

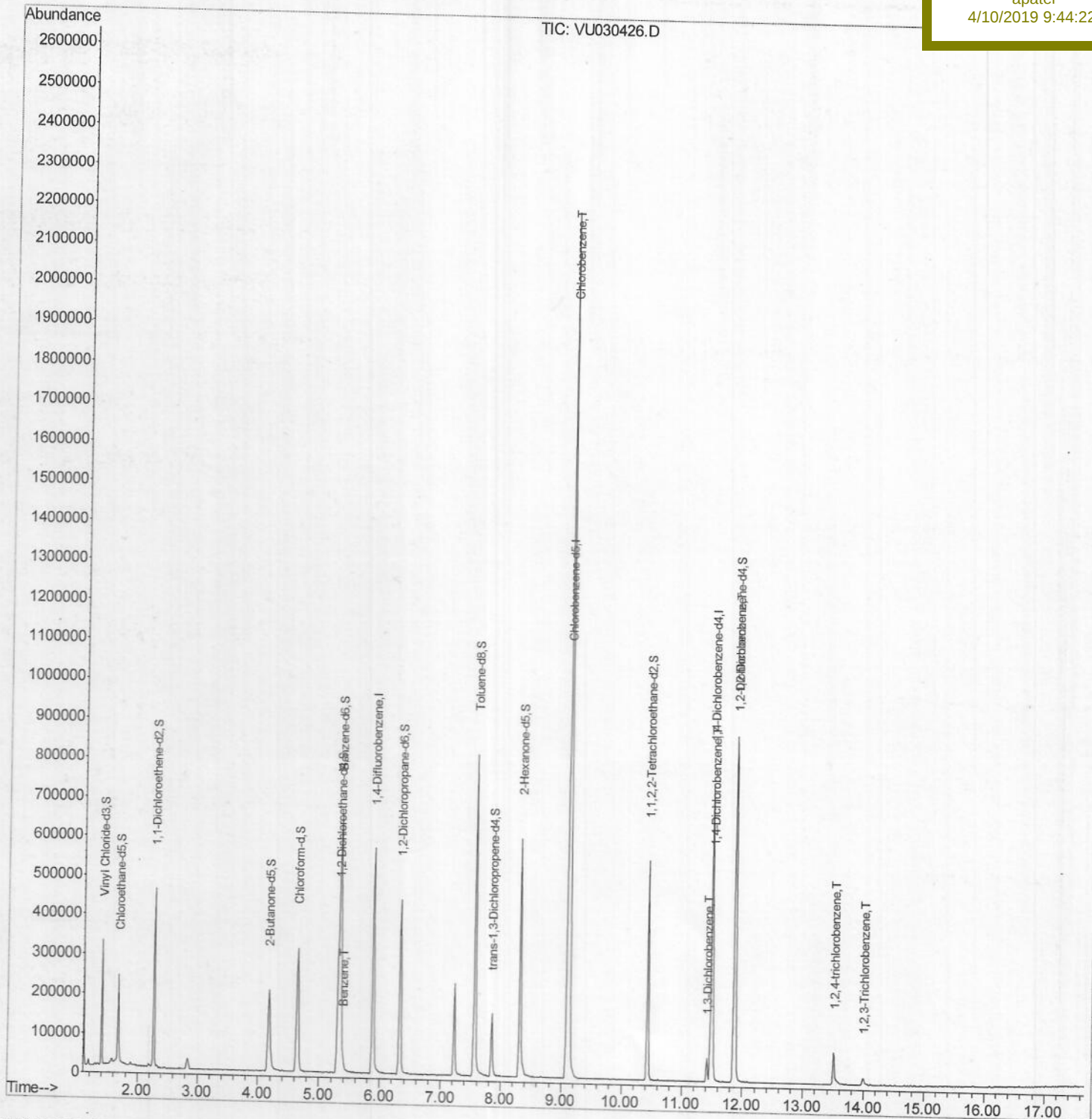
Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU032519\
 Data File : VU030426.D
 Acq On : 26 Mar 2019 00:37
 Operator : JC/SP
 Sample : K2070-09 20X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Quant Time: Apr 10 09:23:25 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Mar 26 01:25:56 2019
 Response via : Initial Calibration

Instrument :
 MSVOA_U
 ClientSampleId :
 C09D1

Manual Integrations
 APPROVED

apatel
 4/10/2019 9:44:22 AM



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU032519\
Quantitation Report (Qedit)

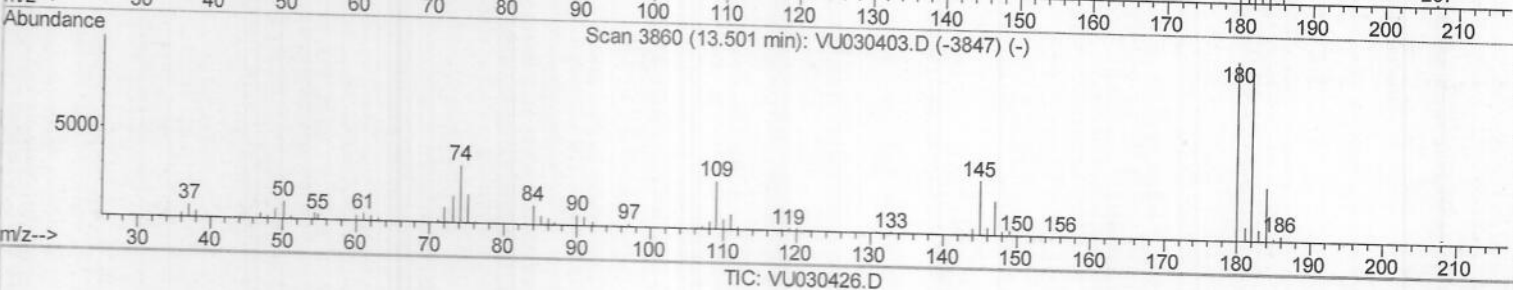
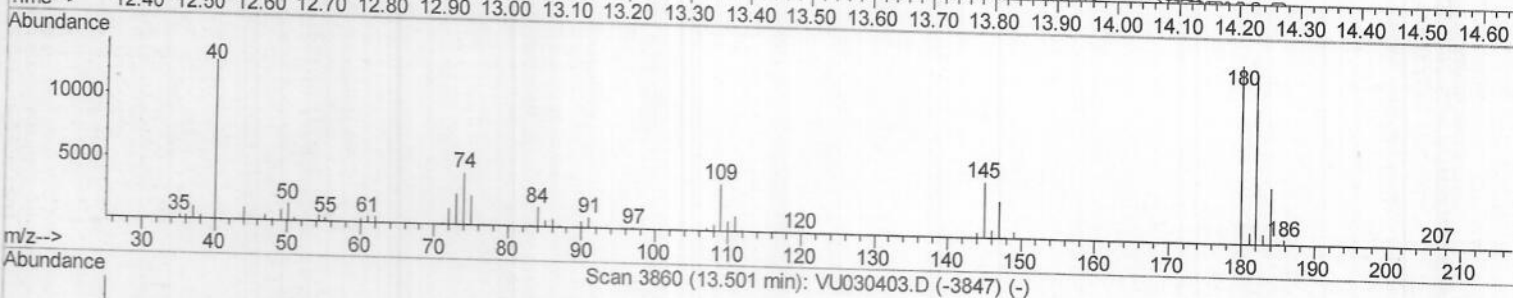
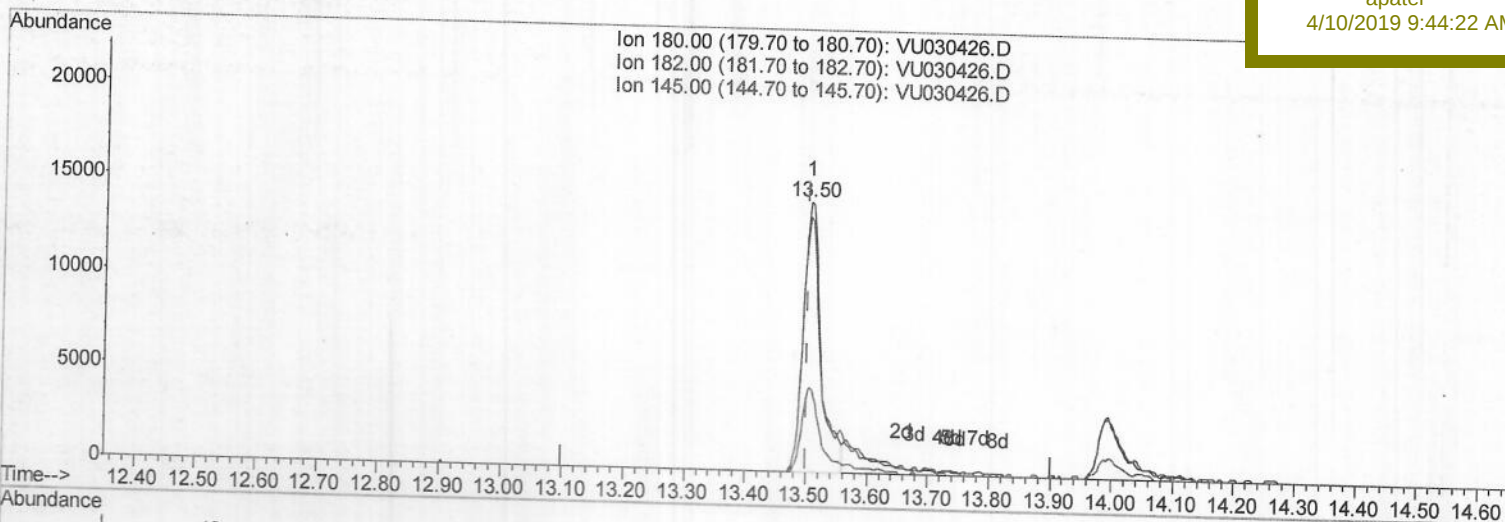
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(68) 1,2,4-trichlorobenzene (T)

13.504min (+0.003) 7.61ug/L

response 29403

Ion	Exp%	Act%
180.00	100	100
182.00	95.10	92.54
145.00	30.60	30.42
0.00	0.00	0.00

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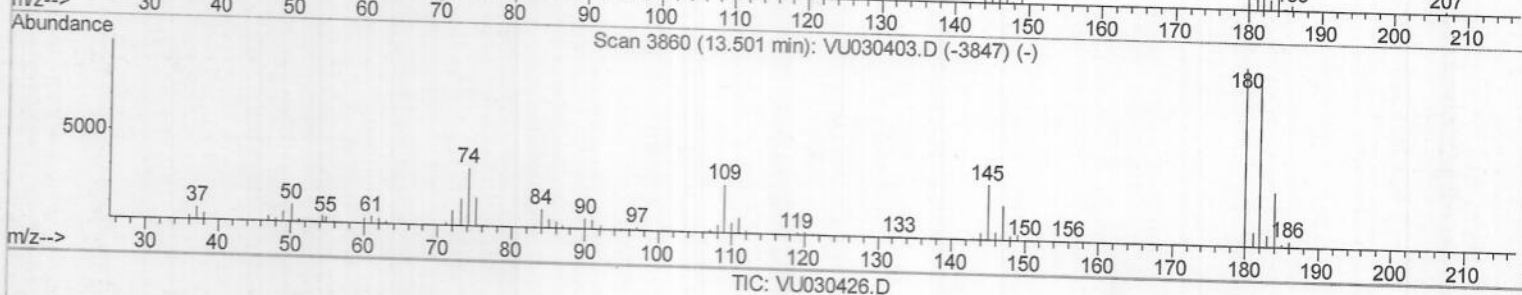
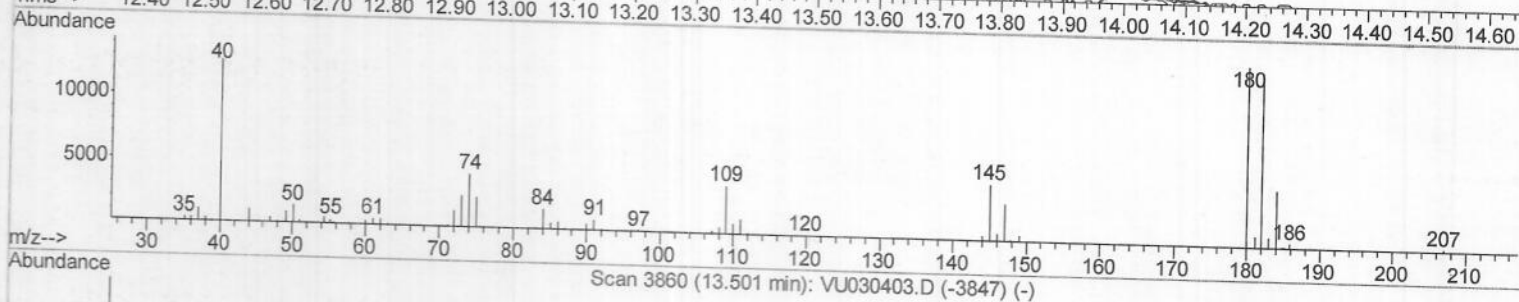
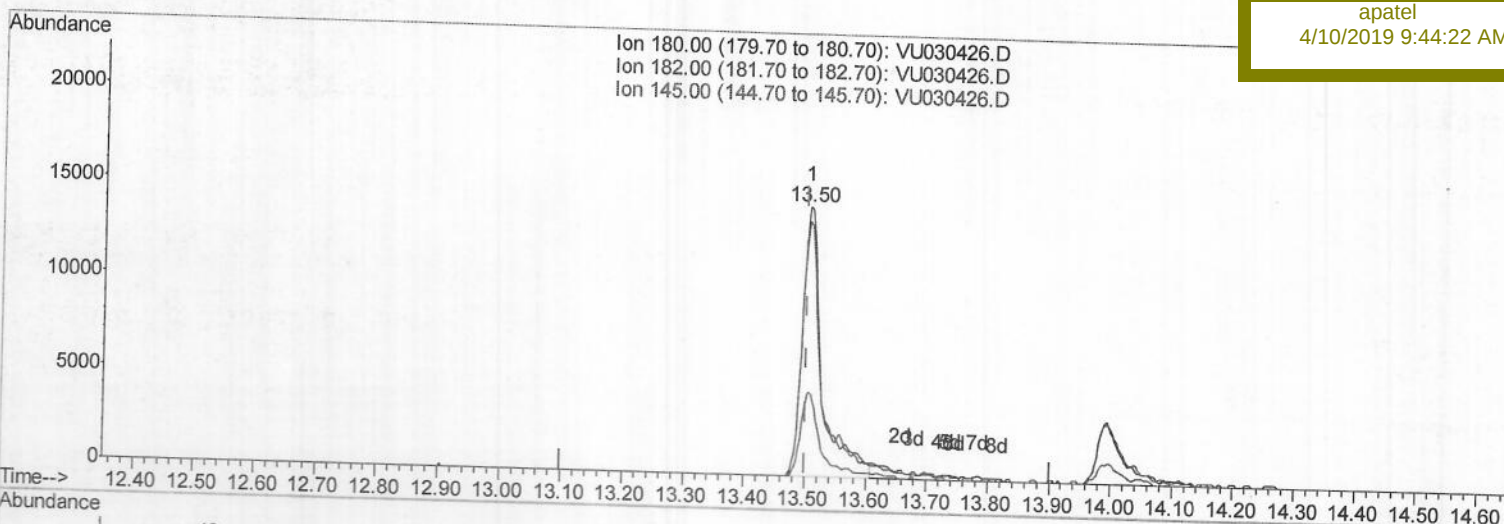
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(68) 1,2,4-trichlorobenzene (T)

13.504min (+0.003) 8.52ug/L m

response 32903

Ion	Exp%	Act%
180.00	100	100
182.00	95.10	82.70
145.00	30.60	27.18
0.00	0.00	0.00

M.D
03/27/19

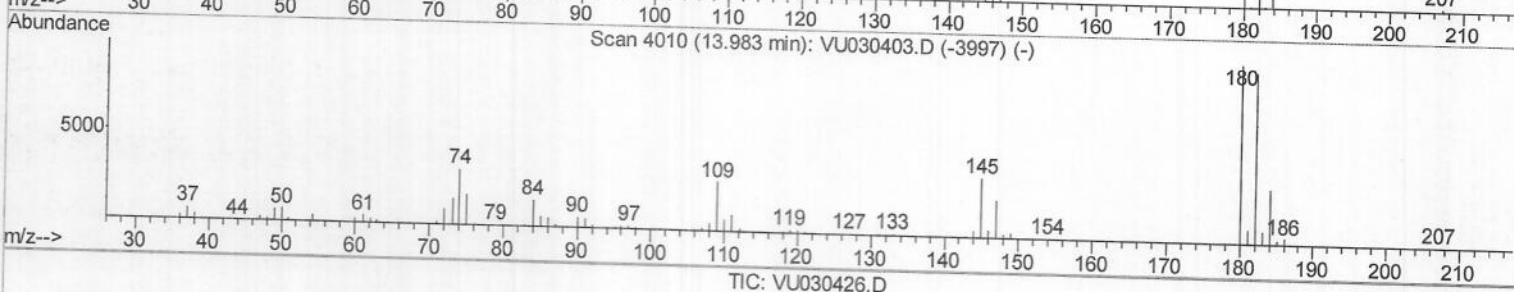
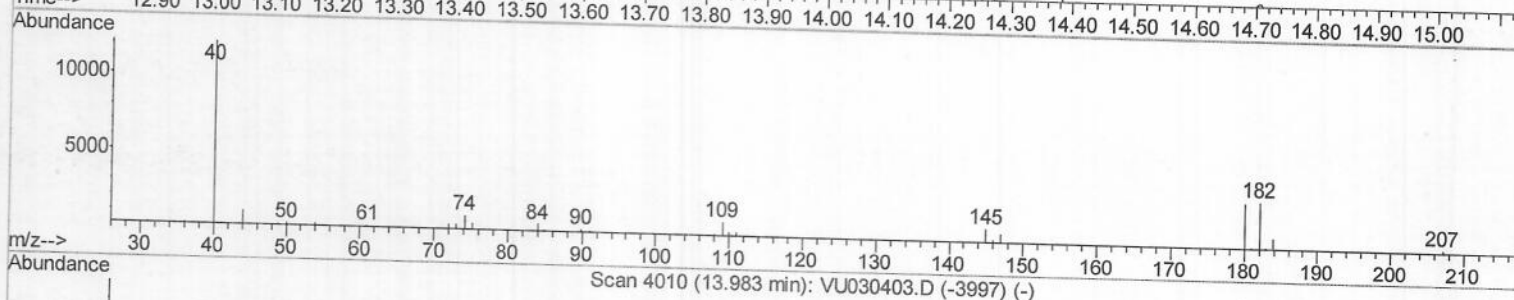
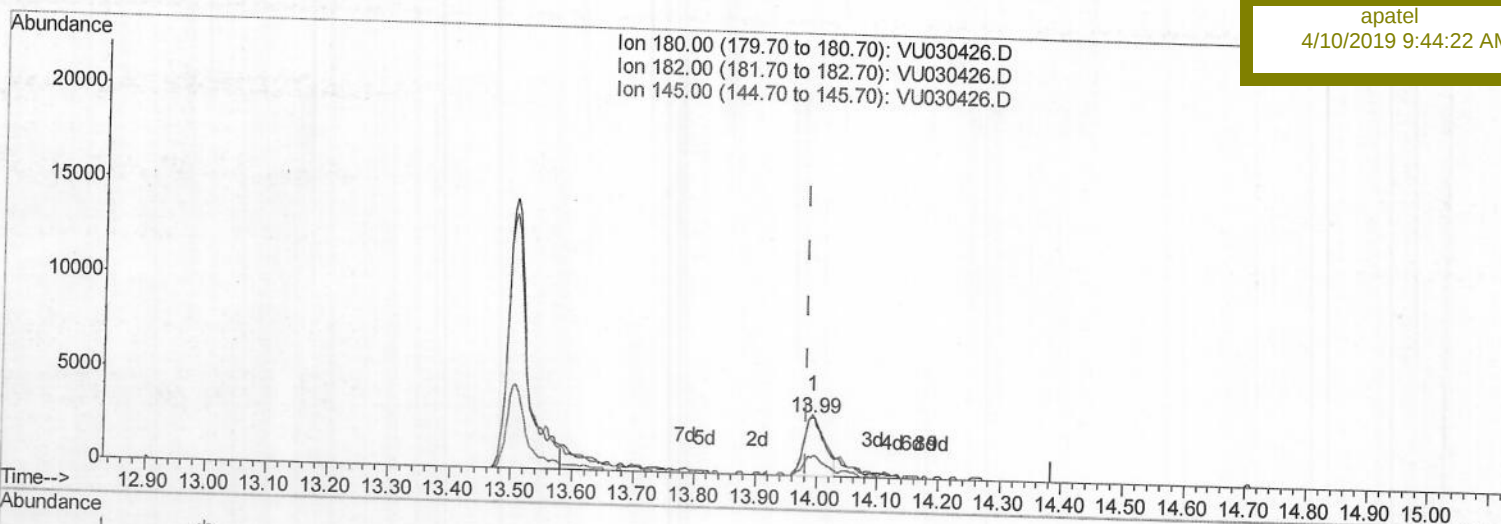
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(70) 1,2,3-Trichlorobenzene (T)

13.993min (+0.010) 1.82ug/L

response 7437

Ion	Exp%	Act%
180.00	100	100
182.00	96.80	105.76
145.00	32.40	13.08#
0.00	0.00	0.00

Quantitation Report (Qedit)

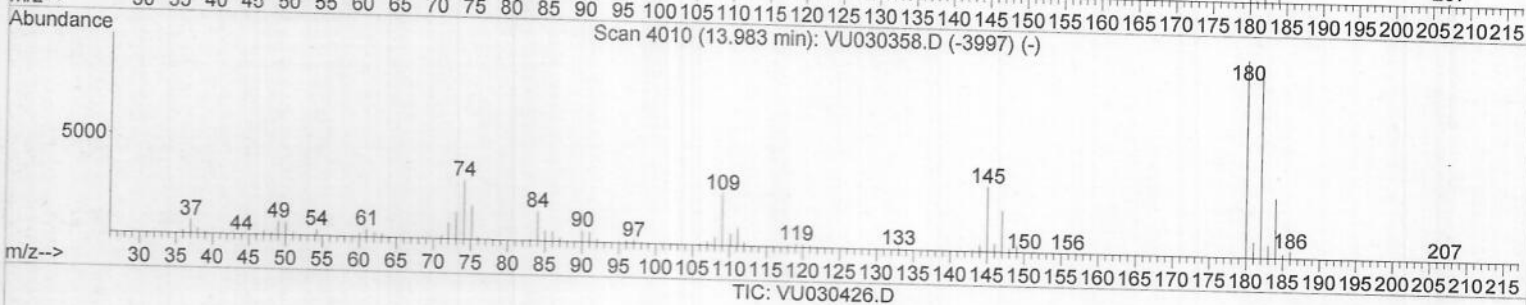
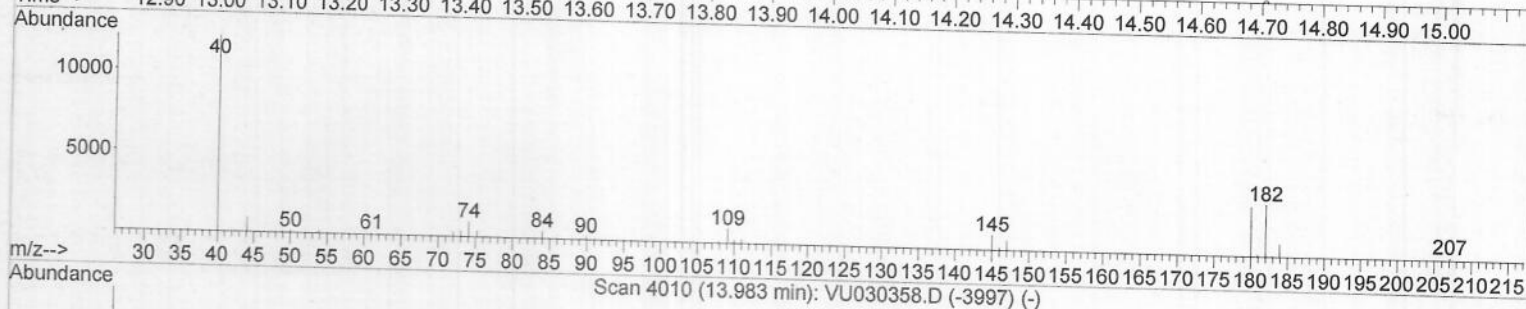
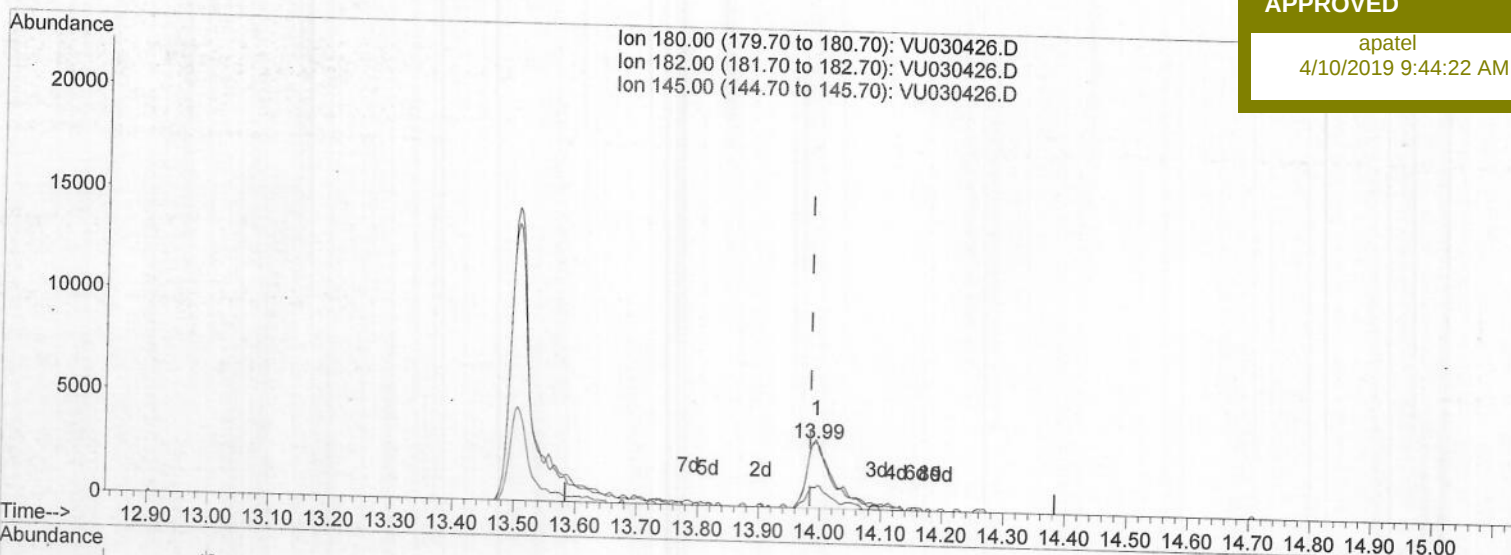
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(70) 1,2,3-Trichlorobenzene (T)

13.993min (+0.010) 2.17ug/L m

response 8854

M.D
3/27/19

Ion	Exp%	Act%
180.00	100	100
182.00	96.80	0.00#
145.00	32.40	0.00#
0.00	0.00	0.00

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-Difluorobenzene	5.88	114	472596	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	449100	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	181650	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	197667	51.97	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	103.94%		
7) Chloroethane-d5	1.67	69	153675	50.98	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	101.96%		
11) 1,1-Dichloroethene-d2	2.27	63	268122	37.16	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	74.32%		
21) 2-Butanone-d5	4.17	46	335484	93.83	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	93.83%		
24) Chloroform-d	4.64	84	307661	46.95	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.90%		
26) 1,2-Dichloroethane-d4	5.31	65	208197	48.55	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	97.10%		
32) Benzene-d6	5.34	84	640251	49.71	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	99.42%		
36) 1,2-Dichloropropane-d6	6.33	67	224305	50.90	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	101.80%		
41) Toluene-d8	7.56	98	542967	46.94	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	93.88%		
43) trans-1,3-Dichloropropene-	7.85	79	90066	43.47	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	86.94%		
47) 2-Hexanone-d5	8.31	63	210875	88.31	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	88.31%		
57) 1,1,2,2-Tetrachloroethane-	10.43	84	289461	45.91	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	91.82%		
64) 1,2-Dichlorobenzene-d4	11.86	152	185766	51.04	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	102.08%		
Target Compounds						
33) Benzene	5.39	78	36007	2.355	ug/L	100
51) Chlorobenzene	9.12	112	1114790	115.932	ug/L	98
62) 1,3-Dichlorobenzene	11.42	146	23892	4.022	ug/L	97
63) 1,4-Dichlorobenzene	11.50	146	114348	18.698	ug/L	98
65) 1,2-Dichlorobenzene	11.88	146	221892	36.941	ug/L	100
68) 1,2,4-trichlorobenzene	13.50	180	32903m	8.515	ug/L	
70) 1,2,3-Trichlorobenzene	13.99	180	8854m	2.170	ug/L	

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

m.p
 3/27/14