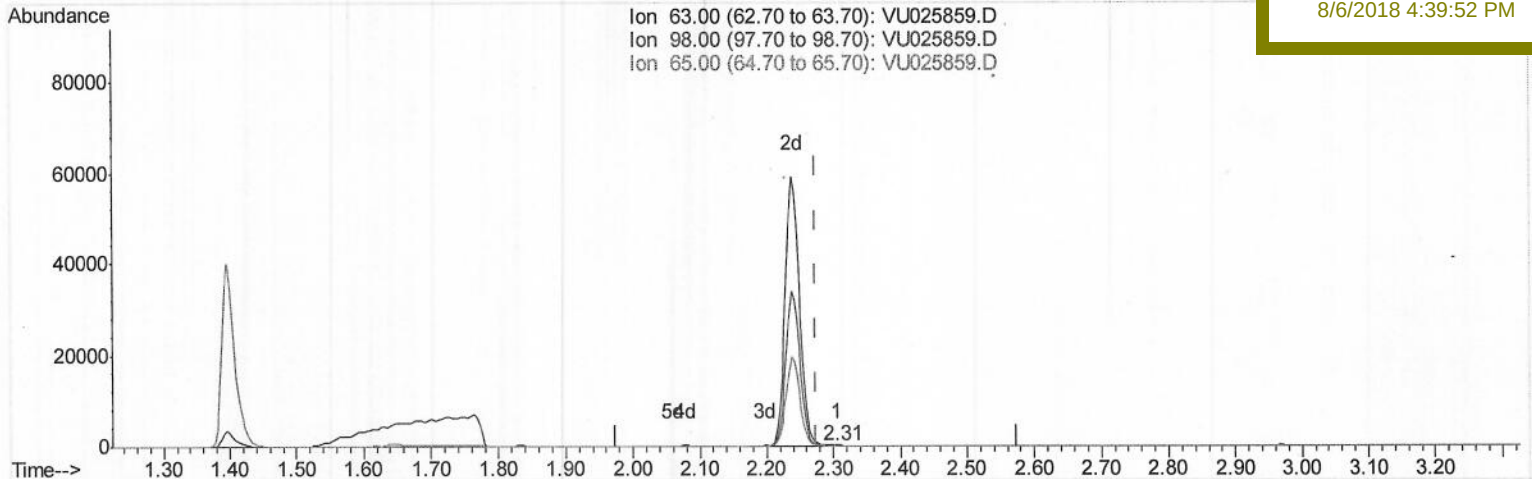
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Data File : VU025859.D
Acq On : 04 Aug 2018 07:13
Operator : MD/SY
Sample : J4261-12ME
Misc : 5.77g/5.0mL/100uL/5.00mL//MSVOA_U/MEOH
ALS Vial : 42 Sample Multiplier: 1

Quant Time: Aug 18 00:48:34 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM072018WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Aug 06 01:30:36 2018
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
E5F97ME

Manual Integrations
APPROVED

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8/6/2018 4:39:52 PM



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

2.307min (+0.032) 0.03ug/L

response 125

Ion	Exp%	Act%
63.00	100	100
98.00	71.60	0.00#
65.00	23.20	53.60#
0.00	0.00	0.00

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 Data File : VU025859.D
 Acq On : 04 Aug 2018 07:13
 Operator : MD/SY
 Sample : J4261-12ME
 Misc : 5.77g/5.0mL/100uL/5.00mL//MSVOA_U/MEOH
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E5F97ME

Quant Time: Aug 06 00:51:58 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM072018WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Aug 04 04:39:04 2018
 Response via : Initial Calibration

Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	331171	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	319235	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	170449	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	54928	29.05	ug/L	0.00
Spiked Amount 50.000	Range 60	- 135	Recovery	=	58.10%#	
7) Chloroethane-d5	1.64	69	34251	21.96	ug/L	-0.04
Spiked Amount 50.000	Range 70	- 130	Recovery	=	43.92%#	
11) 1,1-Dichloroethene-d2	2.24	63	89657m	22.78	ug/L	-0.04
Spiked Amount 50.000	Range 60	- 125	Recovery	=	45.56%#	
21) 2-Butanone-d5	4.19	46	101488	69.53	ug/L	0.01
Spiked Amount 100.000	Range 40	- 130	Recovery	=	69.53%	
24) Chloroform-d	4.65	84	127471	30.27	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	60.54%#	
26) 1,2-Dichloroethane-d4	5.31	65	92065	33.06	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	66.12%#	
32) Benzene-d6	5.34	84	256056	31.27	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	62.54%#	
36) 1,2-Dichloropropane-d6	6.33	67	82227	31.17	ug/L	0.00
Spiked Amount 50.000	Range 70	- 120	Recovery	=	62.34%#	
41) Toluene-d8	7.57	98	237168	30.21	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	60.42%#	
43) trans-1,3-Dichloropropene-	7.85	79	37272	27.66	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	=	55.32%#	
47) 2-Hexanone-d5	8.32	63	74723	67.65	ug/L	0.00
Spiked Amount 100.000	Range 45	- 130	Recovery	=	67.65%	
57) 1,1,2,2-Tetrachloroethane-	10.44	84	121558	32.95	ug/L	0.00
Spiked Amount 50.000	Range 65	- 120	Recovery	=	65.90%	
64) 1,2-Dichlorobenzene-d4	11.86	152	110566	32.01	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	64.02%#	

Target Compounds					Qvalue
5) Vinyl chloride	1.40	62	20875	8.077	ug/L 92
20) cis-1,2-Dichloroethene	4.22	96	194233	79.966	ug/L 98

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