

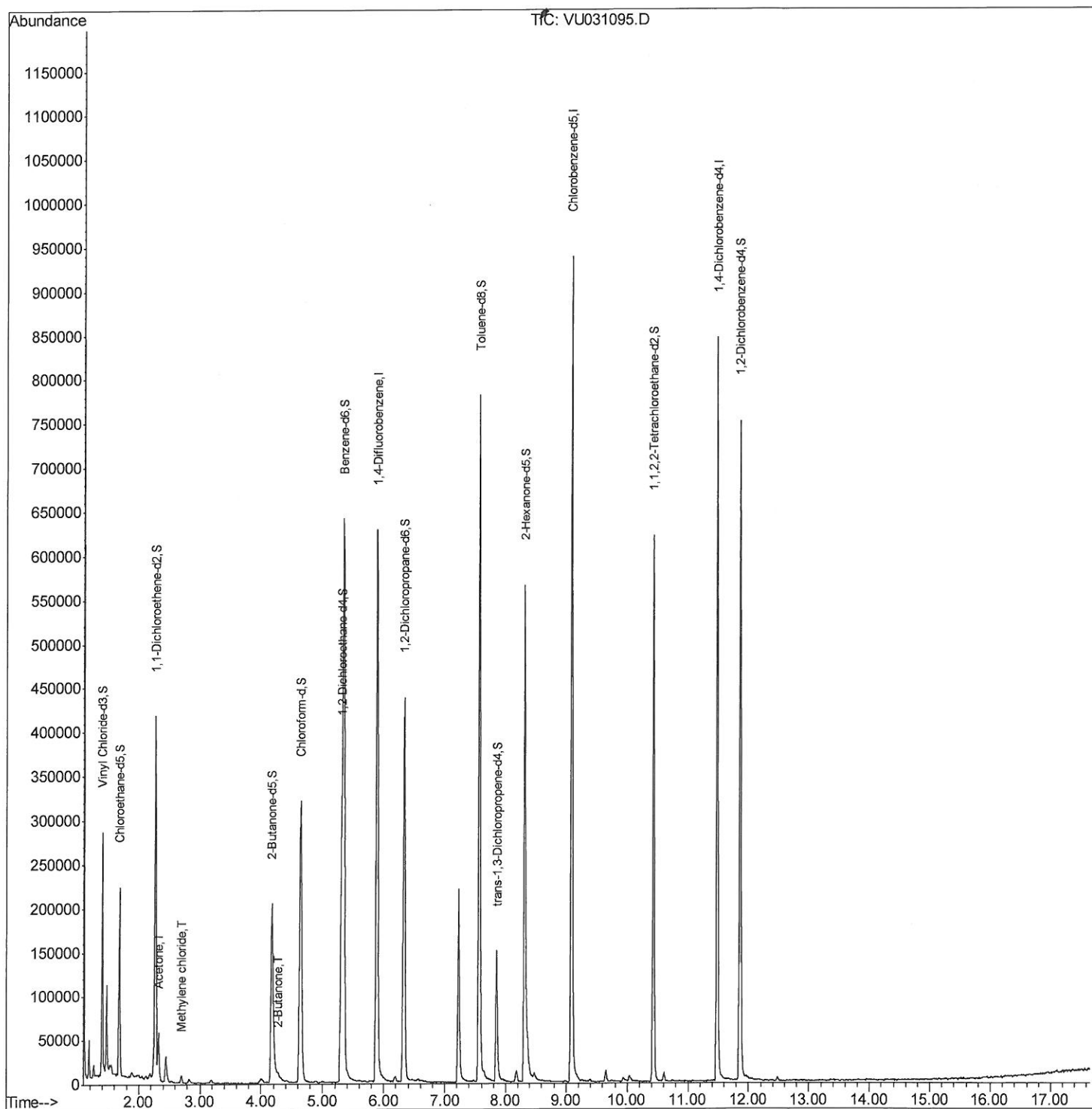
Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041119\
Data File : VU031095.D
Acq On : 12 Apr 2019 01:46
Operator : JC/SP
Sample : K2339-01
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 87 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFC47

Manual Integrations
APPROVED

MMDadoda
4/12/2019 5:46:23 PM

Quant Time: Apr 12 07:38:58 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Apr 12 07:24:02 2019
Response via : Initial Calibration



Quantitation Report (Qedit)

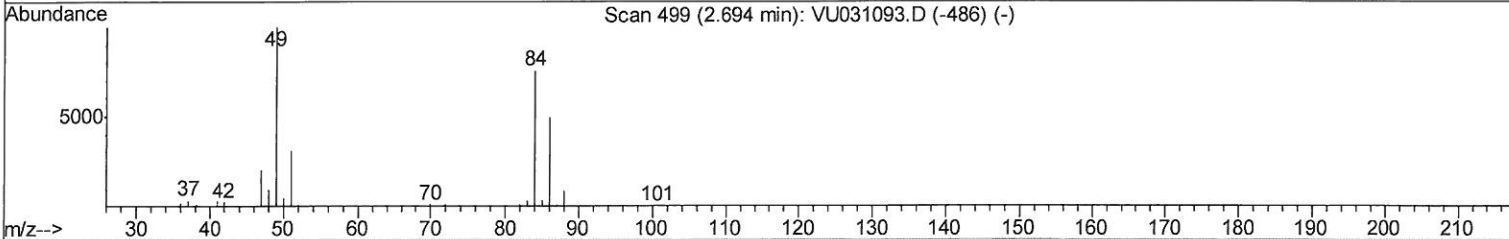
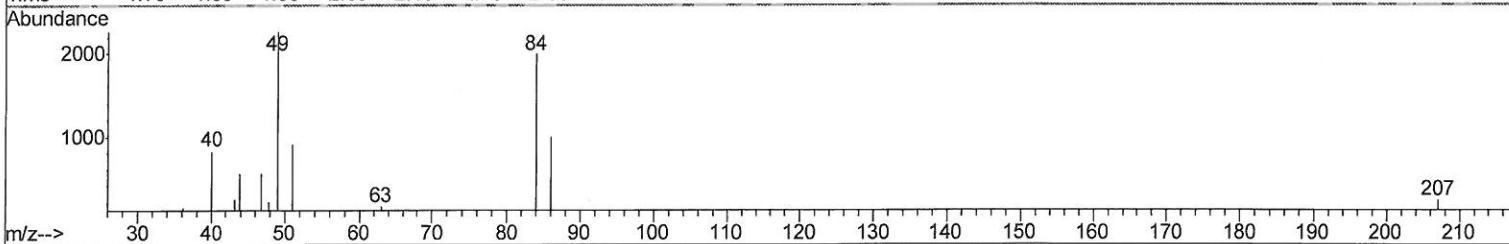
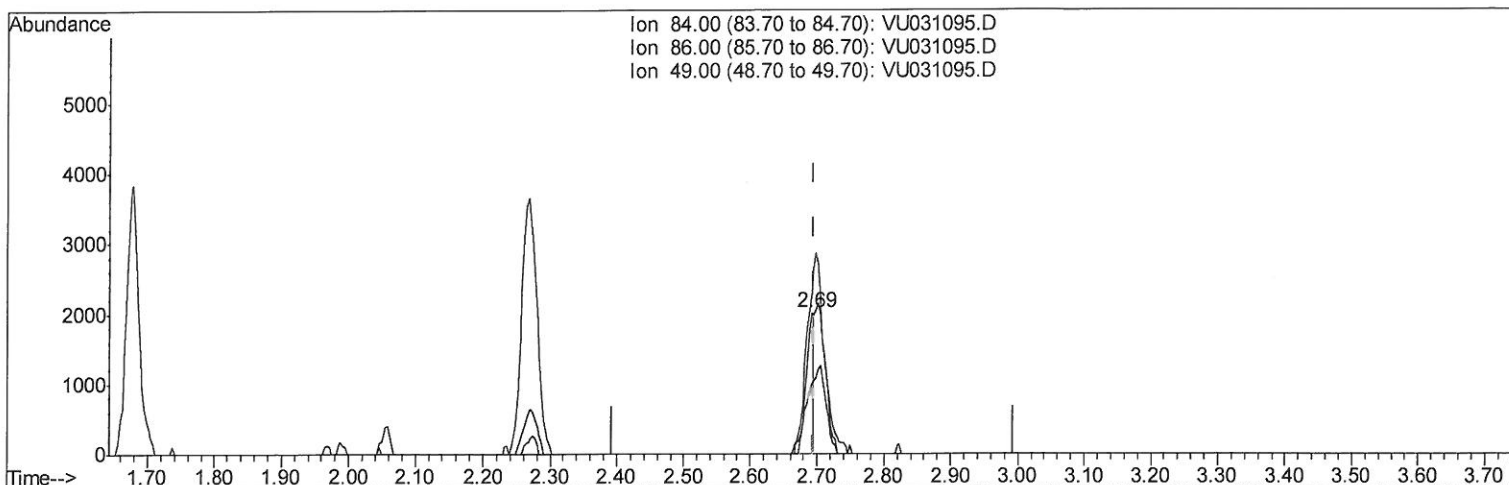
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TIC: VU031095.D

(16) Methylene chloride (T)

2.691min (-0.003) 0.39ug/L

response 1713

Ion	Exp%	Act%
84.00	100	100
86.00	64.40	49.43
49.00	137.80	112.92
0.00	0.00	0.00

Quantitation Report (Qedit)

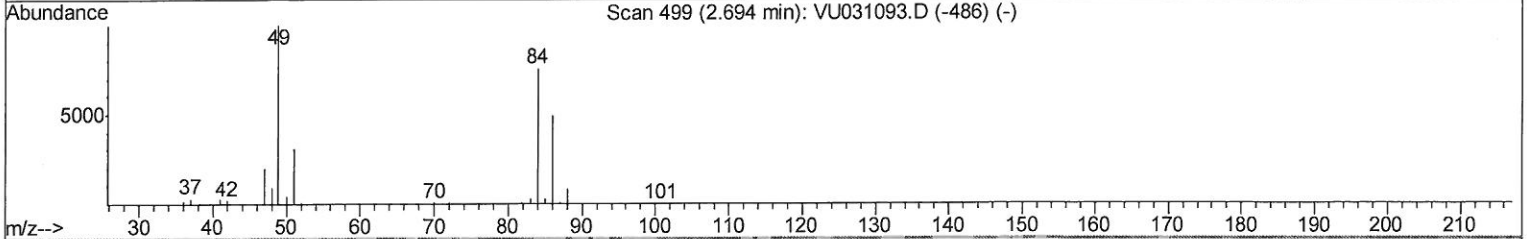
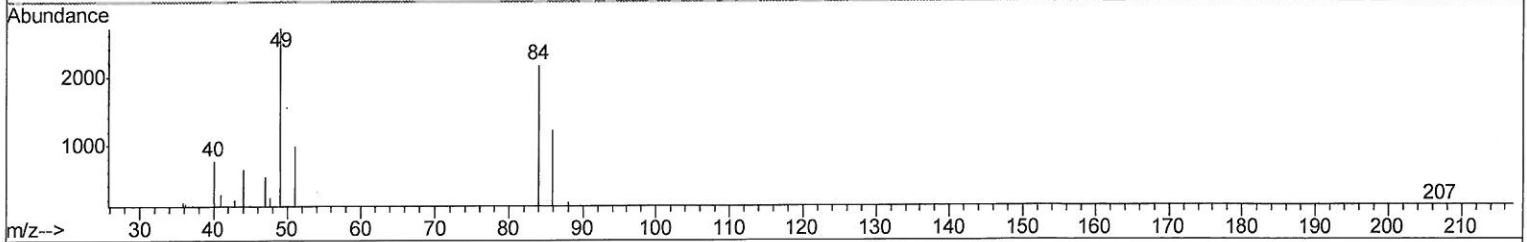
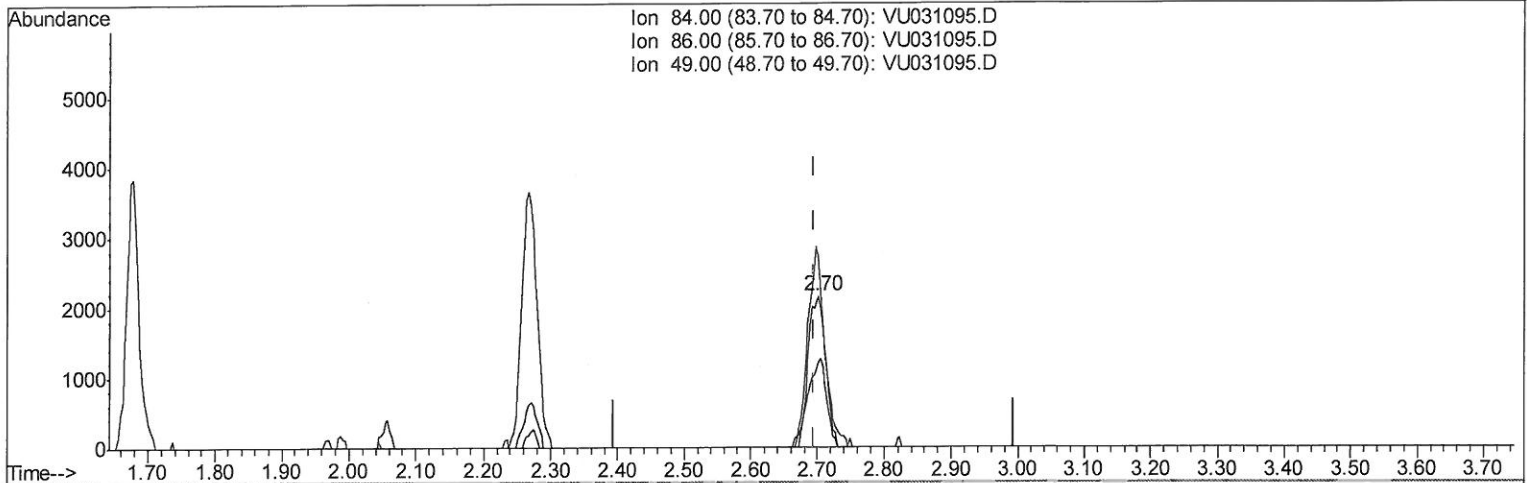
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TIC: VU031095.D

(16) Methylene chloride (T)

2.701min (+0.007) 0.92ug/L m

response 4028

Ion	Exp%	Act%
84.00	100	100
86.00	64.40	55.68
49.00	137.80	125.50
0.00	0.00	0.00

Handwritten: 2/11/19

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Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	522886	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	515531	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	220334	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	171400	36.72	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	73.44%		
7) Chloroethane-d5	1.68	69	149199	42.12	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	84.24%		
11) 1,1-Dichloroethene-d2	2.27	63	244336	28.94	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	57.88%#		
21) 2-Butanone-d5	4.17	46	348232	94.13	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	94.13%		
24) Chloroform-d	4.64	84	322728	45.26	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.52%		
26) 1,2-Dichloroethane-d4	5.30	65	222899	45.81	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.62%		
32) Benzene-d6	5.33	84	628391	41.75	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	83.50%		
36) 1,2-Dichloropropane-d6	6.32	67	222083	43.06	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	86.12%		
41) Toluene-d8	7.56	98	525743	39.41	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	78.82%#		
43) trans-1,3-Dichloropropene-	7.85	79	90782	38.60	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	77.20%		
47) 2-Hexanone-d5	8.31	63	189534	80.40	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	80.40%		
57) 1,1,2,2-Tetrachloroethane-	10.43	84	315046	45.28	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	90.56%		
64) 1,2-Dichlorobenzene-d4	11.86	152	203961	47.07	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	94.14%		

Target Compounds

					Ovalue
13) Acetone	2.32	43	55105	14.557 ug/L	99
16) Methylene chloride	2.70	84	4028m	0.917 ug/L	83
22) 2-Butanone	4.28	43	16409	3.697 ug/L	83

MD
 4/13/19

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