

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

Data File : VU026006.D

Acq On : 09 Aug 2018 19:14

Operator : MD/SY

Sample : J4361-07

Misc : 5.0mL/MSVOA U/WATER

ALS Vial : 30 Sample Multiplier: 1

Quant Time: Aug 10 05:18:25 2018

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

Quant Title : VOC Analysis

QLast Update : Fri Aug 10 05:14:50 2018

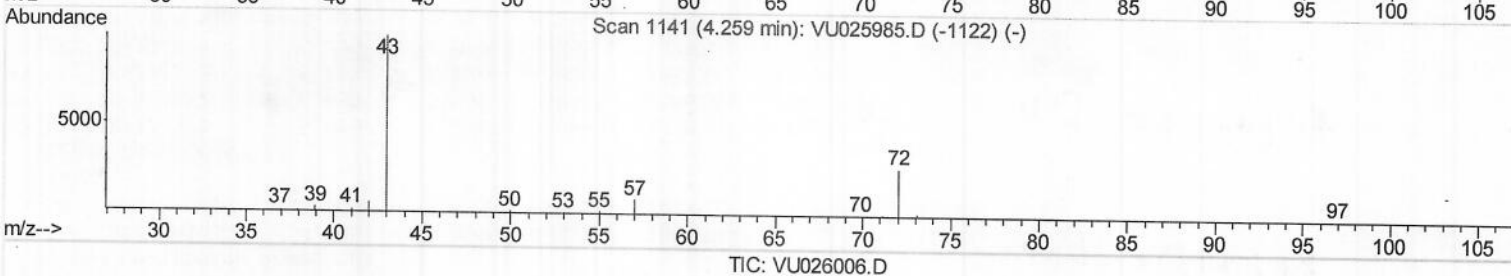
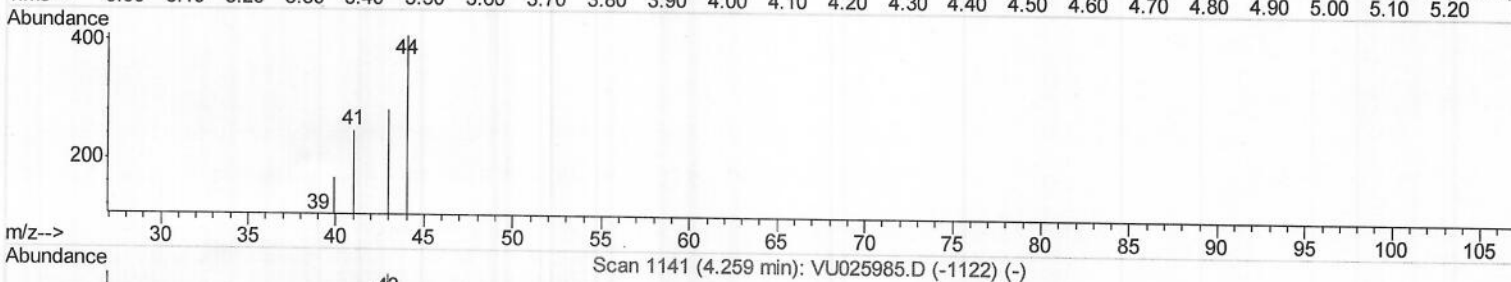
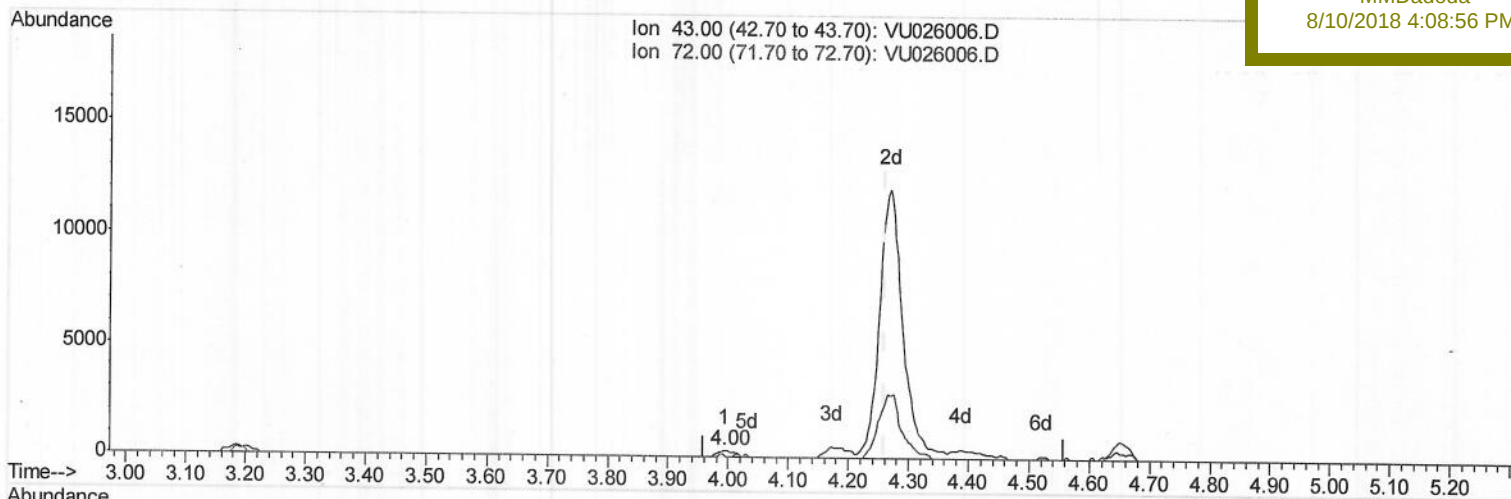
Response via : Initial Calibration

Instrument :

MSVOA_U

ClientSampleId :

A4ZB4

Manual Integrations
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(22) 2-Butanone (T)

3.995min (-0.264) 0.24ug/L

response 394

Ion	Exp%	Act%
43.00	100	100
72.00	27.00	18.53
0.00	0.00	0.00
0.00	0.00	0.00

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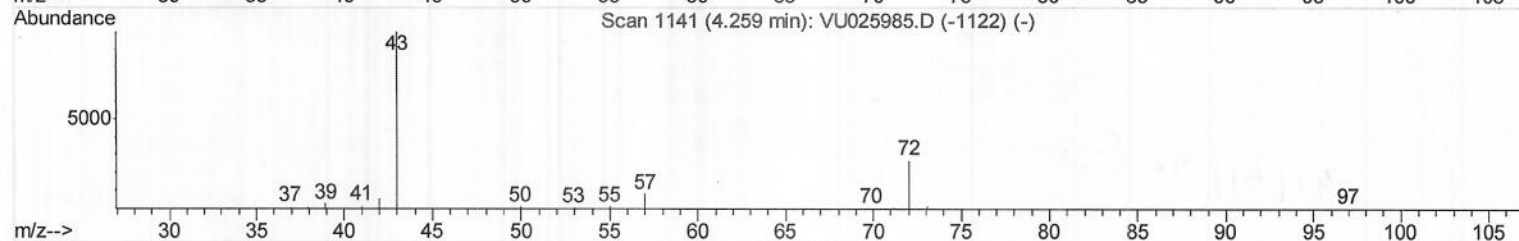
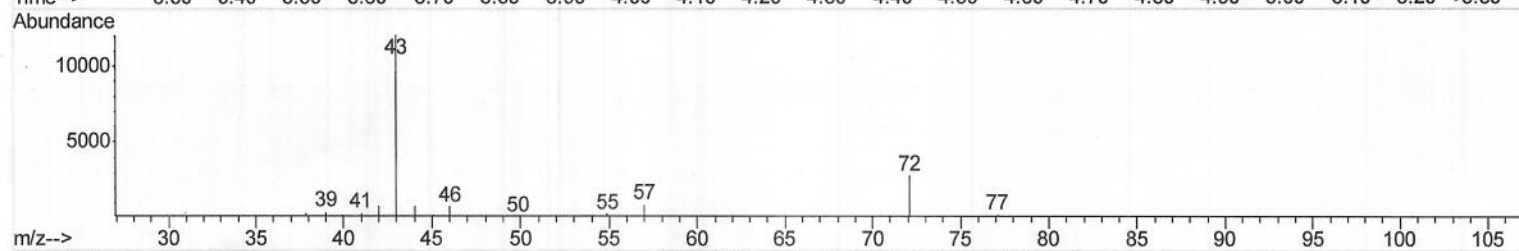
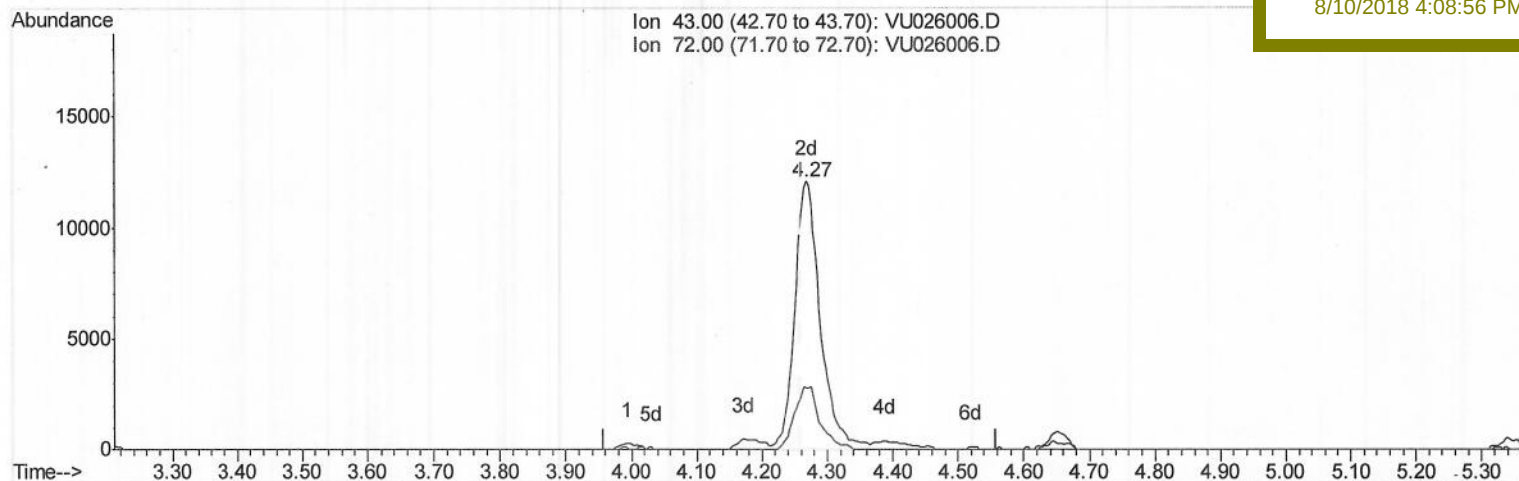
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(22) 2-Butanone (T)

4.268min (+0.009) 20.45ug/L m > 08/18/18 MD

response 32907

Ion	Exp%	Act%
43.00	100	100
72.00	27.00	0.22#
0.00	0.00	0.00
0.00	0.00	0.00

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Quant Time: Aug 10 07:25:20 2018
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	293834	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	274841	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	122793	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	89046	41.46	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	82.92%		
7) Chloroethane-d5	1.68	69	77521	45.52	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	91.04%		
11) 1,1-Dichloroethene-d2	2.27	63	139816	34.26	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	68.52%		
21) 2-Butanone-d5	4.18	46	172025	96.10	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	96.10%		
24) Chloroform-d	4.65	84	211721	46.49	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.98%		
26) 1,2-Dichloroethane-d4	5.31	65	148581	48.29	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.58%		
32) Benzene-d6	5.35	84	407887	47.79	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.58%		
36) 1,2-Dichloropropane-d6	6.33	67	133916	48.49	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	96.98%		
41) Toluene-d8	7.57	98	366592	44.90	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	89.80%		
43) trans-1,3-Dichloropropene-	7.85	79	65302	46.93	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	93.86%		
47) 2-Hexanone-d5	8.31	63	120104	95.76	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	95.76%		
57) 1,1,2,2-Tetrachloroethane-	10.44	84	188760	46.74	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	93.48%		
64) 1,2-Dichlorobenzene-d4	11.86	152	155839	51.48	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	102.96%		

Target Compounds

					Ovalue
13) Acetone	2.32	43	98291	88.389 ug/L	99
19) 1,1-Dichloroethane	3.45	63	7123	1.943 ug/L	95
22) 2-Butanone	4.27	43	32907m	20.451 ug/L	96
30) 1,1,1-Trichloroethane	4.91	97	14766	4.258 ug/L	96
42) Toluene	7.64	91	26027	3.132 ug/L	98
63) 1,4-Dichlorobenzene	11.51	146	42998	10.730 ug/L	98
65) 1,2-Dichlorobenzene	11.88	146	155435	38.199 ug/L	100
68) 1,2,4-trichlorobenzene	13.51	180	6502	2.691 ug/L	97

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

08/18/18 M.D

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