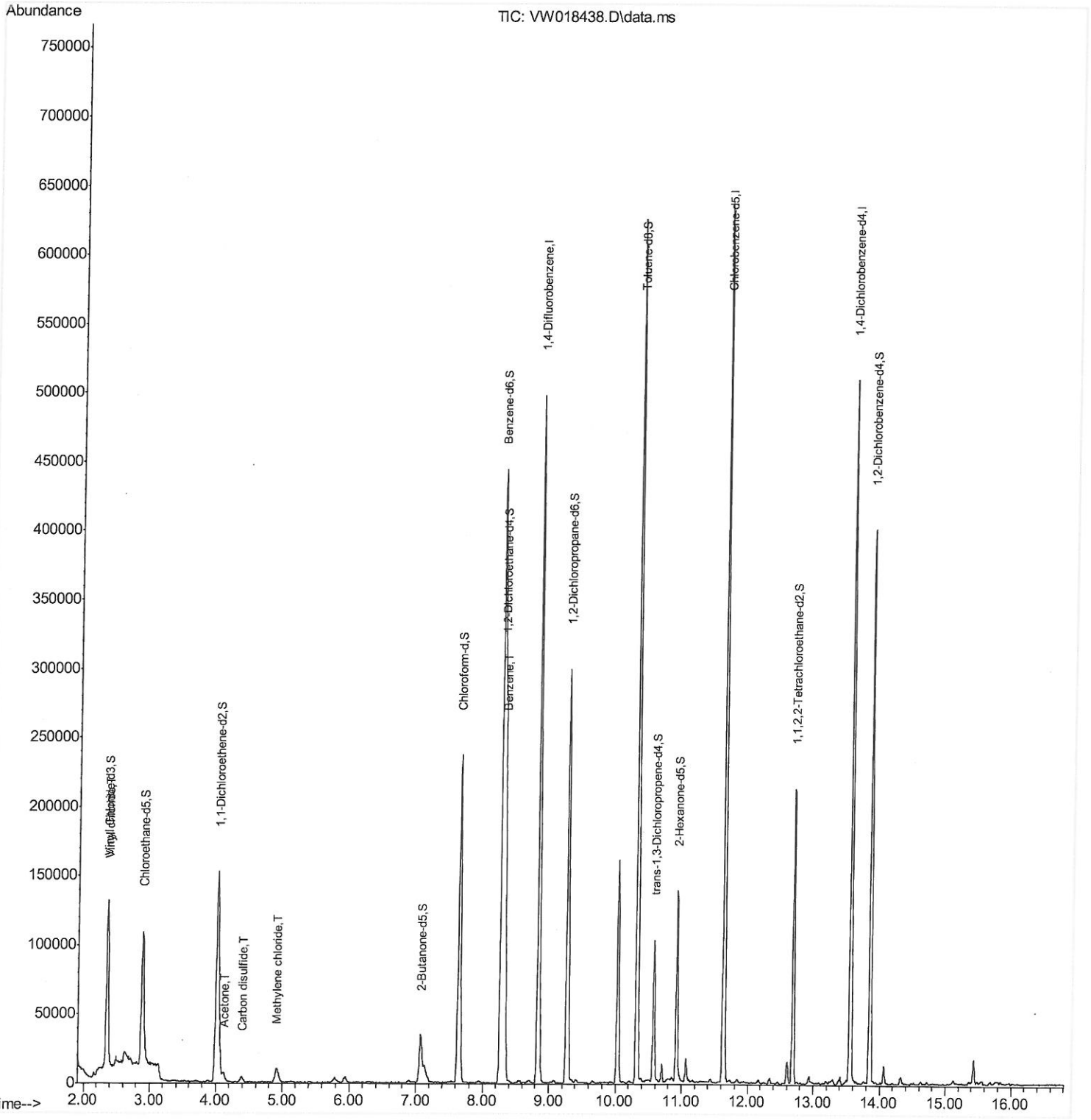
Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032421\
Data File : VW018438.D
Acq On : 24 Mar 2021 11:21
Operator : SY/VA
Sample : M1781-08
Misc : 5.83G/10ML/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Mar 25 01:24:26 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
Quant Title : VOC Analysis
QLast Update : Thu Mar 25 01:23:35 2021
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
BG4N4

Manual Integrations APPROVED
MMDadoda
3/26/2021 9:31:18 AM



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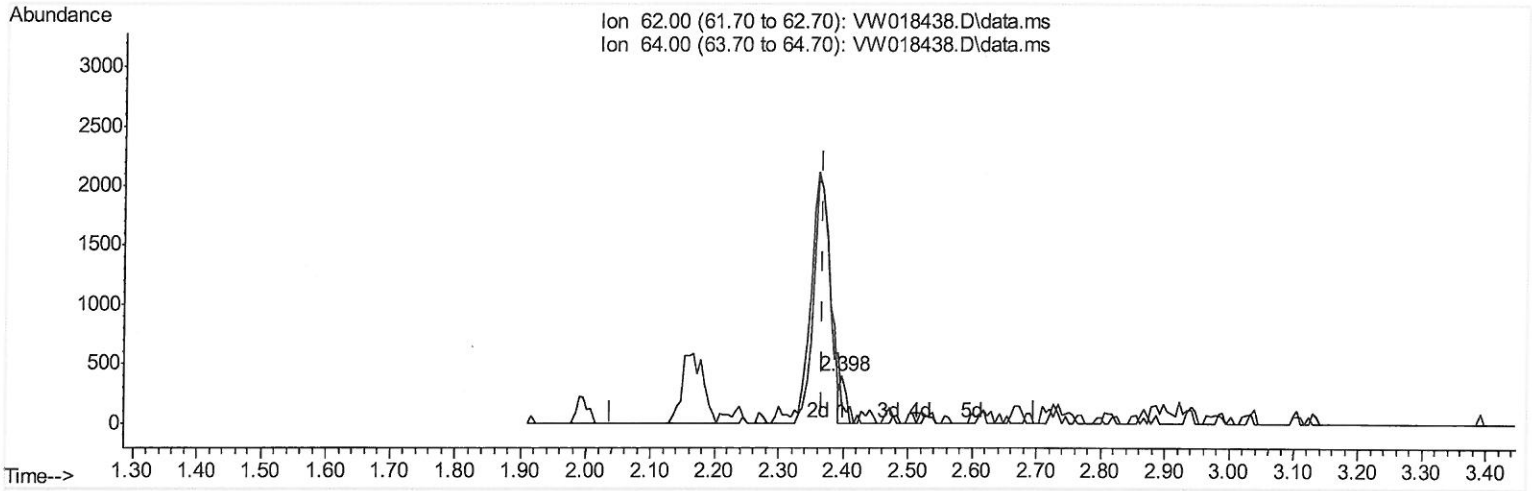

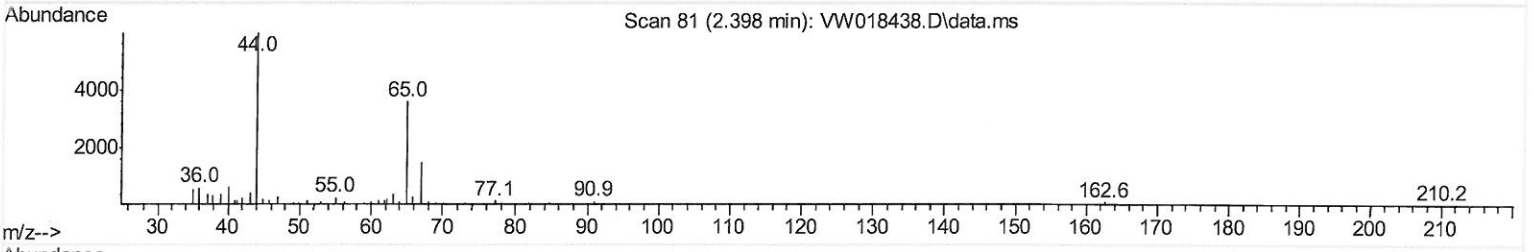

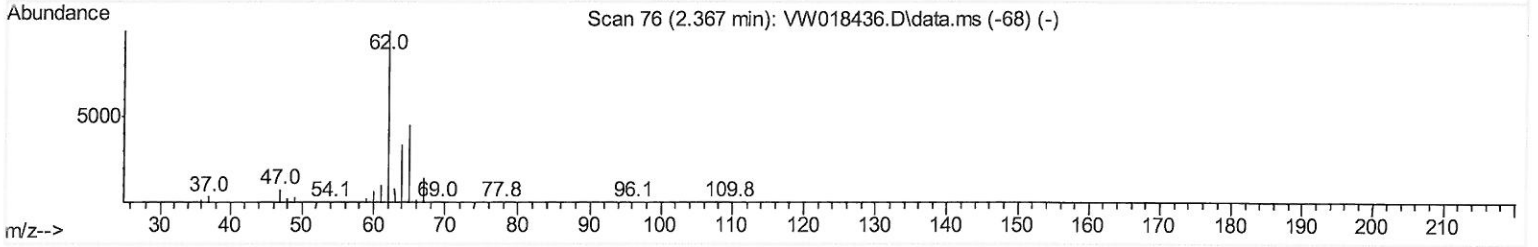

TIC: VW018438.D\data.ms

(5) Vinyl chloride (T)

2.398min (+ 0.030) 0.03 ug/L

response 229

Ion	Exp%	Act%
62.00	100.00	100.00
64.00	33.60	39.29
0.00	0.00	0.00
0.00	0.00	0.00

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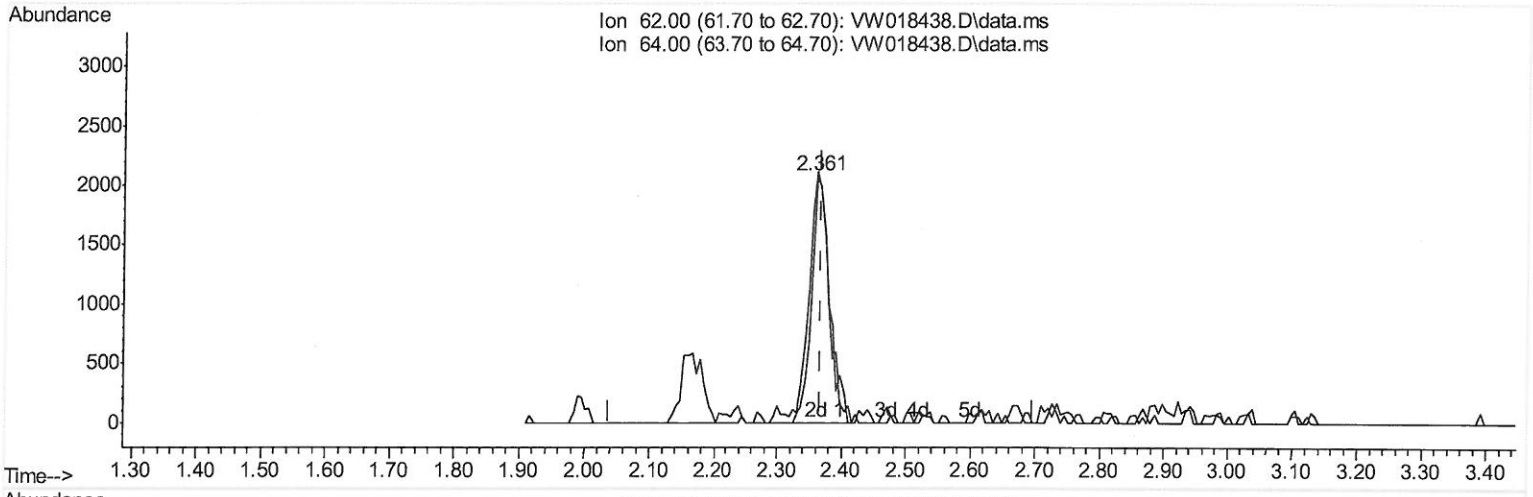

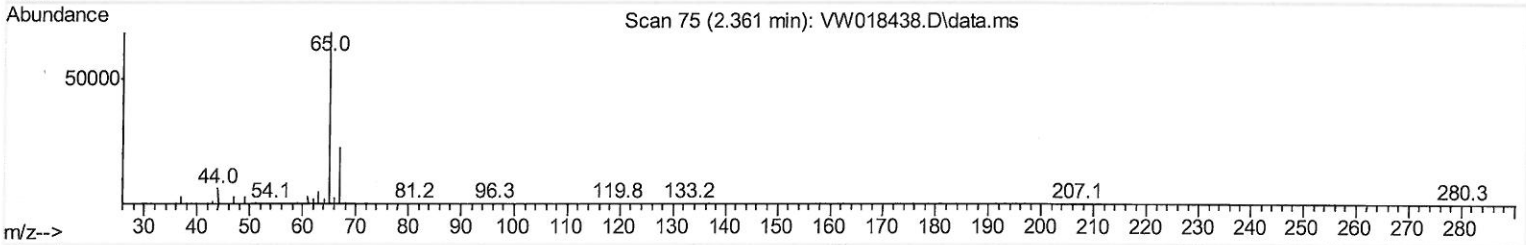

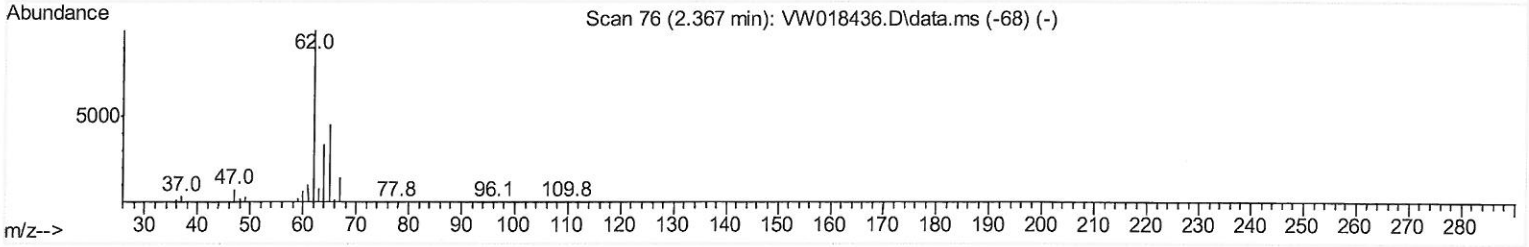

TIC: VW018438.D\data.ms

(5) Vinyl chloride (T)

2.361min (-0.006) 0.51 ug/L m

response 4006

Ion	Exp%	Act%
62.00	100.00	100.00
64.00	33.60	102.07#
0.00	0.00	0.00
0.00	0.00	0.00

MD 4/6/21

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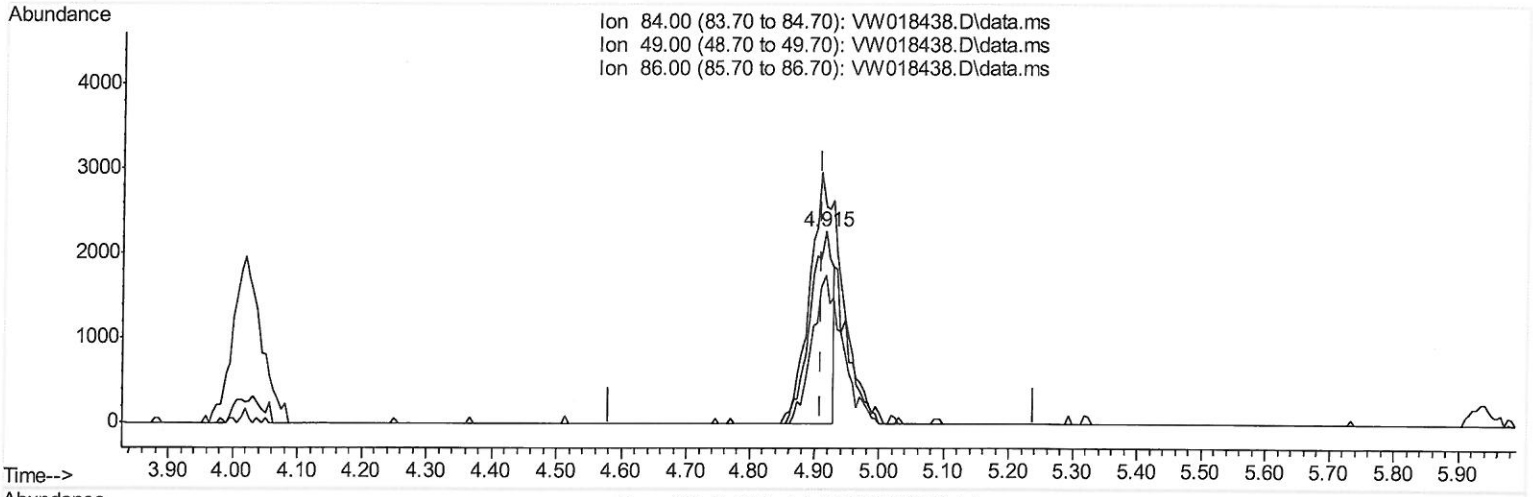

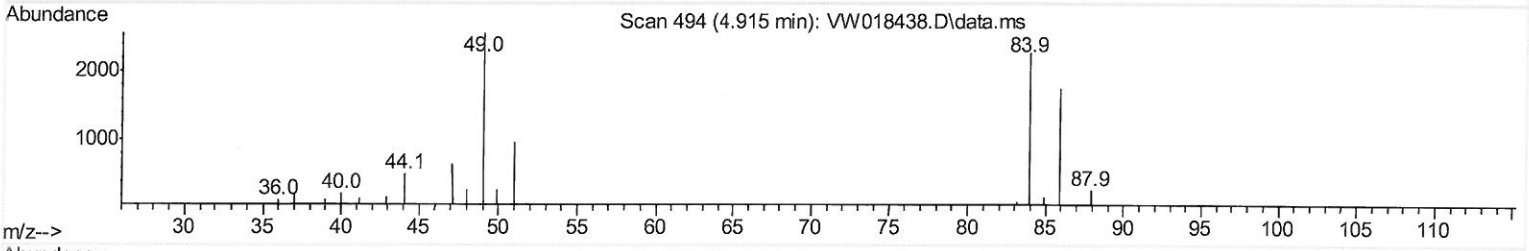

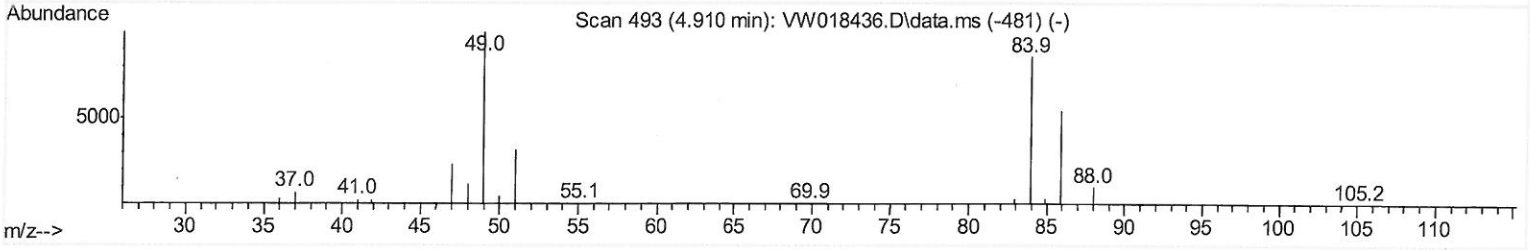

TIC: VW018438.D\data.ms

(16) Methylene chloride (T)

4.915min (+ 0.006) 0.81 ug/L

response 5467

Ion	Exp%	Act%
84.00	100.00	100.00
49.00	106.30	112.89
86.00	65.90	77.13
0.00	0.00	0.00

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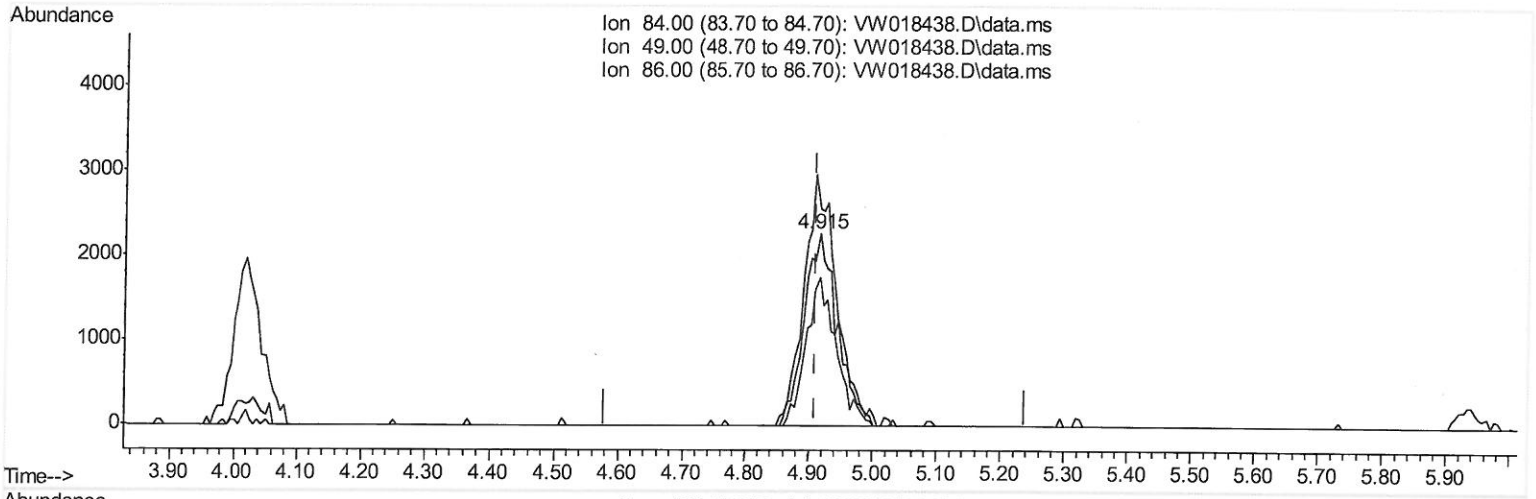

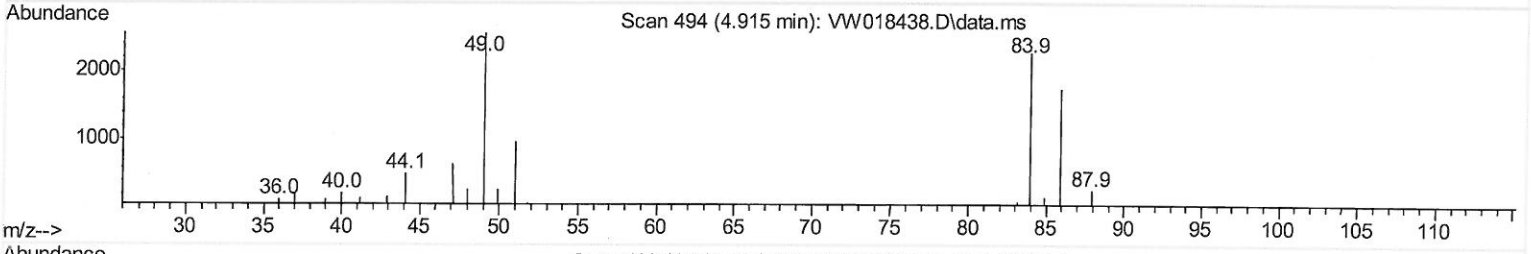

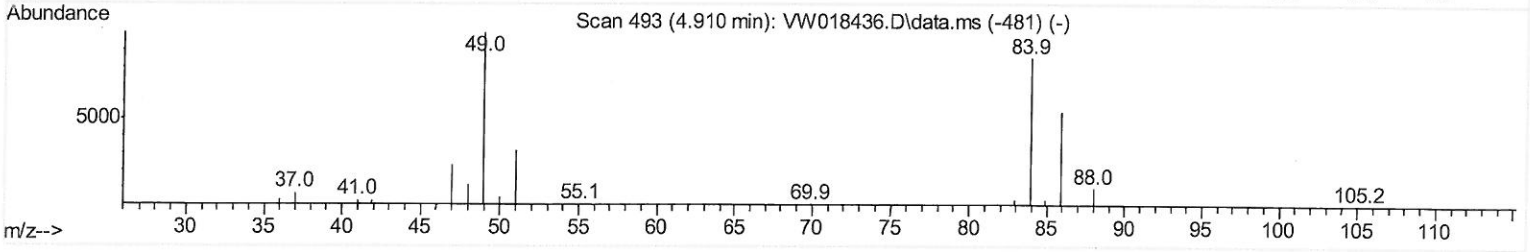

TIC: VW018438.D\data.ms

(16) Methylene chloride (T)

4.915min (+ 0.006) 1.21 ug/L m

response 8171

Ion	Exp%	Act%
84.00	100.00	100.00
49.00	106.30	112.89
86.00	65.90	77.13
0.00	0.00	0.00

MD 4/6/21

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3/26/2021 9:31:18 AM

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	410832	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	330226	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.554	152	120093	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	143225	25.05	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 100.20%			
7) Chloroethane-d5	2.891	69	132258	26.43	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 105.72%			
10) 1,1-Dichloroethene-d2	4.019	63	168456	17.07	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 68.28%			
20) 2-Butanone-d5	7.067	46	59183	46.50	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 93.00%			
24) Chloroform-d	7.647	84	231508	22.12	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 88.48%			
26) 1,2-Dichloroethane-d4	8.305	65	139195	22.79	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 91.16%			
29) Benzene-d6	8.268	84	450755	25.68	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 102.72%			
33) 1,2-Dichloropropane-d6	9.274	67	131042	25.88	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 103.52%			
37) Toluene-d8	10.323	98	397837	23.54	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 94.16%			
38) trans-1,3-Dichloroprop...	10.579	79	55788	21.36	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 85.44%			
39) 2-Hexanone-d5	10.920	63	46788	47.21	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 94.42%			
48) 1,1,2,2-Tetrachloroeth...	12.688	84	104534	23.08	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 92.32%			
61) 1,2-Dichlorobenzene-d4	13.853	152	95942	22.47	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 89.88%			
Target Compounds						Qvalue
5) Vinyl chloride	2.361	62	4006m	0.51	ug/L	
13) Acetone	4.123	43	10901	11.92	ug/L	96
14) Carbon disulfide	4.391	76	6659	0.43	ug/L	96
16) Methylene chloride	4.915	84	8171m	1.21	ug/L	
34) Benzene	8.323	78	172714	9.03	ug/L	100

MD 4/6/21

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