

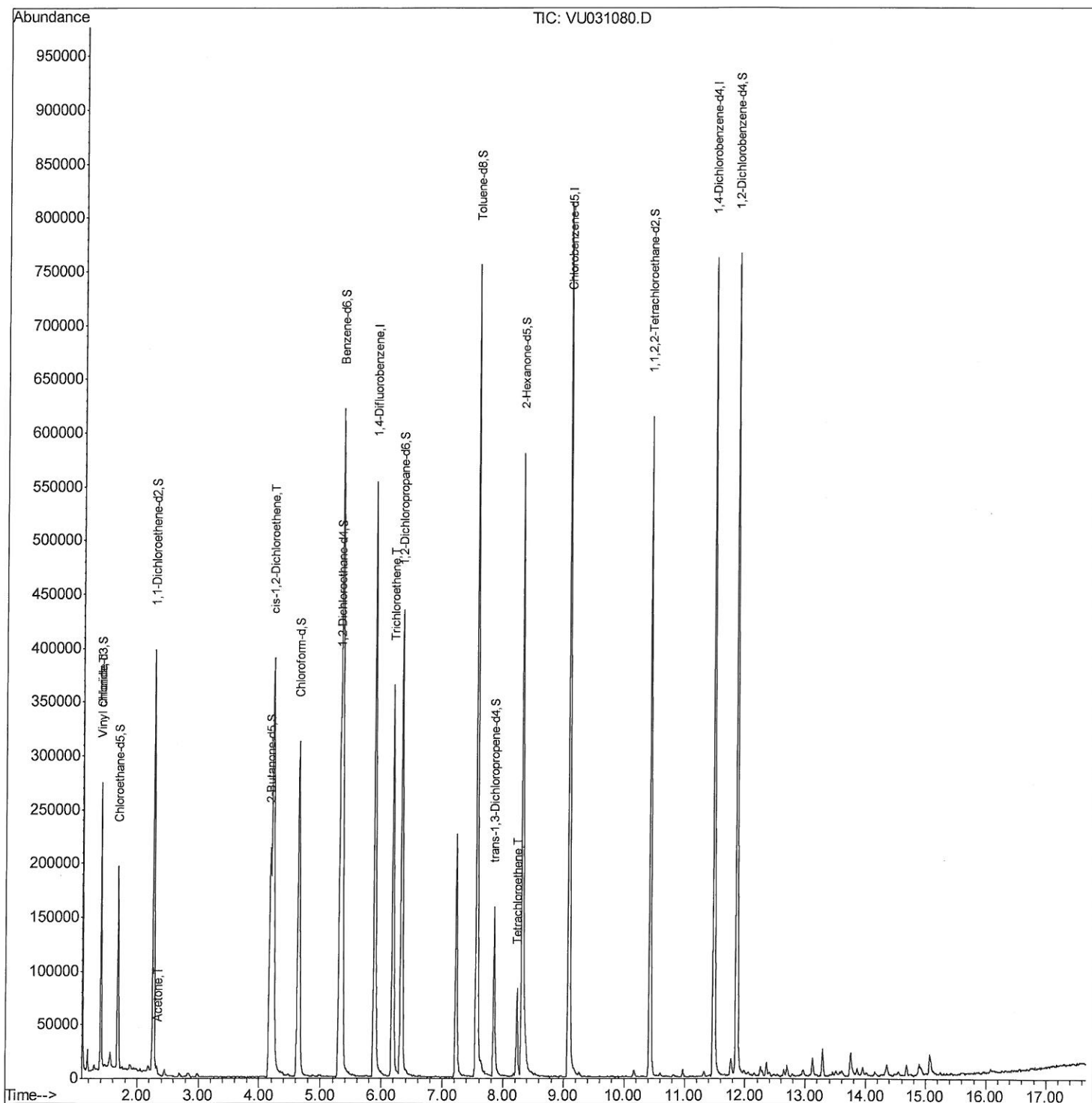
Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041119\
Data File : VU031080.D
Acq On : 11 Apr 2019 19:40
Operator : JC/SP
Sample : K2299-22DL 5X
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 71 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DB6Z8DL

Manual Integrations
APPROVED

MMDadoda
4/12/2019 5:45:23 PM

Quant Time: Apr 12 06:36:33 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Apr 12 04:43:47 2019
Response via : Initial Calibration



Quantitation Report (Qedit)

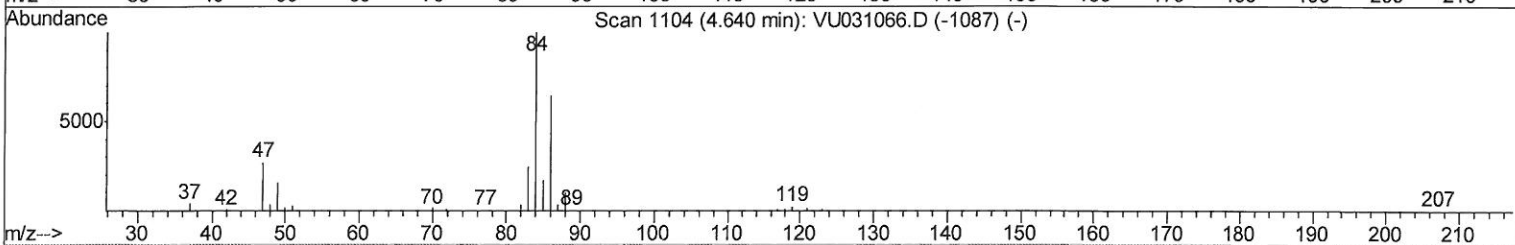
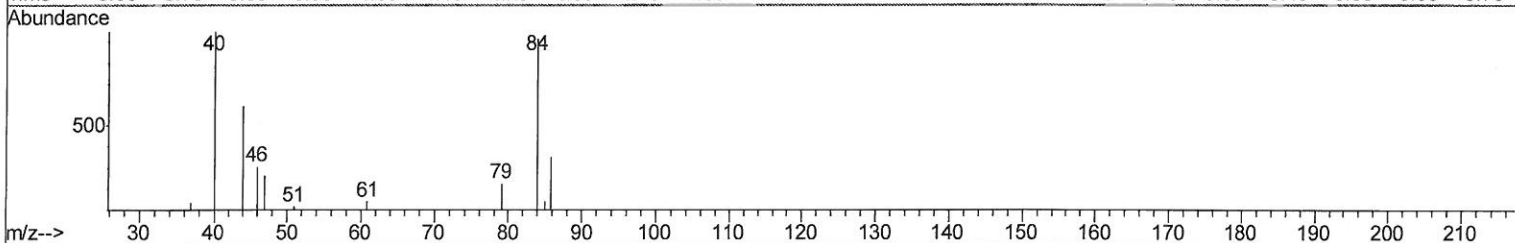
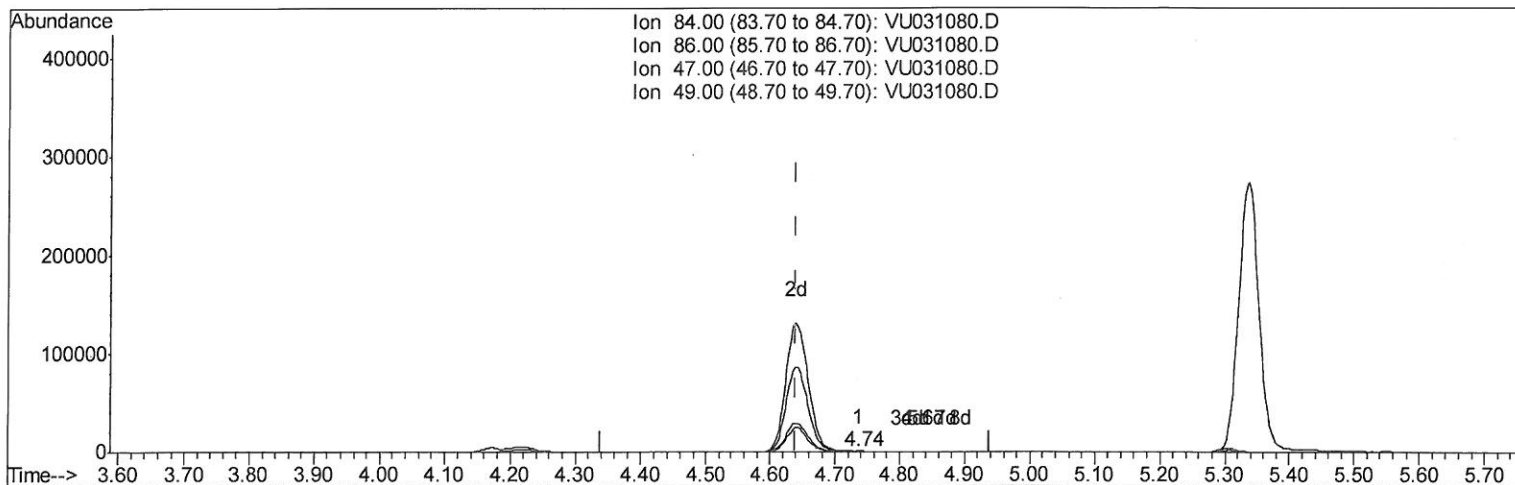
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TIC: VU031080.D

(24) Chloroform-d (S)

4.736min (+0.096) 0.03ug/L

response 171

Ion	Exp%	Act%
84.00	100	100
86.00	62.90	61.99
47.00	47.00	49.12
49.00	26.80	28.65

Quantitation Report (Qedit)

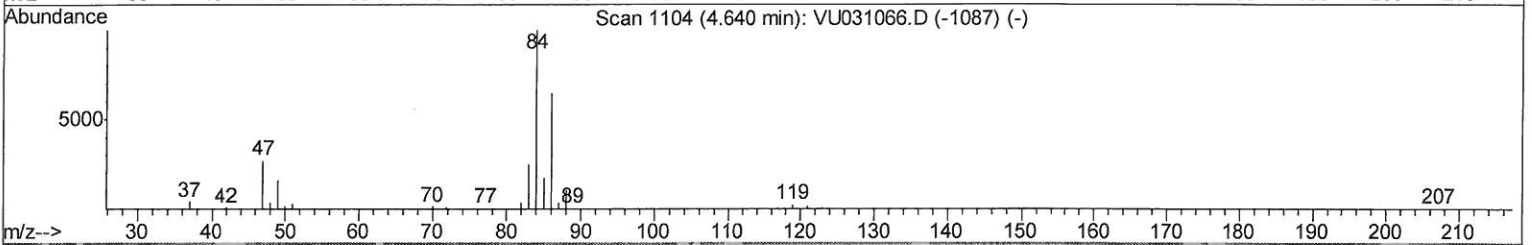
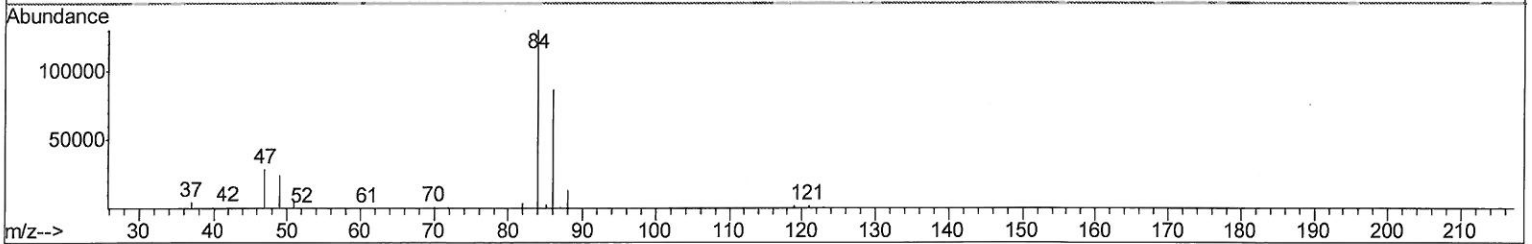
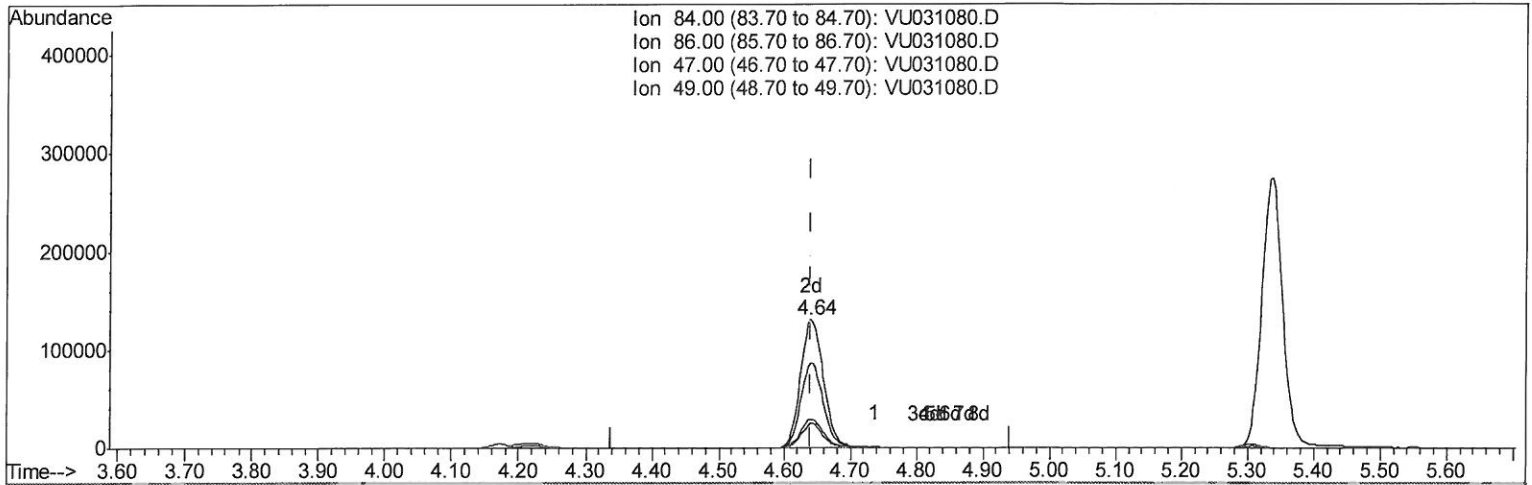
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Manual Integrations
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 Response via : Initial Calibration



TIC: VU031080.D

(24) Chloroform-d (S)

4.640min (-0.000) 49.88ug/L m

response 313248

Ion	Exp%	Act%
84.00	100	100
86.00	62.90	0.03#
47.00	47.00	0.03#
49.00	26.80	0.02#

> MD
 4/13/19

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Manual Integrations
 APPROVED

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	460557	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	445720	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	199987	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	165254	40.20	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	80.40%
7) Chloroethane-d5	1.68	69	138171	44.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.56%
11) 1,1-Dichloroethene-d2	2.27	63	235290	31.64	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.28%
21) 2-Butanone-d5	4.17	46	345965	106.18	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.18%
24) Chloroform-d	4.64	84	313248m	49.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.76%
26) 1,2-Dichloroethane-d4	5.30	65	221585	51.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.42%
32) Benzene-d6	5.34	84	604659	46.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.94%
36) 1,2-Dichloropropane-d6	6.32	67	217806	48.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.68%
41) Toluene-d8	7.56	98	514168	44.58	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.16%
43) trans-1,3-Dichloropropene-	7.85	79	93516	45.99	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.98%
47) 2-Hexanone-d5	8.31	63	192752	94.58	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.58%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	316290	52.58	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	105.16%
64) 1,2-Dichlorobenzene-d4	11.85	152	214310	54.49	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.98%

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 4/13/19

Target Compounds

					Ovalue
5) Vinyl chloride	1.40	62	5371	1.060 ug/L	# 1
13) Acetone	2.32	43	5074	1.522 ug/L	89
20) cis-1,2-Dichloroethene	4.22	96	206015	55.196 ug/L	91
34) Trichloroethene	6.18	95	132778	37.115 ug/L	94
46) Tetrachloroethene	8.22	164	18404	7.076 ug/L	97

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