

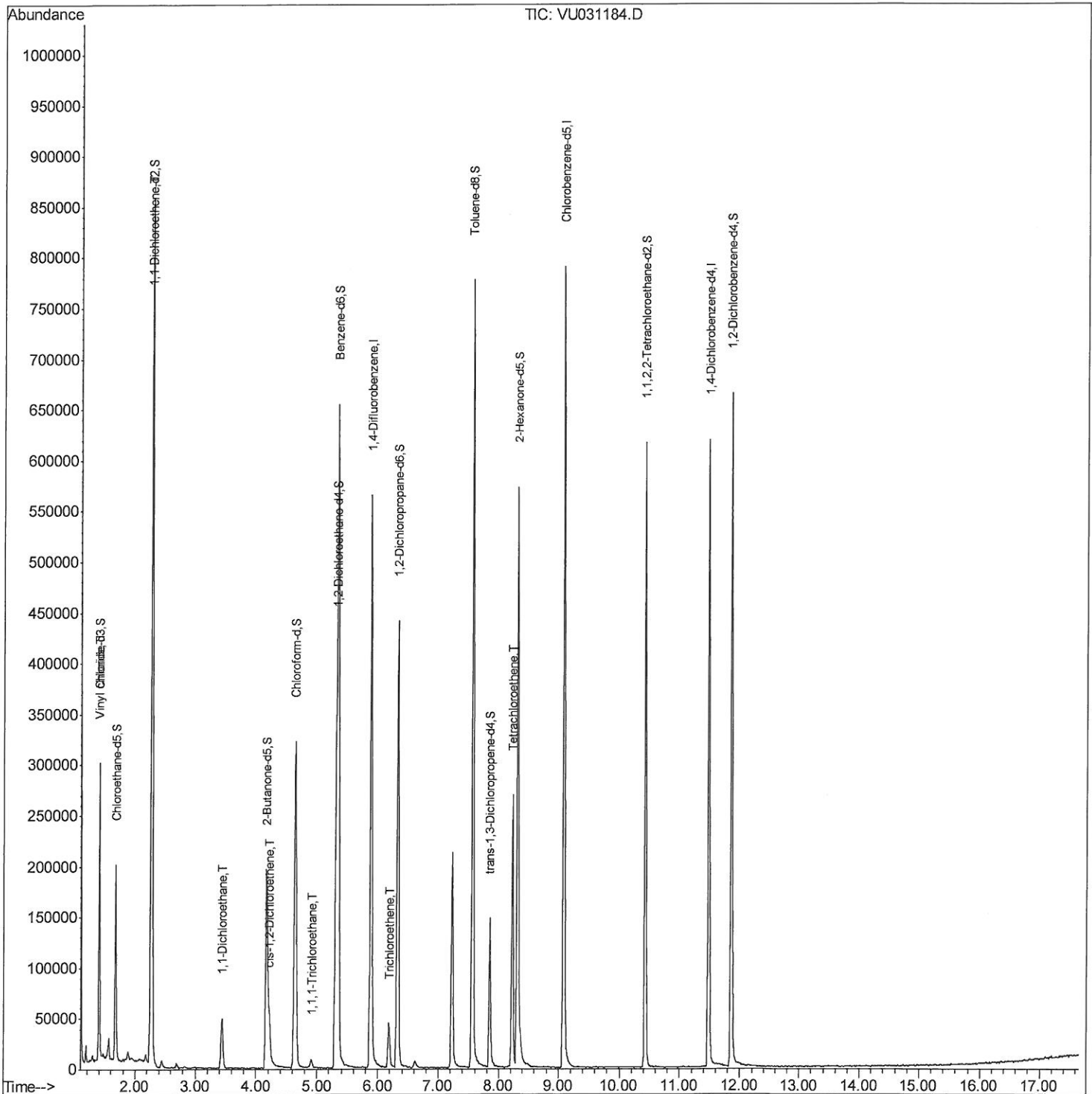
Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041319\
Data File : VU031184.D
Acq On : 14 Apr 2019 02:23
Operator : JC/SP
Sample : K2339-15DL 5X
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFC39DL

Manual Integrations
APPROVED

MMDadoda
4/15/2019 12:02:20 PM

Quant Time: Apr 14 03:05:28 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis
QLast Update : Sun Apr 14 02:24:32 2019
Response via : Initial Calibration



Quantitation Report (Qedit)

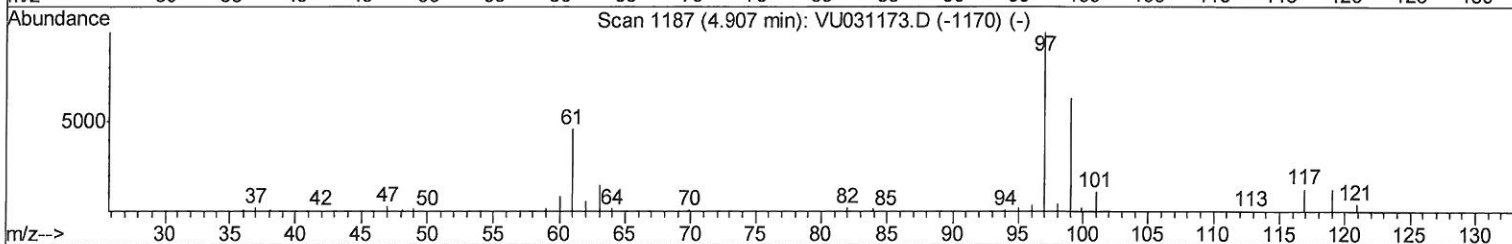
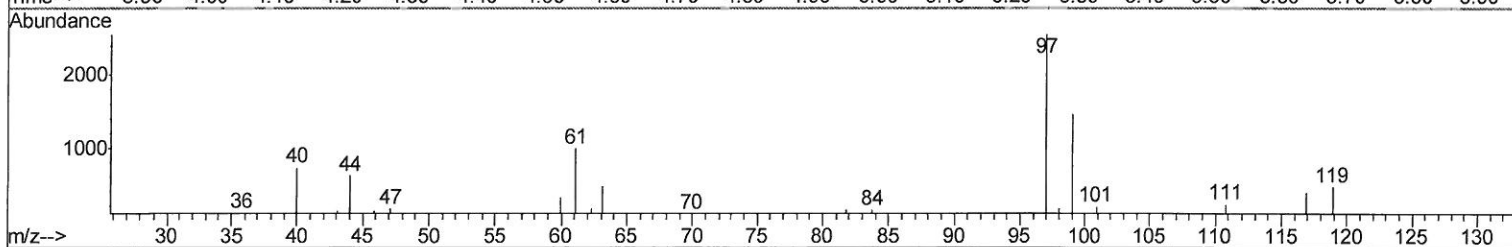
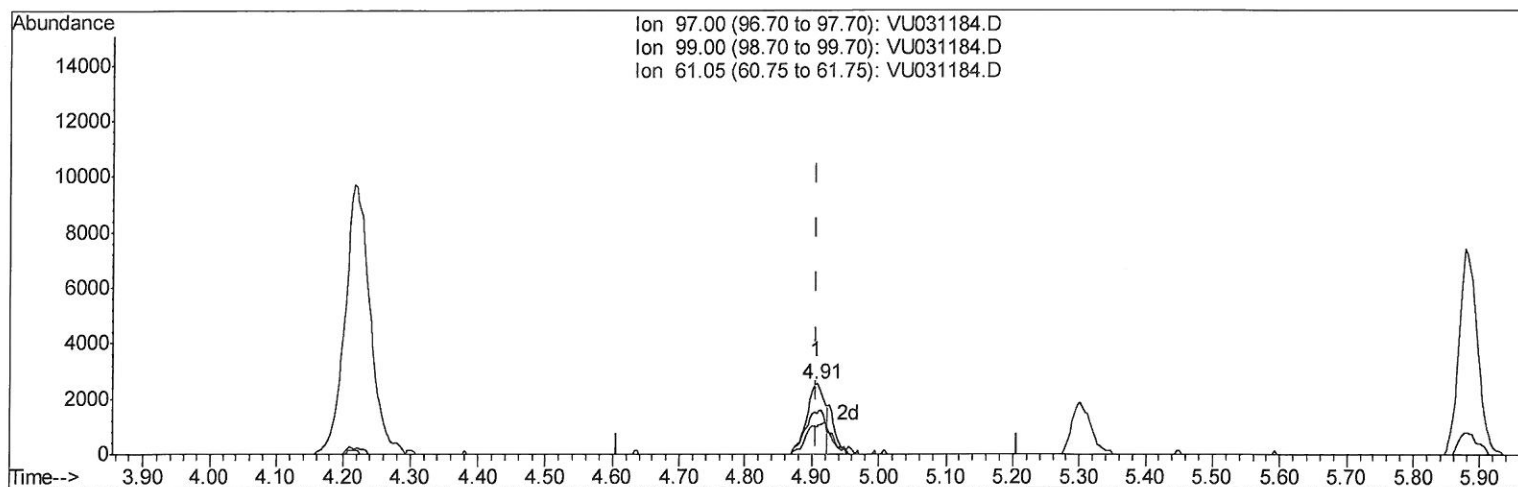
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TIC: VU031184.D

(30) 1,1,1-Trichloroethane (T)

4.907min (+0.000) 0.89ug/L

response 4796

Ion	Exp%	Act%
97.00	100	100
99.00	64.30	40.55#
61.05	46.40	26.81#
0.00	0.00	0.00

Quantitation Report (Qedit)

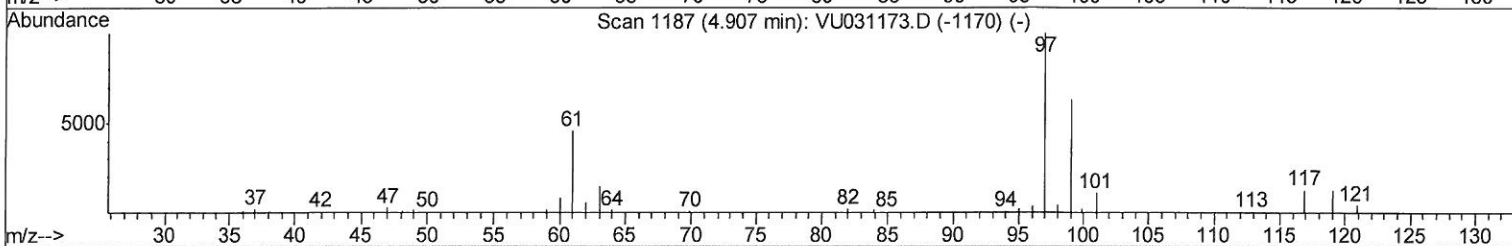
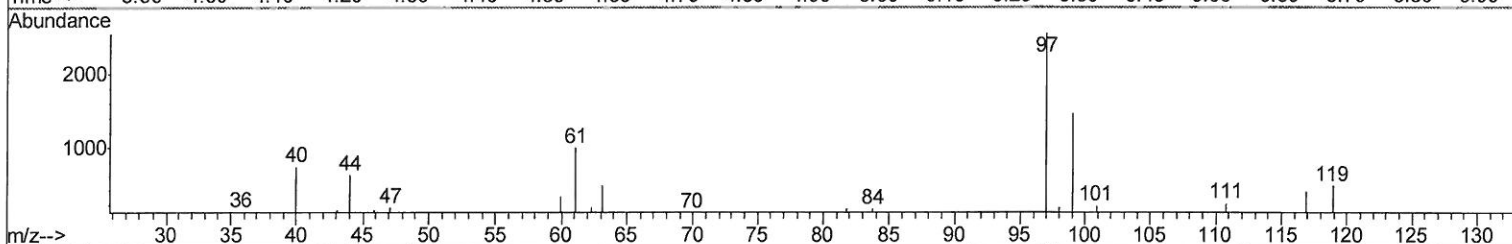
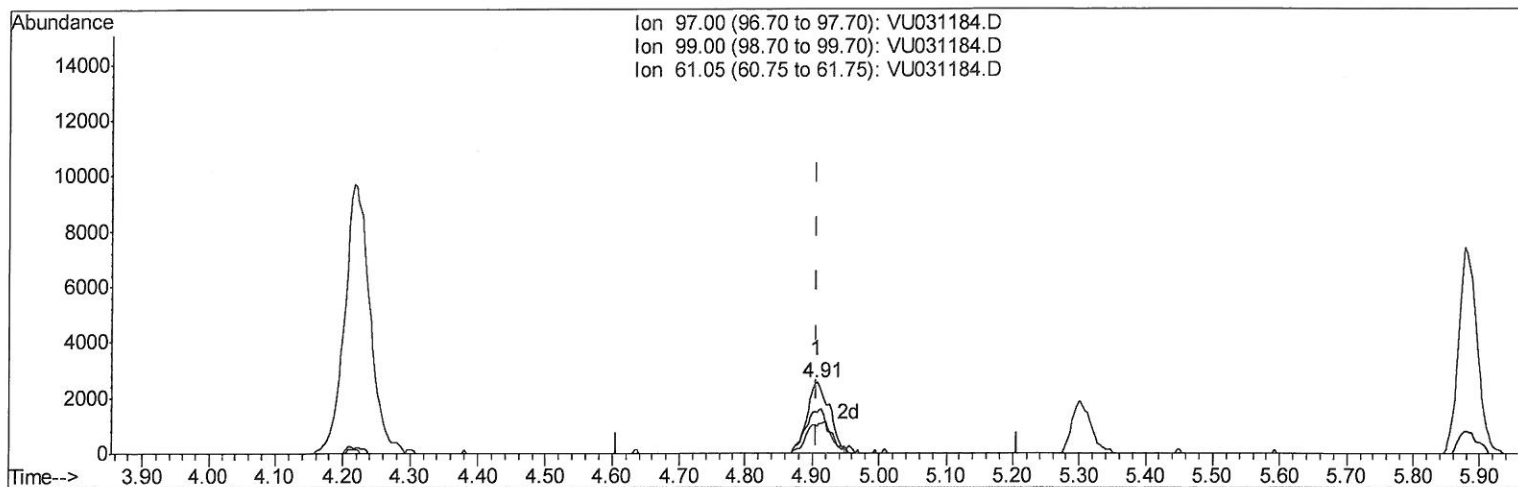
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Manual Integrations
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Response via : Initial Calibration



TIC: VU031184.D

(30) 1,1,1-Trichloroethane (T)

4.907min (+0.000) 1.12ug/L m

response 6009

Ion	Exp%	Act%
97.00	100	100
99.00	64.30	32.37#
61.05	46.40	21.40#
0.00	0.00	0.00

> MMD
4/11/19

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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	468347	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	440735	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	164793	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	184599	44.15	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.30%
7) Chloroethane-d5	1.67	69	146827	46.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.54%
11) 1,1-Dichloroethene-d2	2.27	63	347515	45.96	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.92%
21) 2-Butanone-d5	4.17	46	320996	96.87	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.87%
24) Chloroform-d	4.64	84	329267	51.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.12%
26) 1,2-Dichloroethane-d4	5.31	65	218890	50.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.46%
32) Benzene-d6	5.33	84	649974	50.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.04%
36) 1,2-Dichloropropane-d6	6.32	67	220343	49.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.94%
41) Toluene-d8	7.56	98	525078	46.04	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.08%
43) trans-1,3-Dichloropropene-	7.85	79	90854	45.19	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.38%
47) 2-Hexanone-d5	8.31	63	188534	93.55	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.55%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	306506	51.53	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.06%
64) 1,2-Dichlorobenzene-d4	11.86	152	184914	57.06	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	114.12%

Target Compounds

					Ovalue
5) Vinyl chloride	1.40	62	8968	1.741	ug/L # 8
12) 1,1-Dichloroethene	2.28	96	190829	58.944	ug/L 91
19) 1,1-Dichloroethane	3.44	63	57001	8.035	ug/L 96
20) cis-1,2-Dichloroethene	4.23	96	18435	4.857	ug/L 80
30) 1,1,1-Trichloroethane	4.91	97	6009m	1.119	ug/L
34) Trichloroethene	6.18	95	16066	4.542	ug/L 87
46) Tetrachloroethene	8.22	164	62612	24.345	ug/L 96

MD
 4/11/19

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