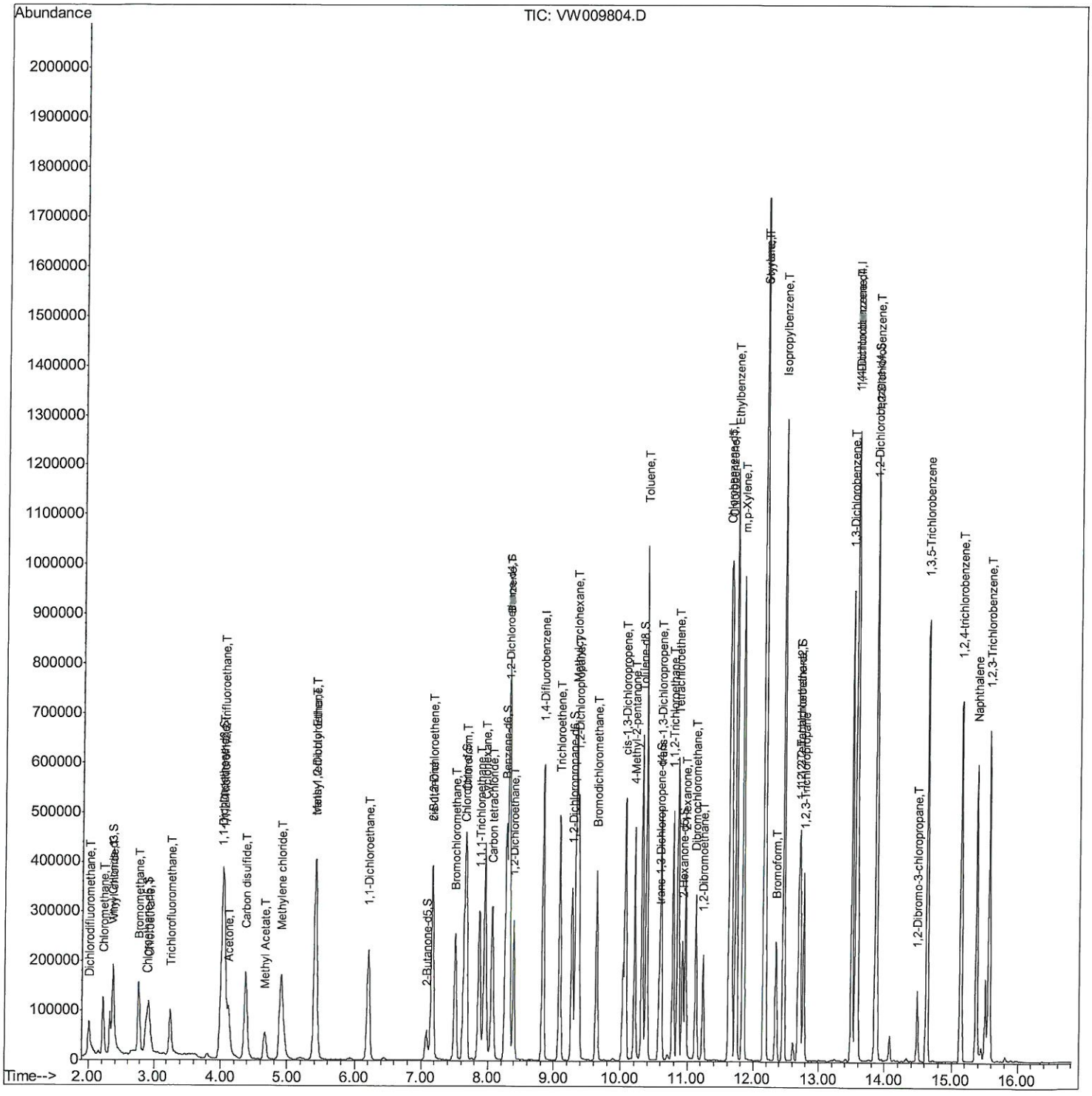
Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW040619\
Data File : VW009804.D
Acq On : 07 Apr 2019 14:04
Operator : SY/VA
Sample : VSTDCCC025EC
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 08 01:12:24 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
Quant Title : VOC Analysis
QLast Update : Sun Apr 07 05:36:41 2019
Response via : Initial Calibration

Instrument :
MSVOA_W
LabSampleId :
VSTD02519

Manual Integrations APPROVED
MMDadoda
4/11/2019 11:43:33 AM



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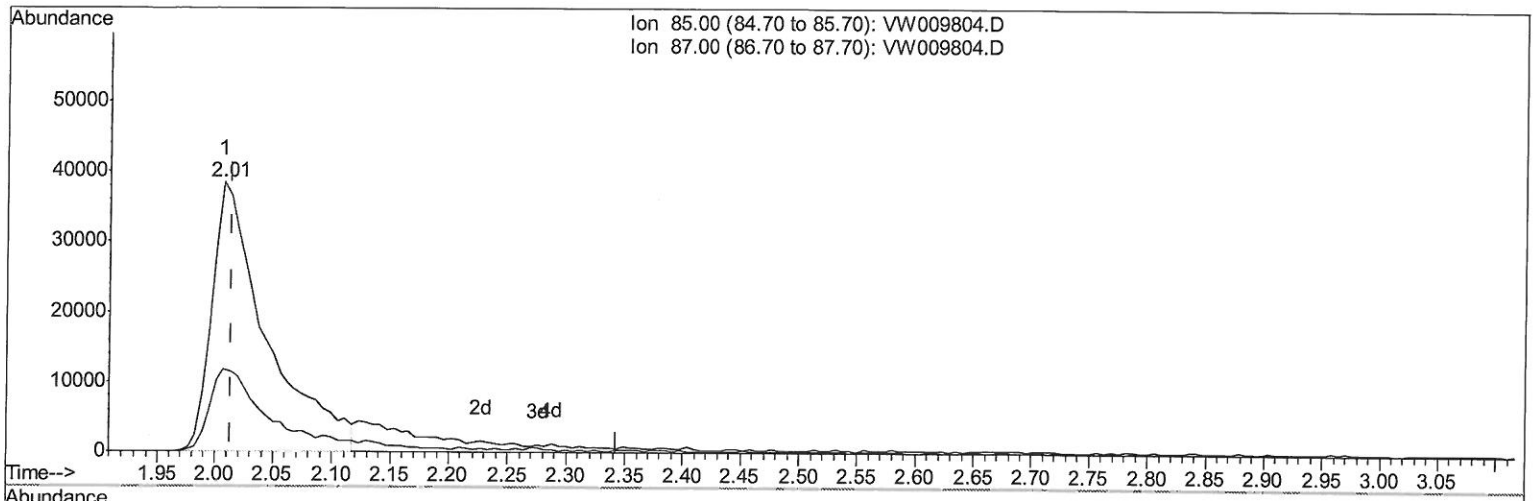

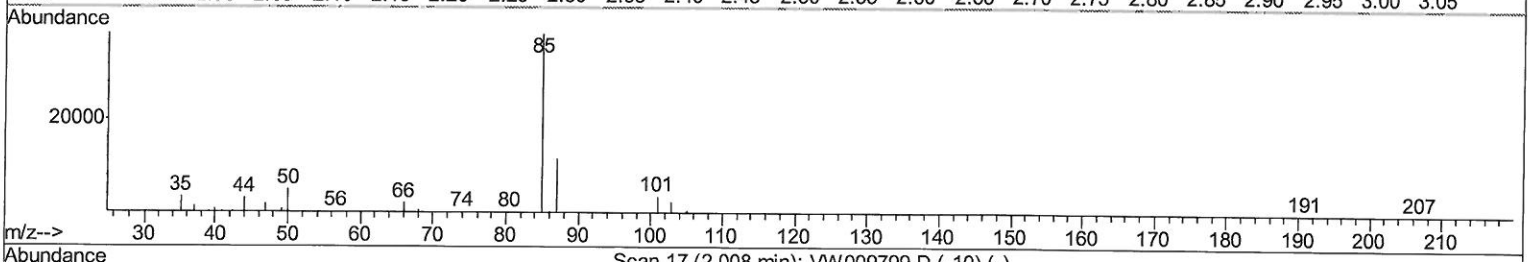

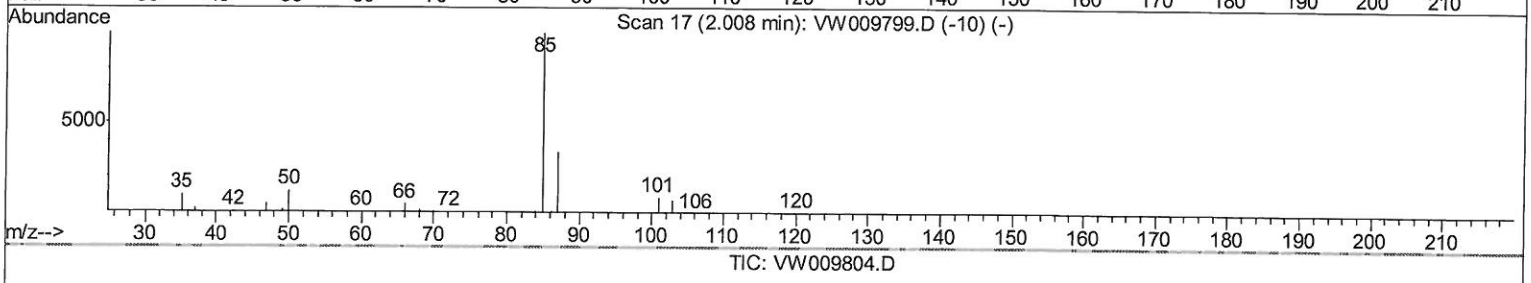

TIC: VW009804.D

(2) Dichlorodifluoromethane (T)

2.007min (-0.006) 20.73ug/L

response 124942

Ion	Exp%	Act%
85.00	100	100
87.00	25.80	30.09
0.00	0.00	0.00
0.00	0.00	0.00

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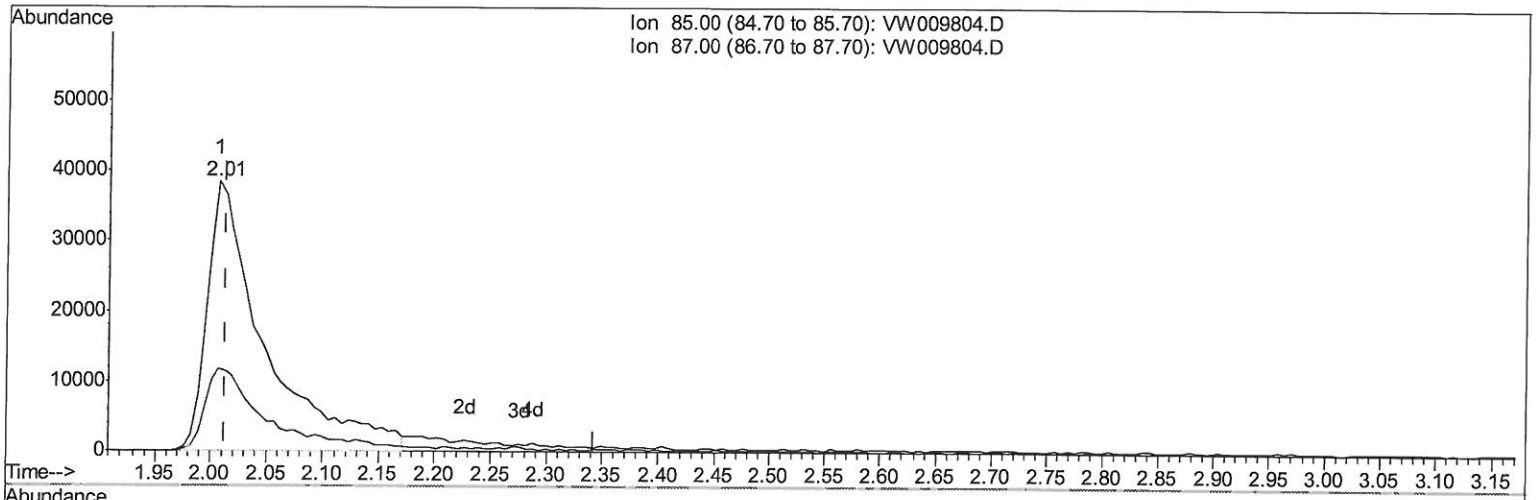

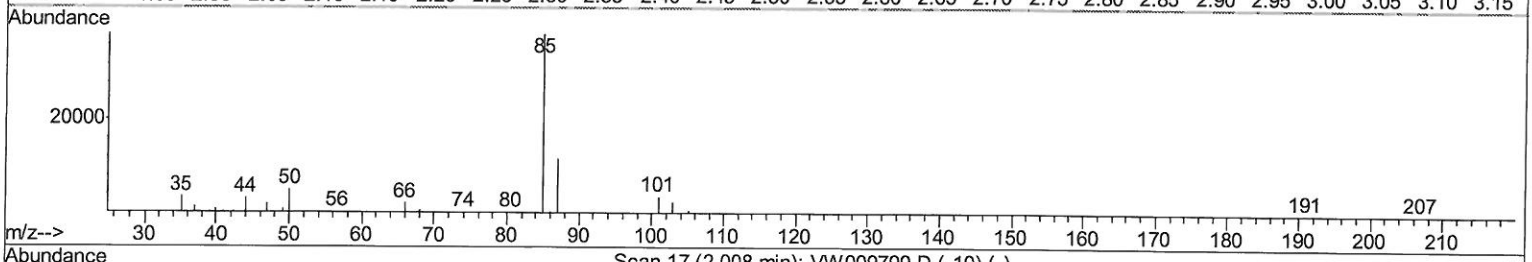

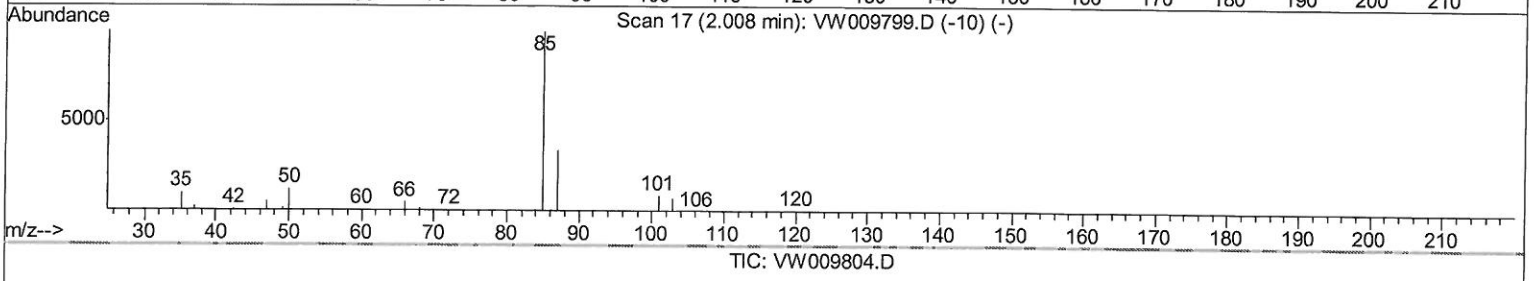

TIC: VW009804.D

(2) Dichlorodifluoromethane (T)

2.007min (-0.006) 22.57ug/L m

response 136041

> MD
4/9/19

Ion	Exp%	Act%
85.00	100	100
87.00	25.80	27.63
0.00	0.00	0.00
0.00	0.00	0.00

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	457499	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	453385	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	232409	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.35	65	88753	14.82	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 59.28%			
7) Chloroethane-d5	2.89	69	90812	16.56	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 66.24%			
10) 1,1-Dichloroethene-d2	4.01	63	241465	18.75	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 75.00%			
20) 2-Butanone-d5	7.08	46	101046	51.98	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 103.96%			
24) Chloroform-d	7.64	84	263006	21.07	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 84.28%			
26) 1,2-Dichloroethane-d4	8.30	65	164277	21.43	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 85.72%			
29) Benzene-d6	8.27	84	459019	19.29	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 77.16%			
33) 1,2-Dichloropropane-d6	9.27	67	147175	20.02	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 80.08%			
37) Toluene-d8	10.32	98	415548	18.88	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 75.52%			
38) trans-1,3-Dichloropropene-	10.58	79	71898	20.51	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 82.04%			
39) 2-Hexanone-d5	10.93	63	72851	52.58	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 105.16%			
48) 1,1,2,2-Tetrachloroethane-	12.69	84	159500	23.34	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 93.36%			
61) 1,2-Dichlorobenzene-d4	13.85	152	161763	19.84	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 79.36%			

Target Compounds					Qvalue
2) Dichlorodifluoromethane	2.01	85	136041m	22.574 ug/L	
3) Chloromethane	2.21	50	134647	21.619 ug/L	99
5) Vinyl chloride	2.37	62	164673	20.613 ug/L	98
6) Bromomethane	2.78	94	120877	21.867 ug/L	99
8) Chloroethane	2.92	64	114481	21.834 ug/L	96
9) Trichlorofluoromethane	3.25	101	97666	19.929 ug/L	97
11) 1,1,2-Trichloro-1,2,2-trif	4.05	101	136141	21.357 ug/L	93
12) 1,1-Dichloroethene	4.03	96	137436	22.618 ug/L	91
13) Acetone	4.12	43	124960	60.000 ug/L	99
14) Carbon disulfide	4.37	76	417723	22.116 ug/L	99
15) Methyl Acetate	4.67	43	106481	28.040 ug/L	98
16) Methylene chloride	4.91	84	163627	20.280 ug/L	98
17) Methyl tert-butyl Ether	5.42	73	230986	27.594 ug/L	99
18) trans-1,2-Dichloroethene	5.41	96	152397	24.115 ug/L	97
19) 1,1-Dichloroethane	6.21	63	304389	25.099 ug/L	97
21) 2-Butanone	7.17	43	156362	59.032 ug/L	100
22) cis-1,2-Dichloroethene	7.16	96	171423	25.363 ug/L	96

MM 4/9/19