Quantitation Report (QT Reviewed)

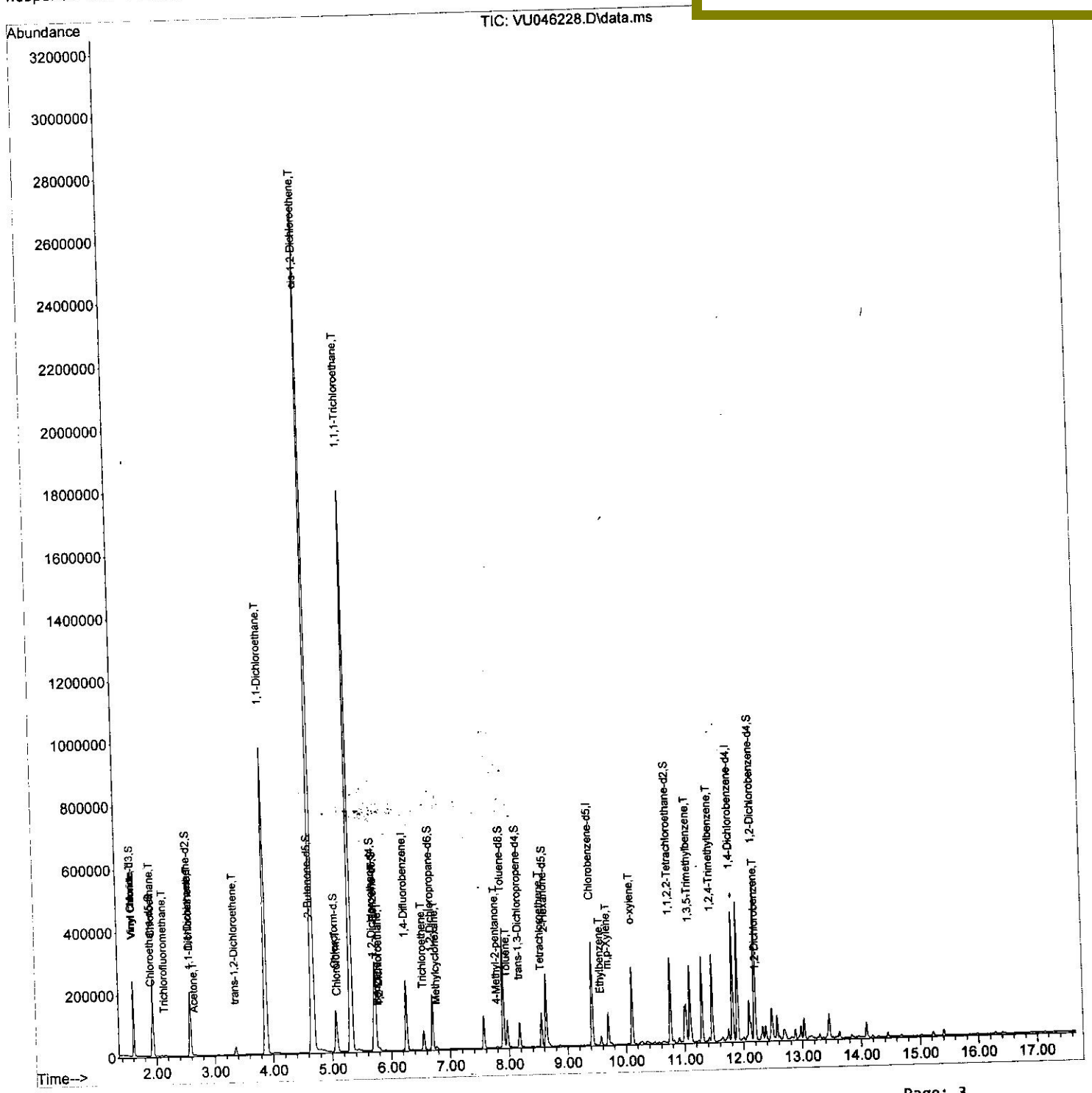
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120921\
Data File : VU046228.D
Acq On : 09 Dec 2021 18:28
Operator : SY/MD
Sample : M4983-16
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Dec 10 03:45:47 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Dec 03 05:08:36 2021
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
EW5P6

Manual IntegrationsAPPROVED

Reviewed By :Mahesh Dadoda 12/28/2021
Supervised By :Semsettin Yesilyurt 12/28/2021



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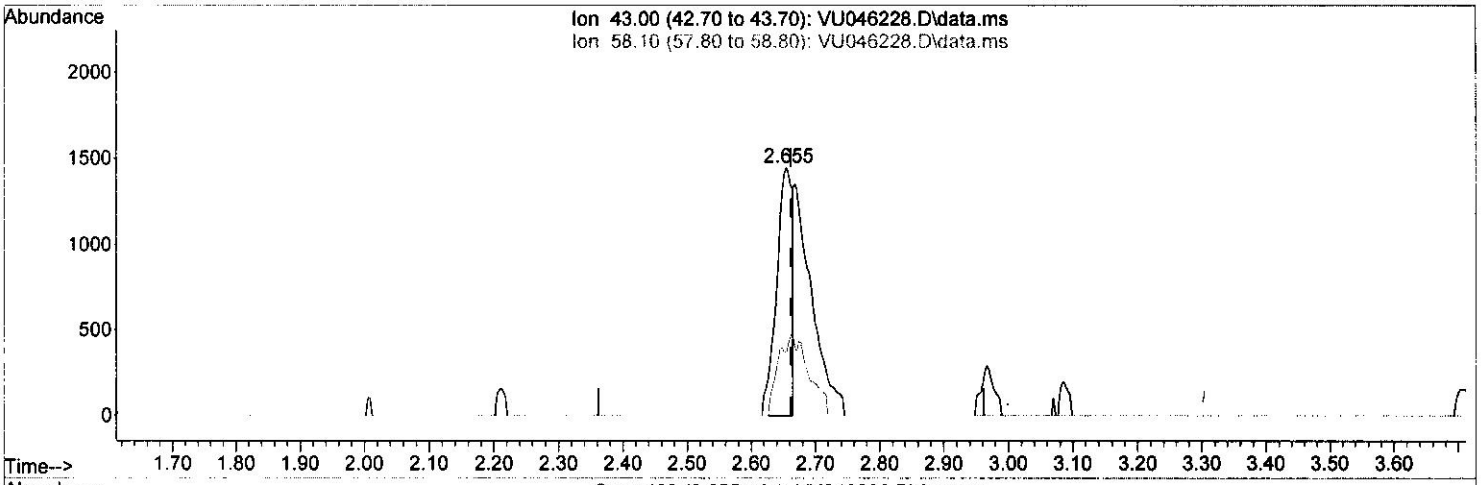

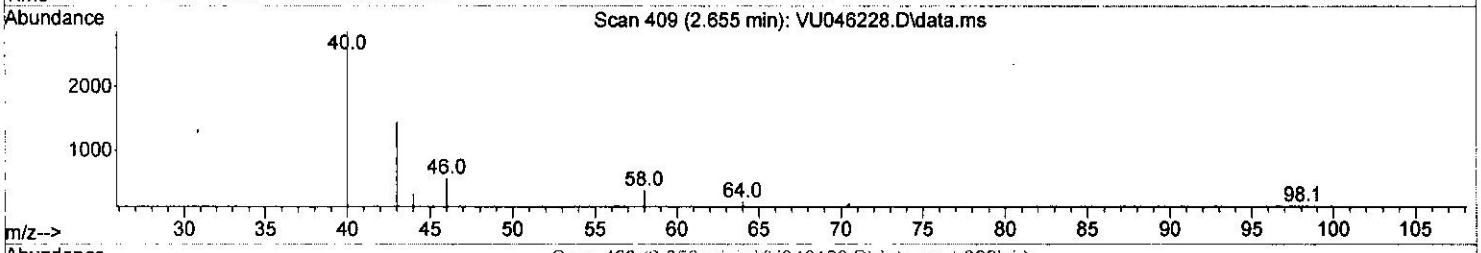

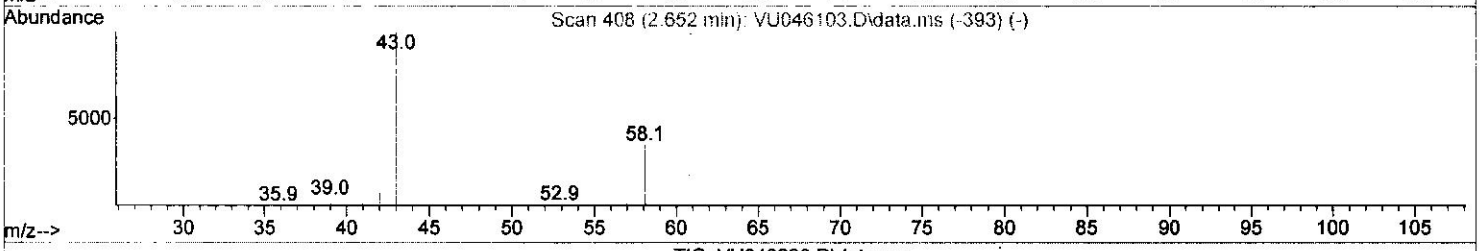

TIC: VU046228.D\data.ms

(13) Acetone (T)

2.655min (-0.007) 1.65 ug/L

response 2459

Ion	Exp%	Act%
43.00	100.00	100.00
58.10	33.40	4.72
0.00	0.00	0.00
0.00	0.00	0.00

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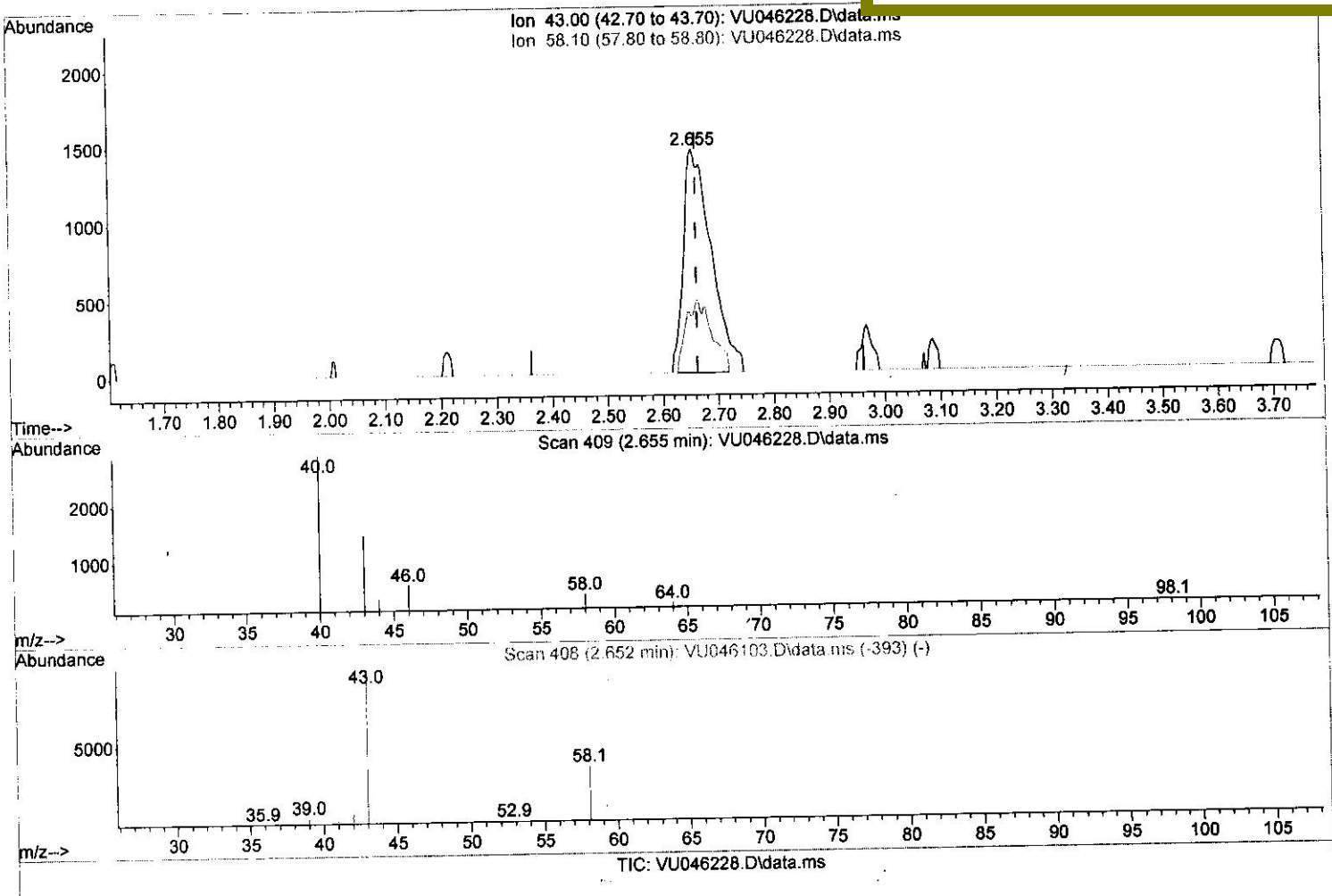

(13) Acetone (T)

2.655min (-0.007) 3.42 ug/L m SY 12/28/21

response 5084

Ion	Exp%	Act%
43.00	100.00	100.00
58.10	33.40	2.28
0.00	0.00	0.00
0.00	0.00	0.00

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Supervised By :Semsettin Yesilyurt 12/28/2021

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	181830	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	190886	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	108270	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	77102	51.476	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 102.960%			
7) Chloroethane-d5	1.919	69	57061	49.618	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 99.240%			
11) 1,1-Dichloroethene-d2	2.575	63	112610	41.880	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 83.760%			
21) 2-Butanone-d5	4.639	46	126194	105.983	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 105.980%			
24) Chloroform-d	5.067	84	120874	48.325	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 96.640%			
26) 1,2-Dichloroethane-d4	5.706	65	86857	51.742	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 103.480%			
32) Benzene-d6	5.732	84	271236	49.576	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 99.160%			
36) 1,2-Dichloropropane-d6	6.693	67	84560	49.870	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 99.740%			
41) Toluene-d8	7.899	98	244006	48.983	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 97.960%			
43) trans-1,3-Dichloroprop...	8.179	79	42656	52.114	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 104.220%			
47) 2-Hexanone-d5	8.632	63	84105	104.615	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 104.620%			
56) 1,1,2,2-Tetrachloroeth...	10.758	84	134458	52.289	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 104.580%			
66) 1,2-Dichlorobenzene-d4	12.195	152	104309	50.026	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 100.060%			
Target Compounds						Qvalue
5) Vinyl chloride	1.607	62	100874	56.540	ug/L	99
8) Chloroethane	1.938	64	156972	151.956	ug/L	98
9) Trichlorofluoromethane	2.144	101	2097	0.900	ug/L	92
12) 1,1-Dichloroethene	2.588	96	24443	19.442	ug/L #	60
13) Acetone	2.655	43	5084m	3.416	ug/L	
17) trans-1,2-Dichloroethene	3.362	96	10895	8.189	ug/L	97
19) 1,1-Dichloroethane	3.877	63	1120676	463.253	ug/L	99
20) cis-1,2-Dichloroethene	4.671	96	1445131	1001.009	ug/L	99
25) Chloroform	5.092	83	12958	4.821	ug/L	94
27) 1,2-Dichloroethane	5.800	62	5860	2.938	ug/L	97
30) 1,1,1-Trichloroethane	5.321	97	1340001	571.883	ug/L	99
33) Benzene	5.777	78	5257	0.910	ug/L	100
34) Trichloroethene	6.542	95	20217	13.283	ug/L	97
35) Methylcyclohexane	6.767	83	3519	1.491	ug/L	97
40) 4-Methyl-2-pentanone	7.793	43	2896	1.302	ug/L	94
42) Toluene	7.970	91	63745	10.283	ug/L	98
46) Tetrachloroethene	8.555	164	24540	21.940	ug/L	94
52) Ethylbenzene	9.571	91	20502	3.073	ug/L	95
53) m,p-Xylene	9.693	106	31478	12.098	ug/L	91

SY 12/28/21

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Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
54) o-xylene	10.102	106	70366	27.871 ug/L	95
62) 1,3,5-Trimethylbenzene	11.089	105	138335	23.560 ug/L	98
63) 1,2,4-Trimethylbenzene	11.468	105	157032	26.731 ug/L	99
67) 1,2-Dichlorobenzene	12.214	146	4945	1.467 ug/L	94

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