

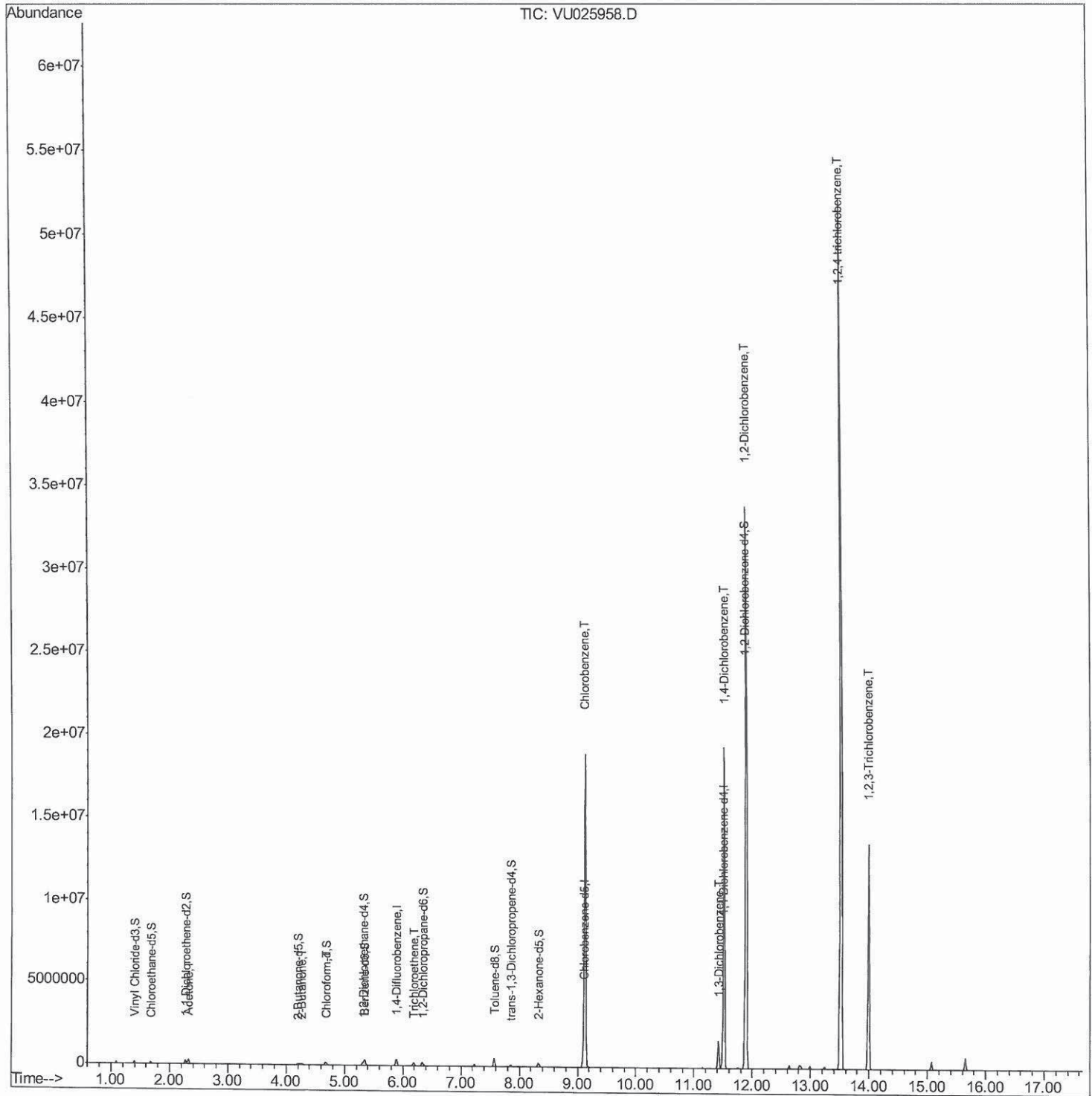
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU080718\
Data File : VU025958.D
Acq On : 07 Aug 2018 23:43
Operator : MD/SY
Sample : J4361-13
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampled :
A4ZC0

Manual Integrations
APPROVED

apatel
8/9/2018 1:53:49 PM

Quant Time: Aug 09 02:15:14 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080718WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Aug 08 06:47:05 2018
Response via : Initial Calibration



Quantitation Report (Qedit)

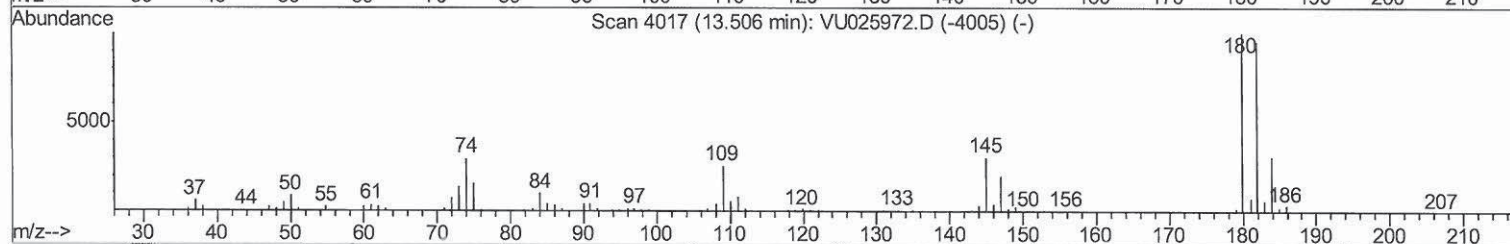
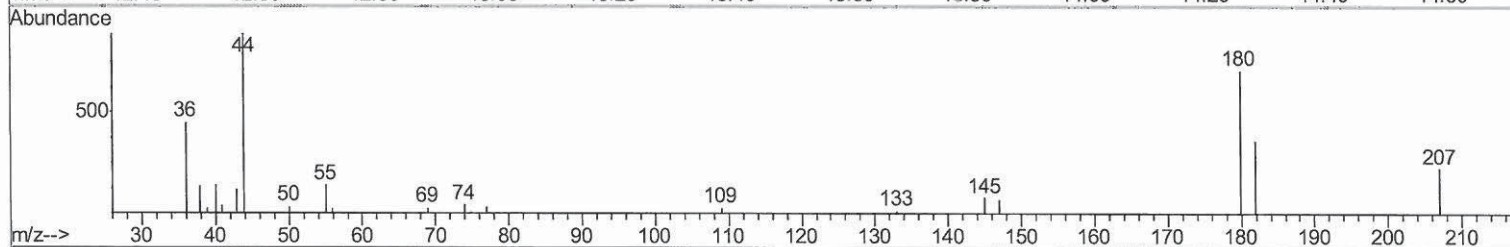
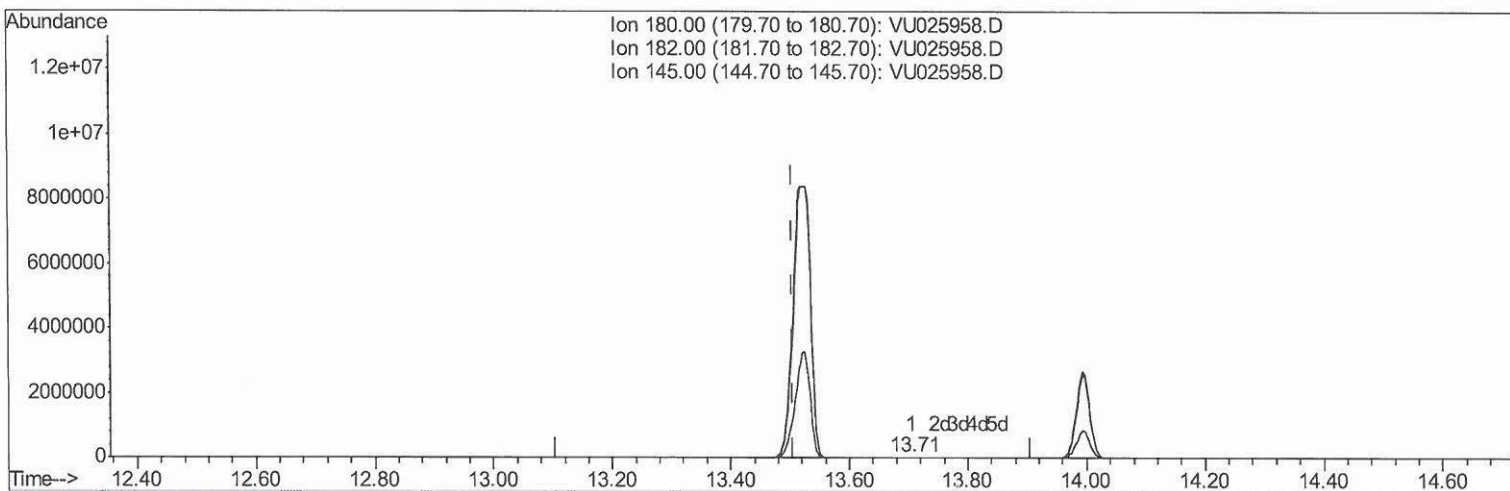
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TIC: VU025958.D

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

13.705min (+0.199) 0.03ug/L

response 118

Ion	Exp%	Act%
180.00	100	100
182.00	94.10	96.61
145.00	28.90	138.98#
0.00	0.00	0.00

Quantitation Report (Qedit)

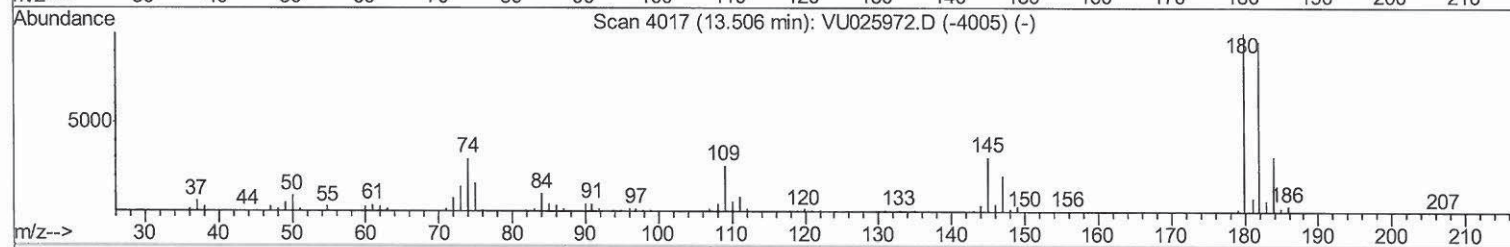
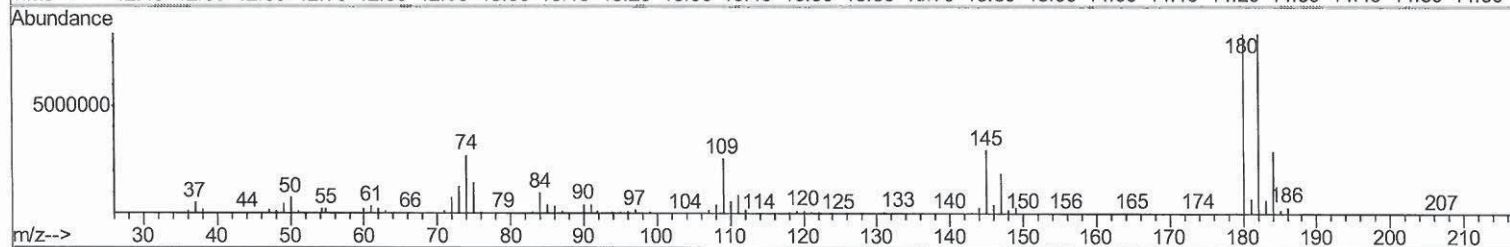
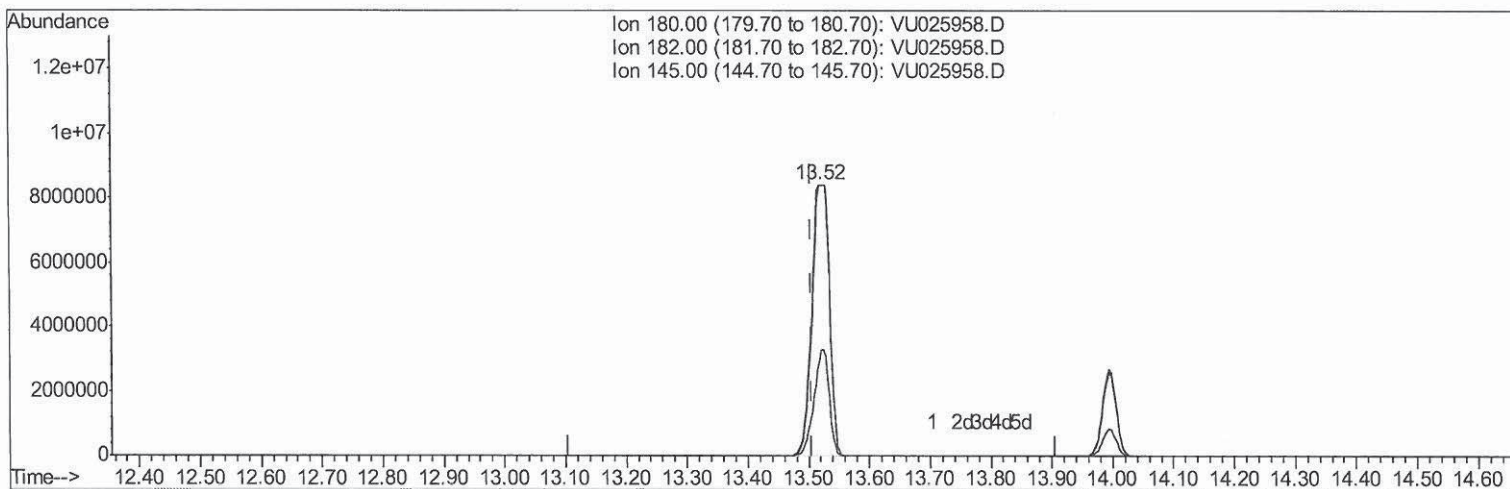
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TIC: VU025958.D

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

13.519min (+0.013) 5064.17ug/L m

response 17138618

Ion	Exp%	Act%
180.00	100	100
182.00	94.10	0.00#
145.00	28.90	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	313280	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	309523	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	176880	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	81585	46.99	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	93.98%		
7) Chloroethane-d5	1.68	69	65556	50.35	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	100.70%		
11) 1,1-Dichloroethene-d2	2.27	63	120732	35.91	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	71.82%		
21) 2-Butanone-d5	4.19	46	59721	50.00	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	50.00%		
24) Chloroform-d	4.67	84	7113	2.12	ug/L	0.02
Spiked Amount 50.000	Range 70 - 125		Recovery =	4.24%#		
26) 1,2-Dichloroethane-d4	5.31	65	114764	51.73	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	103.46%		
32) Benzene-d6	5.35	84	329305	48.26	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.52%		
36) 1,2-Dichloropropane-d6	6.34	67	105940	49.94	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	99.88%		
41) Toluene-d8	7.57	98	316340	47.79	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	95.58%		
43) trans-1,3-Dichloropropene-	7.85	79	49768	44.74	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	89.48%		
47) 2-Hexanone-d5	8.31	63	24370	27.61	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	27.61%#		
57) 1,1,2,2-Tetrachloroethane-	10.43	84	241	0.08	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	0.16%#		
64) 1,2-Dichlorobenzene-d4	11.87	152	151155	51.73	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	103.46%		

Target Compounds

						Qvalue
13) Acetone	2.32	43	266120	188.200	ug/L	99
22) 2-Butanone	4.27	43	116930	66.142	ug/L	95
25) Chloroform	4.68	83	161829	43.195	ug/L	99
34) Trichloroethene	6.19	95	52903	23.497	ug/L	97
51) Chlorobenzene	9.13	112	9915109	1639.961	ug/L	100
62) 1,3-Dichlorobenzene	11.42	146	668846	126.389	ug/L	99
63) 1,4-Dichlorobenzene	11.52	146	7682239	1424.901	ug/L	100
65) 1,2-Dichlorobenzene	11.89	146	14124504	2661.887	ug/L	98
68) 1,2,4-trichlorobenzene	13.52	180	17138618m	5064.165	ug/L	99
70) 1,2,3-Trichlorobenzene	13.99	180	4163994	1200.900	ug/L	99

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