

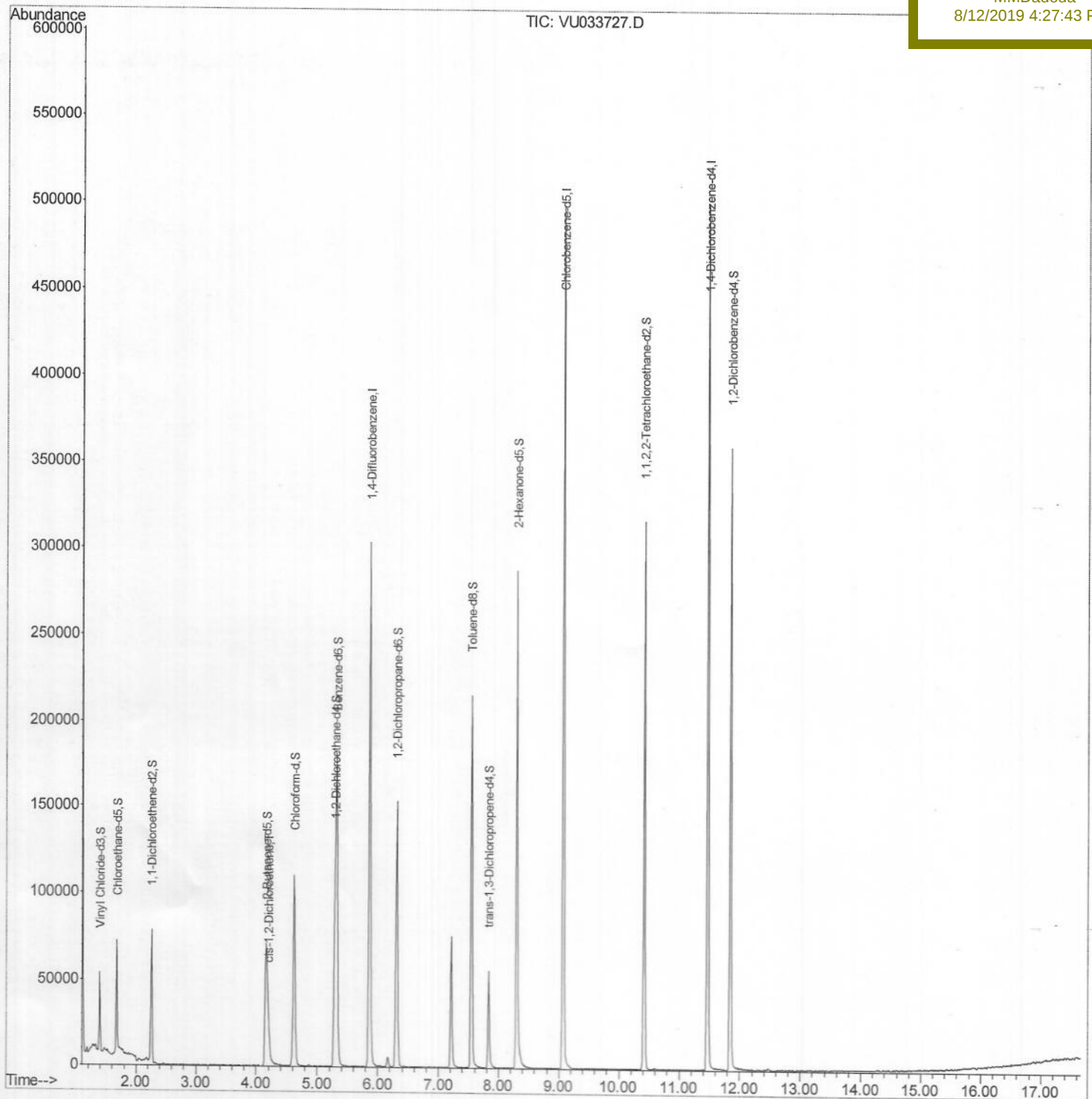
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU081019\
Data File : VU033727.D
Acq On : 10 Aug 2019 19:20
Operator : JC/SP
Sample : K4289-07RE
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Aug 11 04:48:18 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080919WMA.M
Quant Title : VOC Analysis
QLast Update : Sun Aug 11 04:24:38 2019
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
F2B20RE

Manual Integrations
APPROVED

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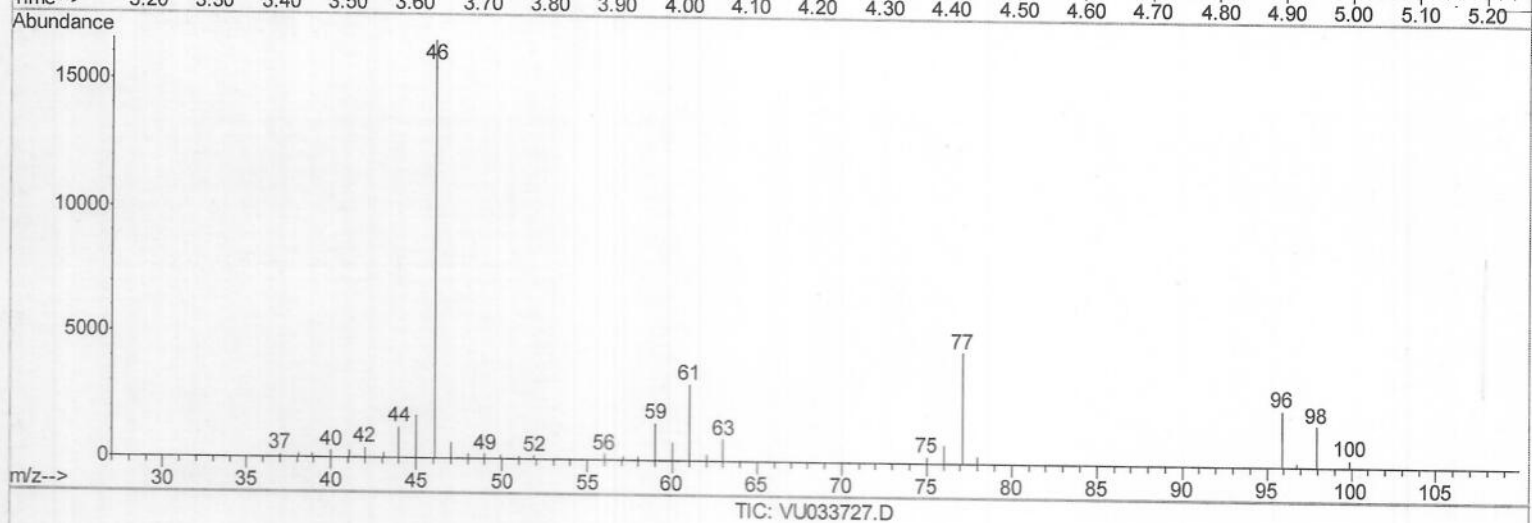
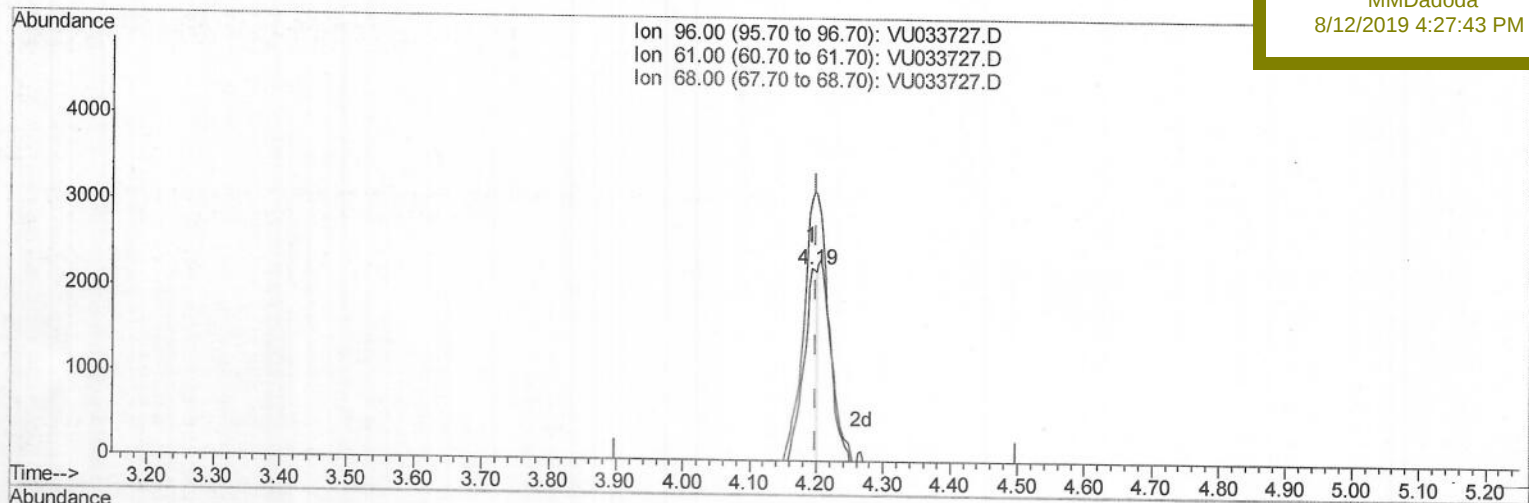
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Sample : K4289-07RE
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ALS Vial : 22 Sample Multiplier: 1

Quant Time: Aug 11 04:28:28 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080919WMA.M
Quant Title : VOC Analysis
QLast Update : Sun Aug 11 04:24:38 2019
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Manual Integrations
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(20) cis-1,2-Dichloroethene (T)

4.193min (-0.007) 1.65ug/L

response 3018

Ion	Exp%	Act%
96.00	100	100
61.00	124.30	134.79
68.00	0.00	0.00
0.00	0.00	0.00

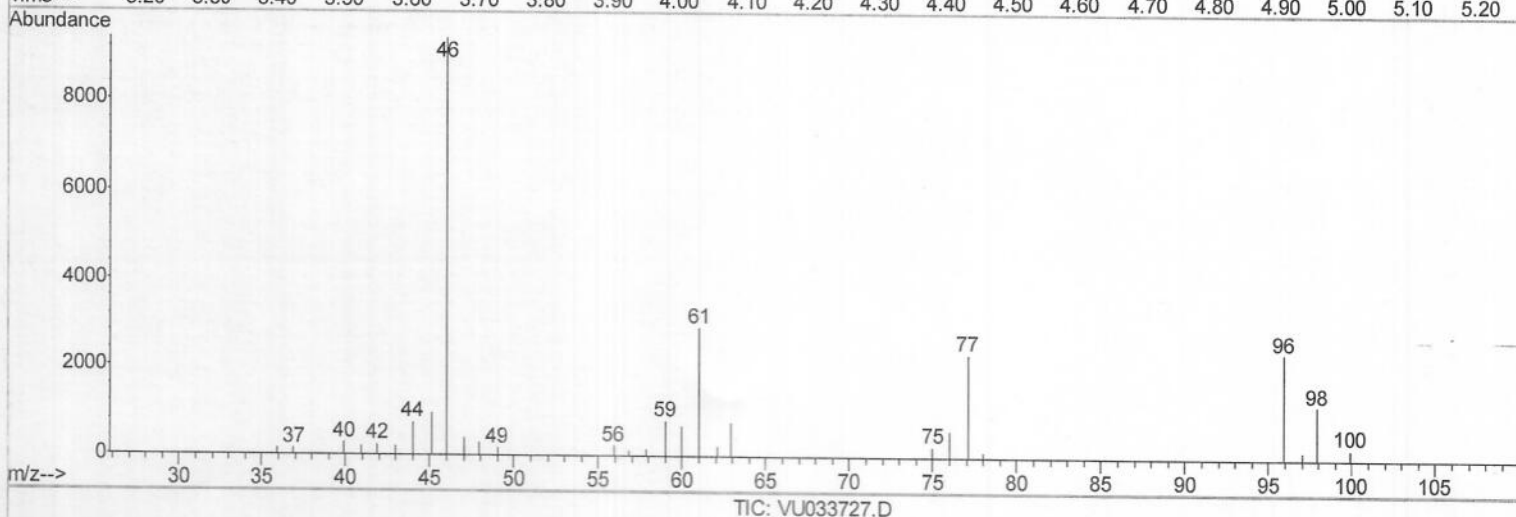
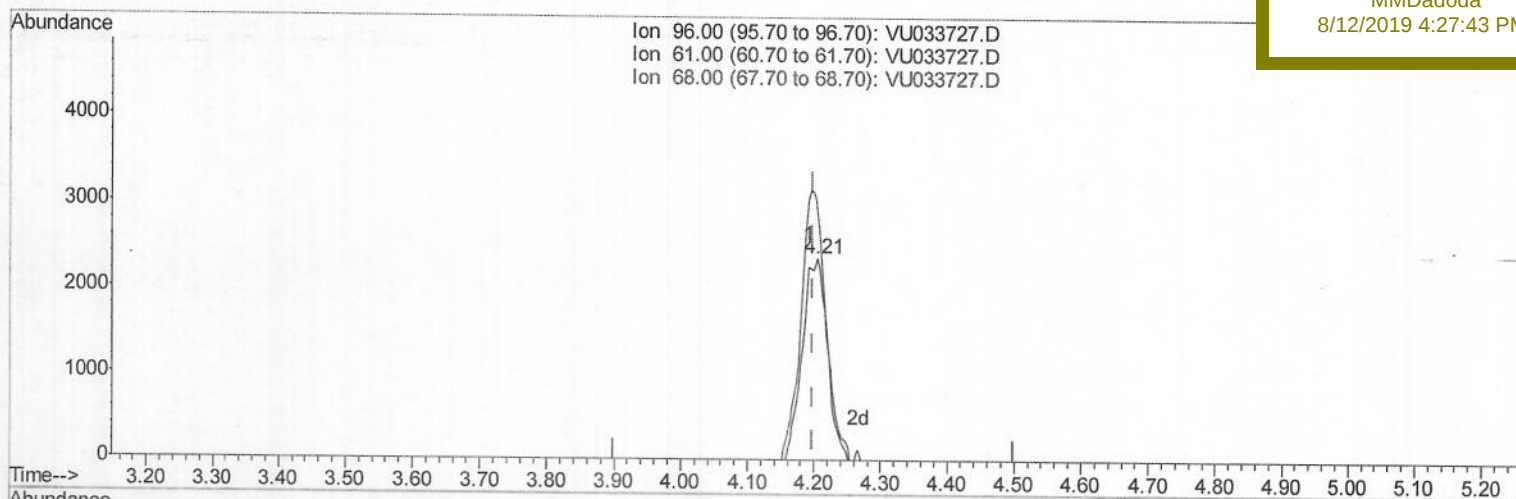
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Instrument :
MSVOA_U
ClientSampleId :
F2B20RE

Manual Integrations
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(20) cis-1,2-Dichloroethene (T)

4.206min (+0.006) 3.37ug/L m)

response 6182

Ion	Exp%	Act%
96.00	100	100
61.00	124.30	123.05
68.00	0.00	0.00
0.00	0.00	0.00

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08/12/19

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU081019\
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 Operator : JC/SP
 Sample : K4289-07RE
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 Client Sampled :
 F2B20RE

Quant Time: Aug 11 04:48:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080919WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sun Aug 11 04:24:38 2019
 Response via : Initial Calibration

Manual Integrations
 APPROVED

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-Difluorobenzene	5.86	114	254995	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	274155	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	132600	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	29311	15.62	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	31.24%#		
7) Chloroethane-d5	1.67	69	41152	21.87	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	43.74%#		
11) 1,1-Dichloroethene-d2	2.26	63	44340	14.05	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	28.10%#		
21) 2-Butanone-d5	4.16	46	132005	113.44	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	113.44%		
24) Chloroform-d	4.62	84	111724	40.06	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	80.12%		
26) 1,2-Dichloroethane-d4	5.28	65	74687	42.83	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	85.66%		
32) Benzene-d6	5.31	84	176724	27.31	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	54.62%#		
36) 1,2-Dichloropropane-d6	6.31	67	73178	36.86	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	73.72%		
41) Toluene-d8	7.55	98	148130	24.34	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	48.68%#		
43) trans-1,3-Dichloropropene-	7.83	79	33871	33.78	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	67.56%		
47) 2-Hexanone-d5	8.30	63	102430	99.60	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	99.60%		
57) 1,1,2,2-Tetrachloroethane-	10.41	84	154885	52.73	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	105.46%		
64) 1,2-Dichlorobenzene-d4	11.85	152	94020	42.13	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	84.26%		

Target Compounds

20) cis-1,2-Dichloroethene	4.21	96	6182m	3.372	ug/L	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

M. J
 08/12/19