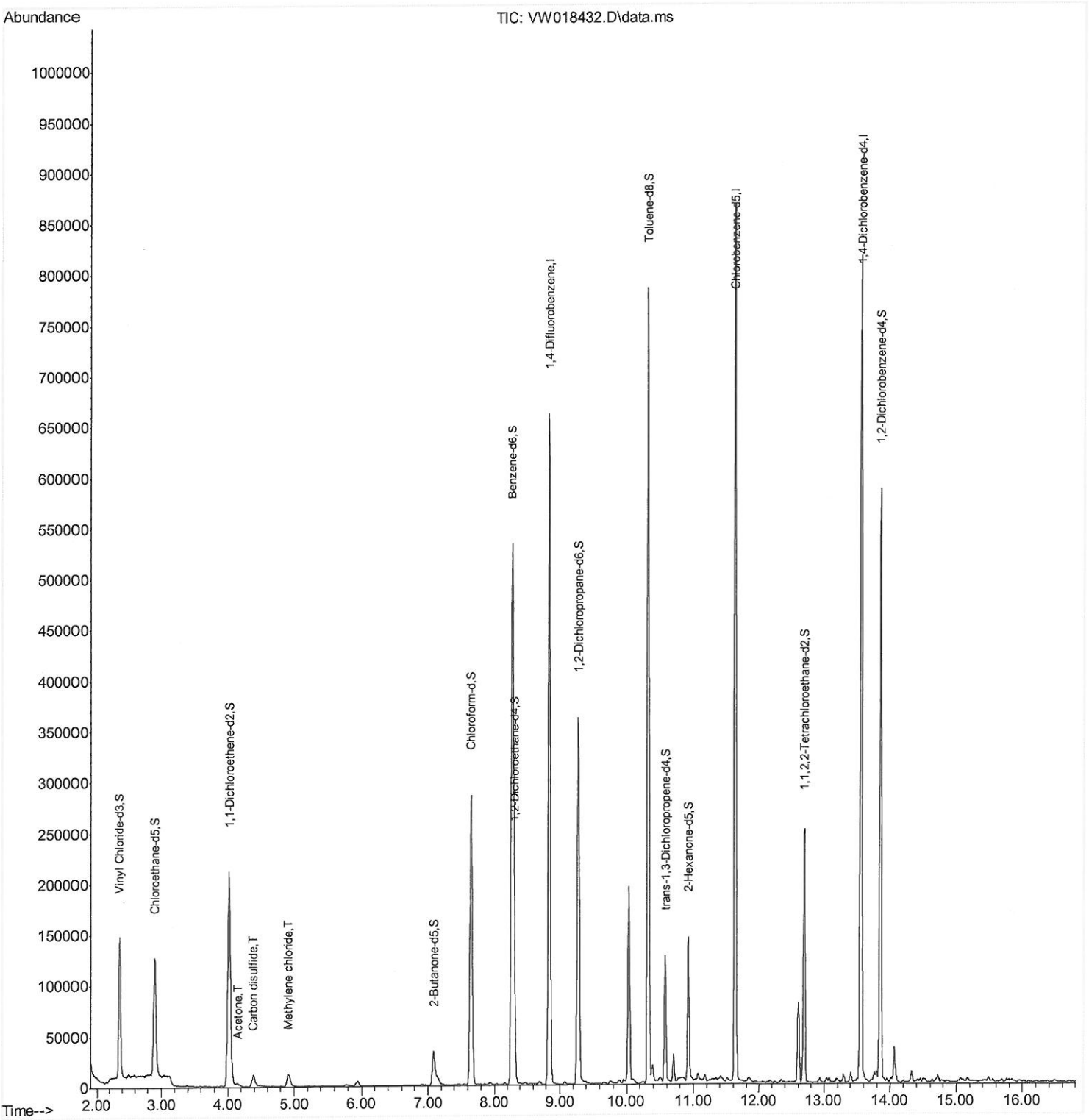
Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032321\
Data File : VW018432.D
Acq On : 23 Mar 2021 17:28
Operator : SY/VA
Sample : M1781-11
Misc : 5.80G/10ML/MSVOA_W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Mar 24 01:27:24 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
Quant Title : VOC Analysis
QLast Update : Wed Mar 24 01:23:39 2021
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
BG4S0

Manual Integrations APPROVED
SAM
3/26/2021 6:06:07 PM



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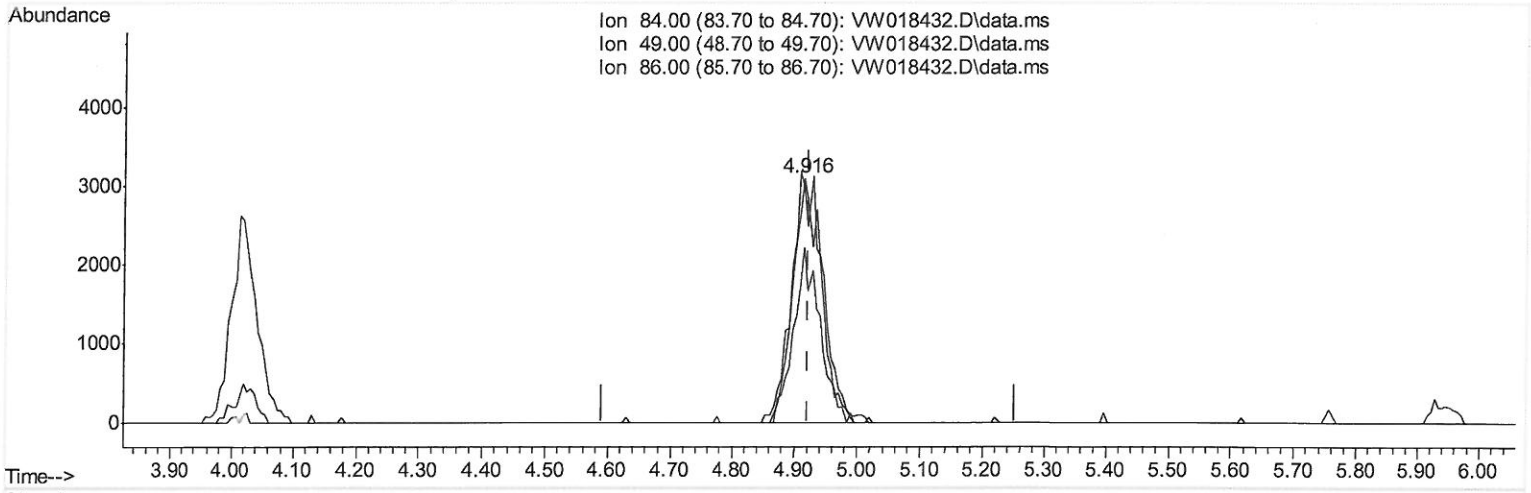

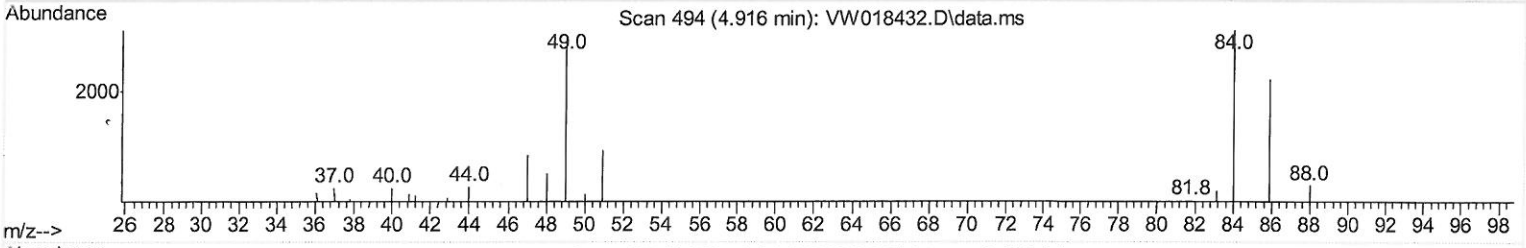

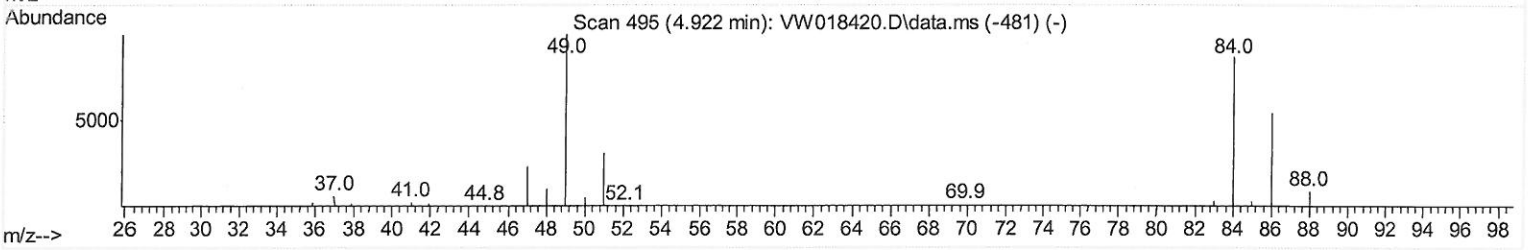

TIC: VW018432.D\data.ms

(16) Methylene chloride (T)

4.916min (-0.006) 1.09 ug/L m

response 9693

Ion	Exp%	Act%
84.00	100.00	100.00
49.00	106.30	96.09
86.00	65.90	72.00
0.00	0.00	0.00

> MB
3/30/21

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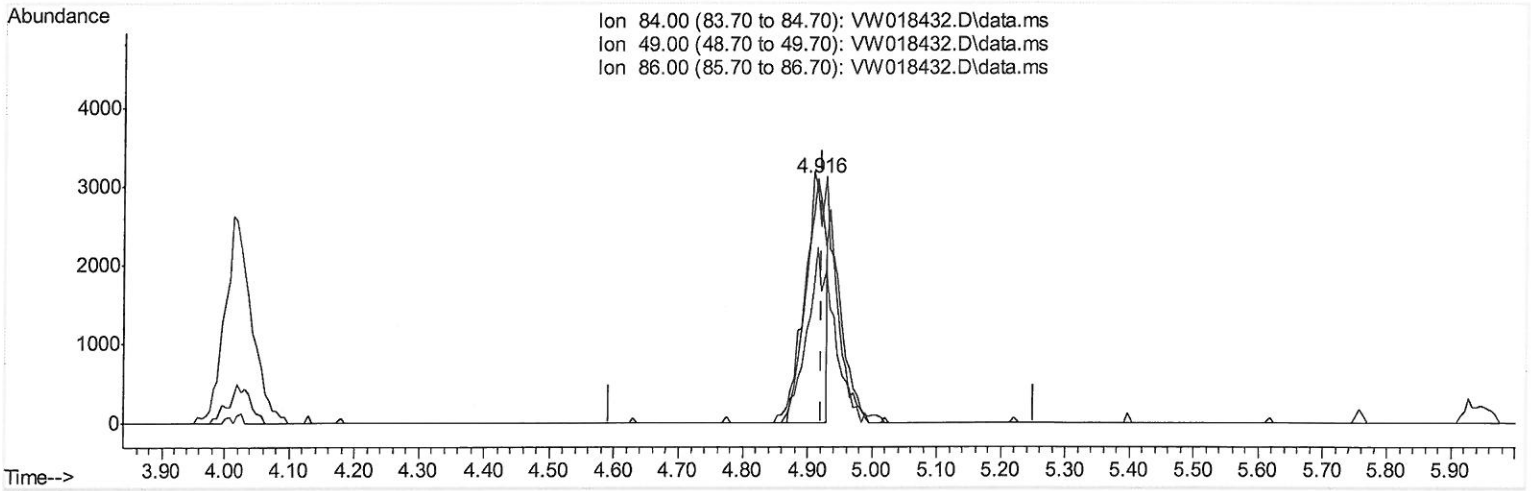
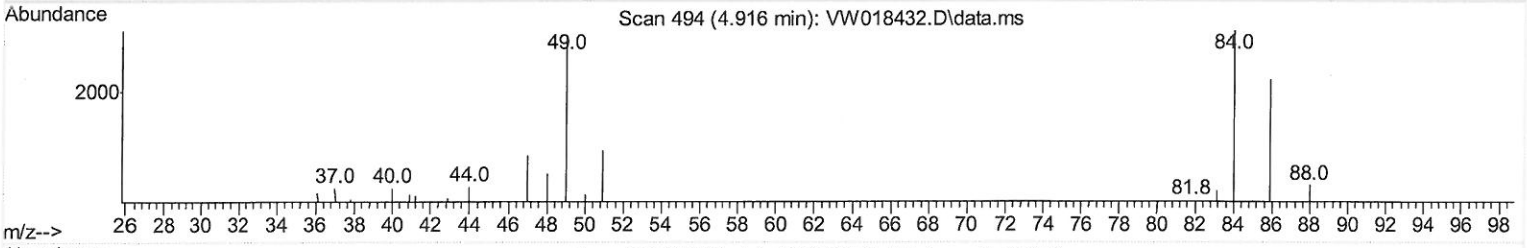
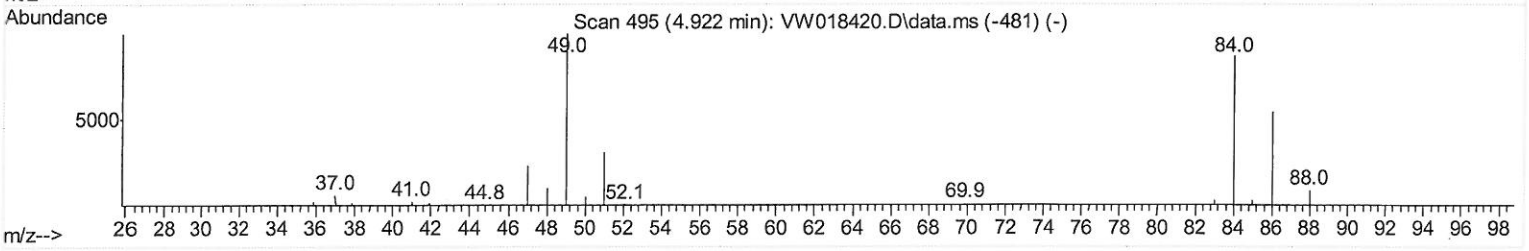
Manual Integrations APPROVED
SAM
3/26/2021 6:06:07 PM







TIC: VW018432.D\data.ms

(16) Methylene chloride (T)

4.916min (-0.006) 0.72 ug/L

response 6434

Ion	Exp%	Act%
84.00	100.00	100.00
49.00	106.30	96.09
86.00	65.90	72.00
0.00	0.00	0.00

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ClientSampleId : BG4S0

Manual Integrations APPROVED
SAM
3/26/2021 6:06:07 PM

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	543120	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	473815	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	192121	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	162425	21.49	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 85.96%			
7) Chloroethane-d5	2.892	69	153120	23.14	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 92.56%			
10) 1,1-Dichloroethene-d2	4.019	63	212518	16.29	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 65.16%			
20) 2-Butanone-d5	7.086	46	57687	34.28	ug/L	0.01
Spiked Amount 50.000	Range 20 - 135		Recovery = 68.56%			
24) Chloroform-d	7.647	84	282093	20.39	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 81.56%			
26) 1,2-Dichloroethane-d4	8.311	65	159153	19.71	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 78.84%			
29) Benzene-d6	8.275	84	543355	21.57	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 86.28%			
33) 1,2-Dichloropropane-d6	9.274	67	155877	21.45	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 85.80%			
37) Toluene-d8	10.323	98	492829	20.32	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 81.28%			
38) trans-1,3-Dichloroprop...	10.579	79	62368	16.64	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 66.56%			
39) 2-Hexanone-d5	10.927	63	48365	34.01	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 68.02%			
48) 1,1,2,2-Tetrachloroeth...	12.689	84	119018	18.31	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 73.24%			
61) 1,2-Dichlorobenzene-d4	13.853	152	137325	20.11	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 80.44%			
Target Compounds						Qvalue
13) Acetone	4.147	43	4782	3.96	ug/L	70
14) Carbon disulfide	4.385	76	24604	1.20	ug/L #	93
16) Methylene chloride	4.916	84	9693m	1.09	ug/L	

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

MB 3/30/21