Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY011620\

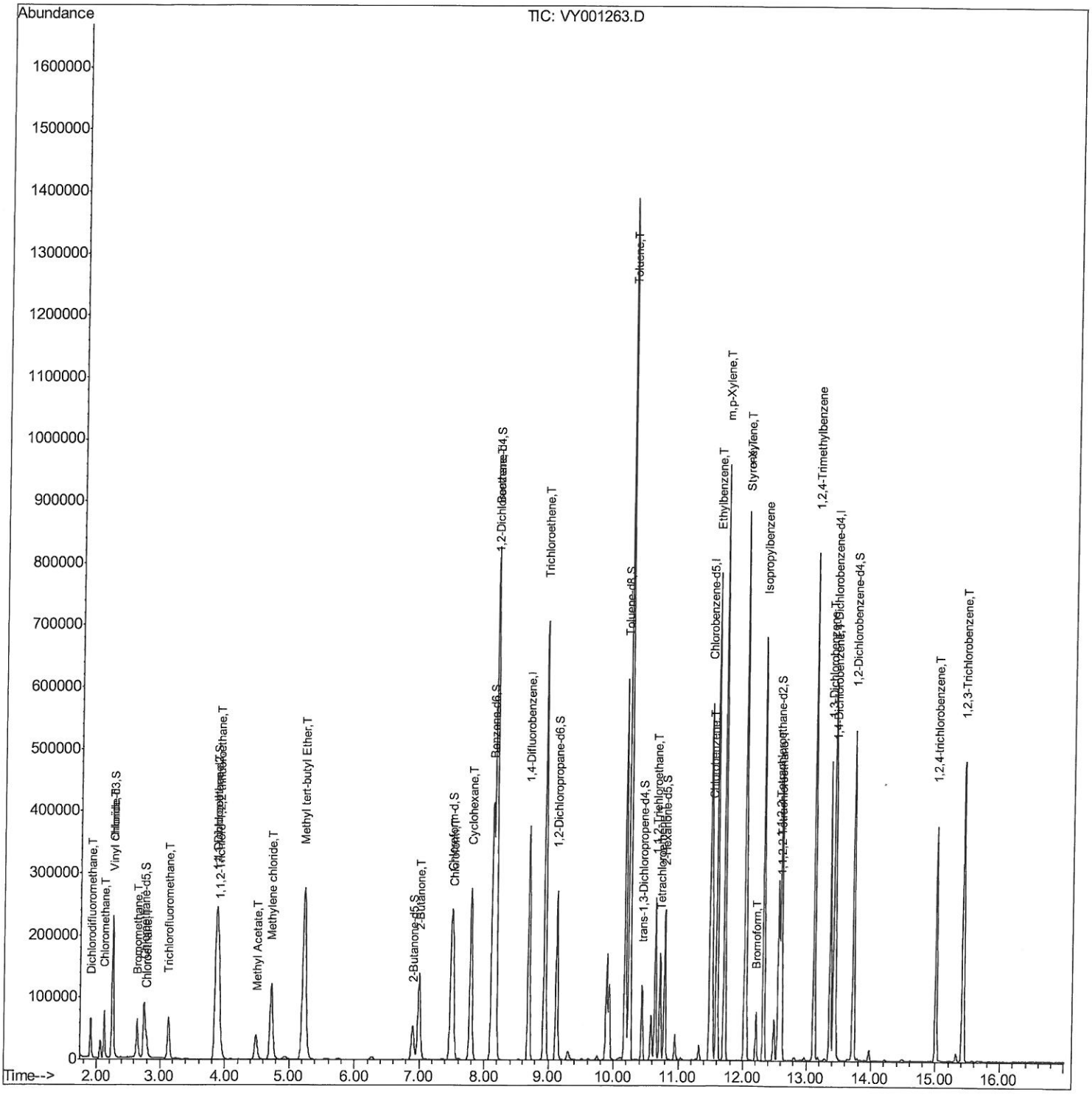
Quantitation Report (LSC Reviewed)

Data File : VY001263.D
Acq On : 16 Jan 2020 16:16
Operator : SY/MD
Sample : K6467-04
Misc : 5.00G/10ML/MSVOA_Y/SOIL
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Jan 17 08:35:45 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\SFAMYLM011620SMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jan 17 03:10:21 2020
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
X2K74

Manual Integrations APPROVED
MMDadoda
1/17/2020 4:36:15 PM



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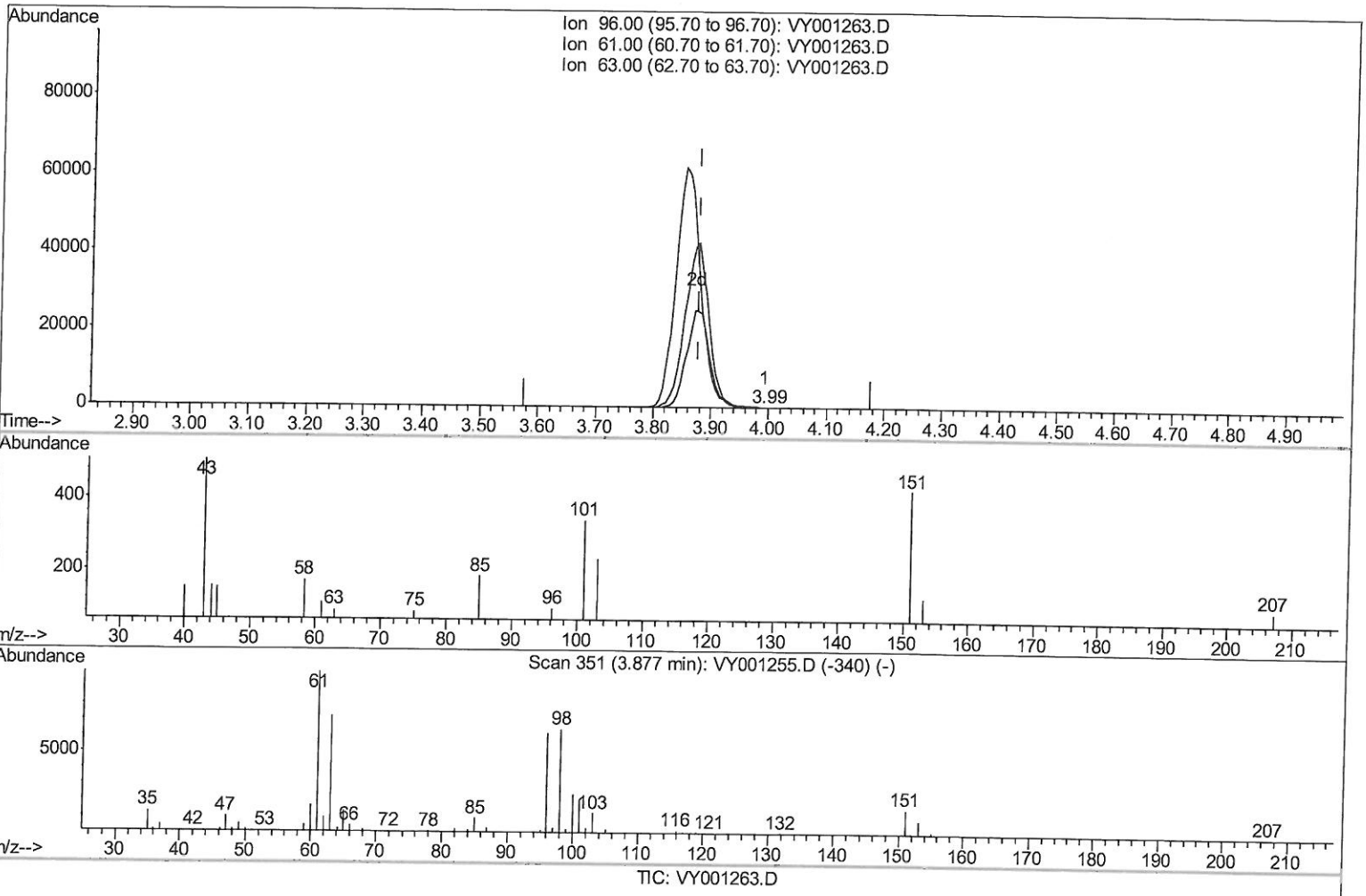

(12) 1,1-Dichloroethene (T)

3.993min (+0.116) 0.01ug/L

response 34

Ion	Exp%	Act%
96.00	100	100
61.00	161.30	113.98
63.00	120.80	92.47
0.00	0.00	0.00

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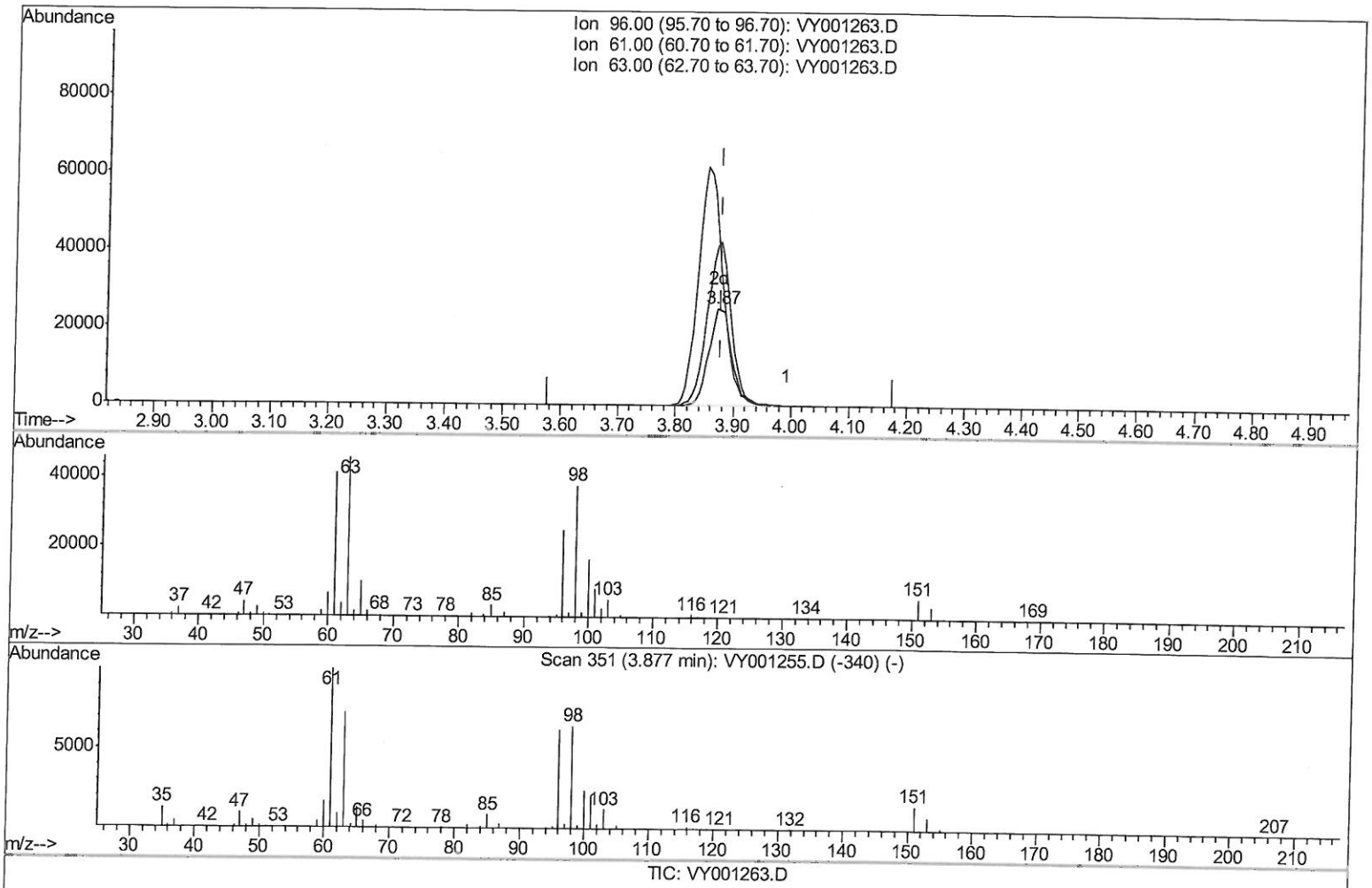

TIC: VY001263.D

(12) 1,1-Dichloroethene (T)

3.871min (-0.006) 16.73ug/L m

response 69883

Ion	Exp%	Act%
96.00	100	100
61.00	161.30	163.80
63.00	120.80	181.28#
0.00	0.00	0.00

1/17/20

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Quant Title : VOC Analysis
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.69	114	323473	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.49	117	291491	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.42	152	137125	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.24	65	108063	24.31	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 97.24%			
7) Chloroethane-d5	2.76	69	100522	25.98	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 103.92%			
11) 1,1-Dichloroethene-d2	3.85	63	184085	23.47	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 93.88%			
21) 2-Butanone-d5	6.89	46	98773	50.47	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 100.94%			
24) Chloroform-d	7.49	84	194907	26.83	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 107.32%			
26) 1,2-Dichloroethane-d4	8.15	65	112969	26.64	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 106.56%			
32) Benzene-d6	8.11	84	428336	27.49	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 109.96%			
36) 1,2-Dichloropropane-d6	9.13	67	131405	27.39	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 109.56%			
41) Toluene-d8	10.18	98	391812	27.31	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 109.24%			
43) trans-1,3-Dichloropropene-	10.44	79	63230	26.12	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 104.48%			
47) 2-Hexanone-d5	10.79	63	85828	51.70	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 103.40%			
56) 1,1,2,2-Tetrachloroethane-	12.56	84	135526	26.03	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 104.12%			
66) 1,2-Dichlorobenzene-d4	13.72	152	134188	27.24	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 108.96%			

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.90	85	53613	10.604	ug/L	98
3) Chloromethane	2.12	50	66926	12.117	ug/L	99
5) Vinyl chloride	2.26	62	139968	24.087	ug/L	98
6) Bromomethane	2.65	94	47321	13.996	ug/L	92
8) Chloroethane	2.80	64	30105	8.981	ug/L	98
9) Trichlorofluoromethane	3.13	101	72598	10.644	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	3.91	101	92631	21.875	ug/L	99
12) 1,1-Dichloroethene	3.87	96	69883m	16.727	ug/L	
15) Methyl Acetate	4.49	43	80823	23.156	ug/L #	73
16) Methylene chloride	4.72	84	97036	17.956	ug/L	99
18) Methyl tert-butyl Ether	5.22	73	511414	39.582	ug/L	100
22) 2-Butanone	6.99	43	177207	62.666	ug/L	99
25) Chloroform	7.52	83	153046	19.364	ug/L	97
29) Cyclohexane	7.79	56	165751	20.369	ug/L	99
33) Benzene	8.16	78	763925	41.115	ug/L	100
34) Trichloroethene	8.94	95	243970	51.454	ug/L	98
42) Toluene	10.24	91	994452	49.433	ug/L	99

2nd
01/17/20

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.64	97	79084	19.612 ug/L	98
46) Tetrachloroethene	10.72	164	36999	10.144 ug/L	91
51) Chlorobenzene	11.52	112	157399	12.348 ug/L	99
52) Ethylbenzene	11.59	91	547257	24.266 ug/L	100
53) m,p-Xylene	11.70	106	256265	29.245 ug/L	99
54) o-Xylene	12.03	106	206135	24.554 ug/L	99
55) Styrene	12.04	104	152364	10.368 ug/L	91
57) 1,1,2,2-Tetrachloroethane	12.58	83	63421	11.219 ug/L	99
59) Bromoform	12.20	173	33535	11.566 ug/L	100
60) Isopropylbenzene	12.33	105	433378	19.837 ug/L	100
63) 1,2,4-Trimethylbenzene	13.12	105	435111	24.319 ug/L	99
64) 1,3-Dichlorobenzene	13.36	146	189067	19.511 ug/L	98
65) 1,4-Dichlorobenzene	13.44	146	96679	9.938 ug/L	99
70) 1,2,4-trichlorobenzene	15.00	180	115851	19.097 ug/L	99
72) 1,2,3-Trichlorobenzene	15.42	180	157215	27.779 ug/L	99

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