

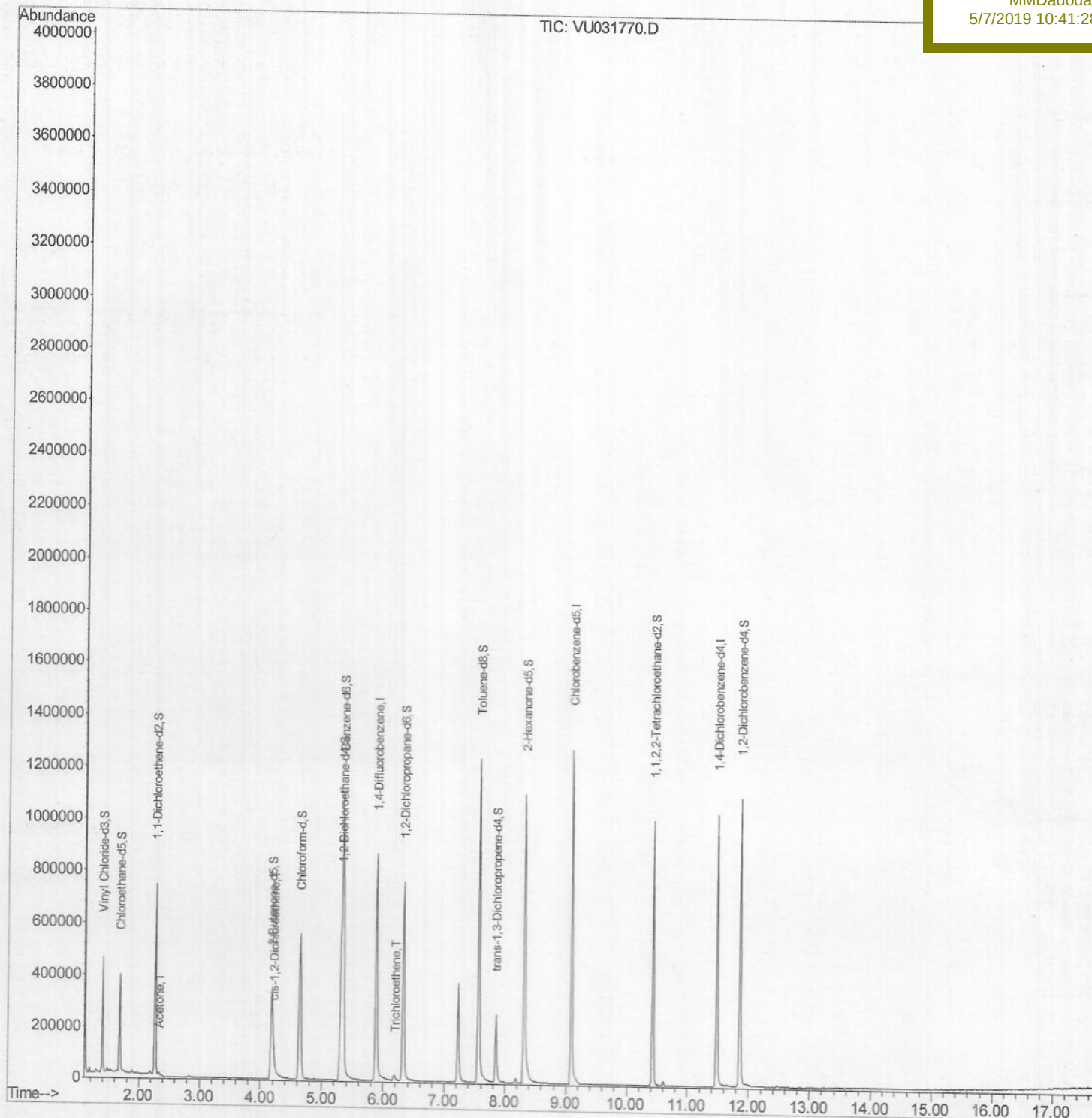
Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU050619\
Data File : VU031770.D
Acq On : 06 May 2019 11:16
Operator : JC/SP
Sample : K2694-01
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 8 Sample Multiplier: 1

Quant Time: May 07 09:09:53 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis
QLast Update : Tue May 07 08:38:32 2019
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
BFHG0

Manual Integrations
APPROVED

MMDadoda
5/7/2019 10:41:28 AM



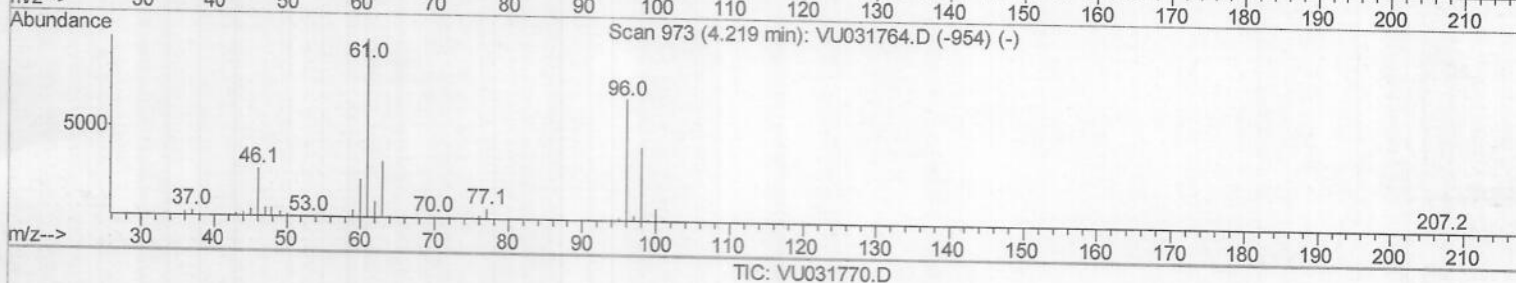
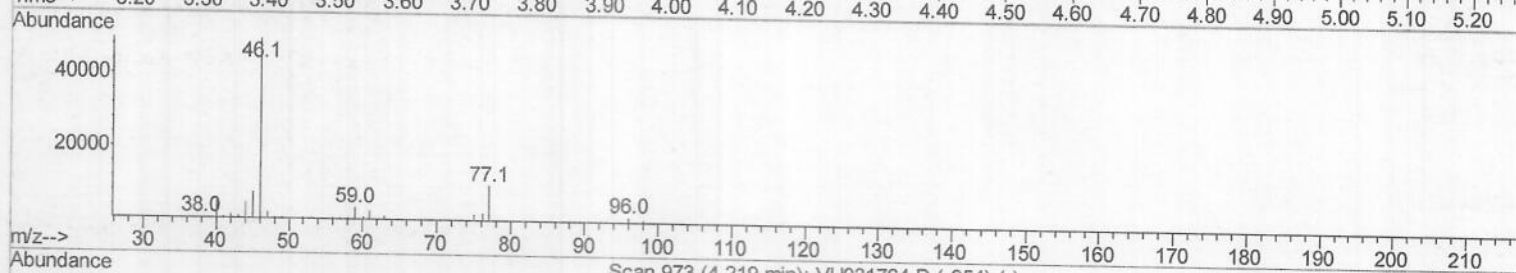
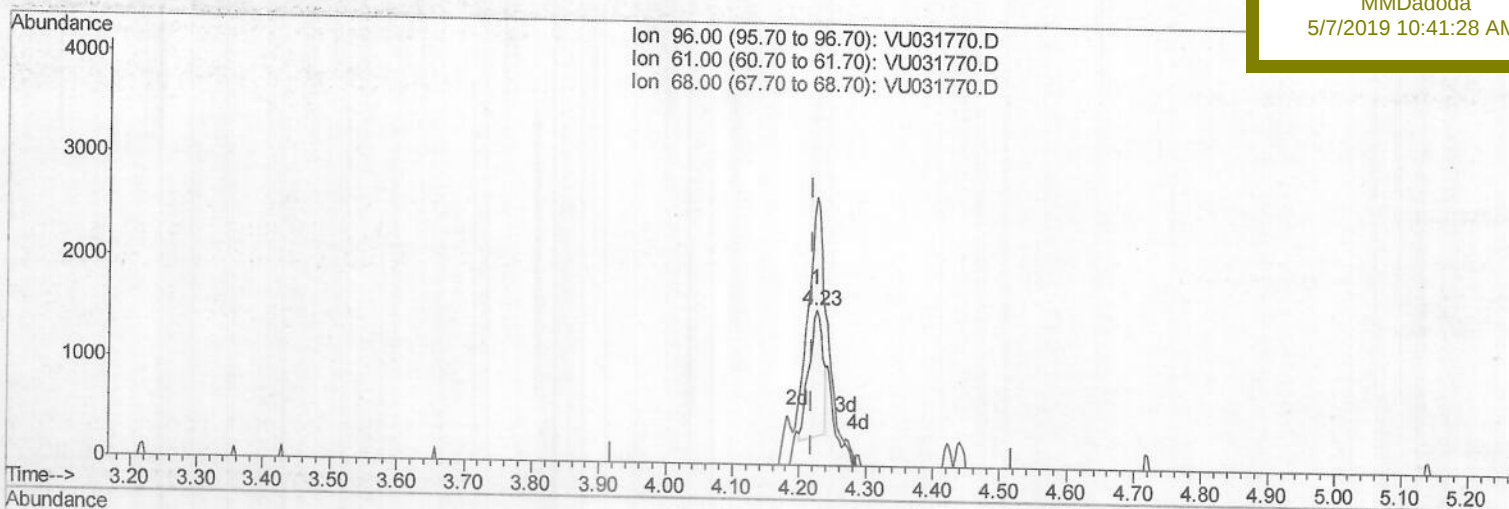
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5/7/2019 10:41:28 AM



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

4.225min (+0.007) 0.29ug/L

response 1797

Ion	Exp%	Act%
96.00	100	100
61.00	142.10	171.73
68.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

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Quant Title : VOC Analysis

QLast Update : Tue May 07 08:38:32 2019

Response via : Initial Calibration

Instrument :

MSVOA_U

ClientSampleId :

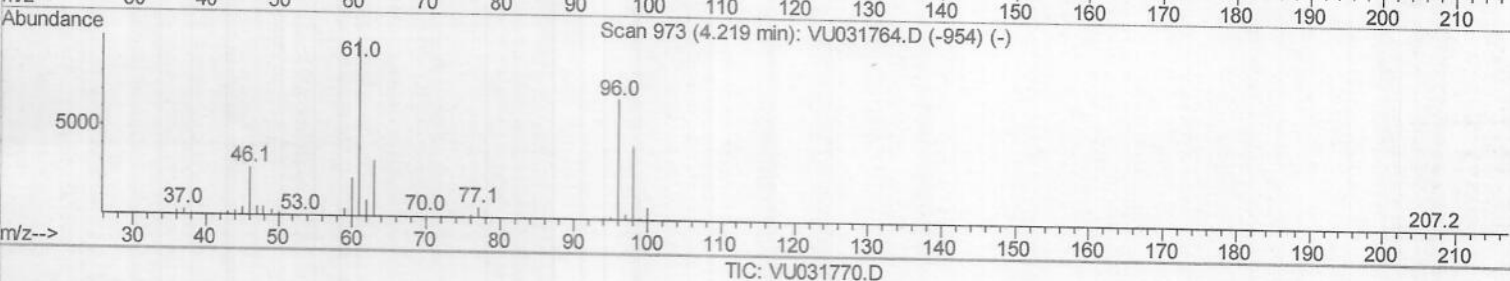
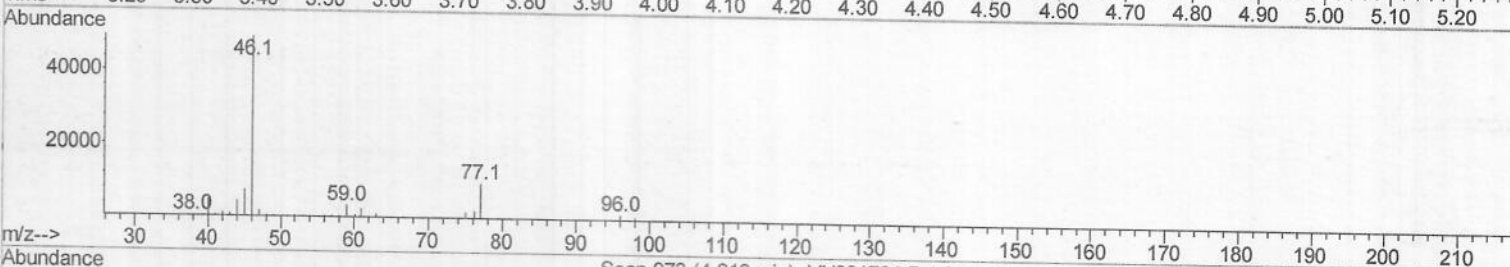
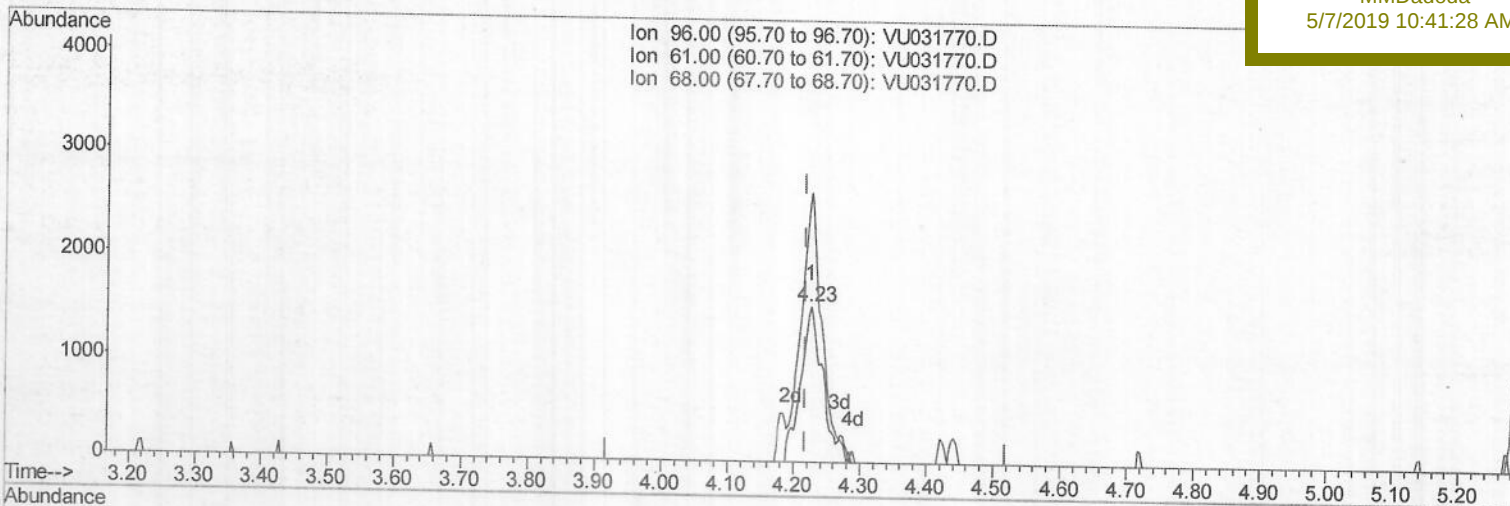
BFHG0

Manual Integrations

APPROVED

MMDadoda

5/7/2019 10:41:28 AM



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

4.225min (+0.007) 0.60ug/L m

response 3646

Ion	Exp%	Act%
96.00	100	100
61.00	142.10	171.73
68.00	0.00	0.00
0.00	0.00	0.00

M.D
05/21/19

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU050619\
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 Operator : JC/SP
 Sample : K2694-01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFHG0

Quant Time: May 07 09:09:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue May 07 08:38:32 2019
 Response via : Initial Calibration

Manual Integrations
 APPROVED

MMDadoda
 5/7/2019 10:41:28 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	701626	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	689454	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	254273	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	300615	51.19	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	102.38%		
7) Chloroethane-d5	1.68	69	238535	52.57	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	105.14%		
11) 1,1-Dichloroethene-d2	2.27	63	445047	38.06	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	76.12%		
21) 2-Butanone-d5	4.18	46	662899	124.60	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	124.60%		
24) Chloroform-d	4.64	84	552387	51.36	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	102.72%		
26) 1,2-Dichloroethane-d4	5.31	65	385957	54.93	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	109.86%		
32) Benzene-d6	5.34	84	1062561	50.19	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	100.38%		
36) 1,2-Dichloropropane-d6	6.32	67	389455	52.29	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	104.58%		
41) Toluene-d8	7.56	98	841556	45.64	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	91.28%		
43) trans-1,3-Dichloropropene-	7.85	79	157668	49.31	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	98.62%		
47) 2-Hexanone-d5	8.31	63	372176	115.44	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	115.44%		
57) 1,1,2,2-Tetrachloroethane-	10.43	84	515675	51.59	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	103.18%		
64) 1,2-Dichlorobenzene-d4	11.86	152	276112	51.63	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	103.26%		

Target Compounds

				Ovalue	
13) Acetone	2.34	43	10317	1.722 ug/L	84
20) cis-1,2-Dichloroethene	4.23	96	3646m	0.596 ug/L	
34) Trichloroethene	6.19	95	4978	0.810 ug/L	84

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

M.D
 05/21/19