

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU081418\

Data File : VU026103.D

Acq On : 14 Aug 2018 15:53

Operator : MD/SY

Sample : J4451-16MSD

Misc : 5.0mL/MSVOA U/WATER

ALS Vial : 13 Sample Multiplier: 1

Quant Time: Aug 15 19:04:59 2018

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

Quant Title : VOC Analysis

QLast Update : Sat Aug 11 00:58:27 2018

Response via : Initial Calibration

Instrument :

MSVOA_U

ClientSampleID :

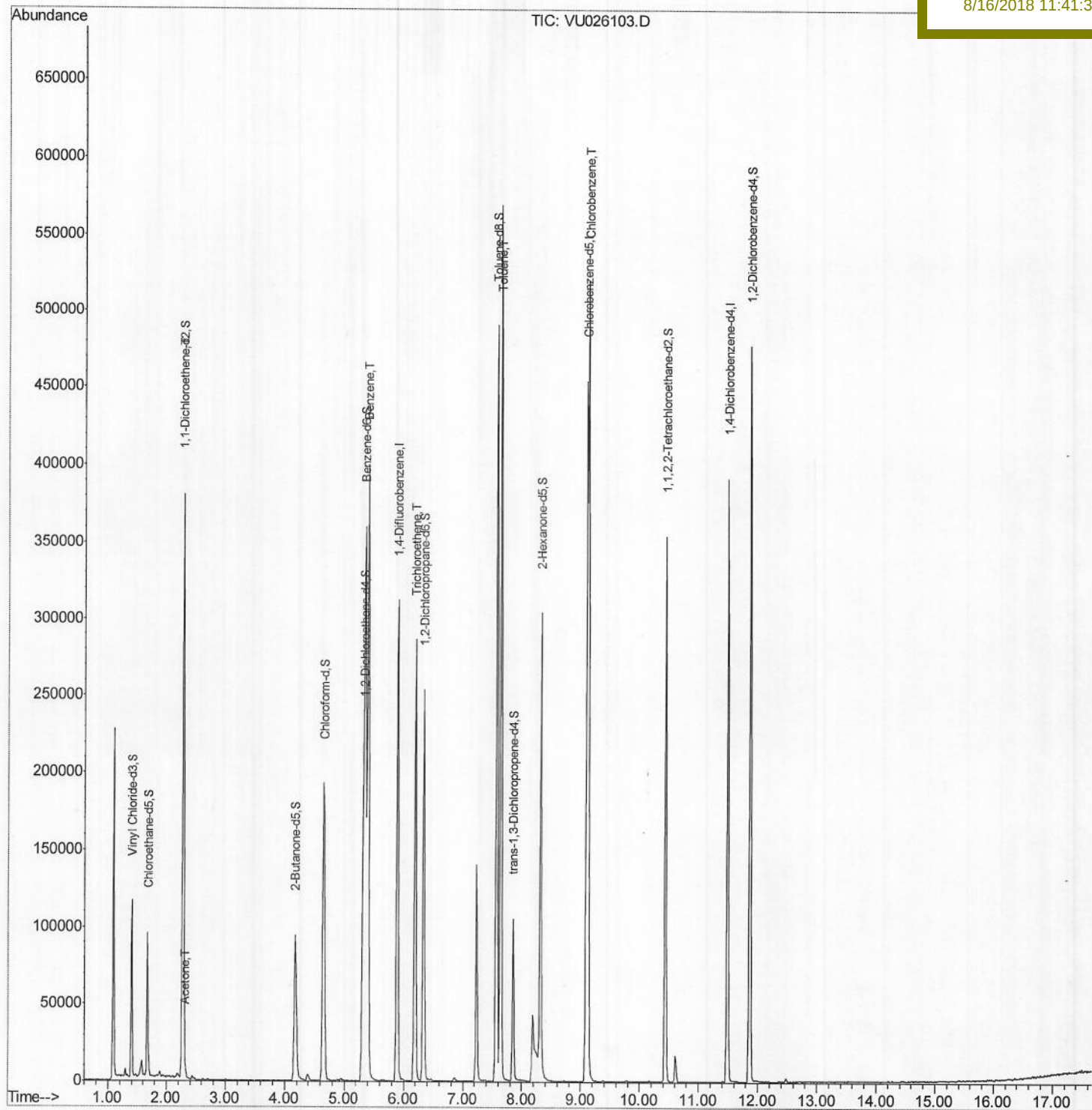
A4ZK4MSD

Manual Integrations

APPROVED

MMDadoda

8/16/2018 11:41:35 AM



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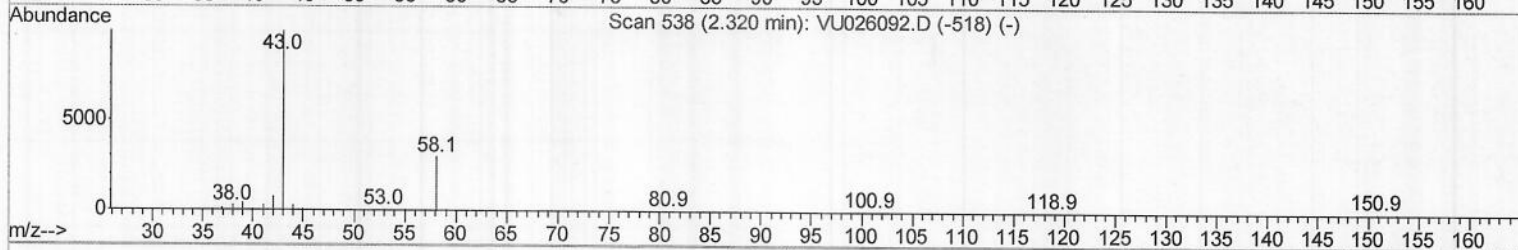
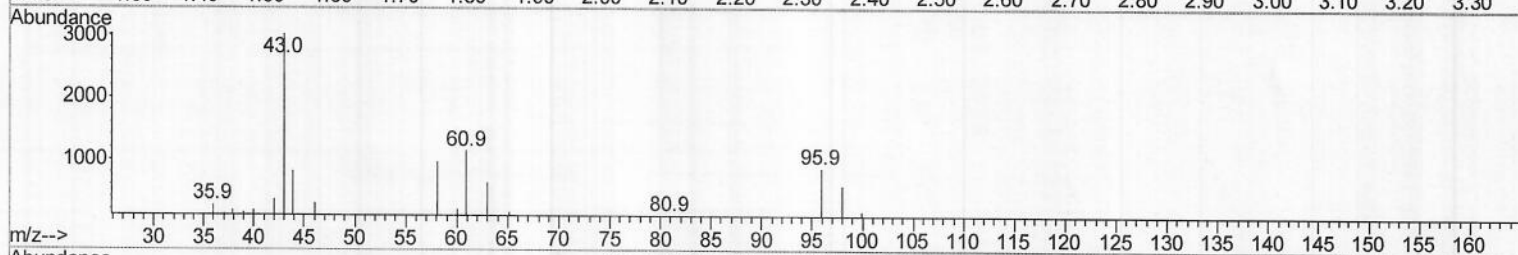
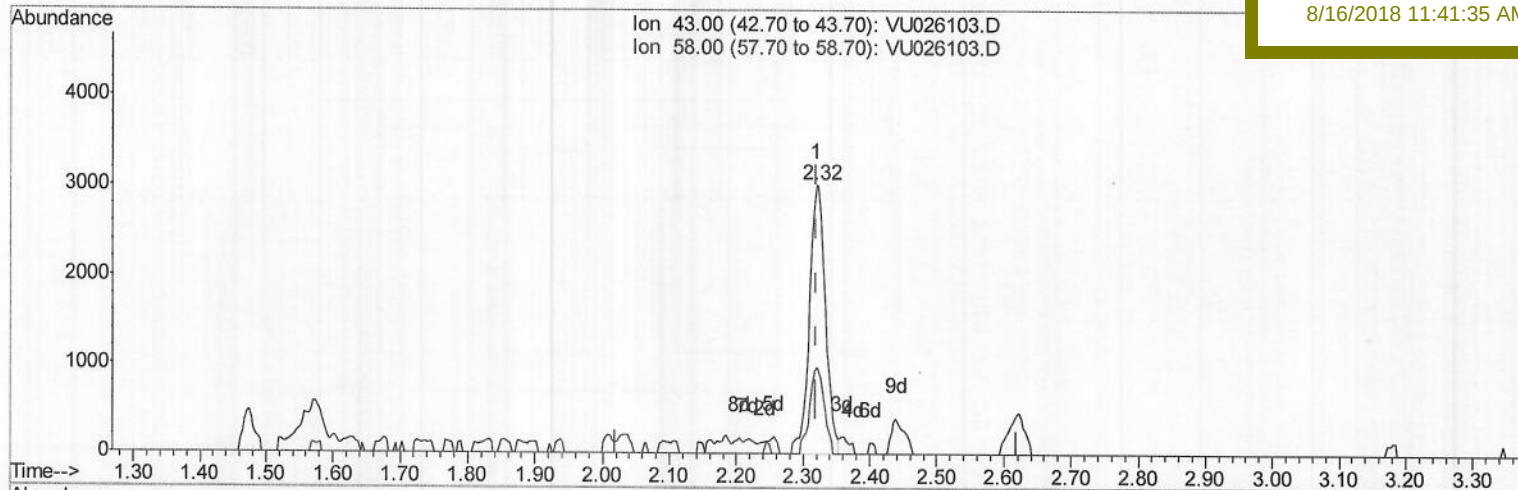
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8/16/2018 11:41:35 AM



TIC: VU026103.D

(13) Acetone (T)

2.320min (+0.000) 5.06ug/L

response 5037

Ion	Exp%	Act%
43.00	100	100
58.00	30.90	29.34
0.00	0.00	0.00
0.00	0.00	0.00

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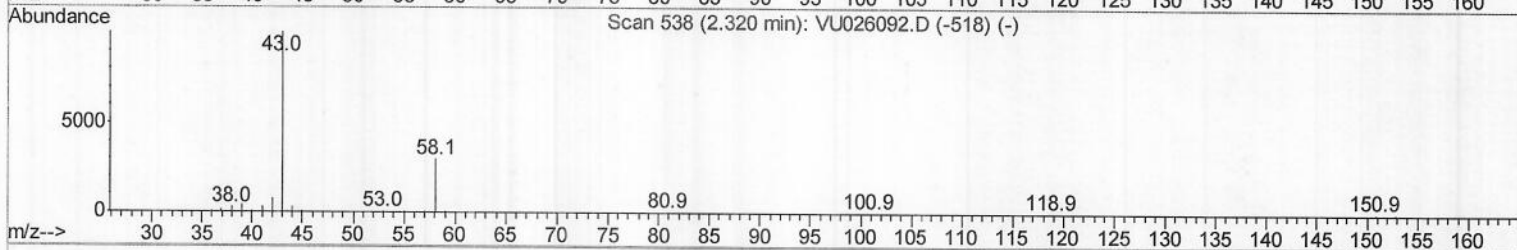
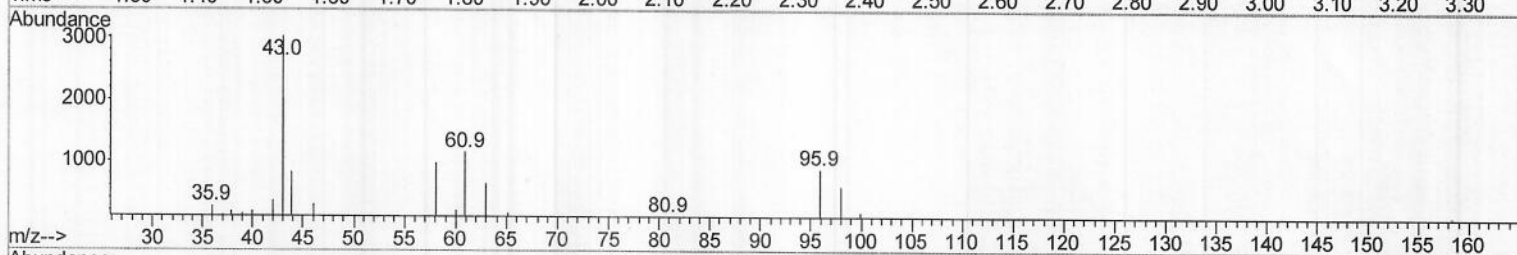
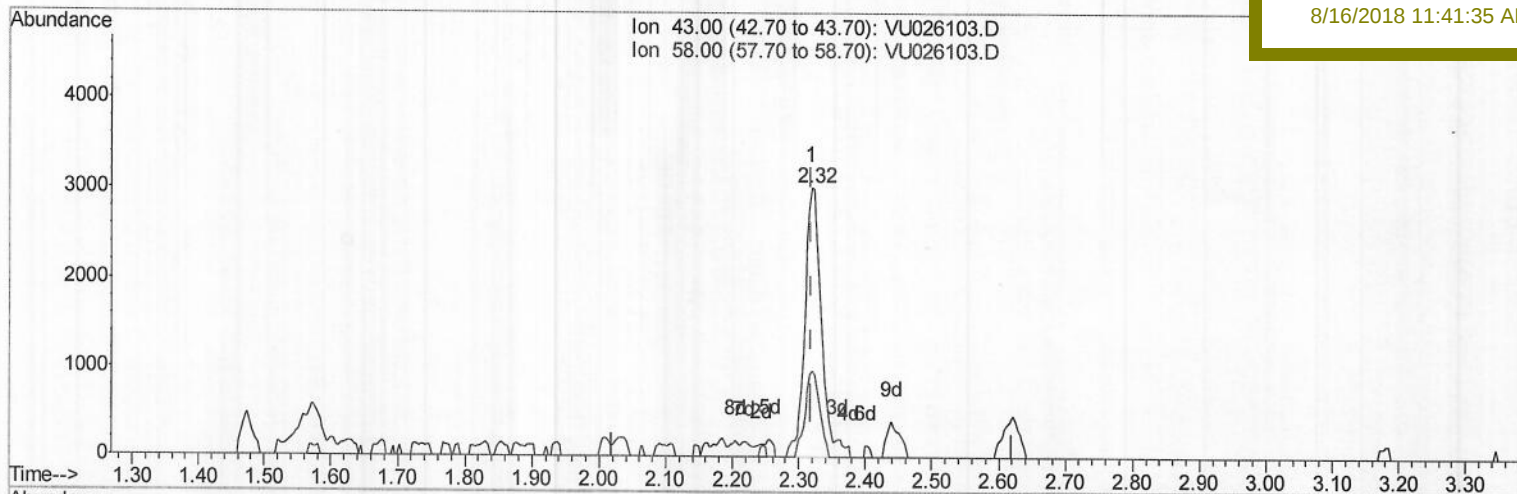
A4ZK4MSD

Manual Integrations

APPROVED

MMDadoda

8/16/2018 11:41:35 AM



TIC: VU026103.D

(13) Acetone (T)

2.320min (+0.000) 5.26ug/L m

MD 08/18/18

response 5237

Ion	Exp%	Act%
43.00	100	100
58.00	30.90	28.22
0.00	0.00	0.00
0.00	0.00	0.00

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 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
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Quant Time: Aug 15 19:04:59 2018
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Manual Integrations
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 8/16/2018 11:41:35 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	263274	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	244774	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	105313	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	75399	39.18	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	78.36%		
7) Chloroethane-d5	1.67	69	68318	44.78	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	89.56%		
11) 1,1-Dichloroethene-d2	2.27	63	161052	44.04	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	88.08%		
21) 2-Butanone-d5	4.18	46	151455	94.43	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	94.43%		
24) Chloroform-d	4.65	84	188630	46.22	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.44%		
26) 1,2-Dichloroethane-d4	5.31	65	132446	48.05	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.10%		
32) Benzene-d6	5.35	84	357170	46.99	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.98%		
36) 1,2-Dichloropropane-d6	6.33	67	121102	49.24	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	98.48%		
41) Toluene-d8	7.57	98	324882	44.68	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	89.36%		
43) trans-1,3-Dichloropropene-	7.85	79	58032	46.83	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	93.66%		
47) 2-Hexanone-d5	8.31	63	105345	94.31	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	94.31%		
57) 1,1,2,2-Tetrachloroethane-	10.44	84	171532	47.69	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	95.38%		
64) 1,2-Dichlorobenzene-d4	11.86	152	131100	50.50	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	101.00%		

Target Compounds

				Ovalue
12) 1,1-Dichloroethene	2.28	96	78091	51.376 ug/L 88
13) Acetone	2.32	43	5237m	5.256 ug/L
33) Benzene	5.39	78	389708	55.899 ug/L 100
34) Trichloroethene	6.19	95	97048	53.284 ug/L 98
42) Toluene	7.64	91	417641	56.438 ug/L 97
51) Chlorobenzene	9.12	112	271512	54.417 ug/L 99

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

JMD08/18/18