

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU080918\

Data File : VU026020.D

Acq On : 10 Aug 2018 01:18

Operator : MD/SY

Sample : J4401-04DL 10X

Misc : 5.0mL/MSVOA U/WATER

ALS Vial : 45 Sample Multiplier: 1

Quant Time: Aug 10 08:15:23 2018

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080918WMA.M

Quant Title : VOC Analysis

QLast Update : Fri Aug 10 07:39:13 2018

Response via : Initial Calibration

Instrument :

MSVOA_U

ClientSampleId :

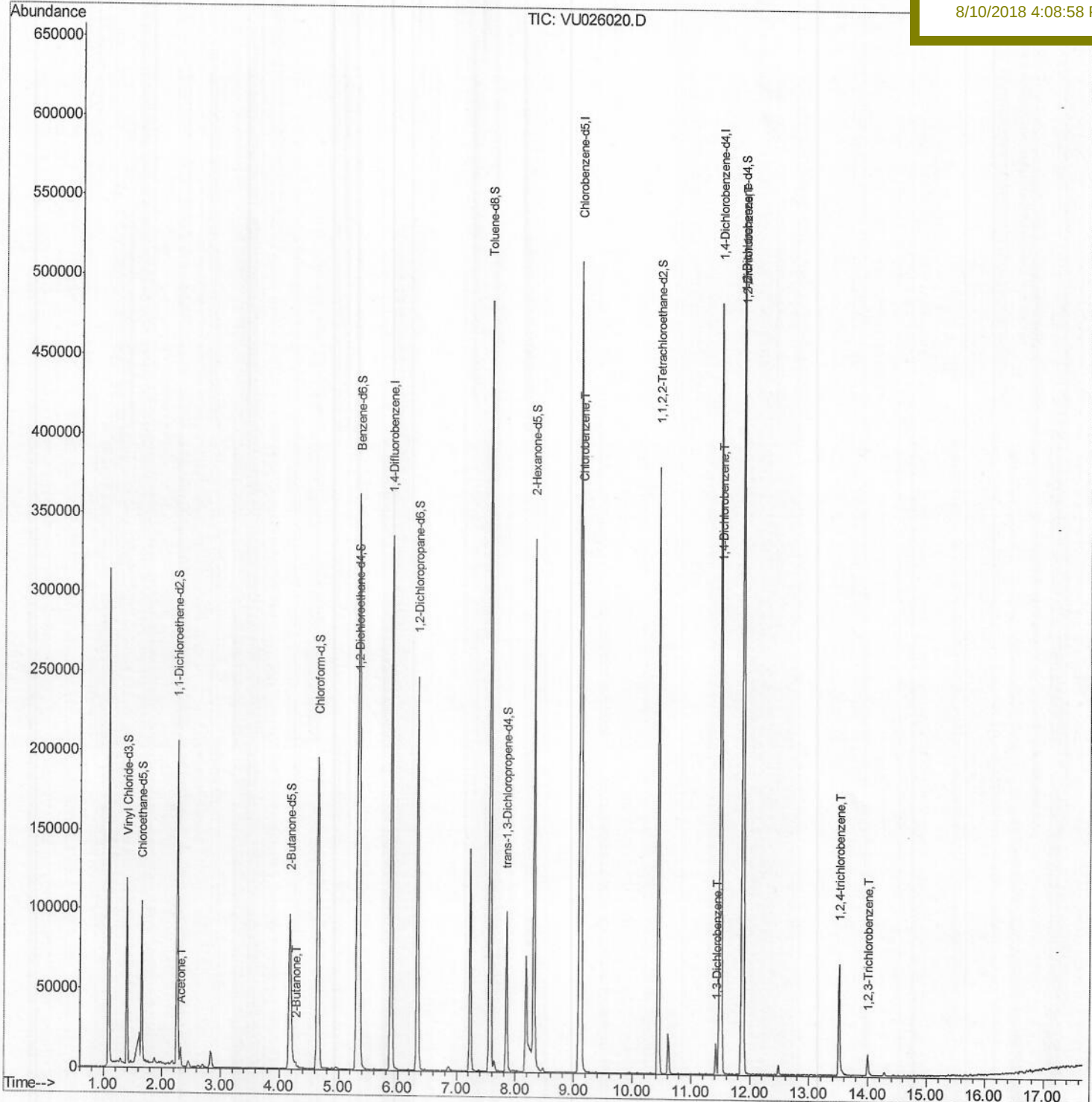
A4ZE2DL

Manual Integrations

APPROVED

MMDadoda

8/10/2018 4:08:58 PM



Quantitation Report (Qedit)

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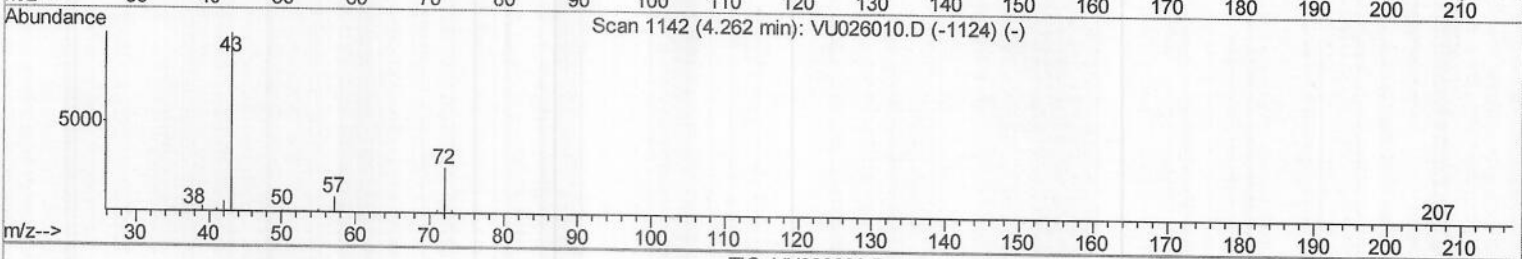
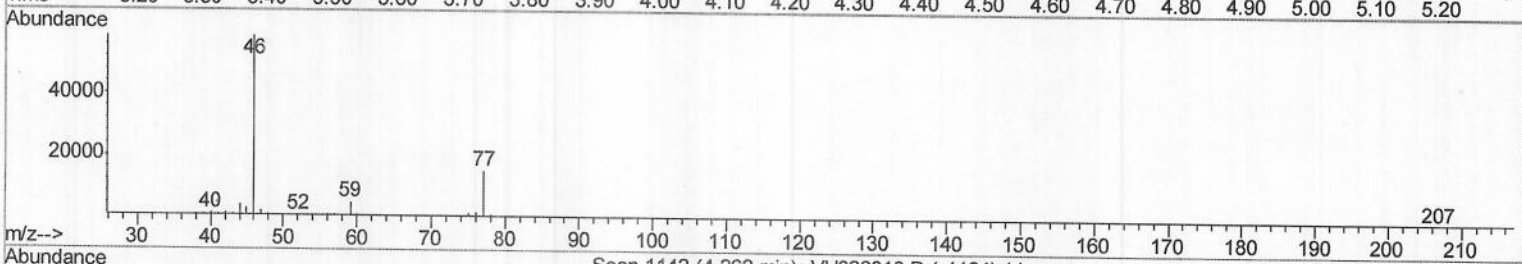
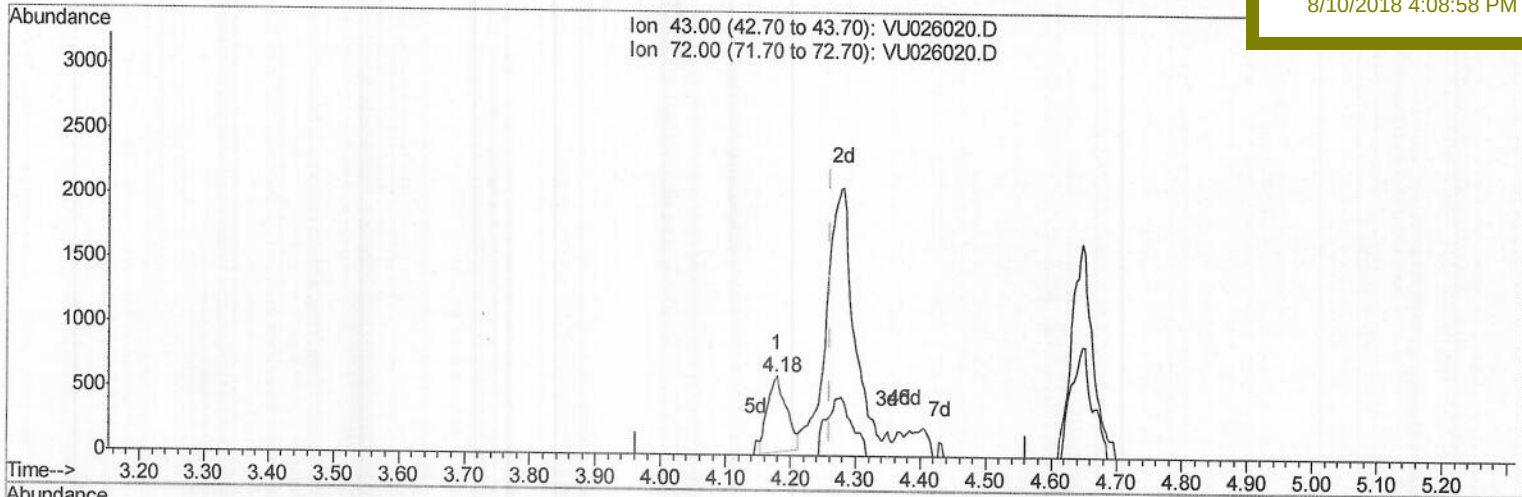
A4ZE2DL

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TIC: VU026020.D

(22) 2-Butanone (T)

4.178min (-0.084) 0.76ug/L

response 1193

Ion	Exp%	Act%
43.00	100	100
72.00	27.00	16.26
0.00	0.00	0.00
0.00	0.00	0.00

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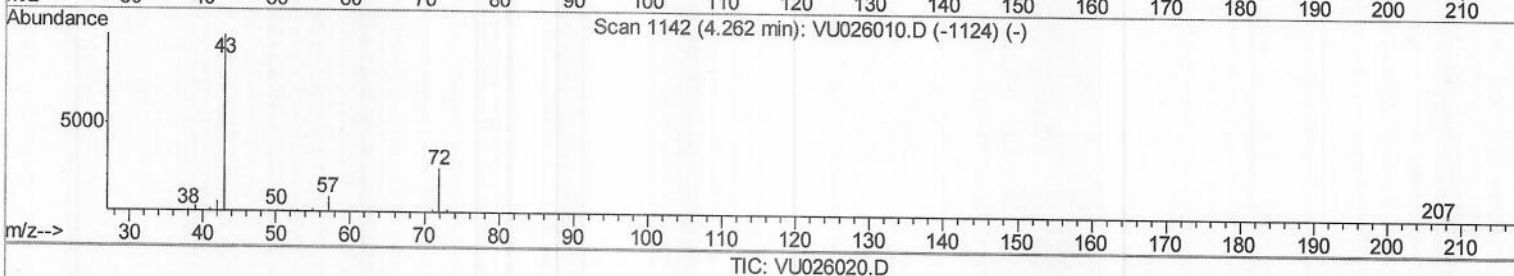
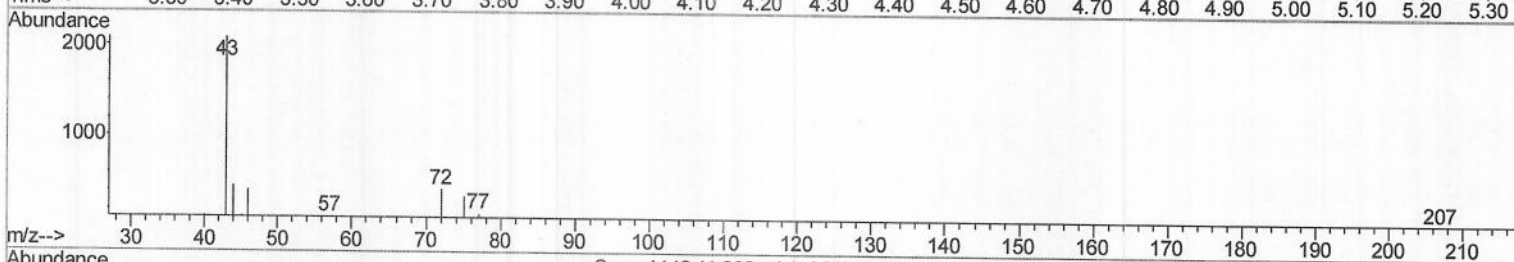
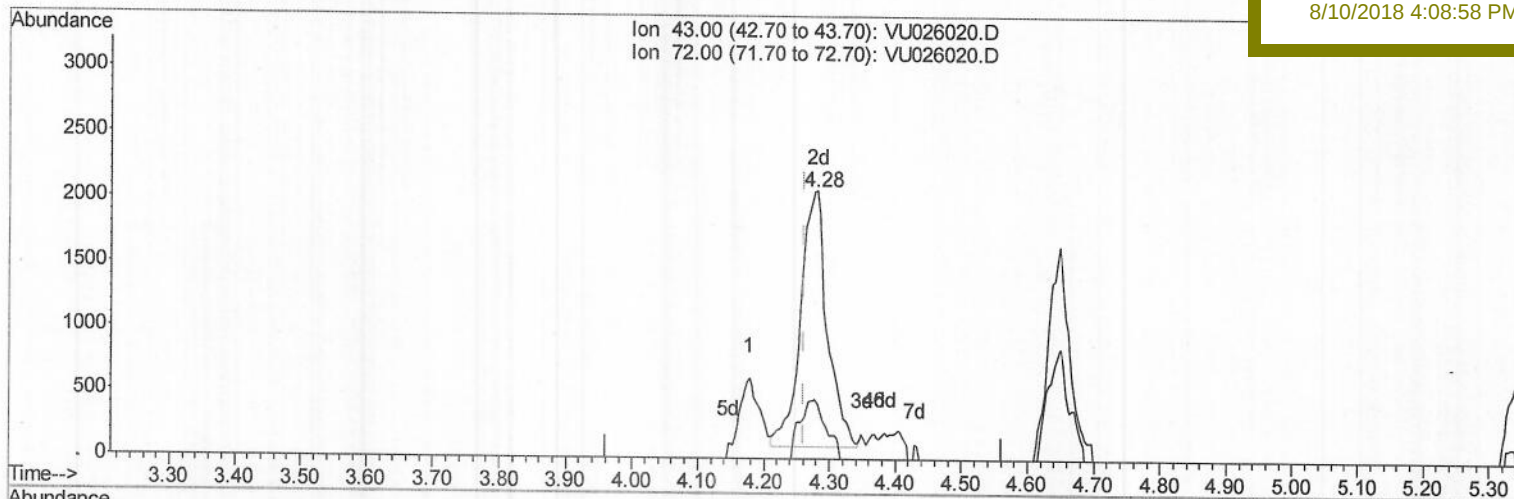
A4ZE2DL

Manual Integrations

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8/10/2018 4:08:58 PM



(22) 2-Butanone (T)

4.281min (+0.019) 3.51ug/L m) MD 08/18/18

response 5525

Ion	Exp%	Act%
43.00	100	100
72.00	27.00	3.51#
0.00	0.00	0.00
0.00	0.00	0.00

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 Operator : MD/SY
 Sample : J4401-04DL 10X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 A4ZE2DL

Quant Time: Aug 10 08:15:23 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080918WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 10 07:39:13 2018
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Manual Integrations
 APPROVED

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	287276	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	269781	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	125356	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	75535	35.97	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	71.94%		
7) Chloroethane-d5	1.65	69	69118	41.52	ug/L	-0.02
Spiked Amount 50.000	Range 70 - 130		Recovery =	83.04%		
11) 1,1-Dichloroethene-d2	2.27	63	114583	28.72	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	57.44%#		
21) 2-Butanone-d5	4.18	46	153618	87.77	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	87.77%		
24) Chloroform-d	4.65	84	187427	42.09	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	84.18%		
26) 1,2-Dichloroethane-d4	5.31	65	131534	43.73	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	87.46%		
32) Benzene-d6	5.34	84	360200	43.00	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	86.00%		
36) 1,2-Dichloropropane-d6	6.33	67	117174	43.23	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	86.46%		
41) Toluene-d8	7.57	98	321282	40.09	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	80.18%		
43) trans-1,3-Dichloropropene-	7.85	79	54732	40.08	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	80.16%		
47) 2-Hexanone-d5	8.31	63	113614	92.28	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	92.28%		
57) 1,1,2,2-Tetrachloroethane-	10.44	84	179226	45.21	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	90.42%		
64) 1,2-Dichlorobenzene-d4	11.86	152	136801	44.27	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	88.54%		

Target Compounds

	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.32	43	9902	9.108	ug/L	96
22) 2-Butanone	4.28	43	5525m)	3.512	ug/L	96
51) Chlorobenzene	9.12	112	172941	31.448	ug/L	99
62) 1,3-Dichlorobenzene	11.42	146	7908	2.026	ug/L	94
63) 1,4-Dichlorobenzene	11.51	146	61020	14.915	ug/L	97
65) 1,2-Dichlorobenzene	11.88	146	70878	17.063	ug/L	98
68) 1,2,4-trichlorobenzene	13.51	180	23536	9.542	ug/L	97
70) 1,2,3-Trichlorobenzene	13.99	180	5277	1.991	ug/L	95

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

MD 08/10/18