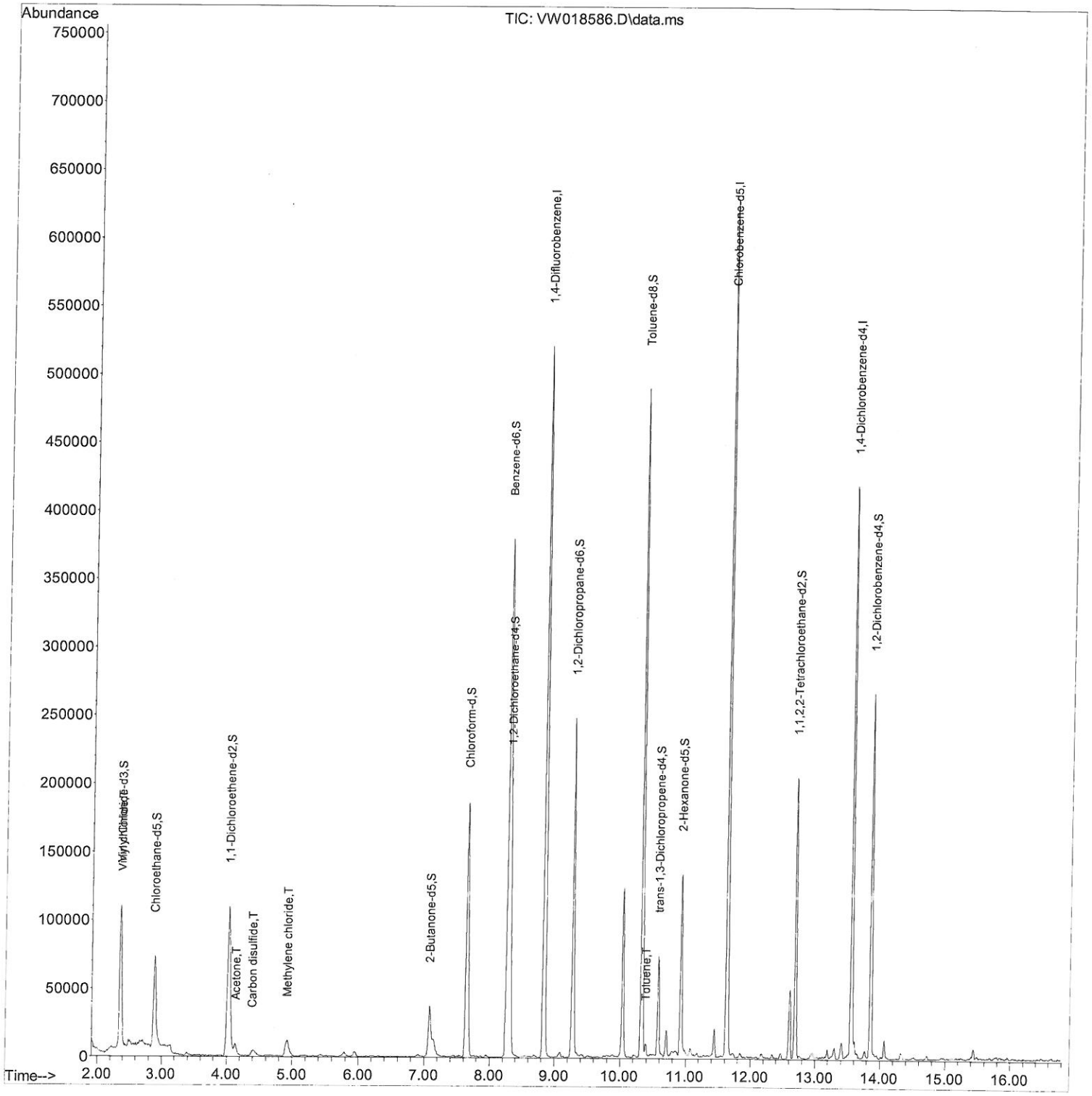
Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040721\
Data File : VW018586.D
Acq On : 07 Apr 2021 17:18
Operator : SY/VA
Sample : M1968-03
Misc : 6.10G/10ML/MSVOA_W/SOIL
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Apr 08 05:38:15 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 :
BG5A7

Manual Integrations APPROVED
MMDadoda
4/9/2021 9:27:55 AM



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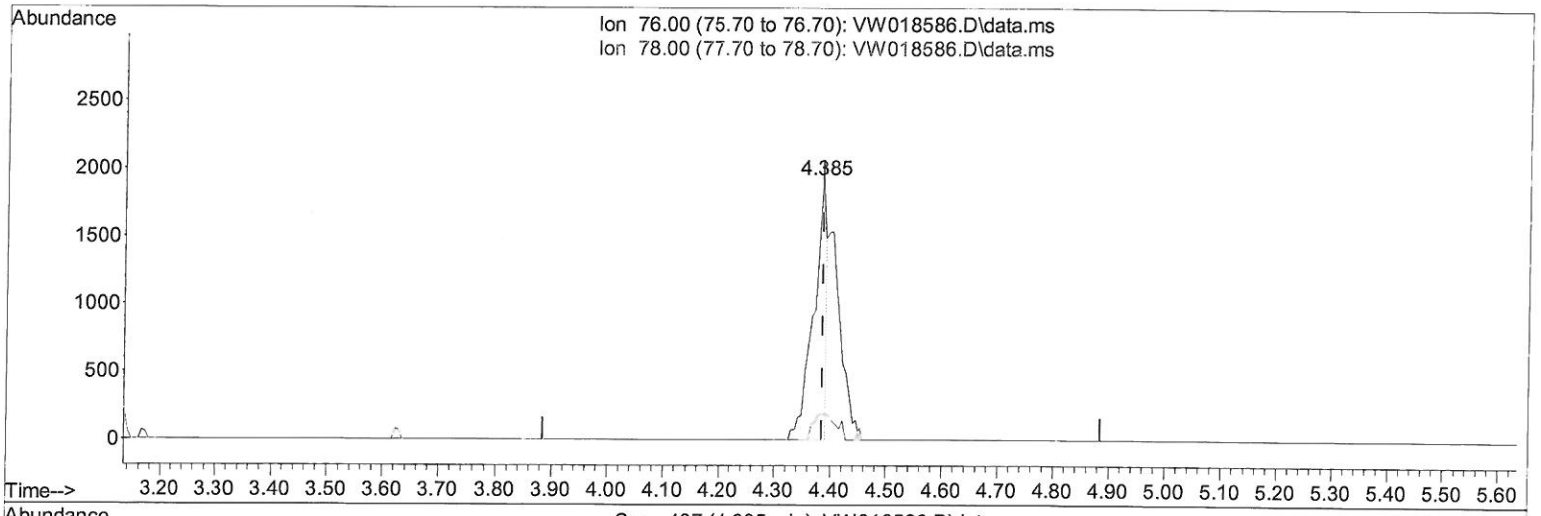

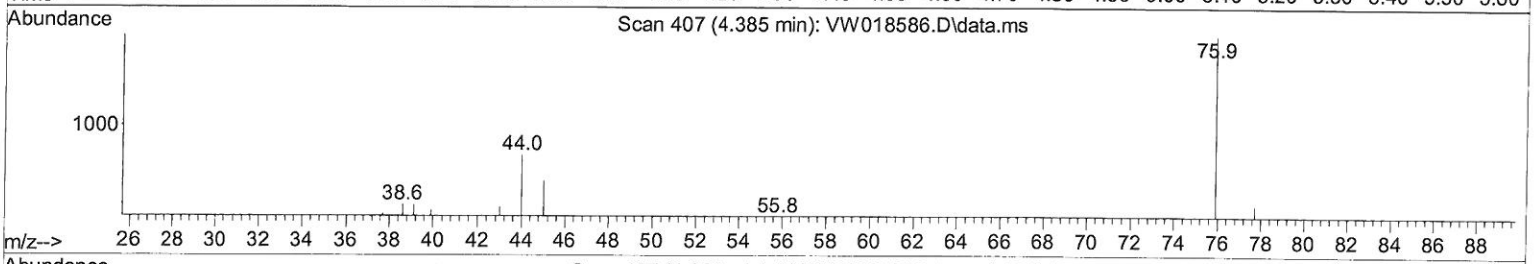

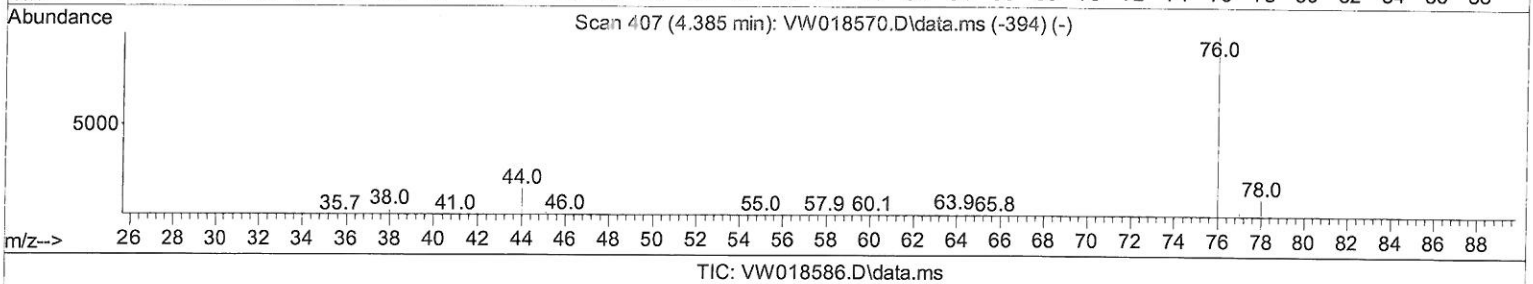

TIC: VW018586.D\data.ms

(14) Carbon disulfide (T)

4.385min (-0.000) 0.19 ug/L

response 3065

Ion	Exp%	Act%
76.00	100.00	100.00
78.00	9.30	9.82
0.00	0.00	0.00
0.00	0.00	0.00

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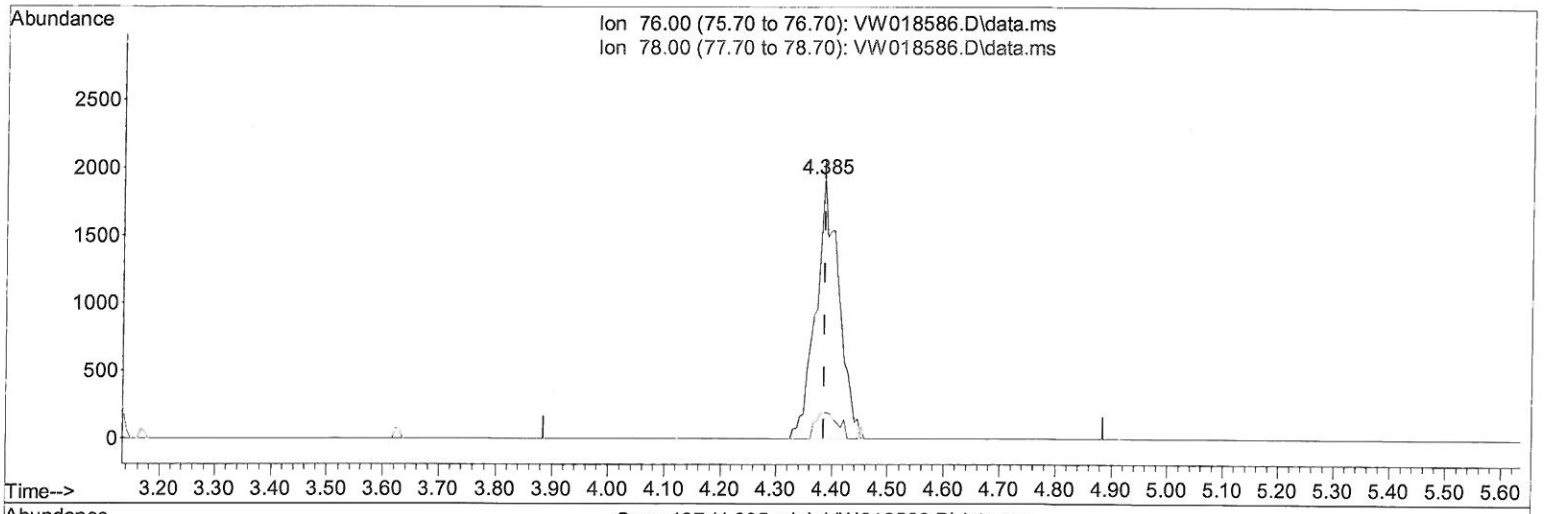

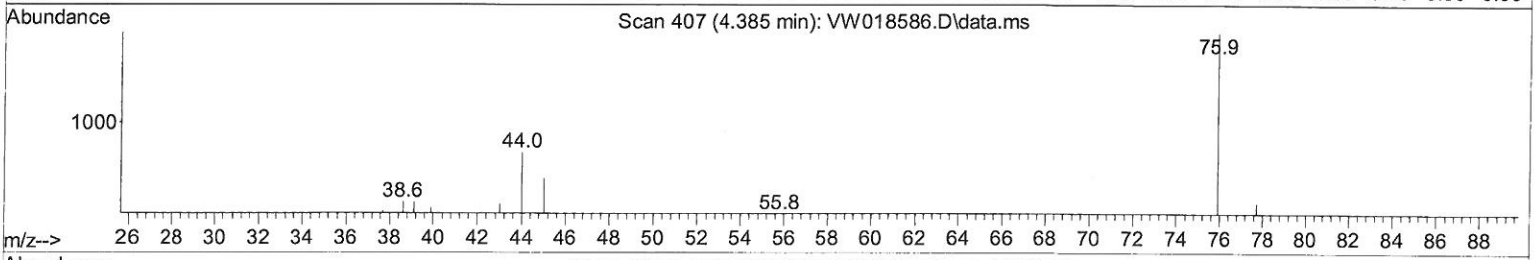

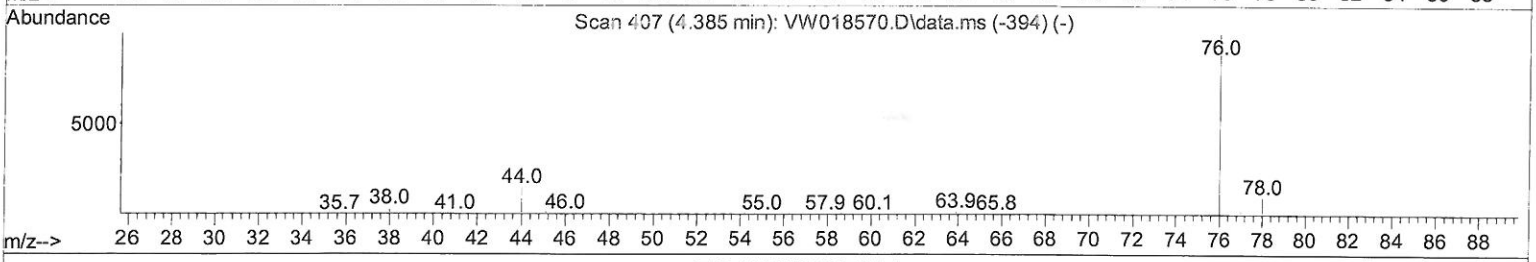

TIC: VW018586.D\data.ms

(14) Carbon disulfide (T)

4.385min (-0.000) 0.33 ug/L m

response 5521

> MD 4/12/21

Ion	Exp%	Act%
76.00	100.00	100.00
78.00	9.30	9.82
0.00	0.00	0.00
0.00	0.00	0.00

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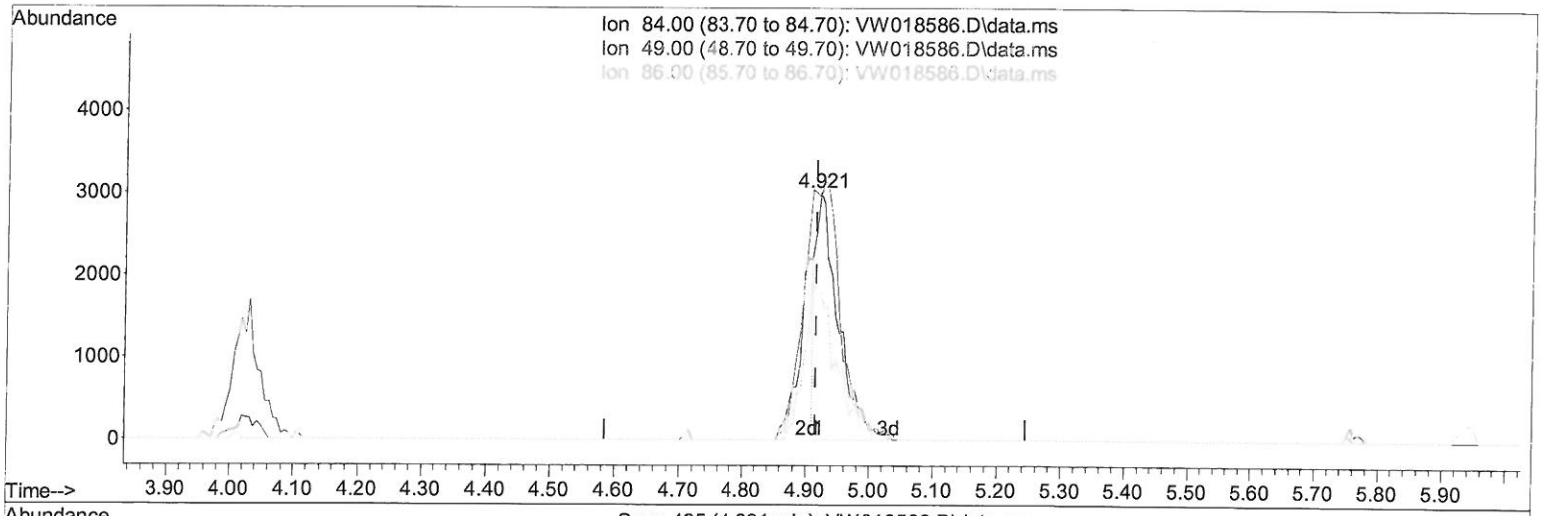

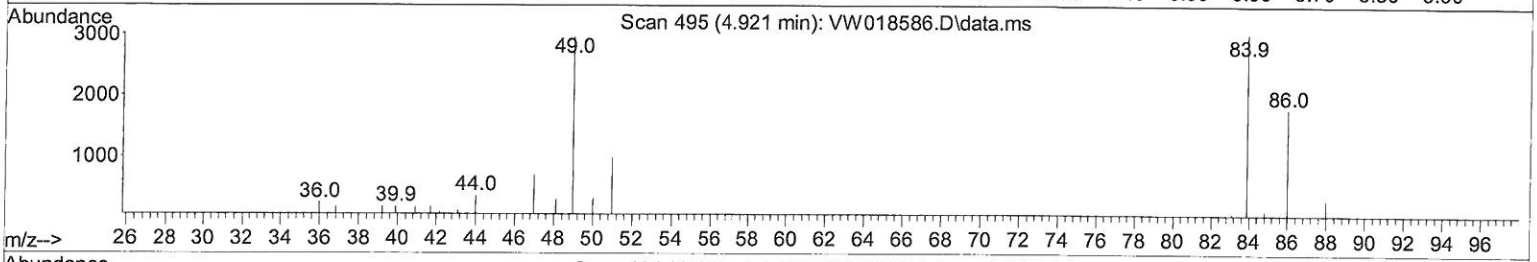

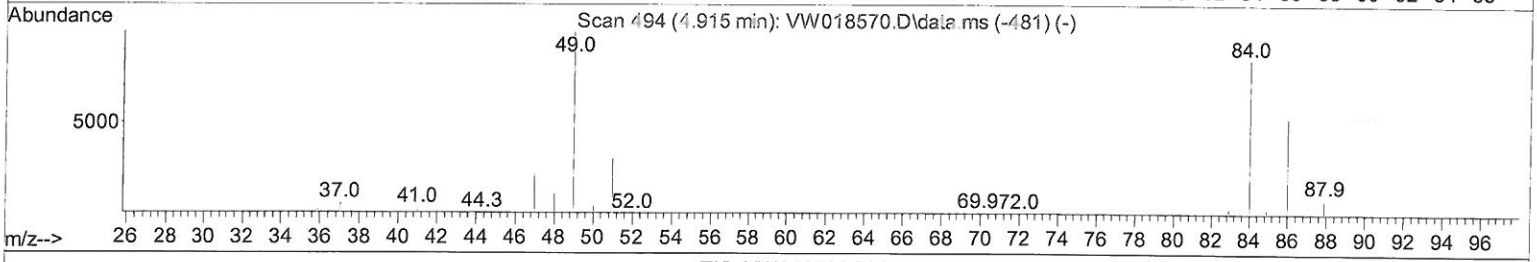

TIC: VW018586.D\data.ms

(16) Methylene chloride (T)

4.921min (+ 0.006) 1.02 ug/L

response 7346

Ion	Exp%	Act%
84.00	100.00	100.00
49.00	106.30	97.87
86.00	65.90	59.42
0.00	0.00	0.00

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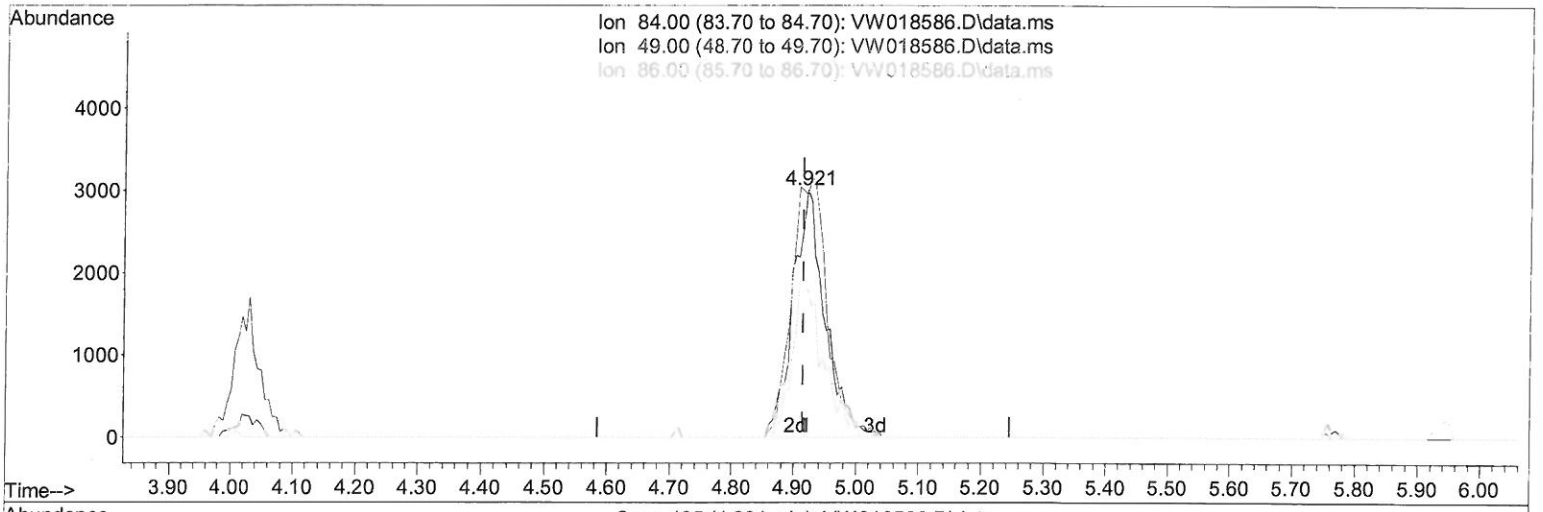

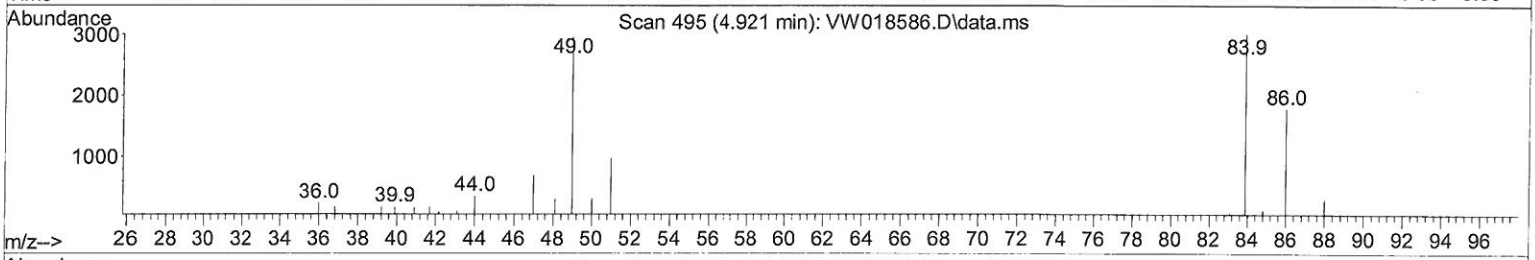

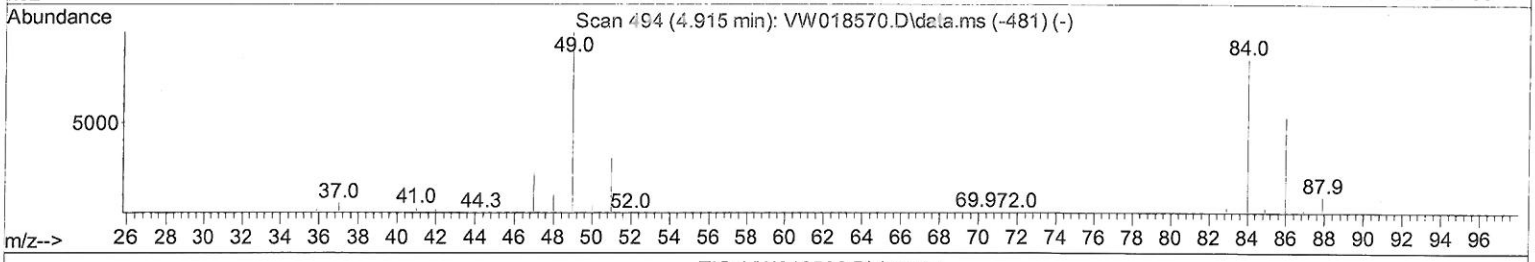

TIC: VW018586.D\data.ms

(16) Methylene chloride (T)

4.921min (+ 0.006) 1.50 ug/L m

response 10795

Ion	Exp%	Act%
84.00	100.00	100.00
49.00	106.30	97.87
86.00	65.90	59.42
0.00	0.00	0.00

MD 4/12/21

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	438213	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	343959	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	106200	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	111089	18.22	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 72.88%			
7) Chloroethane-d5	2.891	69	88649	16.61	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 66.44%			
10) 1,1-Dichloroethene-d2	4.025	63	123869	11.76	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 47.04%			
20) 2-Butanone-d5	7.080	46	63085	46.47	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 92.94%			
24) Chloroform-d	7.653	84	189832	17.01	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 68.04%			
26) 1,2-Dichloroethane-d4	8.305	65	121762	18.69	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 74.76%			
29) Benzene-d6	8.274	84	373557	20.43	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 81.72%			
33) 1,2-Dichloropropane-d6	9.274	67	108354	20.54	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 82.16%			
37) Toluene-d8	10.323	98	330865	18.79	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 75.16%			
38) trans-1,3-Dichloroprop...	10.579	79	39828	14.64	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 58.56%			
39) 2-Hexanone-d5	10.926	63	46307	44.86	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 89.72%			
48) 1,1,2,2-Tetrachloroeth...	12.688	84	96806	20.52	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 82.08%			
61) 1,2-Dichlorobenzene-d4	13.853	152	64368	17.05	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 68.20%#			
Target Compounds						Qvalue
5) Vinyl chloride	2.367	62	31214	3.75	ug/L	97
13) Acetone	4.135	43	13246	13.58	ug/L	91
14) Carbon disulfide	4.385	76	5521m	0.33	ug/L	
16) Methylene chloride	4.921	84	10795m	1.50	ug/L	
44) Toluene	10.384	91	6141	0.27	ug/L	87

MD 4/12/21

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