

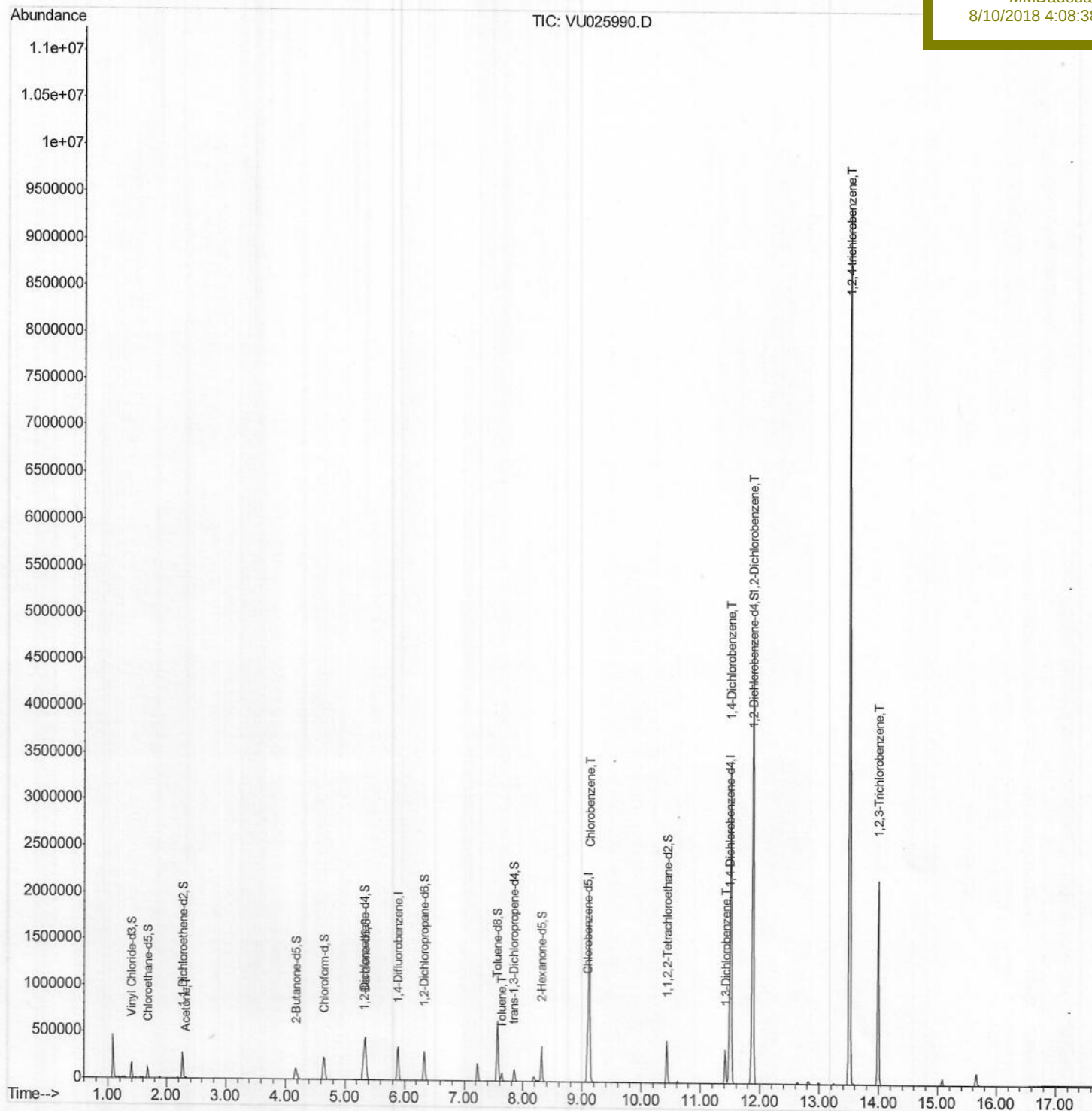
Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU080918\
Data File : VU025990.D
Acq On : 09 Aug 2018 12:45
Operator : MD/SY
Sample : J4361-03 10X
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Aug 21 17:02:44 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080918WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Aug 10 05:14:50 2018
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
A4ZB2

Manual Integrations
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8/10/2018 4:08:38 PM



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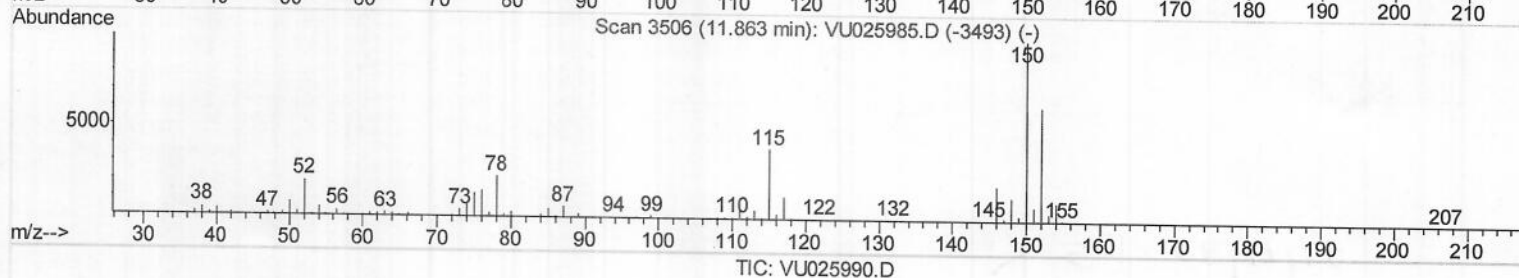
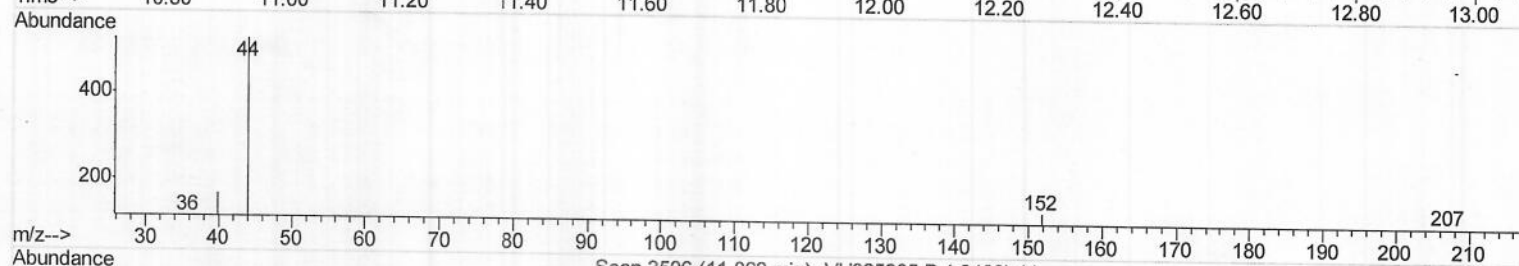
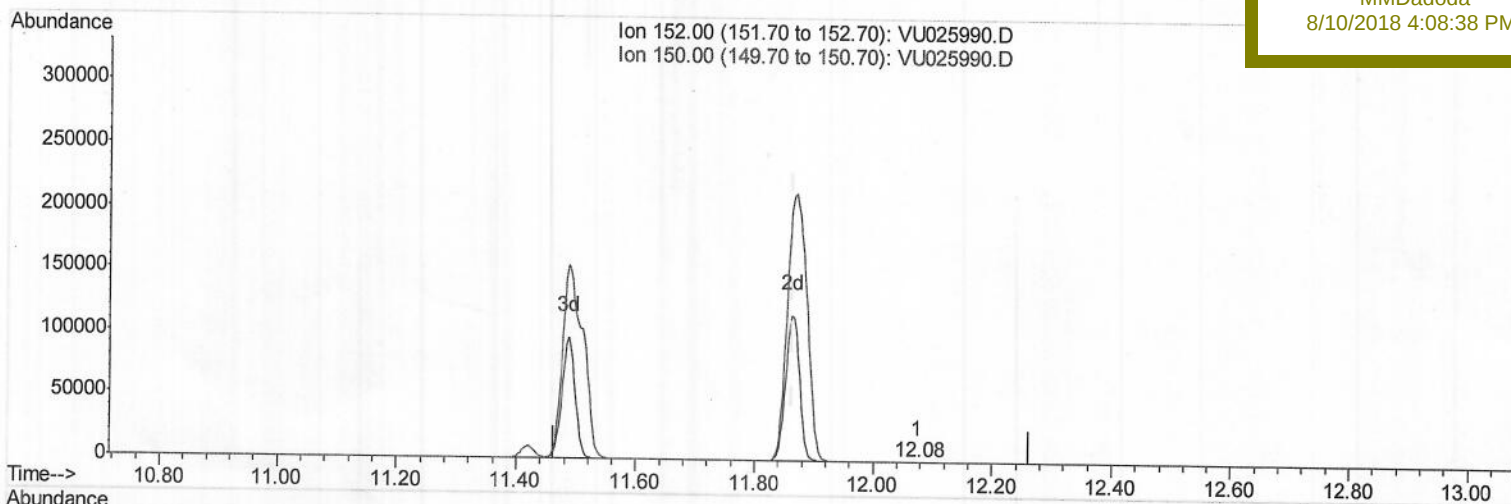
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(64) 1,2-Dichlorobenzene-d4 (S)

12.075min (+0.212) 0.01ug/L

response 53

Ion	Exp%	Act%
152.00	100	100
150.00	169.10	169.81
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

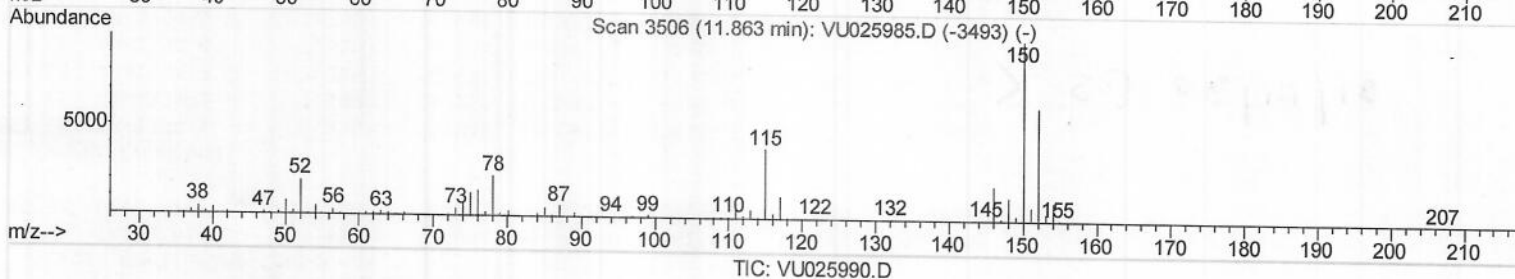
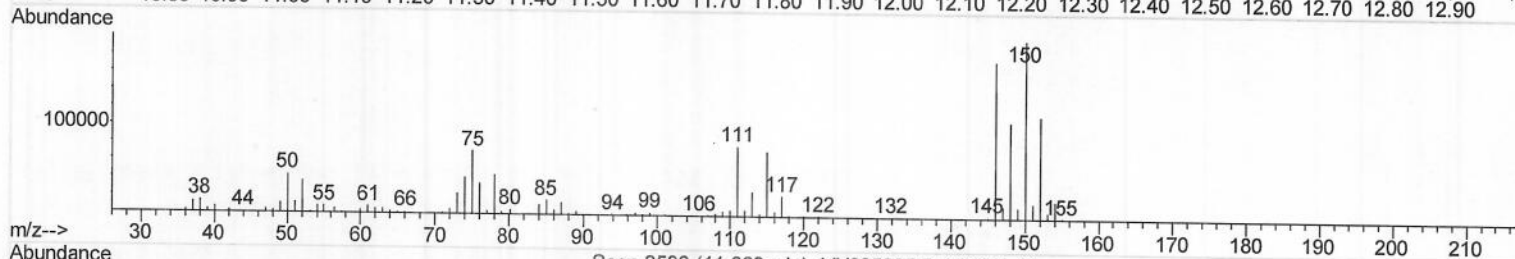
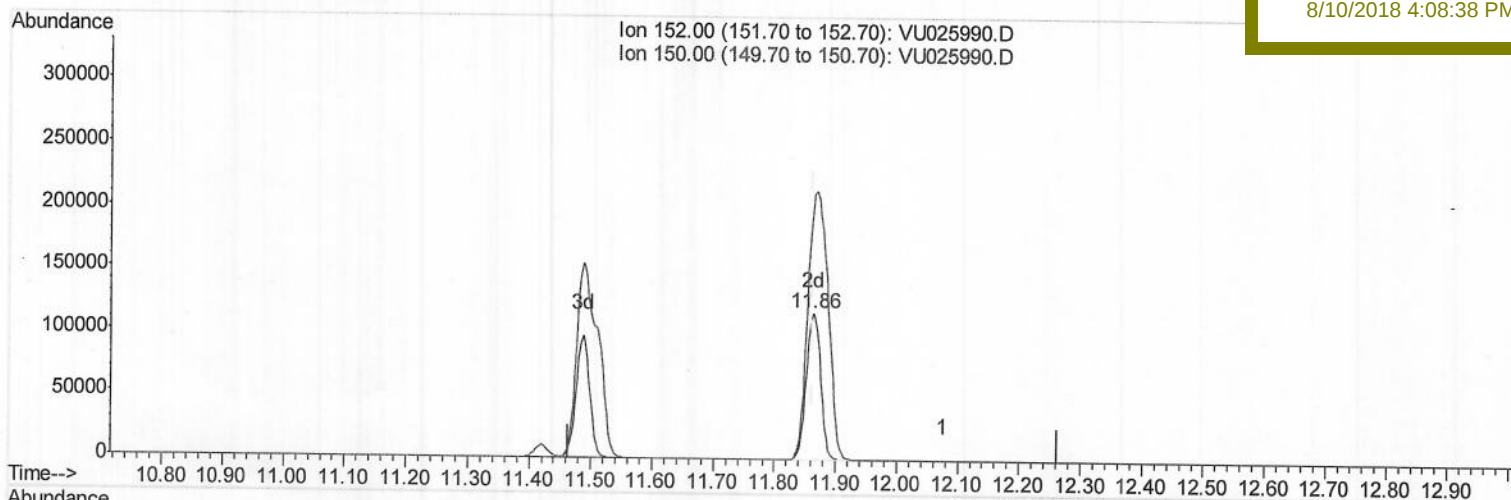
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Manual Integrations
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(64) 1,2-Dichlorobenzene-d4 (S)

11.863min (-0.001) 52.16ug/L m > 08/18/18 M.D

response 188025

Ion	Exp%	Act%
152.00	100	100
150.00	169.10	0.05#
0.00	0.00	0.00
0.00	0.00	0.00

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Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	300060	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	287553	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	146242	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	104380	47.59	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	95.18%		
7) Chloroethane-d5	1.68	69	88442	50.86	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	101.72%		
11) 1,1-Dichloroethene-d2	2.27	63	157385	37.76	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	75.52%		
21) 2-Butanone-d5	4.18	46	177163	96.92	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	96.92%		
24) Chloroform-d	4.65	84	230787	49.62	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	99.24%		
26) 1,2-Dichloroethane-d4	5.31	65	159765	50.85	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	101.70%		
32) Benzene-d6	5.35	84	454712	50.92	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	101.84%		
36) 1,2-Dichloropropane-d6	6.33	67	145450	50.34	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	100.68%		
41) Toluene-d8	7.57	98	424025	49.64	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	99.28%		
43) trans-1,3-Dichloropropene-	7.85	79	74351	51.08	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	102.16%		
47) 2-Hexanone-d5	8.31	63	128991	98.30	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	98.30%		
57) 1,1,2,2-Tetrachloroethane-	10.44	84	204686	48.45	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	96.90%		
64) 1,2-Dichlorobenzene-d4	11.86	152	188025m	52.16	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	104.32%		

08/18/18 m.d

Target Compounds

					Ovalue
13) Acetone	2.32	43	9422	8.30 ug/L	98
42) Toluene	7.64	91	60105	6.91 ug/L	99
51) Chlorobenzene	9.12	112	1080903	184.41 ug/L	99
62) 1,3-Dichlorobenzene	11.42	146	143436	31.51 ug/L	97
63) 1,4-Dichlorobenzene	11.51	146	1341448	281.07 ug/L	99
65) 1,2-Dichlorobenzene	11.88	146	1836228	378.91 ug/L	99
68) 1,2,4-trichlorobenzene	13.51	180	2842332	987.79 ug/L	99
70) 1,2,3-Trichlorobenzene	13.99	180	672304	217.38 ug/L	99

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