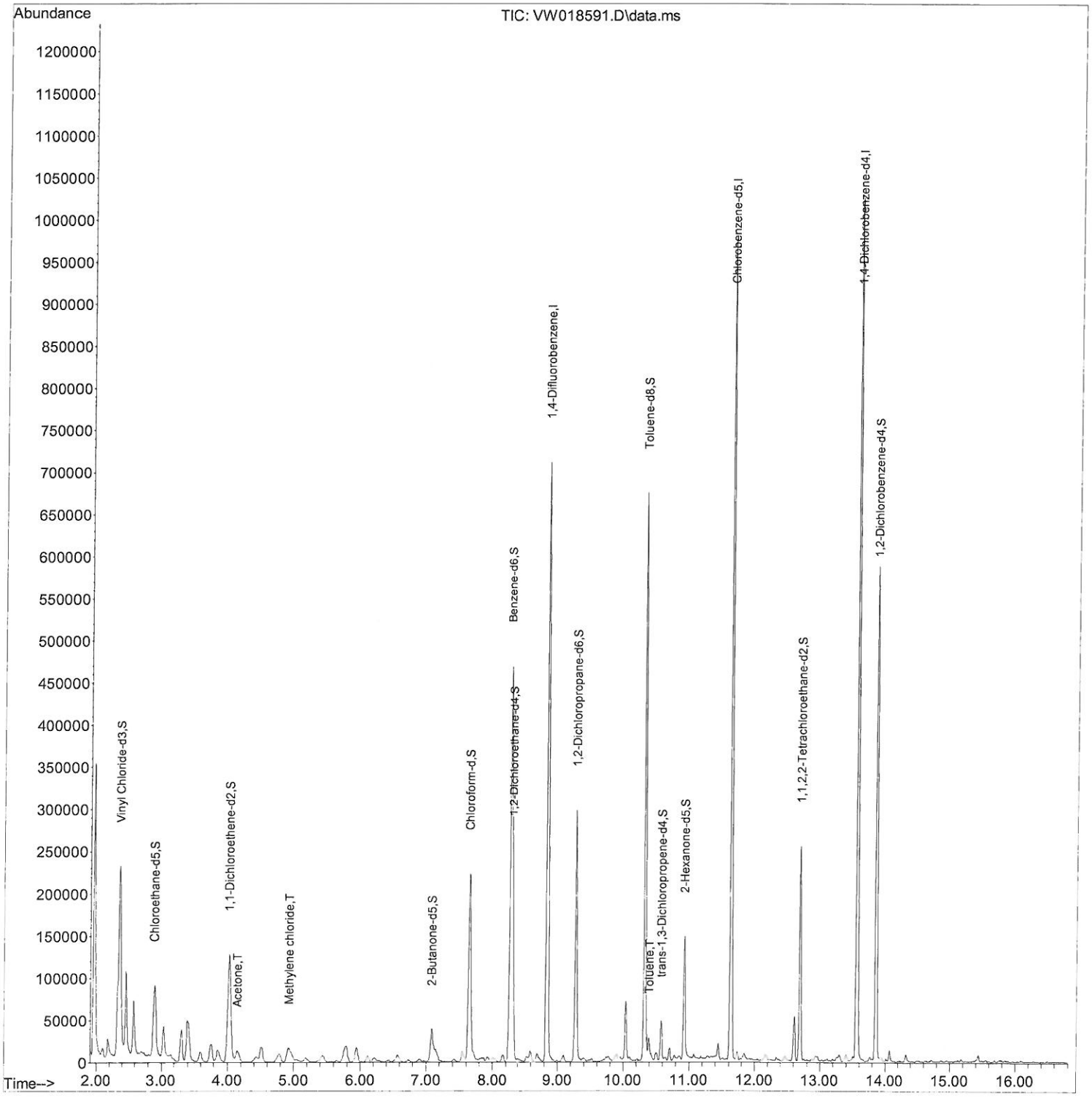
Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040721\
Data File : VW018591.D
Acq On : 07 Apr 2021 19:18
Operator : SY/VA
Sample : M1968-09
Misc : 6.00G/10ML/MSVOA_W/SOIL
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Apr 08 05:39:30 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 :
BG5B3

Manual Integrations APPROVED
MMDadoda
4/9/2021 9:28:05 AM



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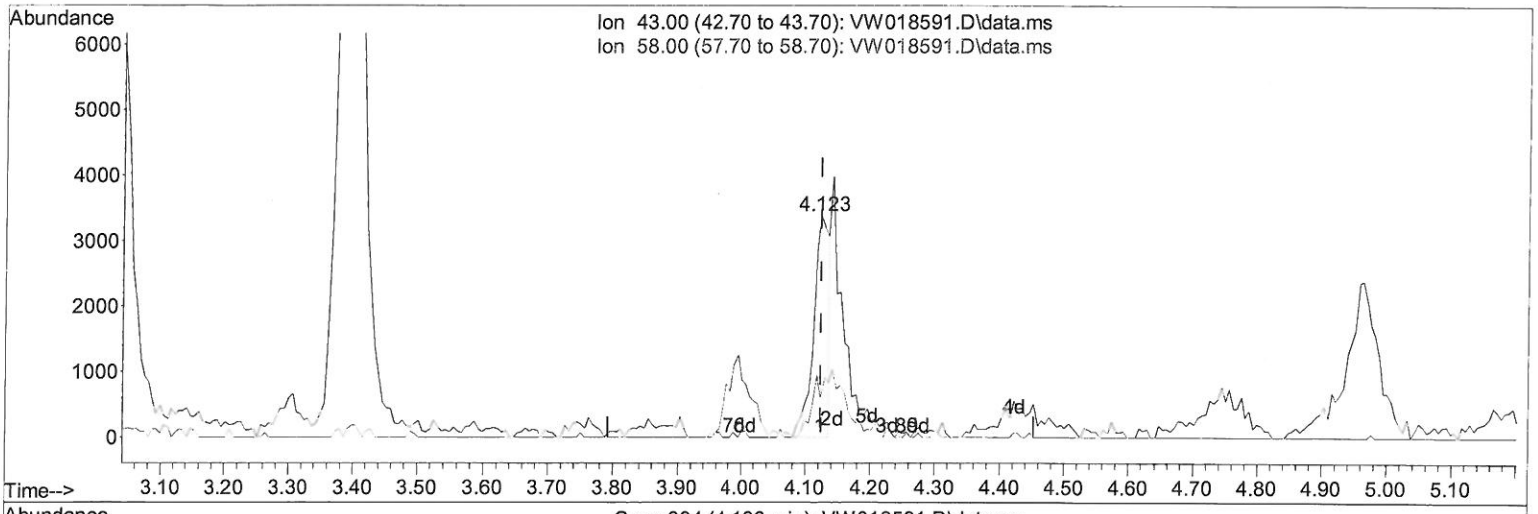

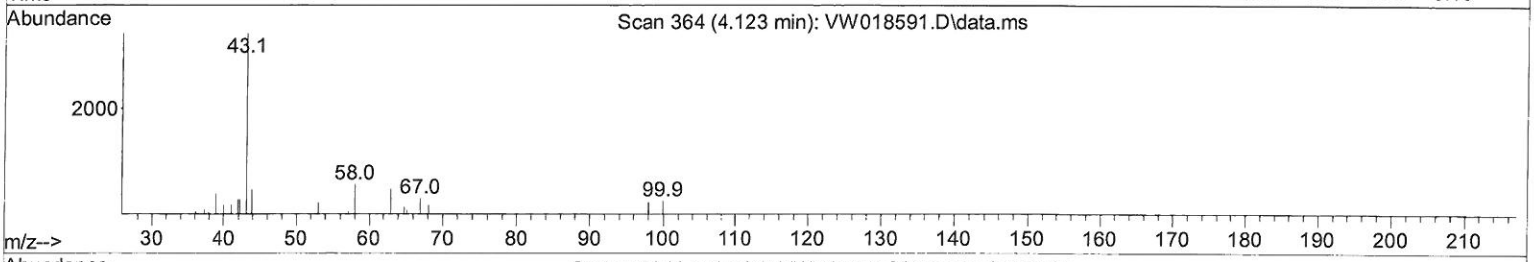

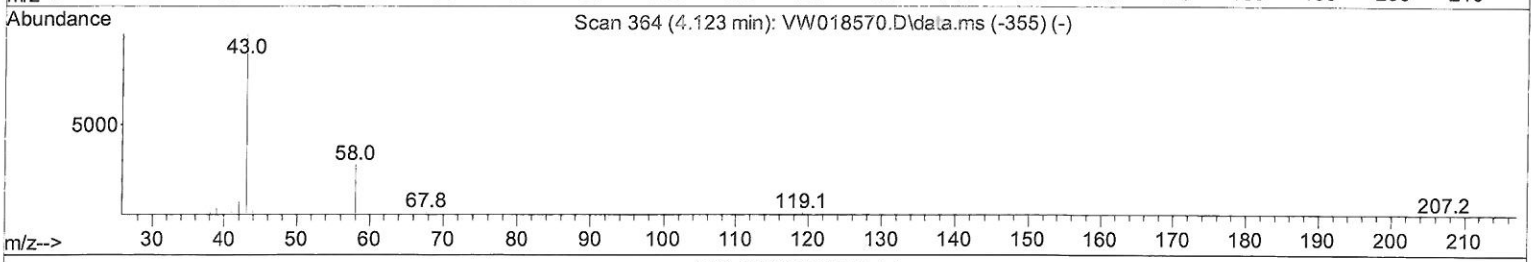

TIC: VW018591.D\data.ms

(13) Acetone (T)

4.123min (+ 0.000) 4.35 ug/L

response 5632

Ion	Exp%	Act%
43.00	100.00	100.00
58.00	31.10	16.74
0.00	0.00	0.00
0.00	0.00	0.00

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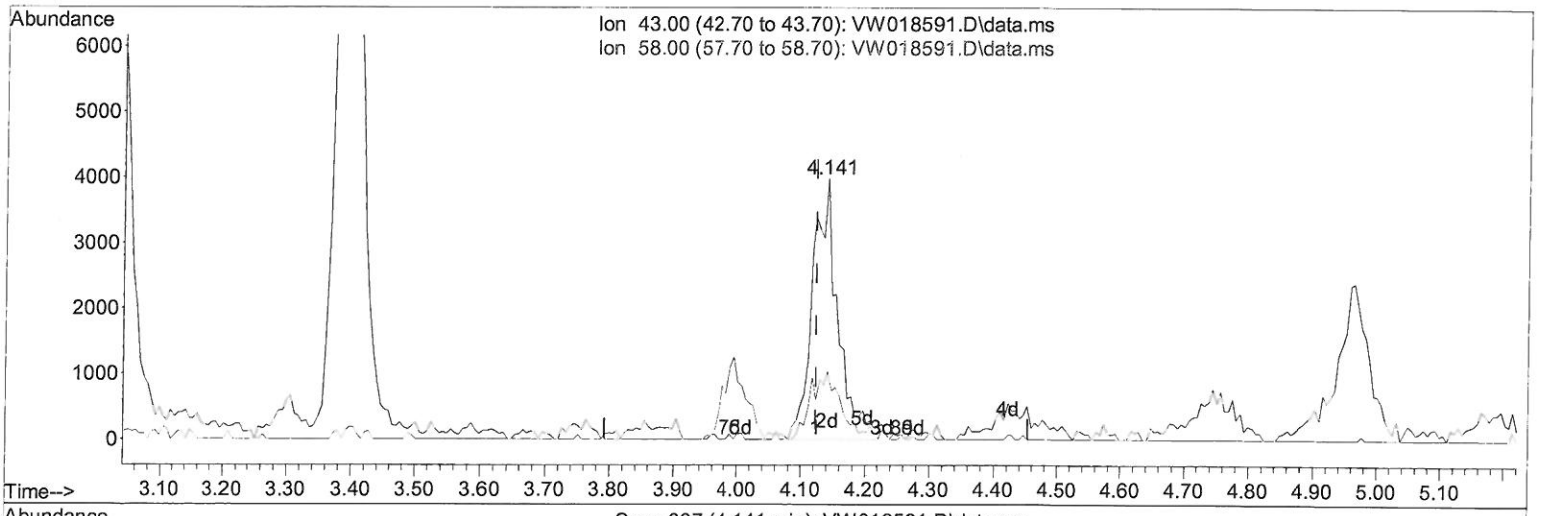

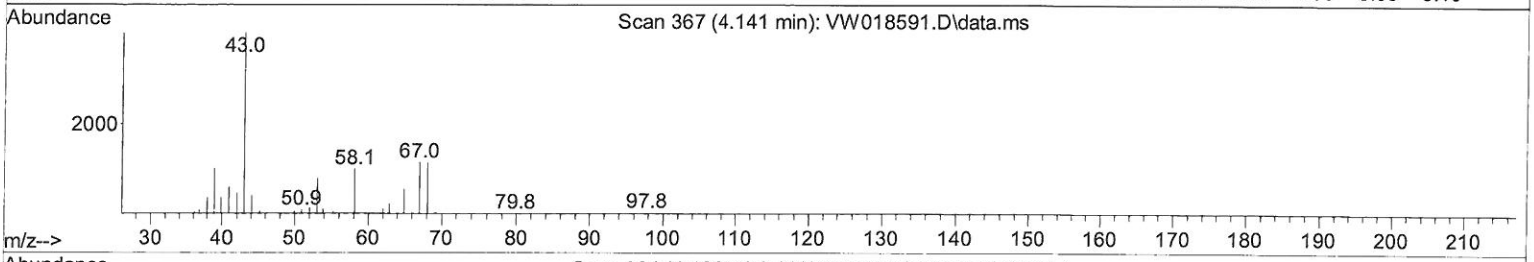

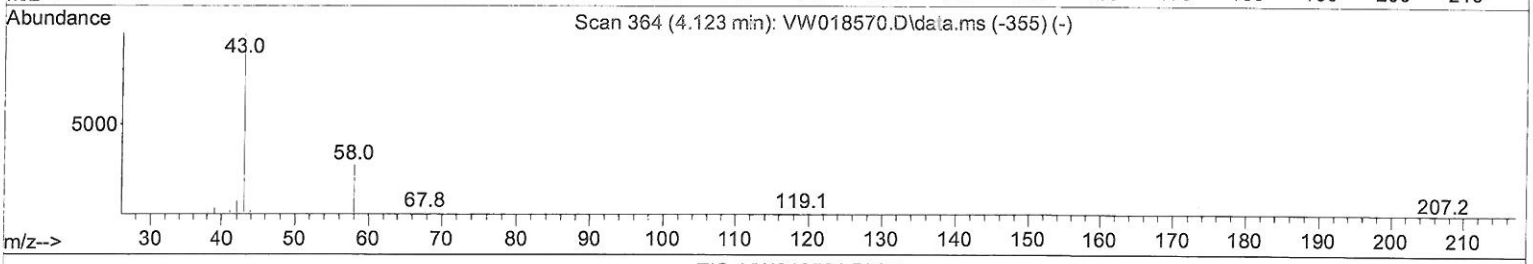

TIC: VW018591.D\data.ms

(13) Acetone (T)

4.141min (+ 0.018) 8.41 ug/L m

response 10898

Ion	Exp%	Act%
43.00	100.00	100.00
58.00	31.10	8.65
0.00	0.00	0.00
0.00	0.00	0.00

MD 4/12/21

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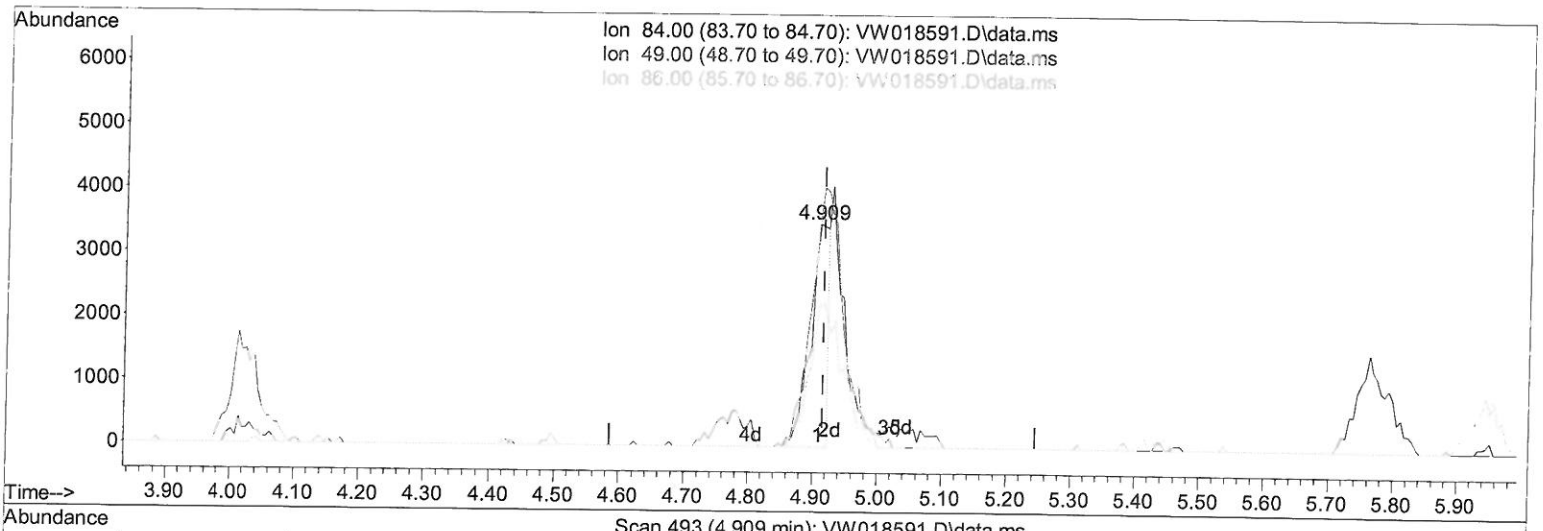

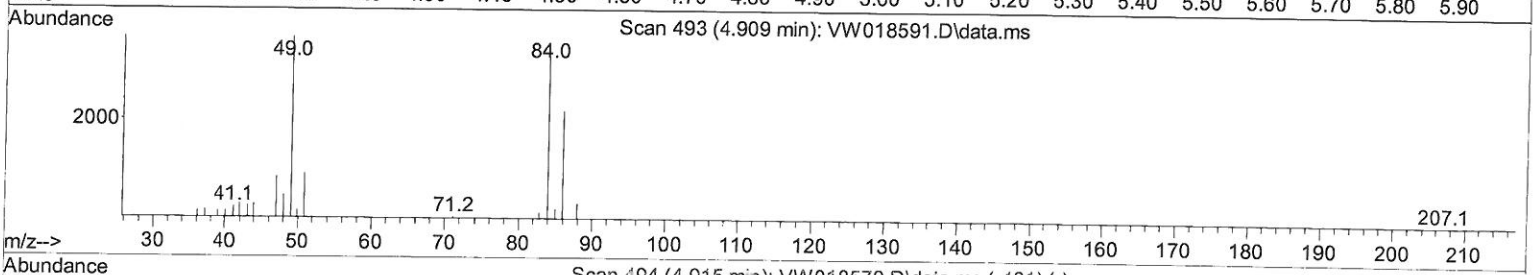

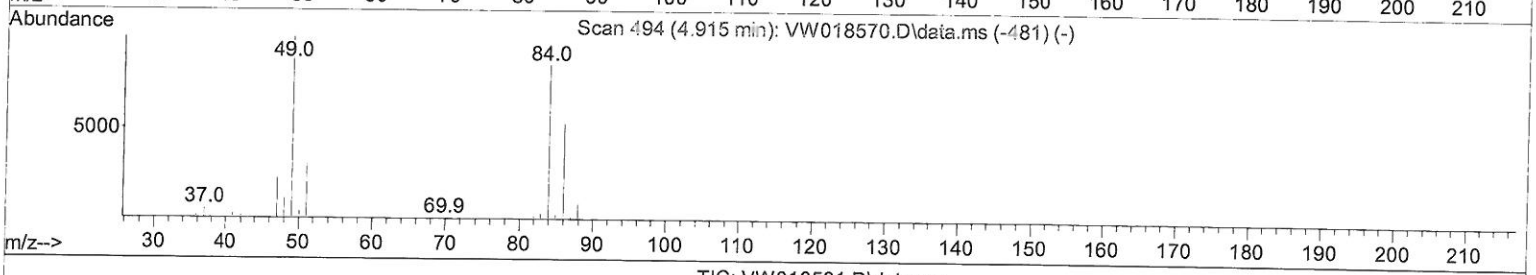

TIC: VW018591.D\data.ms

(16) Methylene chloride (T)

4.909min (-0.006) 0.70 ug/L

response 6688

Ion	Exp%	Act%
84.00	100.00	100.00
49.00	106.30	104.15
86.00	65.90	62.95
0.00	0.00	0.00

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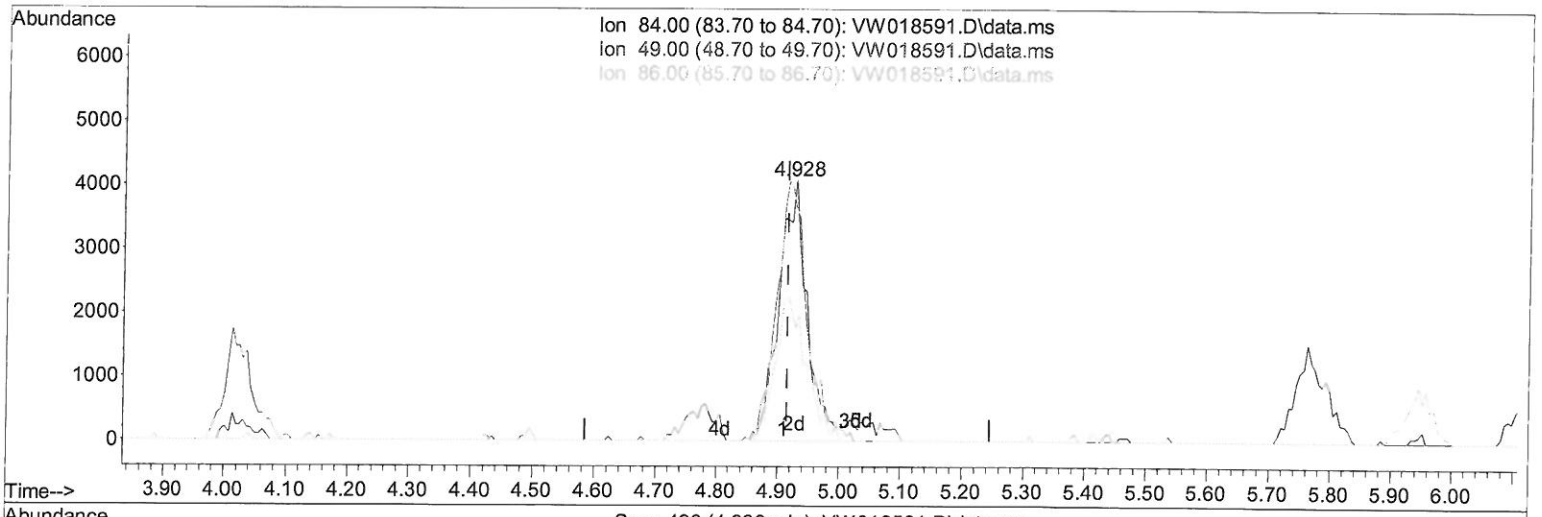

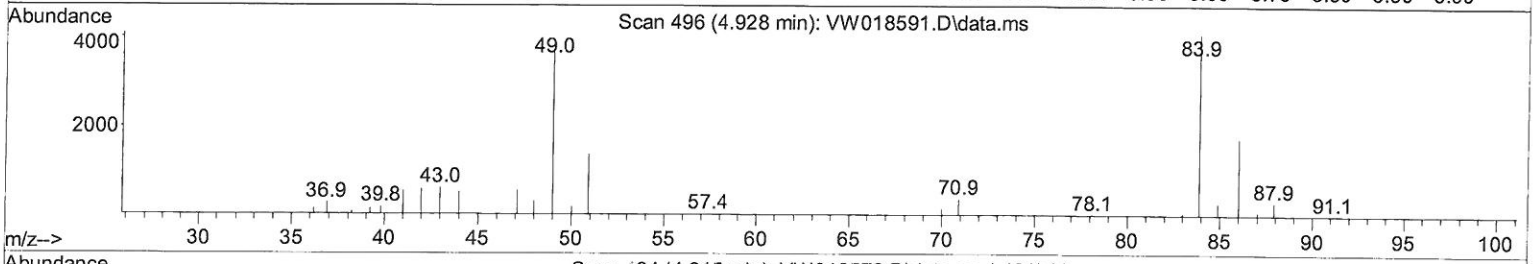

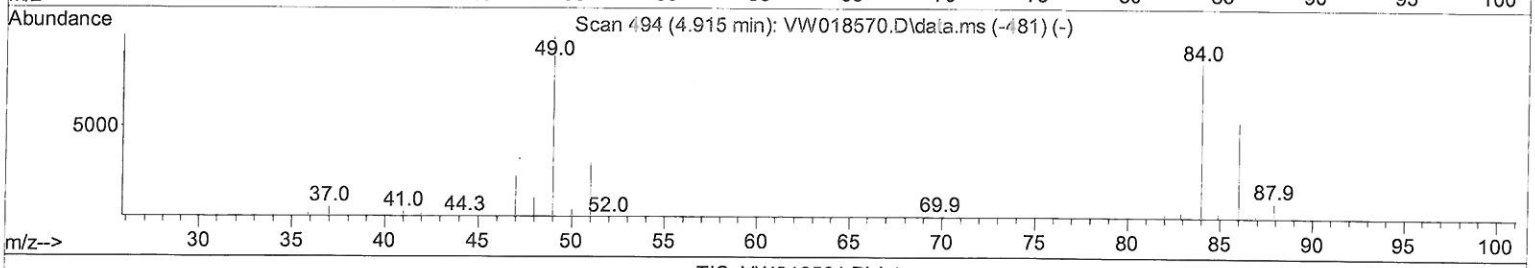

TIC: VW018591.D\data.ms

(16) Methylene chloride (T)

4.928min (+ 0.012) 1.49 ug/L m

response 14243

Ion	Exp%	Act%
84.00	100.00	100.00
49.00	106.30	89.69
86.00	65.90	43.24#
0.00	0.00	0.00

MD
4/12/21

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Manual Integrations APPROVED
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	582231	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	542333	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	261680	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	120406	14.86	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 59.44%			
7) Chloroethane-d5	2.892	69	112785	15.90	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 63.60%			
10) 1,1-Dichloroethene-d2	4.019	63	143180	10.23	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 40.92%#			
20) 2-Butanone-d5	7.080	46	63683	35.30	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 70.60%			
24) Chloroform-d	7.647	84	226095	15.25	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 61.00%			
26) 1,2-Dichloroethane-d4	8.305	65	142690	16.48	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 65.92%#			
29) Benzene-d6	8.275	84	458893	15.92	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 63.68%			
33) 1,2-Dichloropropane-d6	9.274	67	133564	16.06	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 64.24%#			
37) Toluene-d8	10.323	98	444866	16.03	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 64.12%			
38) trans-1,3-Dichloroprop...	10.579	79	25015	5.83	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 23.32%#			
39) 2-Hexanone-d5	10.927	63	50705	31.15	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 62.30%			
48) 1,1,2,2-Tetrachloroeth...	12.695	84	120150	16.15	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 64.60%			
61) 1,2-Dichlorobenzene-d4	13.847	152	150867	16.22	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 64.88%#			
Target Compounds						Qvalue
13) Acetone	4.141	43	10898m	8.41	ug/L	
16) Methylene chloride	4.928	84	14243m	1.49	ug/L	
44) Toluene	10.390	91	17187	0.48	ug/L	92

MD 4/12/21

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