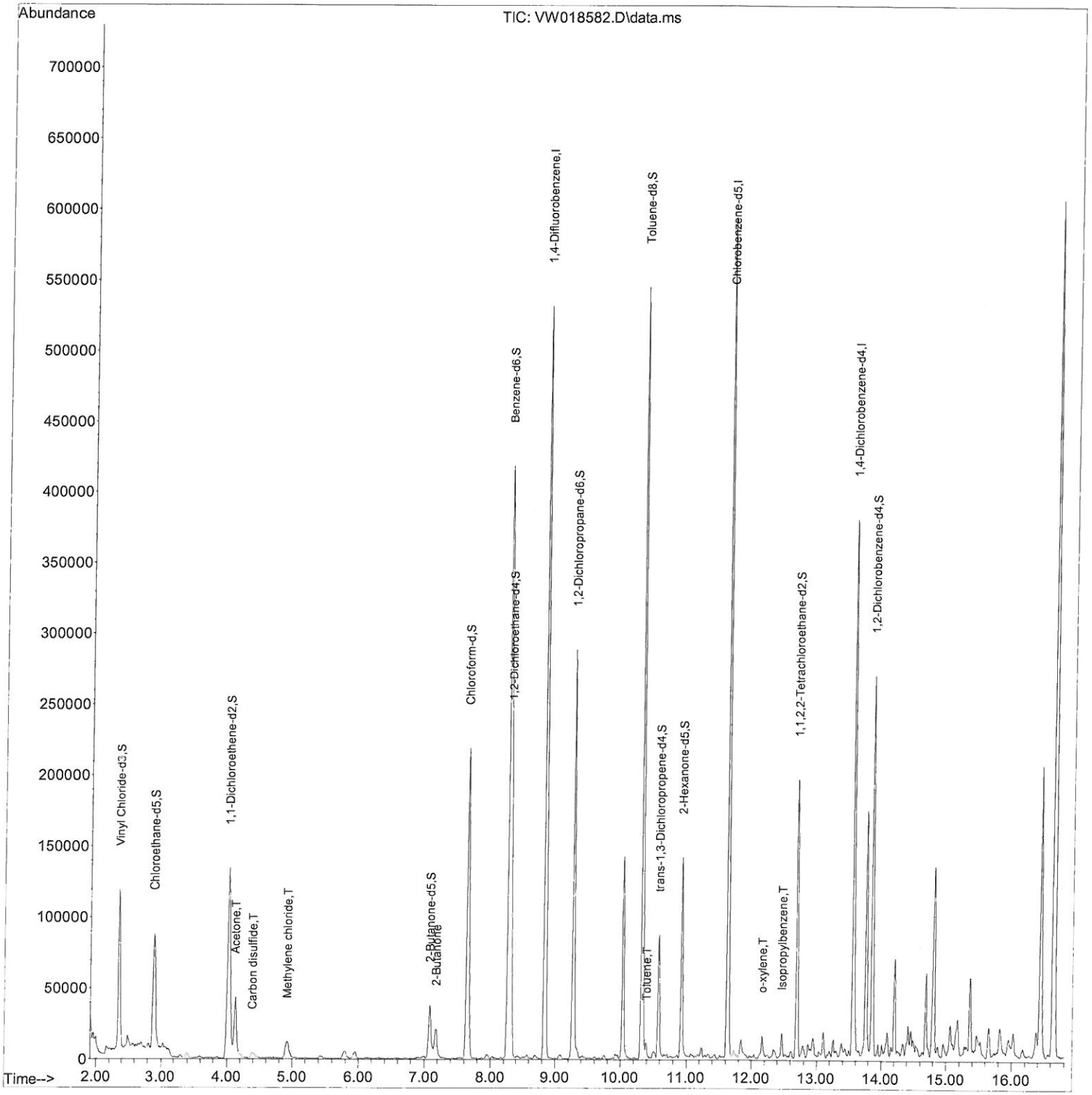
Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040721\
Data File : VW018582.D
Acq On : 07 Apr 2021 15:42
Operator : SY/VA
Sample : M1881-10RE
Misc : 4.90G/10ML/MSVOA_W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Apr 08 05:37:03 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
Quant Title : VOC Analysis
QLast Update : Thu Apr 08 05:34:15 2021
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
ESQG7RE

Manual Integrations APPROVED
MMDadoda
4/9/2021 9:27:33 AM



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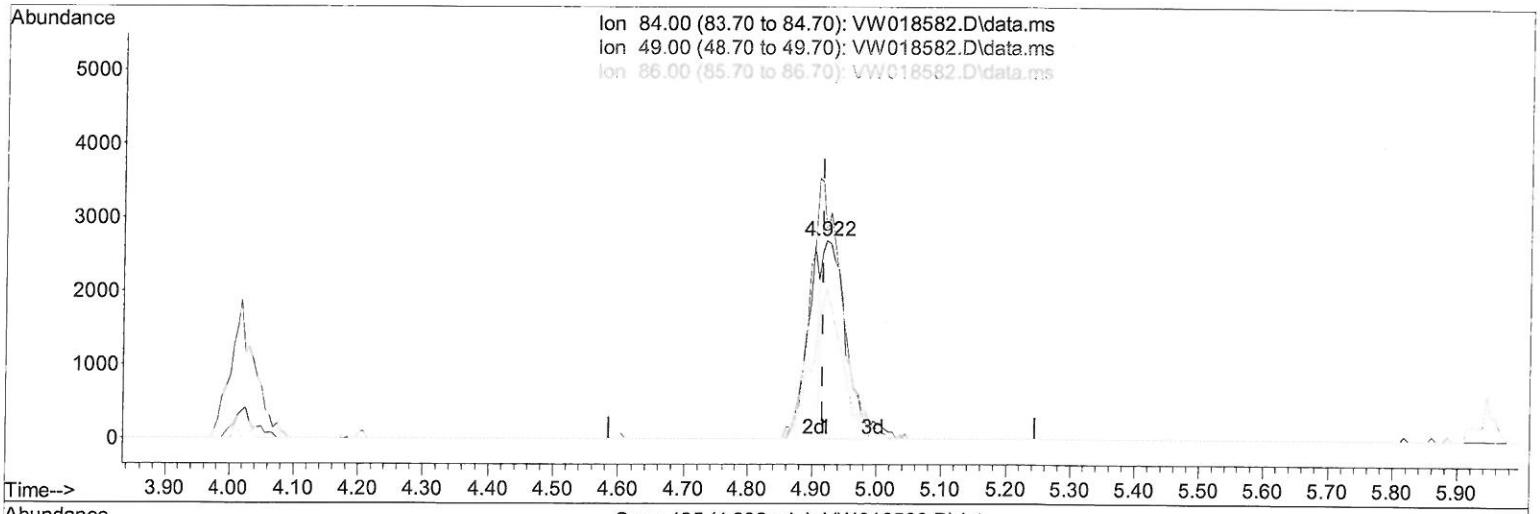

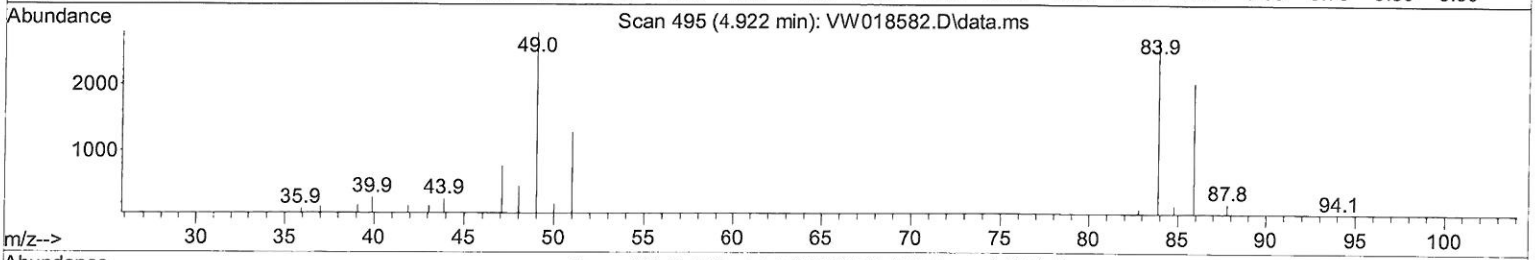

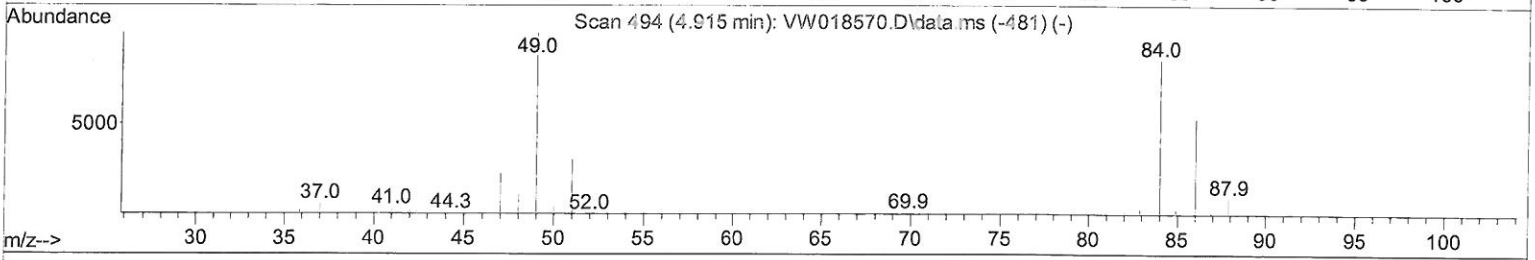

TIC: VW018582.D\data.ms

(16) Methylene chloride (T)

4.922min (+ 0.006) 0.93 ug/L

response 6763

Ion	Exp%	Act%
84.00	100.00	100.00
49.00	106.30	103.57
86.00	65.90	75.59
0.00	0.00	0.00

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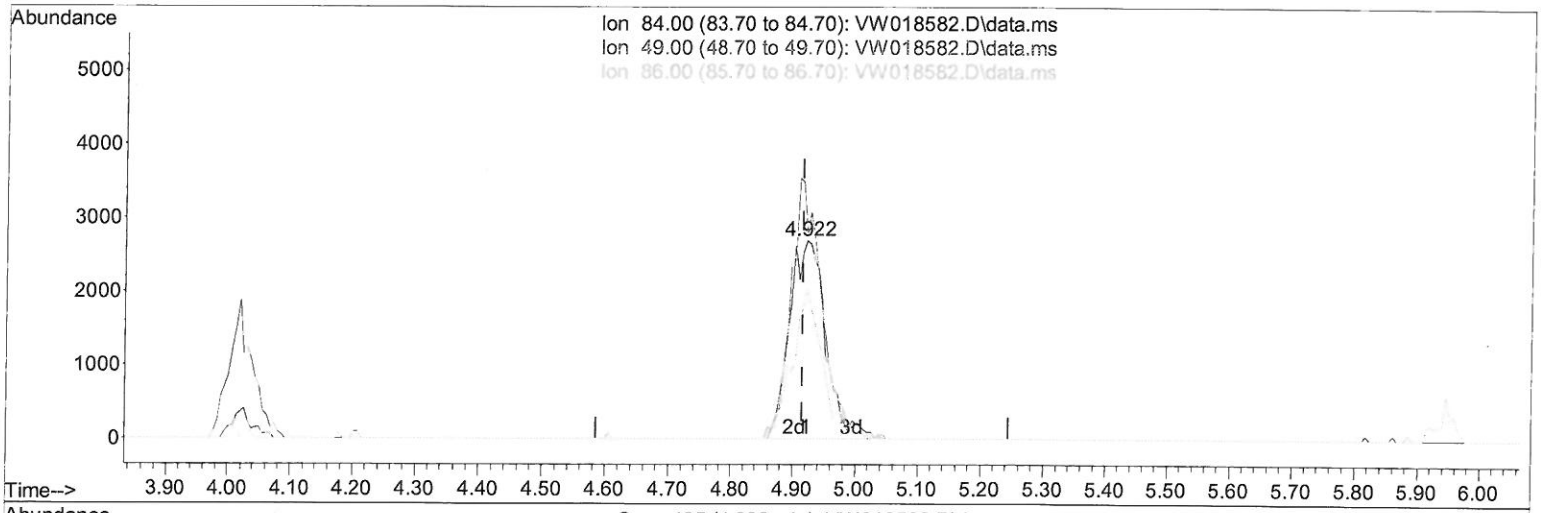
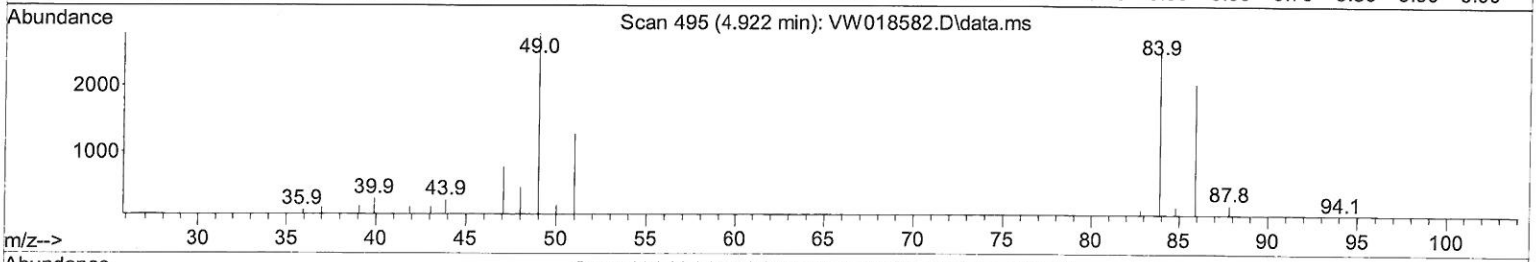
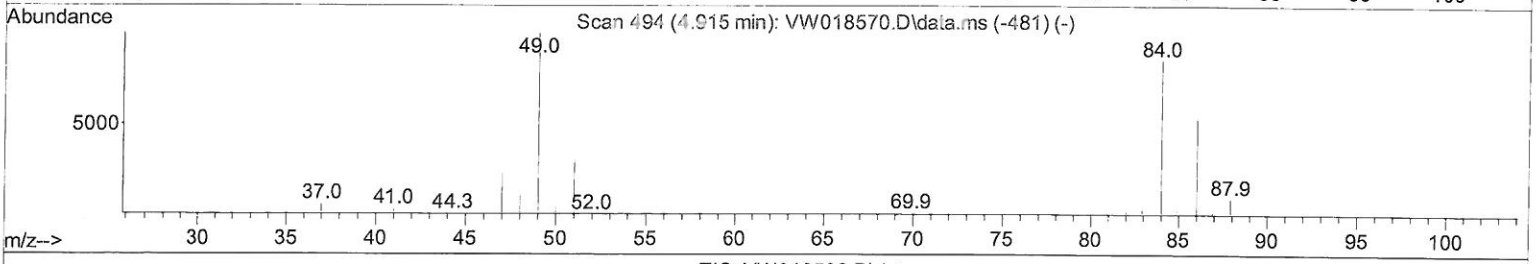
MMDadoda
4/9/2021 9:27:33 AM







TIC: VW018582.D\data.ms

(16) Methylene chloride (T)

4.922min (+ 0.006) 1.49 ug/L m

response 10759

Ion	Exp%	Act%
84.00	100.00	100.00
49.00	106.30	103.57
86.00	65.90	75.59
0.00	0.00	0.00

MD
4/12/21

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Instrument : MSVOA_W
ClientSampleId : ESQG7RE

Manual Integrations APPROVED
MMDadoda
4/9/2021 9:27:33 AM

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	441475	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	325105	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.554	152	97215	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	129407	21.06	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 84.24%			
7) Chloroethane-d5	2.891	69	105846	19.68	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 78.72%			
10) 1,1-Dichloroethene-d2	4.019	63	148445	13.99	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 55.96%			
20) 2-Butanone-d5	7.080	46	61872	45.24	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 90.48%			
24) Chloroform-d	7.647	84	221919	19.74	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 78.96%			
26) 1,2-Dichloroethane-d4	8.305	65	140147	21.35	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 85.40%			
29) Benzene-d6	8.275	84	425290	24.61	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 98.44%			
33) 1,2-Dichloropropane-d6	9.274	67	126010	25.28	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 101.12%			
37) Toluene-d8	10.323	98	364362	21.90	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 87.60%			
38) trans-1,3-Dichloroprop...	10.579	79	46555	18.11	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 72.44%			
39) 2-Hexanone-d5	10.927	63	46836	48.01	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 96.02%			
48) 1,1,2,2-Tetrachloroeth...	12.688	84	94121	21.11	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 84.44%			
61) 1,2-Dichlorobenzene-d4	13.853	152	67312	19.48	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 77.92%			
Target Compounds						Qvalue
13) Acetone	4.123	43	73576	74.88	ug/L	100
14) Carbon disulfide	4.385	76	7009	0.42	ug/L	96
16) Methylene chloride	4.922	84	10759m	1.49	ug/L	
21) 2-Butanone	7.177	43	31187	19.98	ug/L	72
44) Toluene	10.396	91	7922	0.37	ug/L	92
55) o-xylene	12.164	106	3778	0.43	ug/L	98
57) Isopropylbenzene	12.463	105	9149	0.38	ug/L #	91

MD 4/12/21

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