

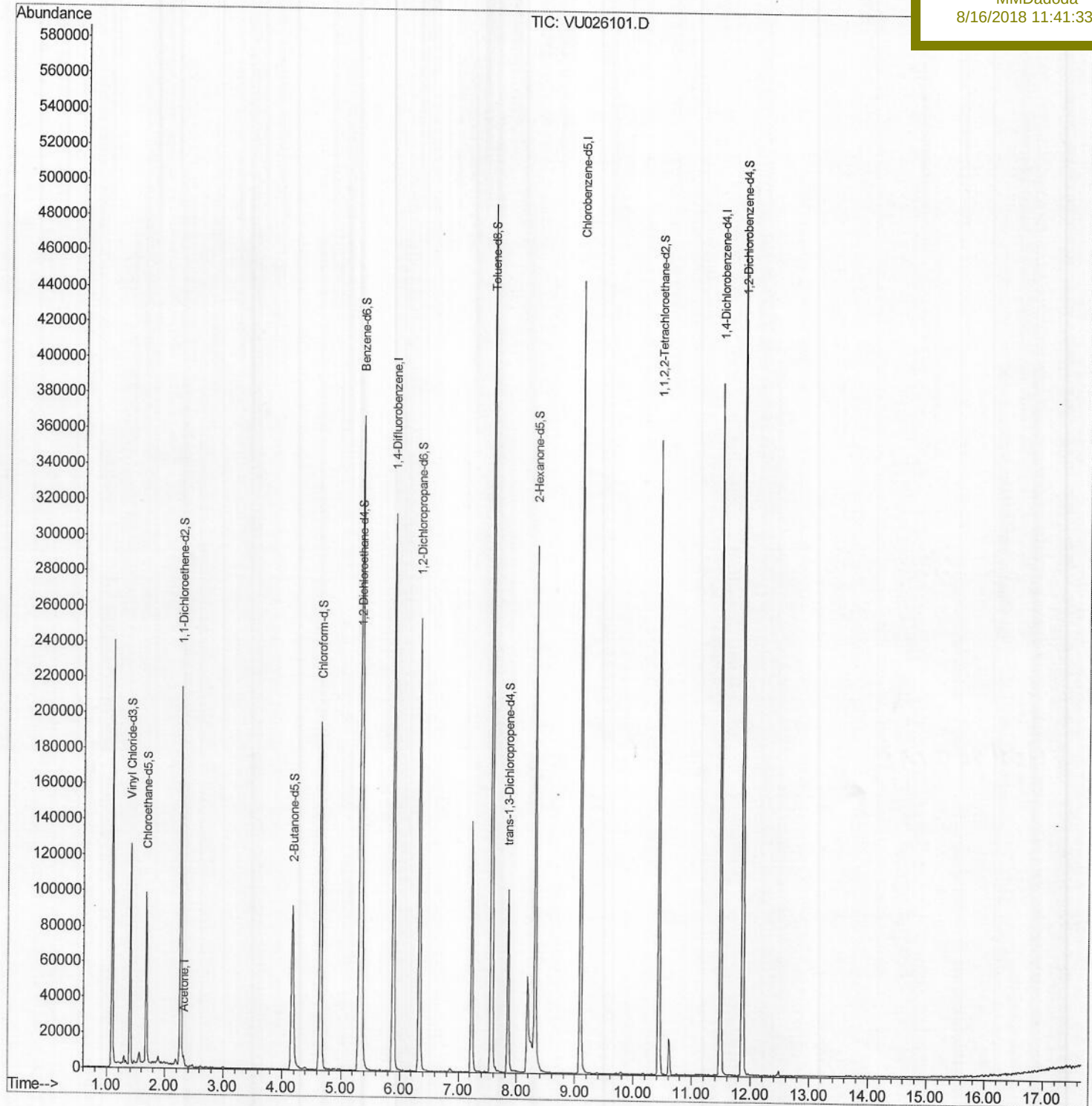
Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU081418\
Data File : VU026101.D
Acq On : 14 Aug 2018 15:05
Operator : MD/SY
Sample : J4451-12
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Aug 15 18:55:00 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 :
A4ZK2

Manual Integrations
APPROVED

MMDadoda
8/16/2018 11:41:33 AM



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

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Quant Time: Aug 14 15:47:19 2018

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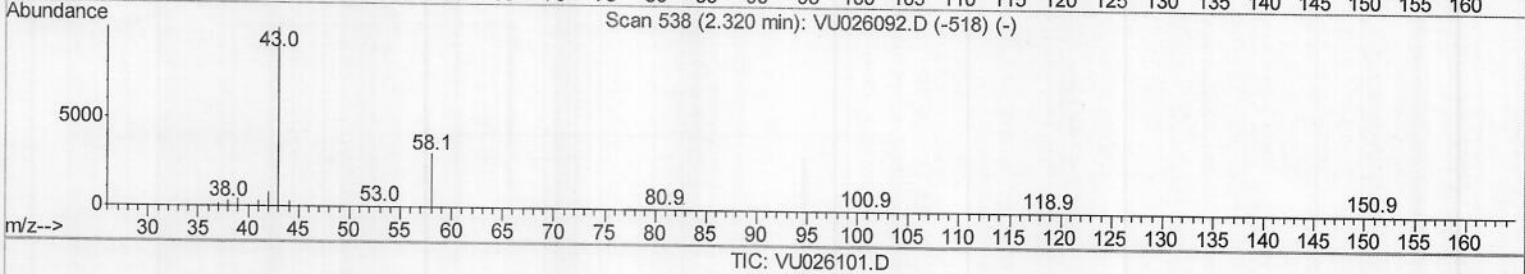
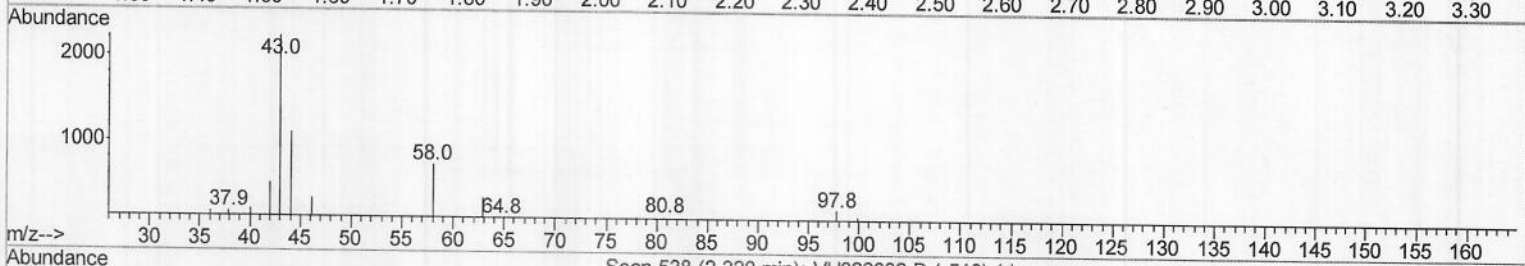
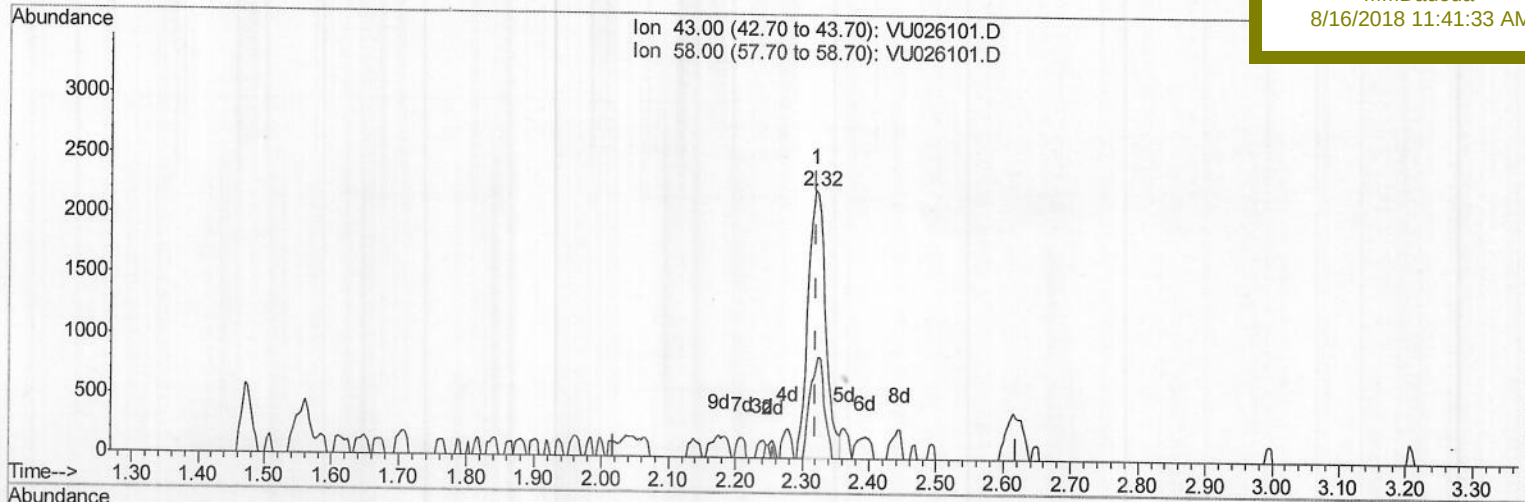
A4ZK2

Manual Integrations

APPROVED

MMDadoda

8/16/2018 11:41:33 AM



(13) Acetone (T)

2.320min (+0.000) 4.14ug/L

response 4063

Ion	Exp%	Act%
43.00	100	100
58.00	30.90	30.32
0.00	0.00	0.00
0.00	0.00	0.00

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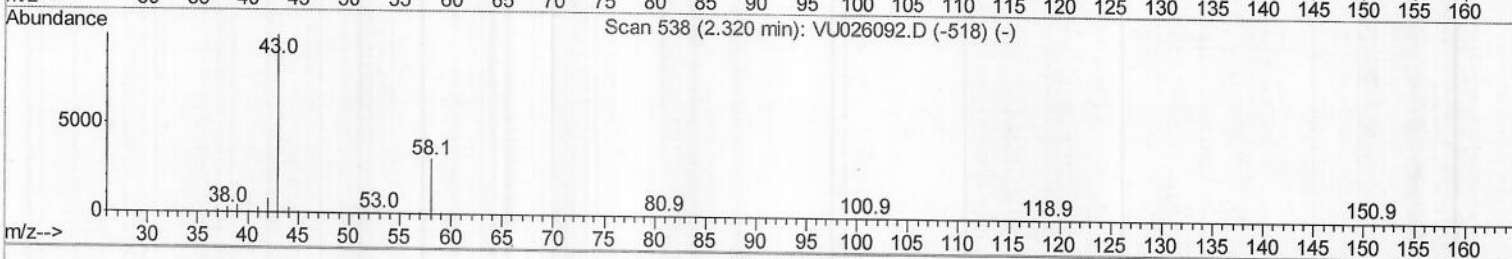
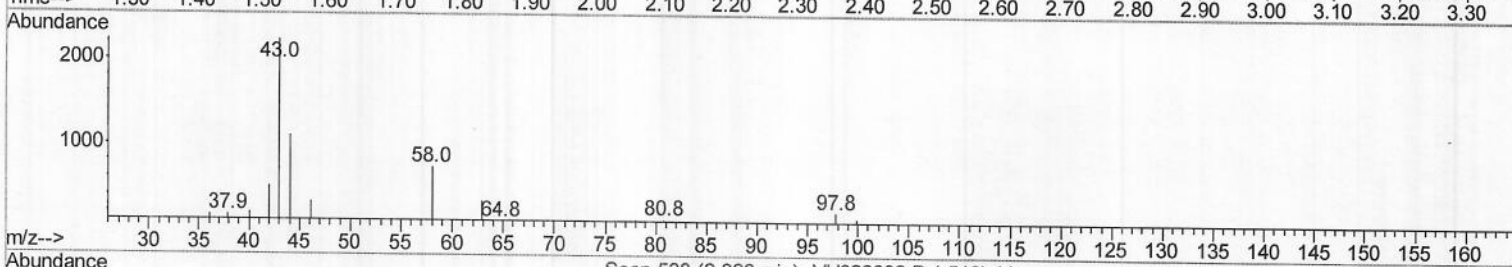
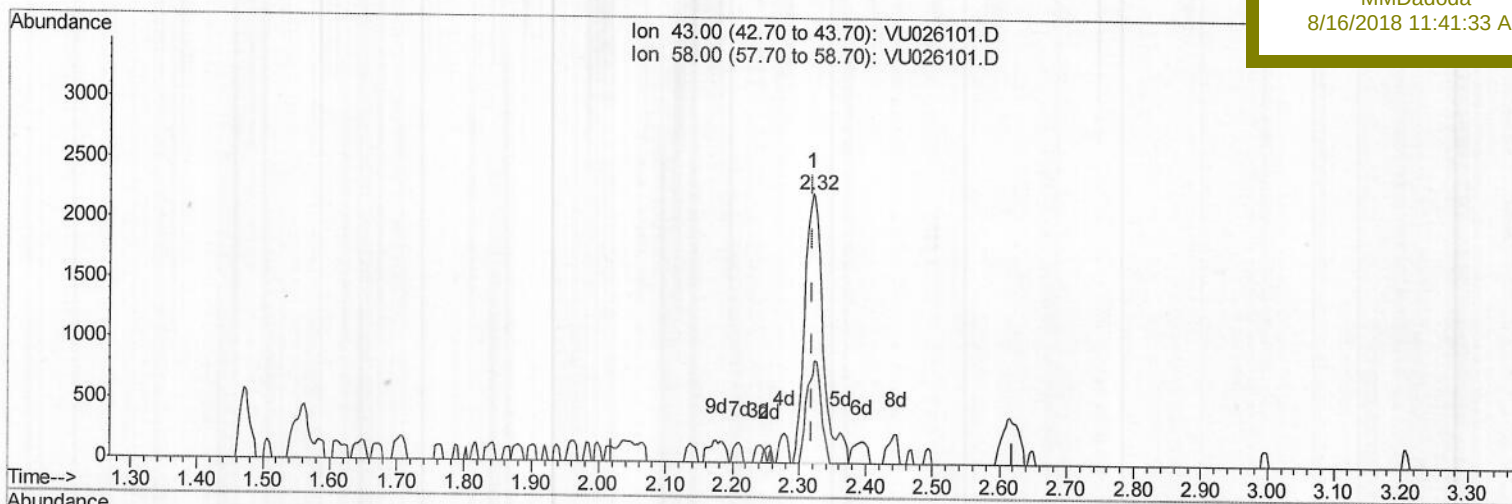
ClientSampleId :

A4ZK2

Manual Integrations
APPROVED

MMDadoda

8/16/2018 11:41:33 AM



TIC: VU026101.D

(13) Acetone (T)

2.320min (+0.000) 4.35ug/L m > MD08118118

response 4265

Ion	Exp%	Act%
43.00	100	100
58.00	30.90	28.89
0.00	0.00	0.00
0.00	0.00	0.00

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 Operator : MD/SY
 Sample : J4451-12
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 A4ZK2

Quant Time: Aug 15 18:55:00 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080918WMA.M
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 QLast Update : Sat Aug 11 00:58:27 2018
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Manual Integrations
 APPROVED

MMDadoda
 8/16/2018 11:41:33 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	259173	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	244739	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	103695	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	77716	41.02	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	82.04%		
7) Chloroethane-d5	1.68	69	68915	45.88	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	91.76%		
11) 1,1-Dichloroethene-d2	2.27	63	119401	33.17	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	66.34%		
21) 2-Butanone-d5	4.18	46	147800	93.61	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	93.61%		
24) Chloroform-d	4.65	84	191780	47.74	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.48%		
26) 1,2-Dichloroethane-d4	5.31	65	131201	48.35	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.70%		
32) Benzene-d6	5.35	84	365391	48.08	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.16%		
36) 1,2-Dichloropropane-d6	6.33	67	122513	49.82	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	99.64%		
41) Toluene-d8	7.57	98	328331	45.16	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	90.32%		
43) trans-1,3-Dichloropropene-	7.85	79	57000	46.01	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	92.02%		
47) 2-Hexanone-d5	8.31	63	104198	93.29	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	93.29%		
57) 1,1,2,2-Tetrachloroethane-	10.44	84	169887	47.24	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	94.48%		
64) 1,2-Dichlorobenzene-d4	11.86	152	130596	51.09	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	102.18%		

Target Compounds

13) Acetone	2.32	43	4265m)	4.348	ug/L	Ovalue
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)MD 08/18/18

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