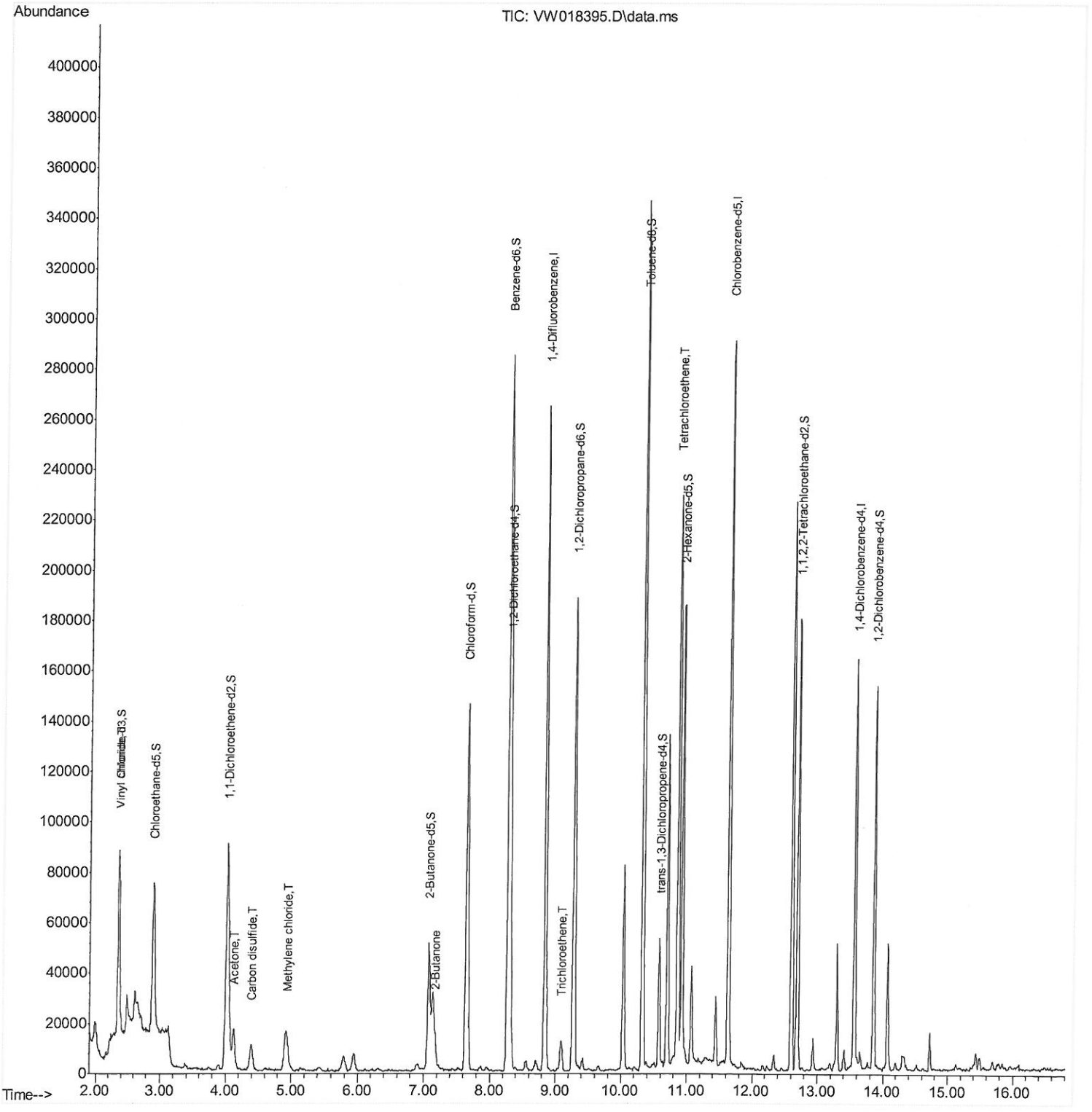
Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW031921\
Data File : VW018395.D
Acq On : 19 Mar 2021 17:41
Operator : SY/VA
Sample : M1698-08
Misc : 4.753G/10ML/MSVOA_W/SOIL
ALS Vial : 30 Sample Multiplier: 1

Quant Time: Mar 20 01:43:32 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
Quant Title : VOC Analysis
QLast Update : Sat Mar 20 01:36:44 2021
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
BG4H2

Manual Integrations APPROVED
MMDadoda
3/22/2021 4:14:11 PM



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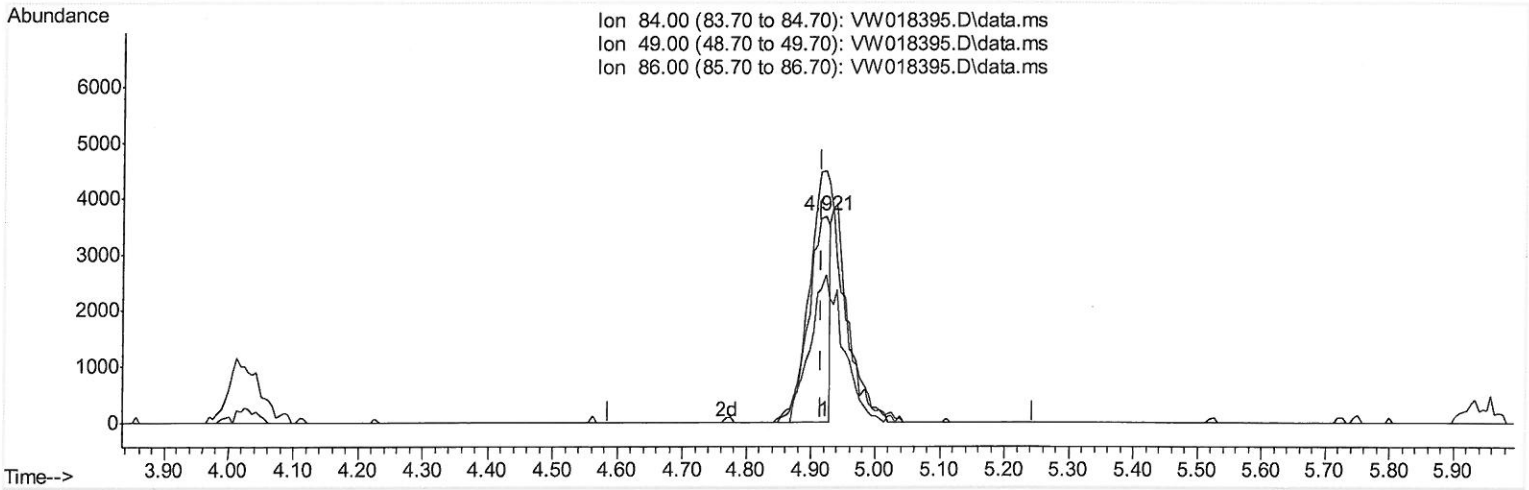

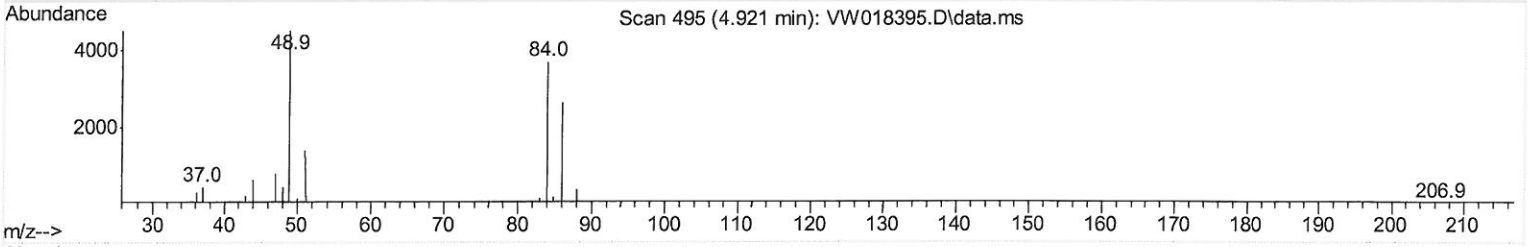

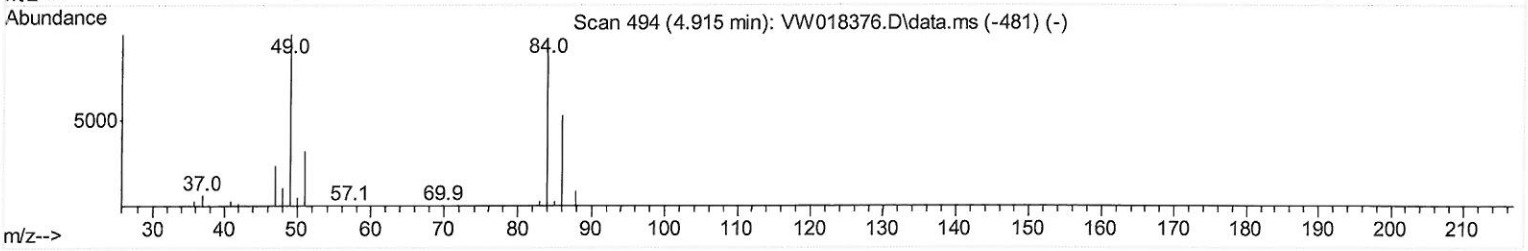

TIC: VW018395.D\data.ms

(16) Methylene chloride (T)

4.921min (+ 0.006) 2.37 ug/L

response 8436

Ion	Exp%	Act%
84.00	100.00	100.00
49.00	106.30	121.95
86.00	65.90	71.30
0.00	0.00	0.00

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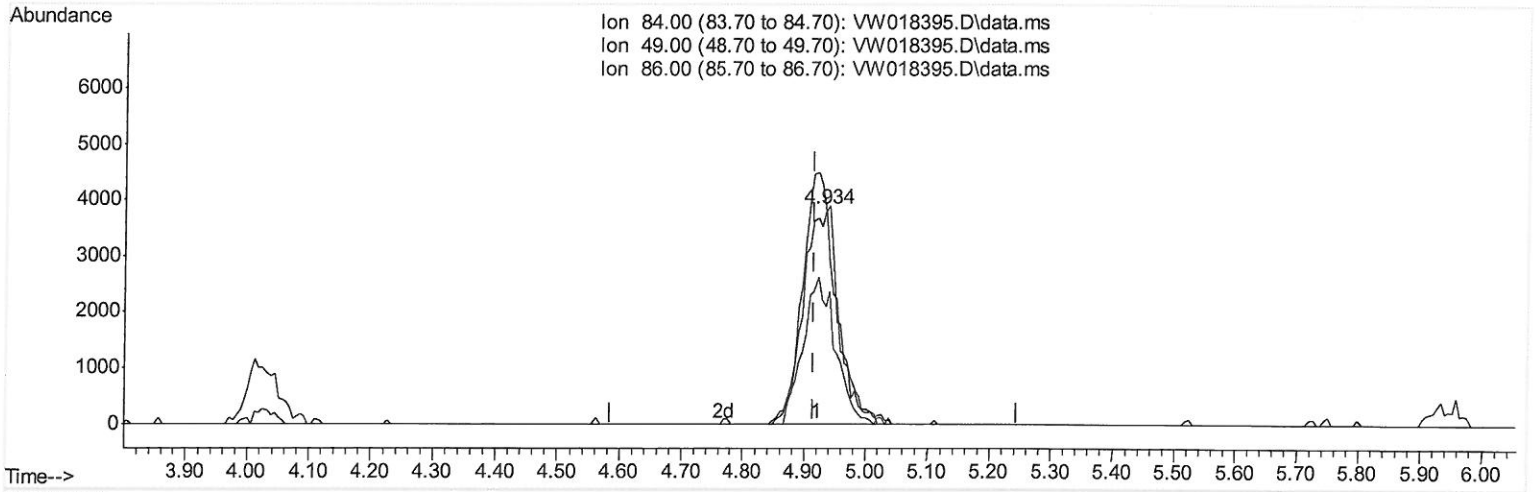
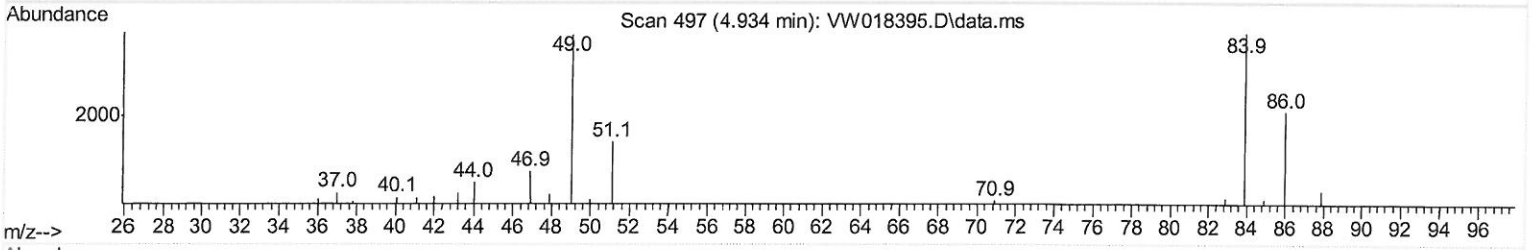
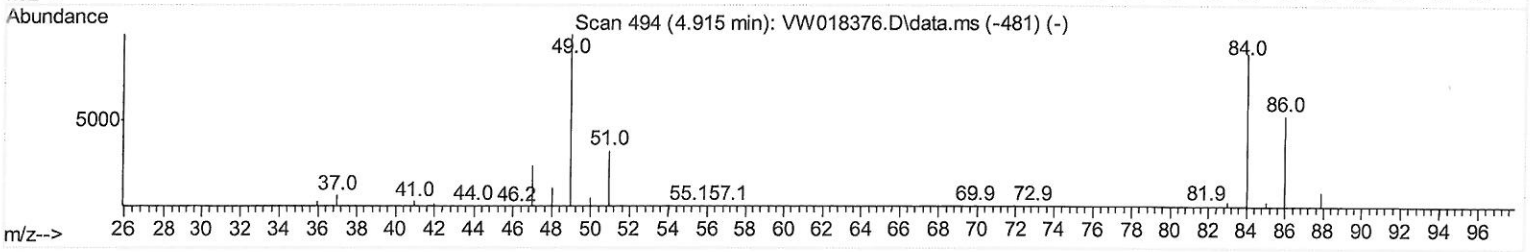
Manual Integrations APPROVED
MMDadoda
3/22/2021 4:14:11 PM







TIC: VW018395.D\data.ms

(16) Methylene chloride (T)

4.934min (+ 0.018) 4.15 ug/L m

response 14728

Ion	Exp%	Act%
84.00	100.00	100.00
49.00	106.30	98.78
86.00	65.90	54.56
0.00	0.00	0.00

JMD 3/30/21

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Instrument : MSVOA_W
ClientSampleId : BG4H2

Manual Integrations APPROVED
MMDadoda
3/22/2021 4:14:11 PM

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	216608	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	150241	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	40097	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	89393	29.66	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 118.64%			
7) Chloroethane-d5	2.891	69	83441	31.62	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 126.48%			
10) 1,1-Dichloroethene-d2	4.025	63	95341	18.32	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 73.28%			
20) 2-Butanone-d5	7.079	46	87804	130.84	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 261.68%#			
24) Chloroform-d	7.646	84	144503	26.19	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 104.76%			
26) 1,2-Dichloroethane-d4	8.305	65	99629	30.93	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 123.72%			
29) Benzene-d6	8.274	84	280248	35.09	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 140.36%#			
33) 1,2-Dichloropropane-d6	9.274	67	85193	36.98	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 147.92%#			
37) Toluene-d8	10.323	98	223187	29.02	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 116.08%			
38) trans-1,3-Dichloroprop...	10.579	79	27077	22.79	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 91.16%			
39) 2-Hexanone-d5	10.920	63	62525	138.68	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 277.36%#			
48) 1,1,2,2-Tetrachloroeth...	12.688	84	83929	40.72	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 162.88%#			
61) 1,2-Dichlorobenzene-d4	13.853	152	35190	24.69	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 98.76%			
Target Compounds						Qvalue
5) Vinyl chloride	2.361	62	1308	0.32	ug/L	# 1
13) Acetone	4.117	43	27393	56.82	ug/L	95
14) Carbon disulfide	4.391	76	23575	2.88	ug/L	98
16) Methylene chloride	4.934	84	14728m	4.15	ug/L	
21) 2-Butanone	7.171	43	7614	9.94	ug/L	73
35) Trichloroethene	9.091	95	4037	1.68	ug/L	95
47) Tetrachloroethene	10.859	164	50213	27.51	ug/L	90

MD 3/30/21

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