

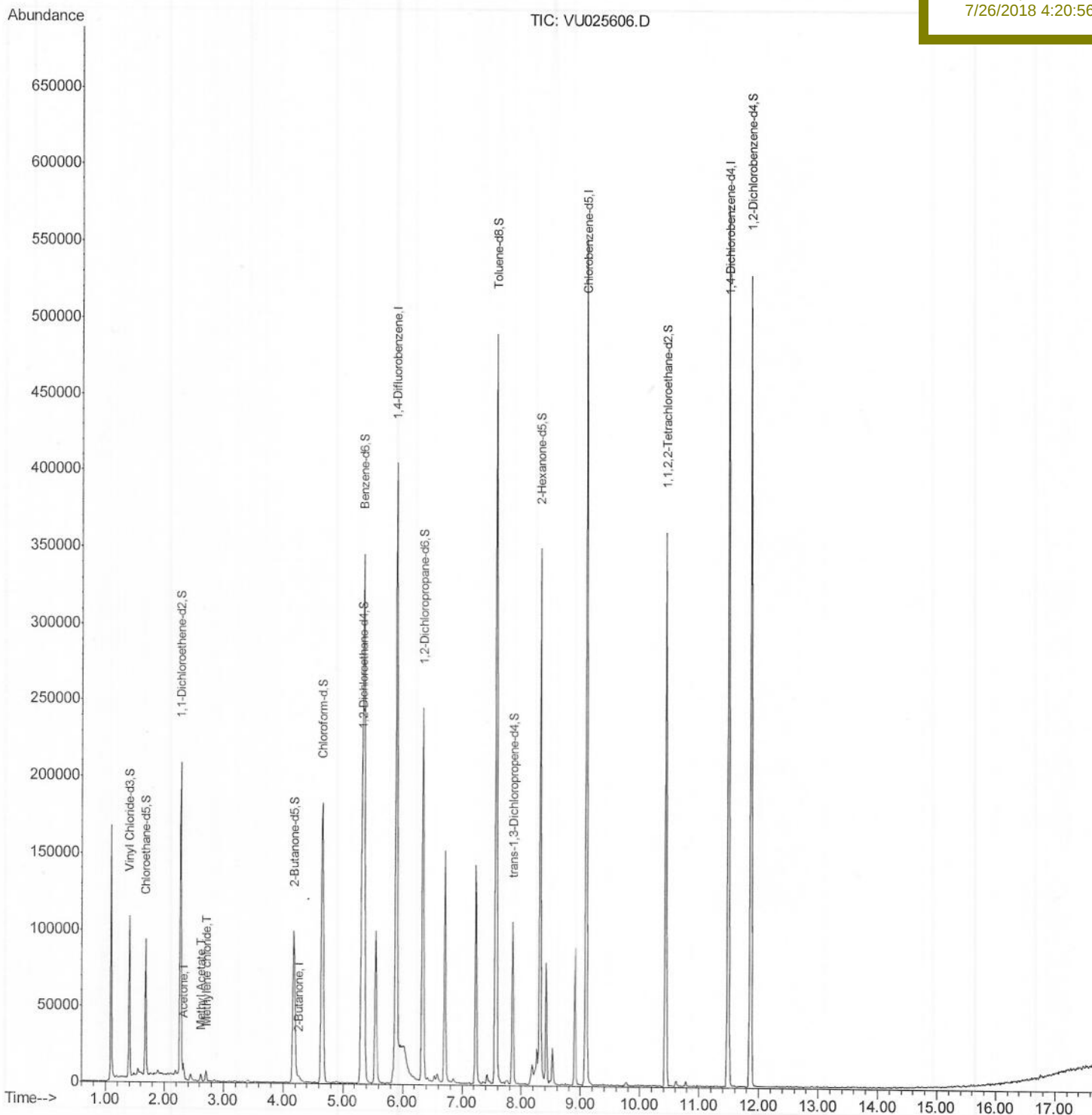
Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU072318\
Data File : VU025606.D
Acq On : 23 Jul 2018 16:45
Operator : MD/SY
Sample : PB111343ZHE#12
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jul 24 02:40:58 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM072018WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Jul 24 02:07:37 2018
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
PB111343ZHE#12

Manual Integrations
APPROVED

apatel
7/26/2018 4:20:56 PM



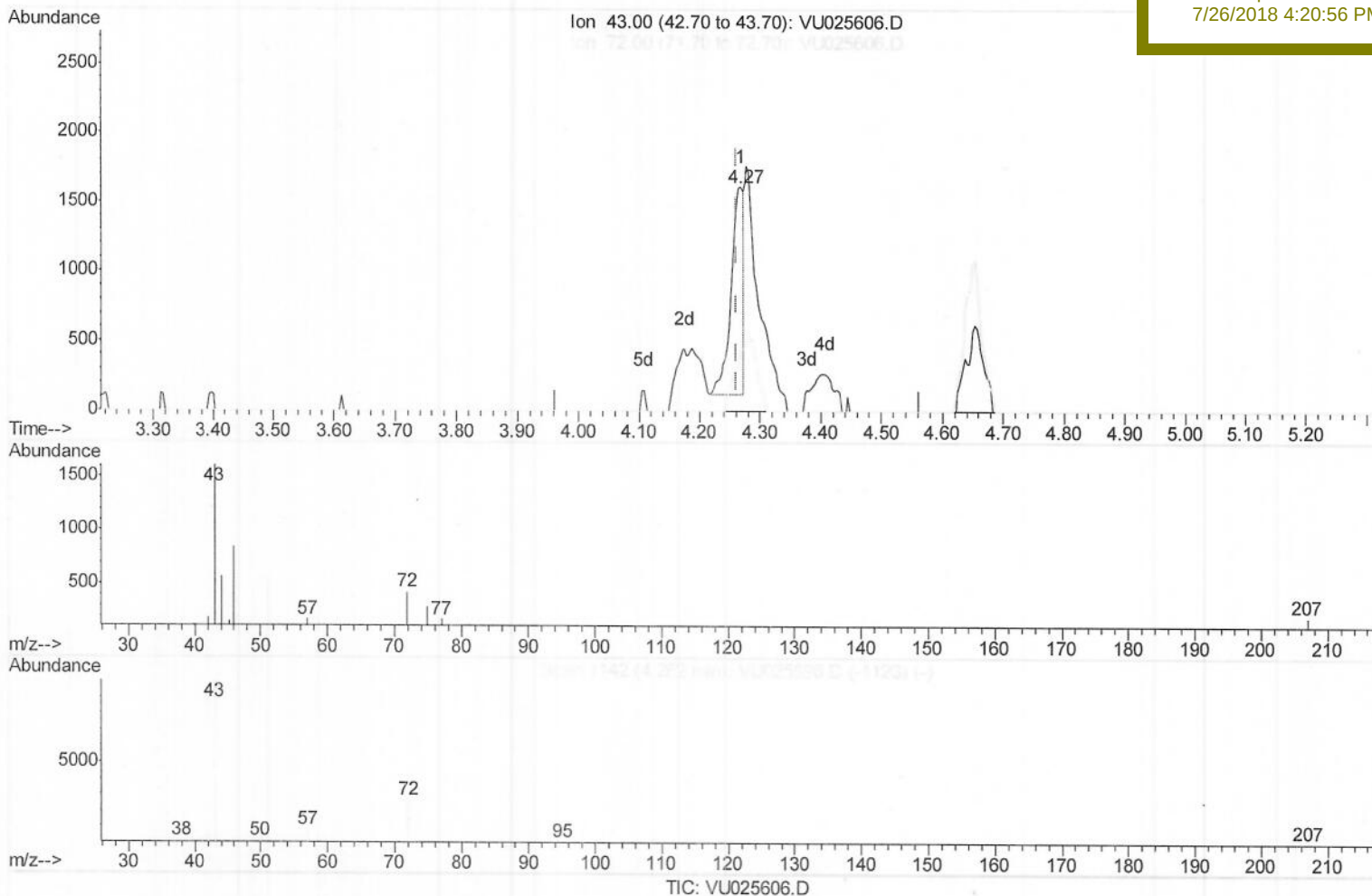
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ClientSampled :
PB111343ZHE#12

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(22) 2-Butanone (T)

4.268min (+0.006) 1.08ug/L

response 2020

Ion	Exp%	Act%
43.00	100	100
72.00	27.20	61.14#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

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Instrument :

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ClientSampleId :

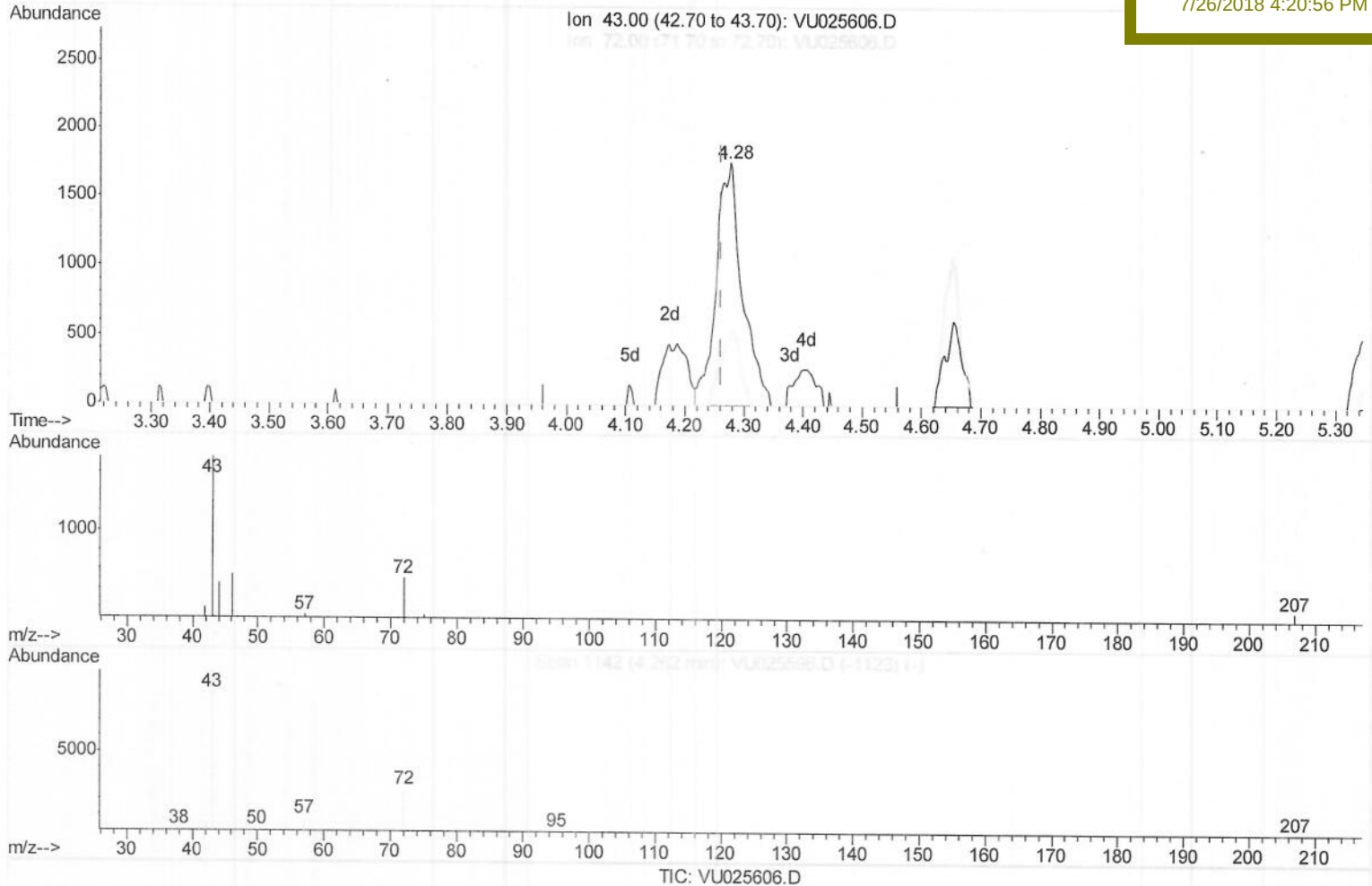
PB111343ZHE#12

Manual Integrations

APPROVED

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(22) 2-Butanone (T)

4.278min (+0.016) 2.89ug/L m

response 5405

Ion Exp% Act%

43.00 100 100

72.00 27.20 22.85

0.00 0.00 0.00

0.00 0.00 0.00

MD
08/04/18

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 ALS Vial : 12 Sample Multiplier: 1

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 MSVOA_U
 Client Sampled :
 PB111343ZHE#12

Manual Integrations
 APPROVED

apatel
 7/26/2018 4:20:56 PM

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 Quant Title : VOC Analysis
 QLast Update : Tue Jul 24 02:07:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	324705	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	303777	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	151659	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	66893	36.09	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	72.18%		
7) Chloroethane-d5	1.68	69	58917	38.53	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	77.06%		
11) 1,1-Dichloroethene-d2	2.27	63	115761	30.00	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	60.00%		
21) 2-Butanone-d5	4.18	46	159319	111.33	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	111.33%		
24) Chloroform-d	4.65	84	181256	43.90	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	87.80%		
26) 1,2-Dichloroethane-d4	5.31	65	125668	46.02	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.04%		
32) Benzene-d6	5.35	84	341303	43.81	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	87.62%		
36) 1,2-Dichloropropane-d6	6.34	67	114510	45.62	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	91.24%		
41) Toluene-d8	7.57	98	321643	43.05	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	86.10%		
43) trans-1,3-Dichloropropene-	7.85	79	55484	43.27	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	86.54%		
47) 2-Hexanone-d5	8.31	63	120495	114.63	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	114.63%		
57) 1,1,2,2-Tetrachloroethane-	10.44	84	165781	47.22	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	94.44%		
64) 1,2-Dichlorobenzene-d4	11.86	152	144389	46.98	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	93.96%		

Target Compounds

					Ovalue
13) Acetone	2.32	43	9320	5.548 ug/L	95
15) Methyl Acetate	2.62	43	5702	2.456 ug/L	91
16) Methylene chloride	2.71	84	2886	1.264 ug/L	96
22) 2-Butanone	4.28	43	5405m	2.890 ug/L	

) MD 08/04/18

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