

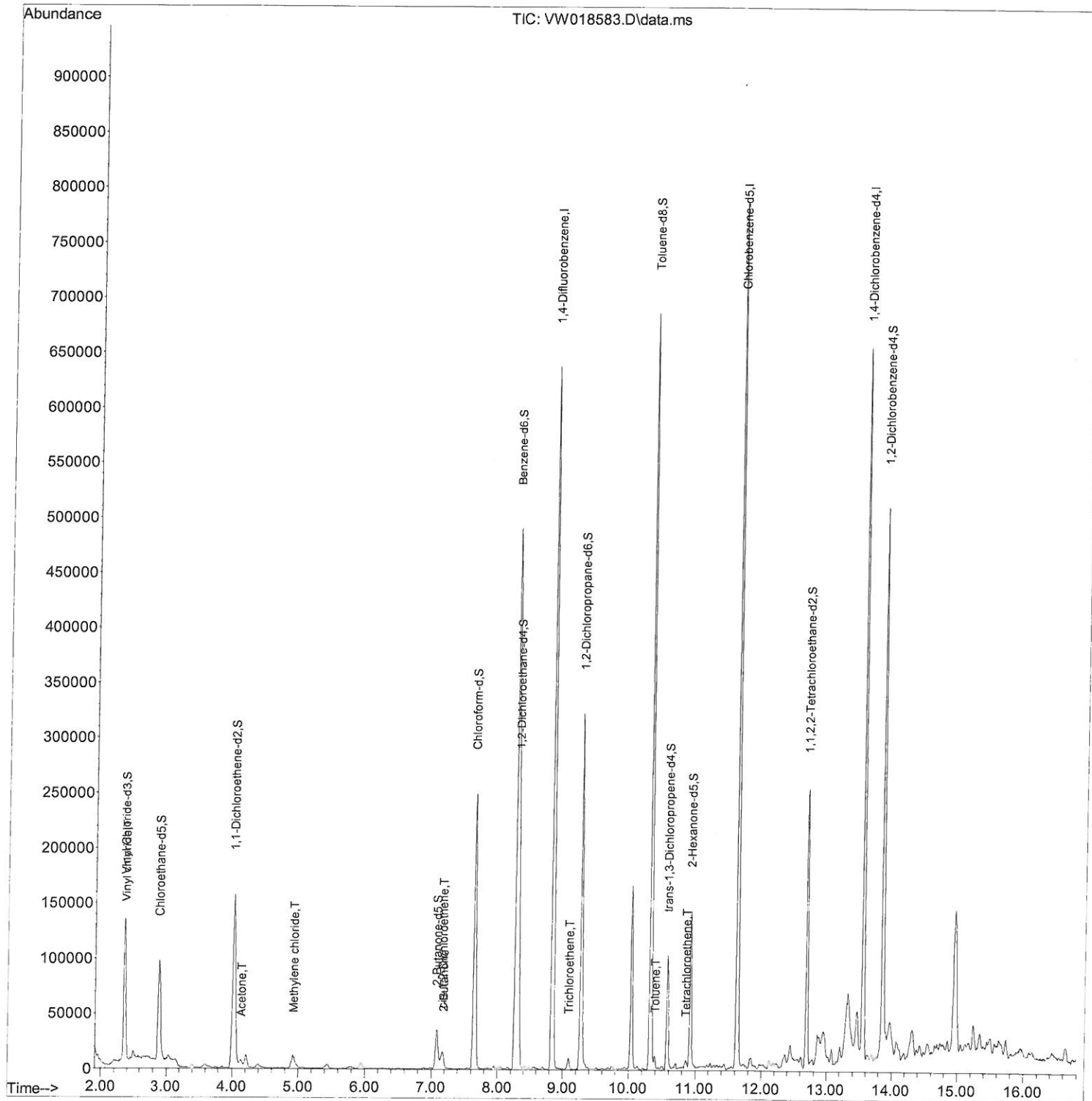
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040721\
Data File : VW018583.D
Acq On : 07 Apr 2021 16:06
Operator : SY/VA
Sample : M1881-11RE
Misc : 4.61G/10ML/MSVOA_W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ESQG8

Manual Integrations
APPROVED

MMDadoda
4/9/2021 9:27:38 AM

Quant Time: Apr 08 05:37:19 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



Quantitation Report (Qedit)

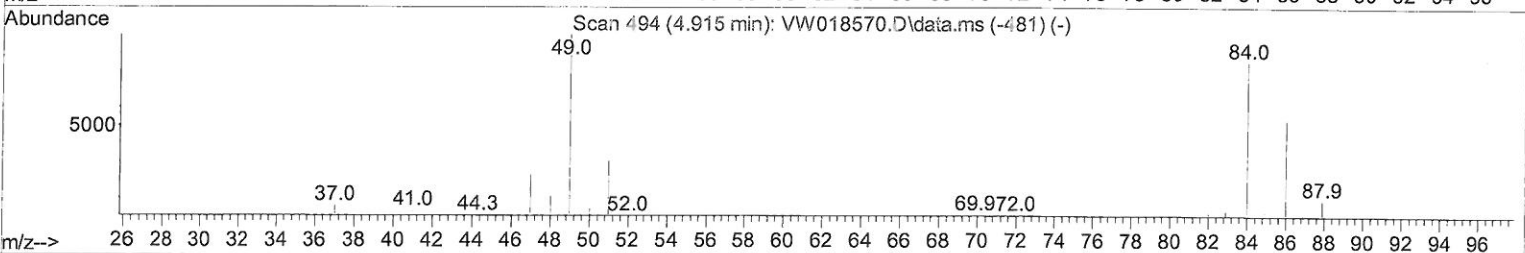
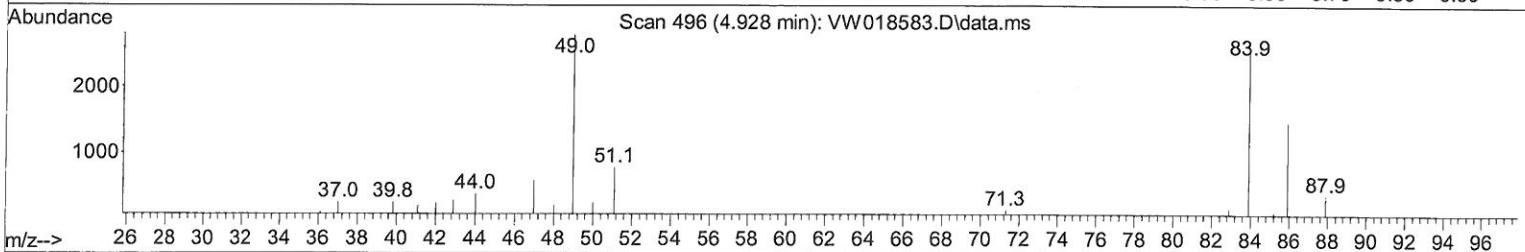
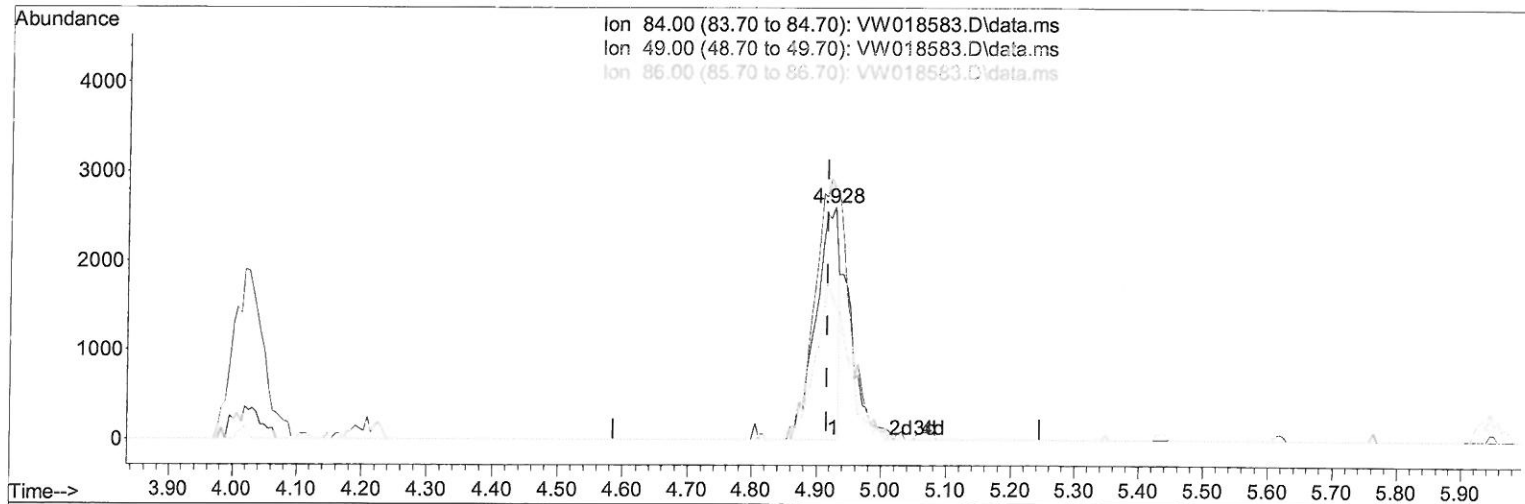
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TIC: VW018583.D\data.ms

(16) Methylene chloride (T)

4.928min (+ 0.012) 0.74 ug/L

response 6398

Ion	Exp%	Act%
84.00	100.00	100.00
49.00	106.30	108.07
86.00	65.90	56.47
0.00	0.00	0.00

Quantitation Report (Qedit)

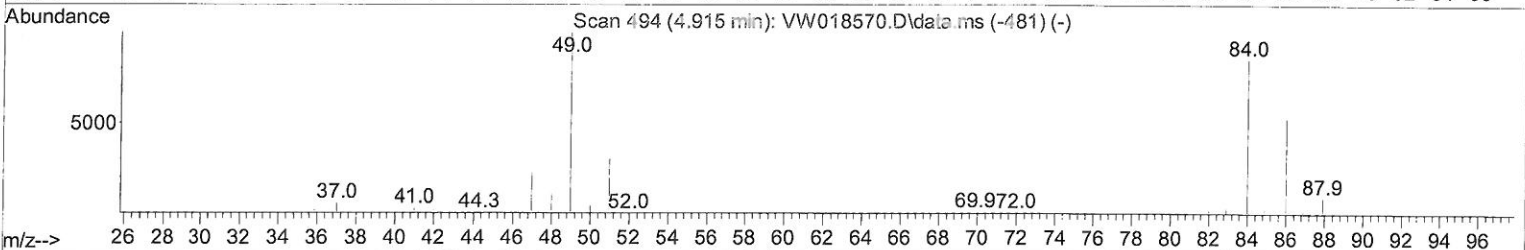
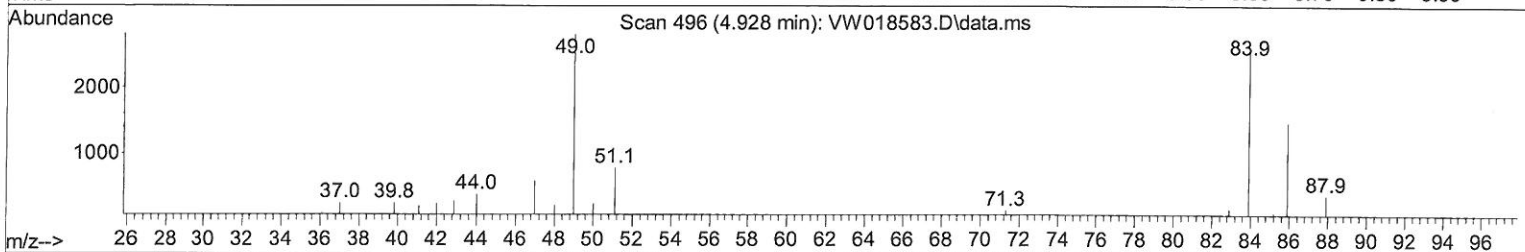
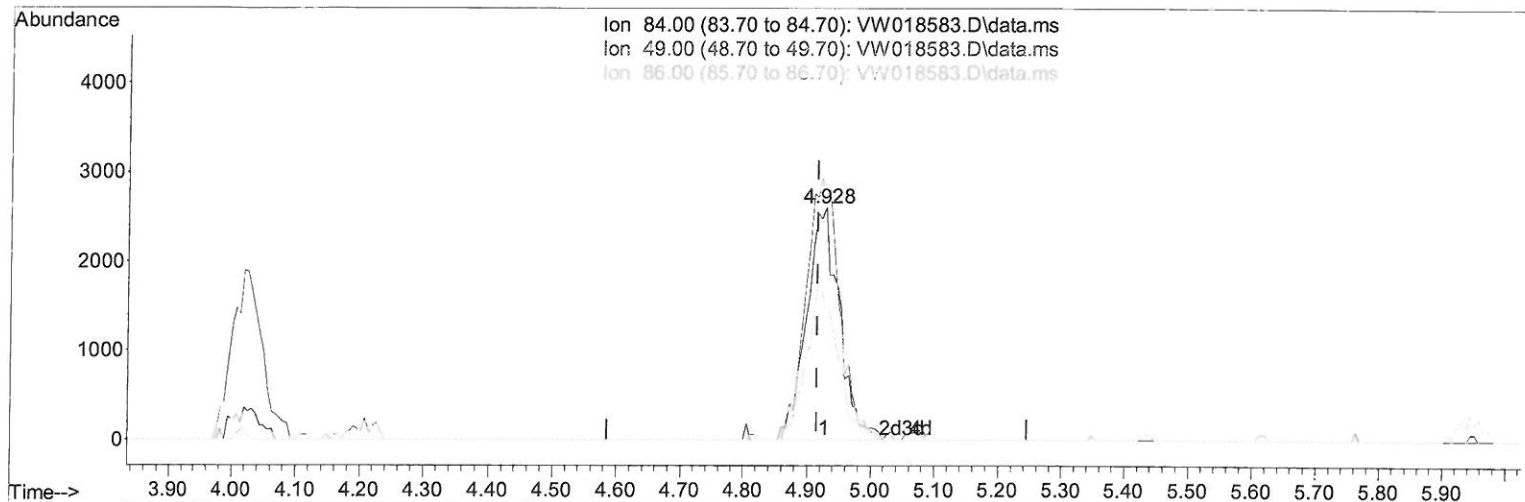
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TIC: VW018583.D\data.ms

(16) Methylene chloride (T)

4.928min (+ 0.012) 1.07 ug/L m

response 9328

Ion	Exp%	Act%
84.00	100.00	100.00
49.00	106.30	108.07
86.00	65.90	56.47
0.00	0.00	0.00

7 MD
4/12/21

Quantitation Report (Qedit)

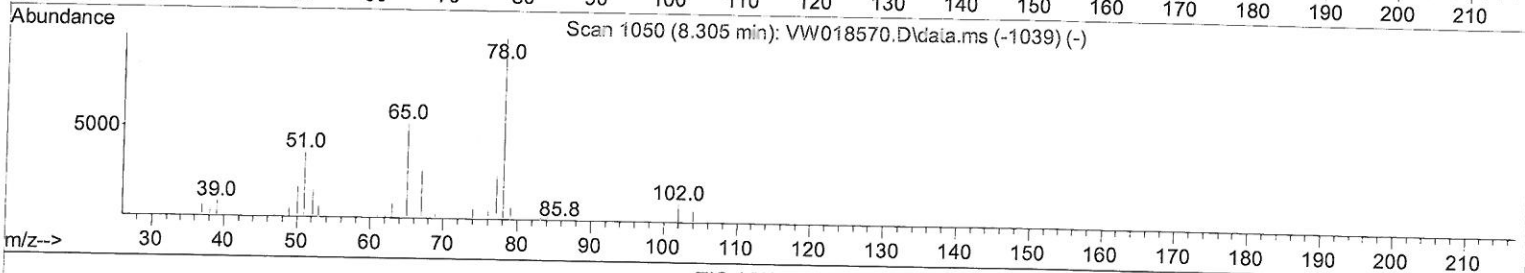
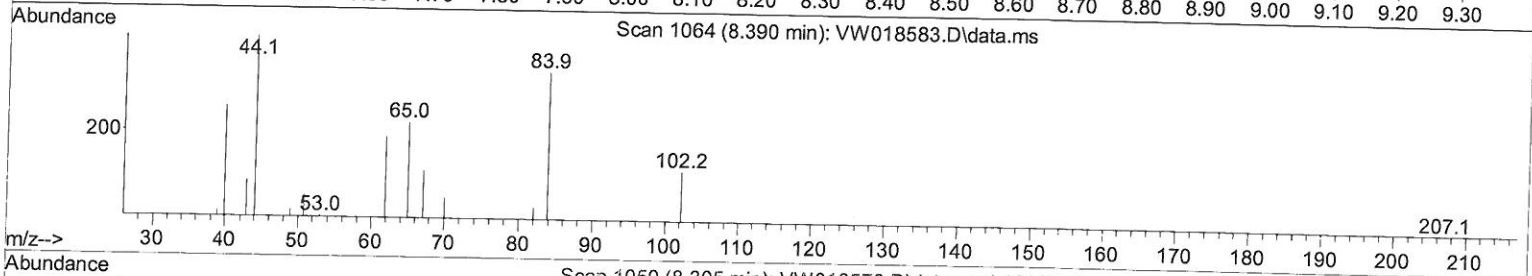
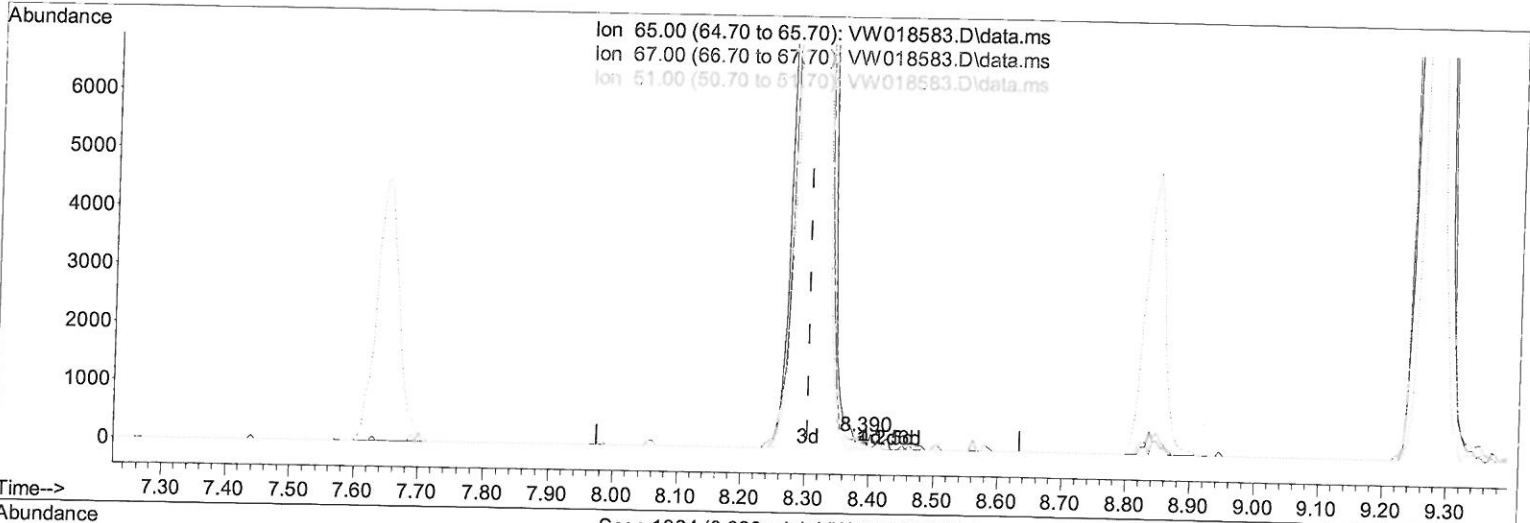
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TIC: VW018583.D\data.ms

(26) 1,2-Dichloroethane-d4 (S)

8.390min (+ 0.085) 0.02 ug/L

response 179

Ion	Exp%	Act%
65.00	100.00	100.00
67.00	49.50	54.19
51.00	87.20	98.88
0.00	0.00	0.00

Quantitation Report (Qedit)

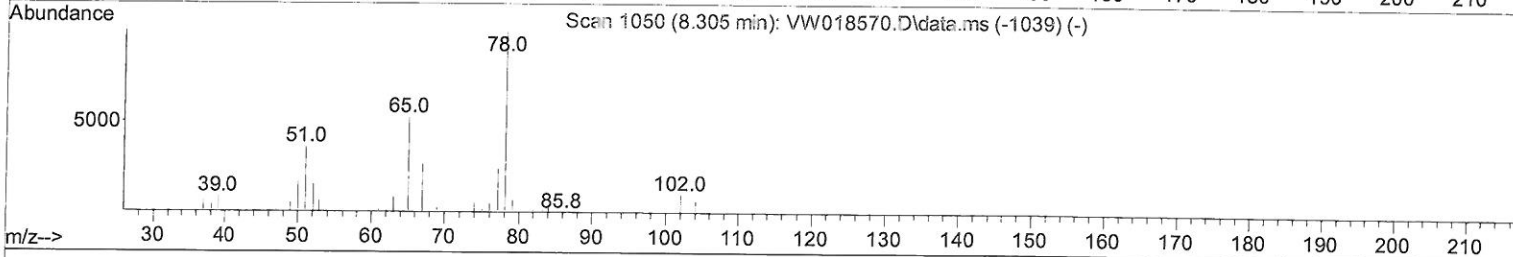
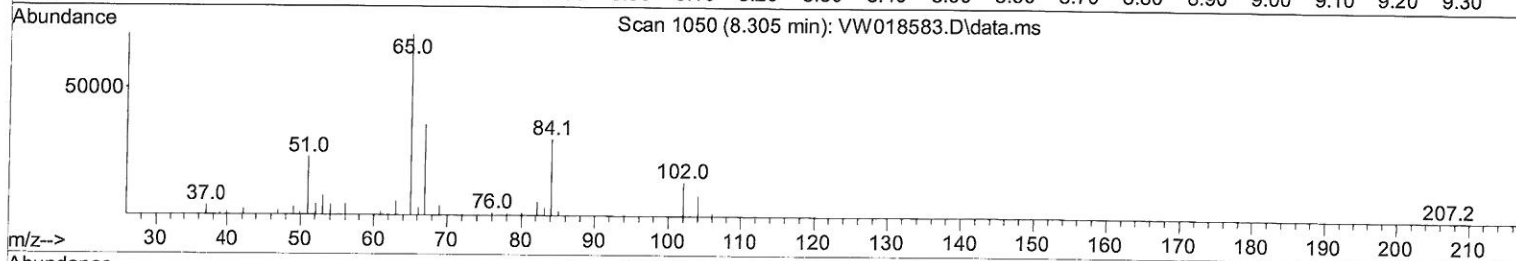
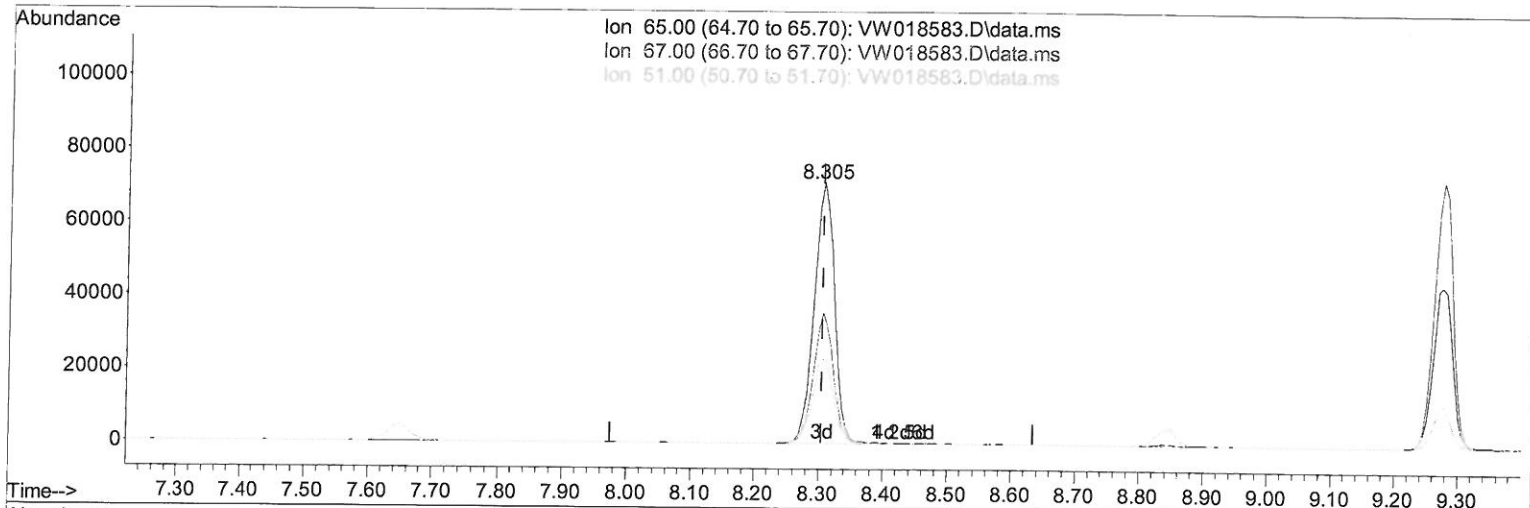
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 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampled :
 ESQG8

Manual Integrations
 APPROVED

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 4/9/2021 9:27:38 AM

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 Response via : Initial Calibration



TIC: VW018583.D\data.ms

(26) 1,2-Dichloroethane-d4 (S)

8.305min (+ 0.000) 19.75 ug/L m

response 155696

Ion Exp% Act%

65.00 100.00 100.00

67.00 49.50 0.06#

51.00 87.20 0.11#

0.00 0.00 0.00

7 MD
 4/12/21

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040721\
 Data File : VW018583.D
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 Operator : SY/VA
 Sample : M1881-11RE
 Misc : 4.61G/10ML/MSVOA_W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ESQG8

Manual Integrations
 APPROVED

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 4/9/2021 9:27:38 AM

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	530219	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	431352	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	171020	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.355	65	147752	20.03	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.12%
7) Chloroethane-d5	2.891	69	119489	18.50	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.00%
10) 1,1-Dichloroethene-d2	4.019	63	172319	13.53	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	54.12%
20) 2-Butanone-d5	7.080	46	61380	37.37	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	74.74%
24) Chloroform-d	7.647	84	255001	18.88	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	75.52%
26) 1,2-Dichloroethane-d4	8.305	65	155696m	19.75	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	79.00%
29) Benzene-d6	8.275	84	496214	21.64	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	86.56%
33) 1,2-Dichloropropane-d6	9.274	67	146850	22.20	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	88.80%
37) Toluene-d8	10.323	98	458567	20.77	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	83.08%
38) trans-1,3-Dichloroprop...	10.579	79	56150	16.46	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	65.84%
39) 2-Hexanone-d5	10.927	63	48930	37.80	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	75.60%
48) 1,1,2,2-Tetrachloroeth...	12.688	84	120170	20.31	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	81.24%
61) 1,2-Dichlorobenzene-d4	13.853	152	120162	19.76	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	79.04%

> MD
 4/12/21

Target Compounds

					Qvalue	
5) Vinyl chloride	2.367	62	7969	0.79	ug/L	# 63
13) Acetone	4.135	43	12328	10.45	ug/L	71
16) Methylene chloride	4.928	84	9328m	1.07	ug/L	
21) 2-Butanone	7.183	43	4527	2.41	ug/L	84
22) cis-1,2-Dichloroethene	7.171	96	7057	0.91	ug/L	95
35) Trichloroethene	9.092	95	2919	0.42	ug/L	99
44) Toluene	10.390	91	8238	0.29	ug/L	96
47) Tetrachloroethene	10.860	164	1610	0.31	ug/L	# 64

> MD
 4/12/21

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