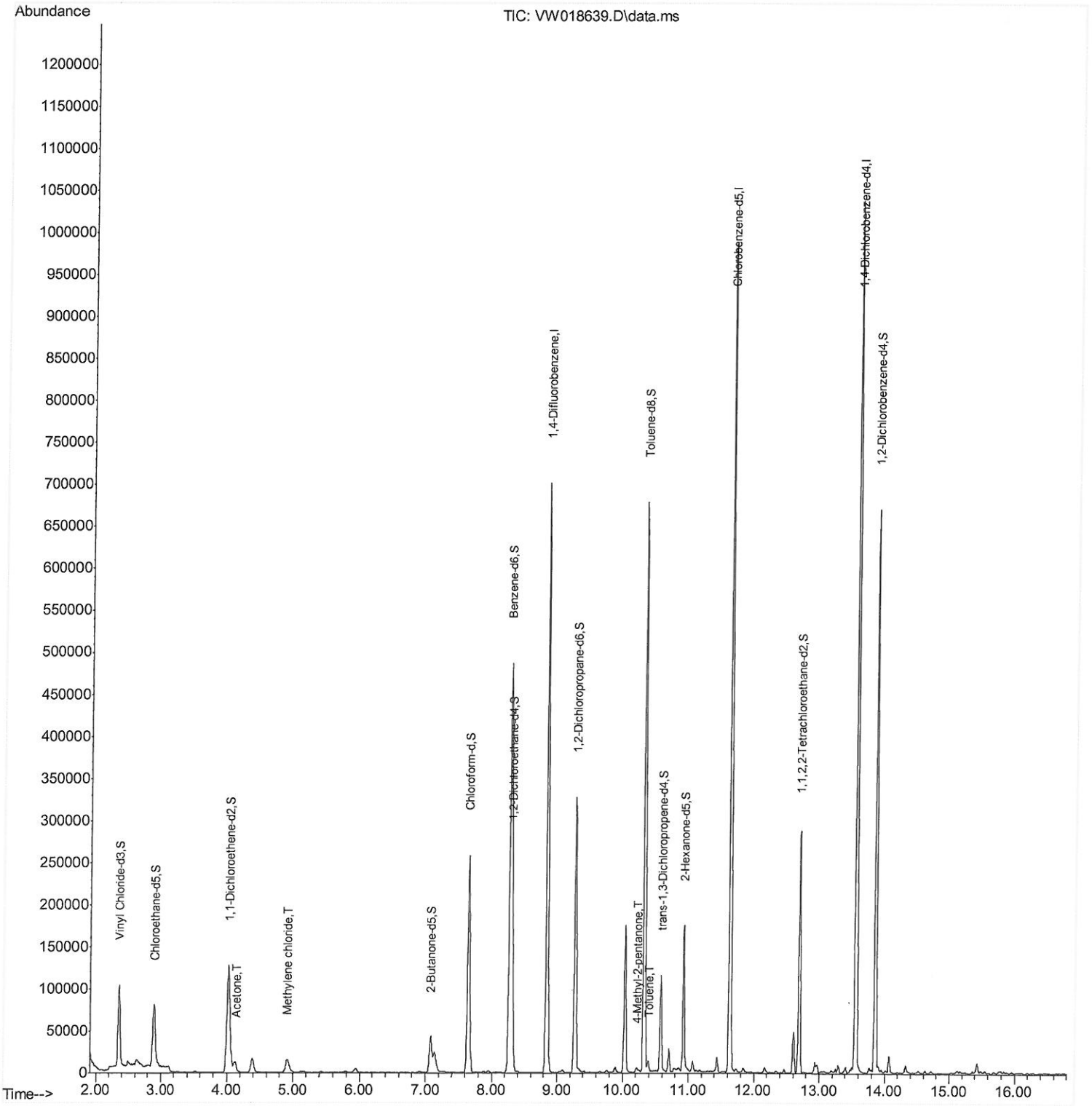
Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW041321\
Data File : VW018639.D
Acq On : 13 Apr 2021 13:42
Operator : SY/VA
Sample : M2011-08
Misc : 6.36G/10ML/MSVOA_W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Apr 14 01:27:06 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
Quant Title : VOC Analysis
QLast Update : Wed Apr 14 01:25:39 2021
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VIBLK23

Manual Integrations APPROVED
MMDadoda
4/16/2021 11:36:51 AM



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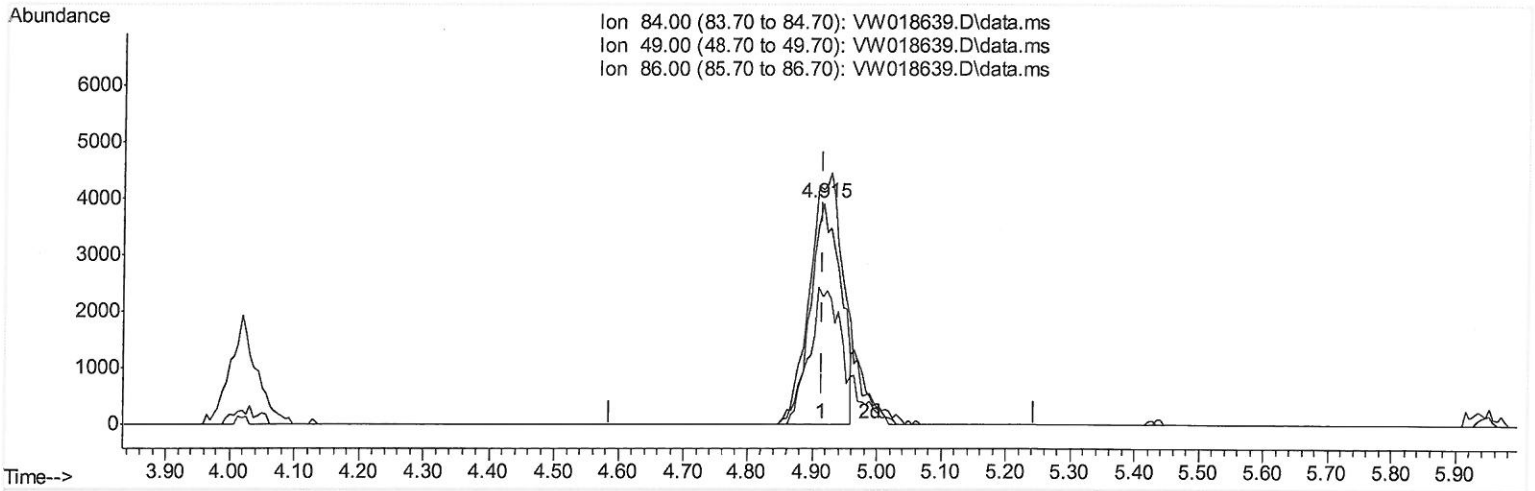

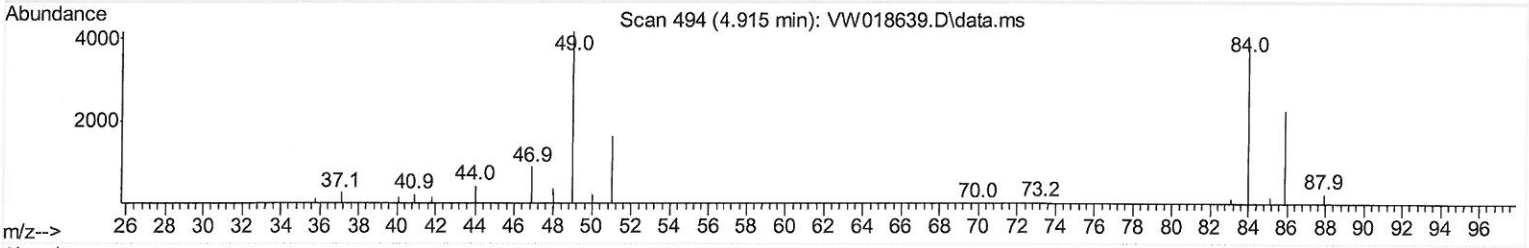

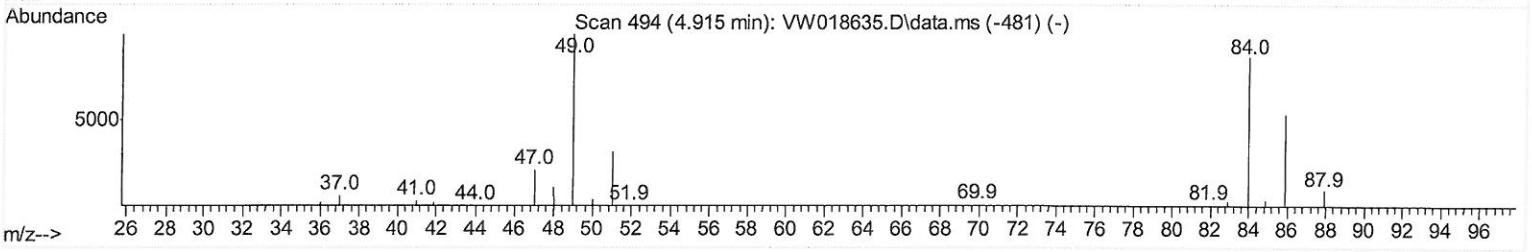

TIC: VW018639.D\data.ms

(16) Methylene chloride (T)

4.915min (+ 0.000) 1.36 ug/L

response 12765

Ion	Exp%	Act%
84.00	100.00	100.00
49.00	106.30	106.00
86.00	65.90	57.87
0.00	0.00	0.00

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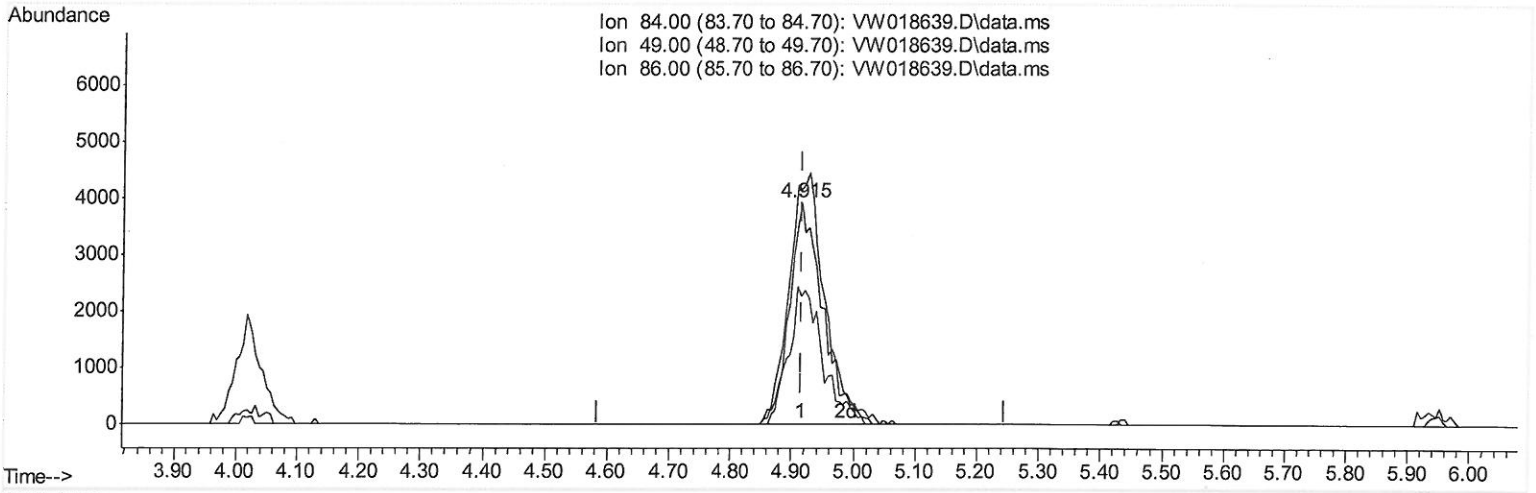
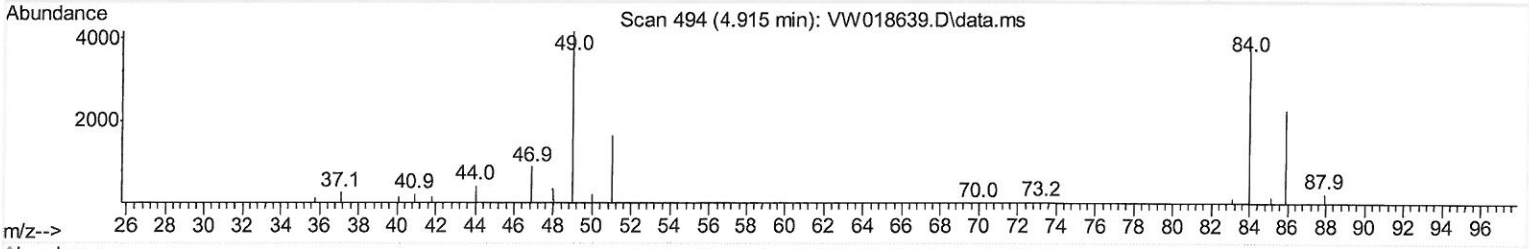
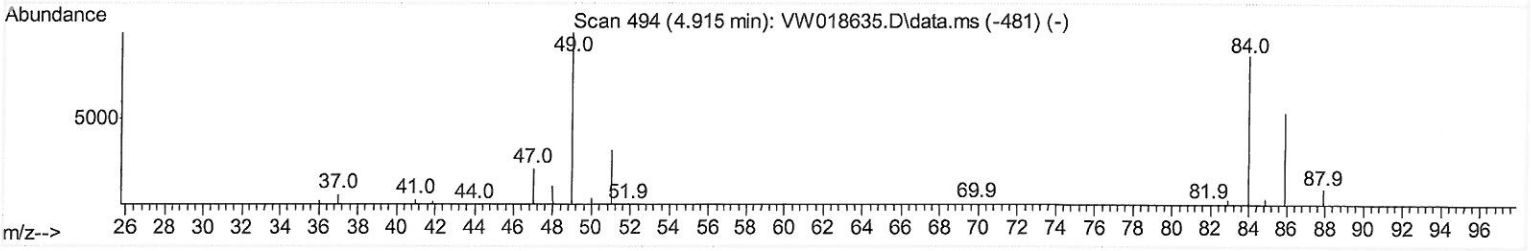
Manual Integrations APPROVED
MMDadoda
4/16/2021 11:36:51 AM







TIC: VW018639.D\data.ms

(16) Methylene chloride (T)

4.915min (+ 0.000) 1.56 ug/L m

response 14641

Ion	Exp%	Act%
84.00	100.00	100.00
49.00	106.30	106.00
86.00	65.90	57.87
0.00	0.00	0.00

MD 4/14/21

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ClientSampleId : VIBLK23

Manual Integrations APPROVED
MMDadoda
4/16/2021 11:36:51 AM

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	573940	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	544625	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	255963	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	120839	15.13	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 60.52%			
7) Chloroethane-d5	2.891	69	104197	14.90	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 59.60%			
10) 1,1-Dichloroethene-d2	4.019	63	143694	10.42	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 41.68%#			
20) 2-Butanone-d5	7.074	46	74183	41.72	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 83.44%			
24) Chloroform-d	7.647	84	260619	17.83	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 71.32%			
26) 1,2-Dichloroethane-d4	8.305	65	153008	17.93	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 71.72%			
29) Benzene-d6	8.275	84	478871	16.54	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 66.16%			
33) 1,2-Dichloropropane-d6	9.274	67	148774	17.81	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 71.24%			
37) Toluene-d8	10.323	98	446007	16.00	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 64.00%			
38) trans-1,3-Dichloroprop...	10.579	79	61954	14.38	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 57.52%			
39) 2-Hexanone-d5	10.927	63	60148	36.80	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 73.60%			
48) 1,1,2,2-Tetrachloroeth...	12.688	84	140224	18.77	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 75.08%			
61) 1,2-Dichlorobenzene-d4	13.853	152	166950	18.35	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 73.40%#			
Target Compounds						Qvalue
13) Acetone	4.129	43	20719	16.22	ug/L	90
16) Methylene chloride	4.915	84	14641m	1.56	ug/L	
43) 4-Methyl-2-pentanone	10.213	43	3841	0.83	ug/L #	84
44) Toluene	10.390	91	9492	0.26	ug/L	89

7MD 4/14/21

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