

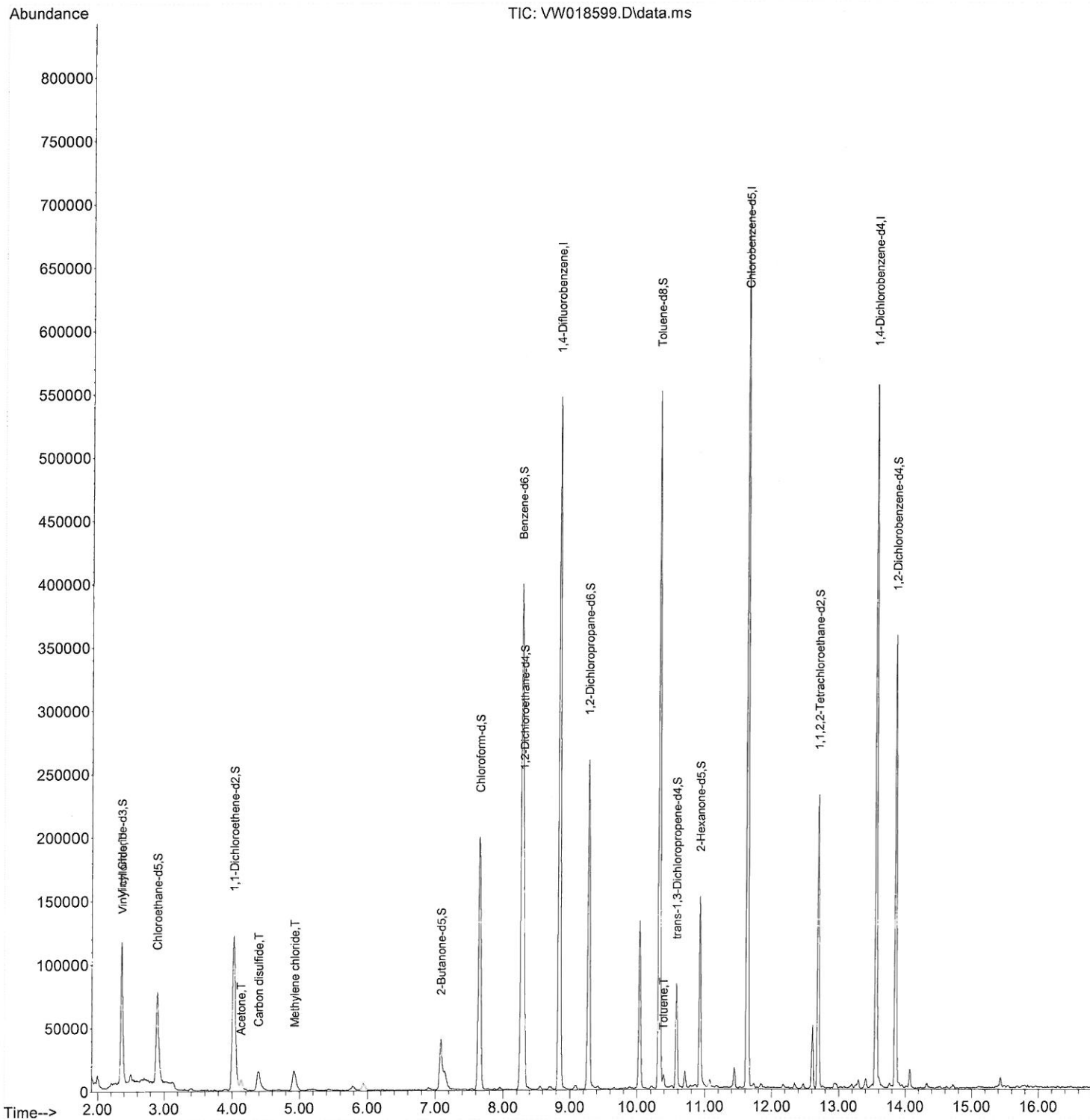
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040821\
Data File : VW018599.D
Acq On : 08 Apr 2021 13:32
Operator : SY/VA
Sample : M1968-06
Misc : 5.58G/10ML/MSVOA_W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG5B0

Manual Integrations
APPROVED

MMDadoda
4/9/2021 7:55:36 PM

Quant Time: Apr 09 03:12:58 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
Quant Title : VOC Analysis
QLast Update : Fri Apr 09 03:11:49 2021
Response via : Initial Calibration



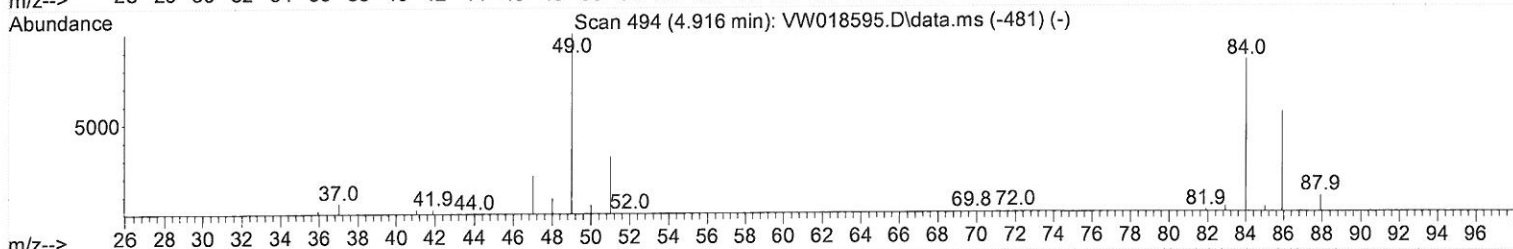
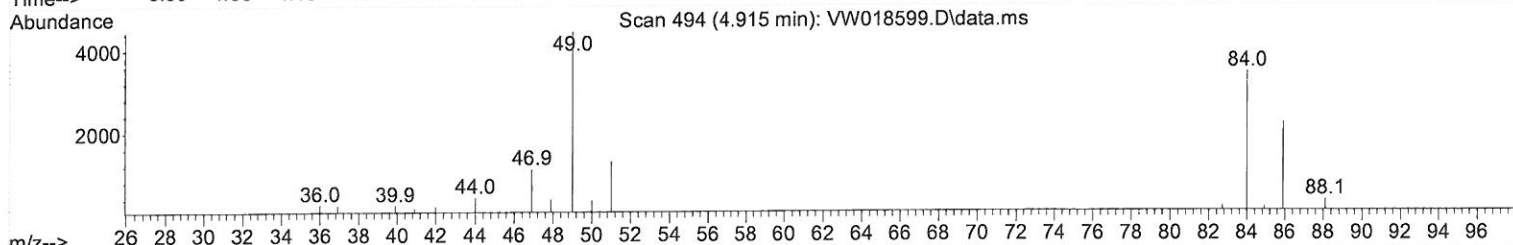
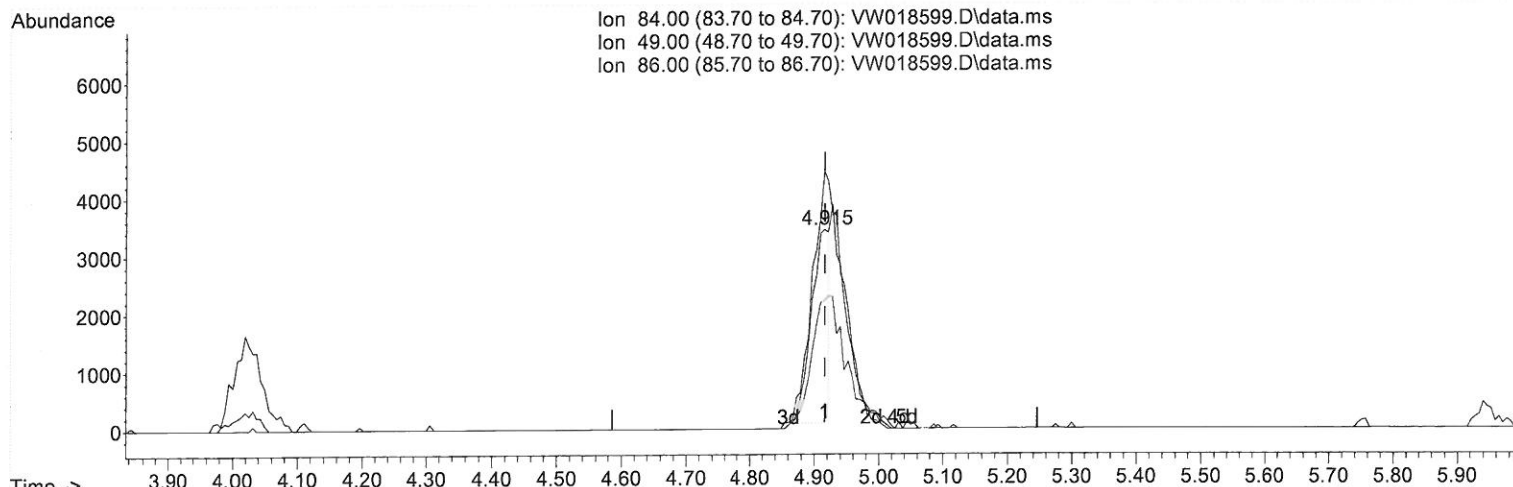
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TIC: VW018599.D\data.ms

(16) Methylene chloride (T)

4.915min (-0.000) 0.86 ug/L

response 6394

Ion	Exp%	Act%
84.00	100.00	100.00
49.00	106.30	129.21
86.00	65.90	64.46
0.00	0.00	0.00

Quantitation Report (Qedit)

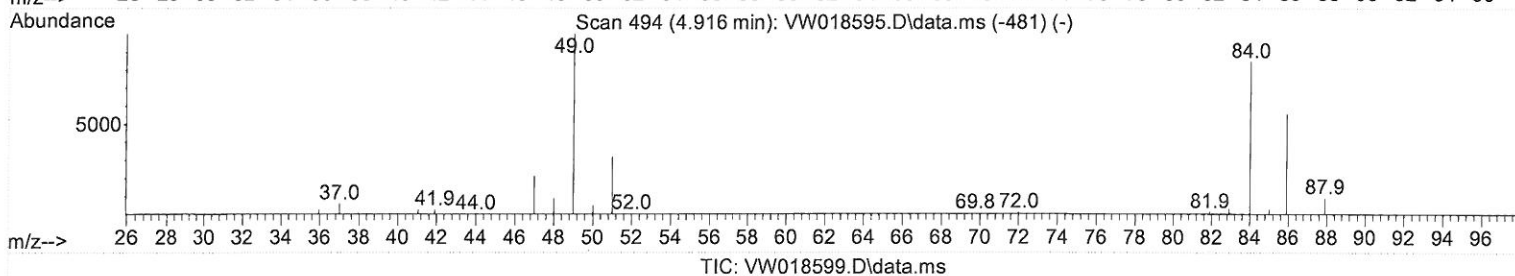
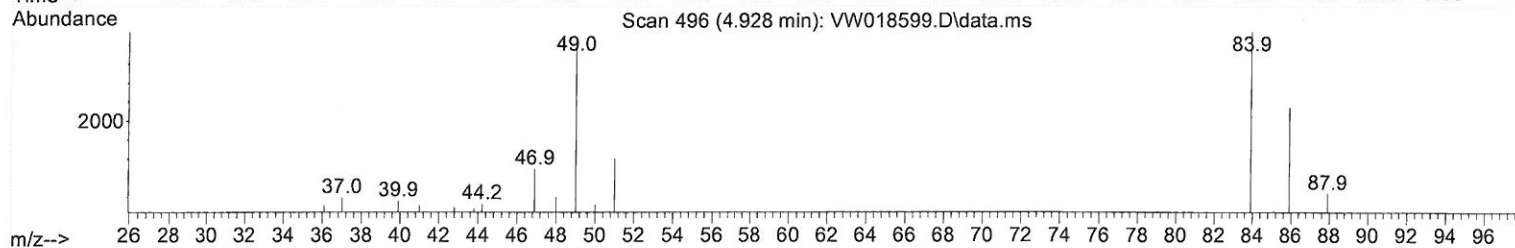
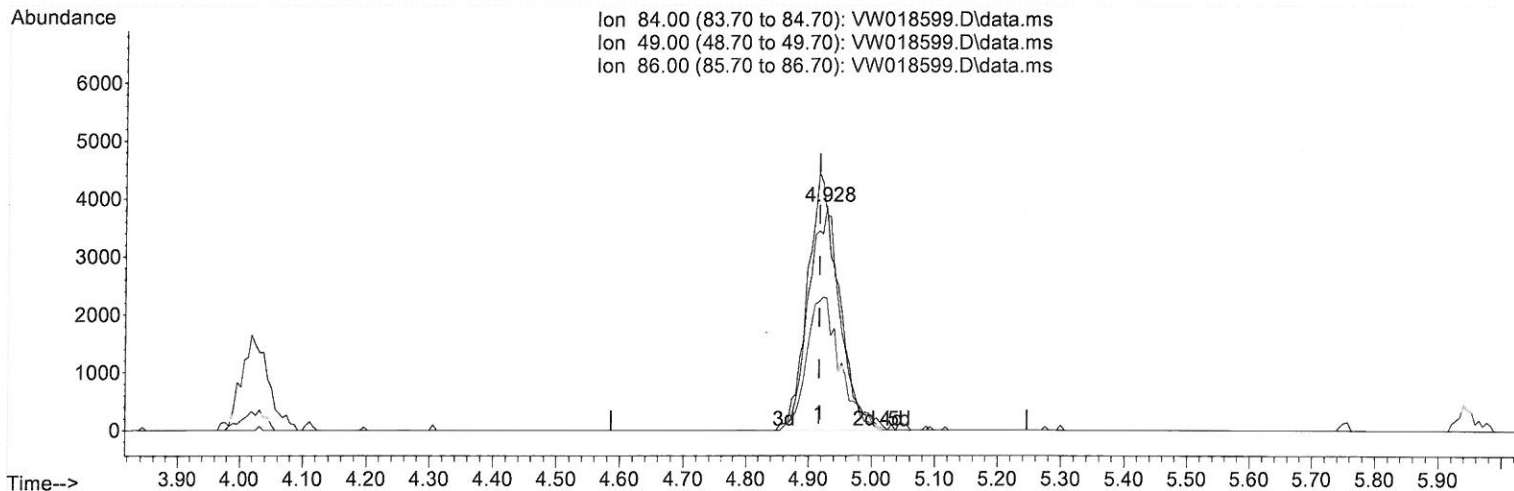
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ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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Manual Integrations
APPROVED

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4/9/2021 7:55:36 PM

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Quant Title : VOC Analysis
QLast Update : Fri Apr 09 03:11:49 2021
Response via : Initial Calibration



(16) Methylene chloride (T)

4.928min (+ 0.012) 1.82 ug/L m

response 13498

Ion	Exp%	Act%
84.00	100.00	100.00
49.00	106.30	96.46
86.00	65.90	58.90
0.00	0.00	0.00

> MD
4/12/21

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040821\
 Data File : VW018599.D
 Acq On : 08 Apr 2021 13:32
 Operator : SY/VA
 Sample : M1968-06
 Misc : 5.58G/10ML/MSVOA_W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampled :
 BG5B0

Manual Integrations
 APPROVED

MMDadoda
 4/9/2021 7:55:36 PM

Quant Time: Apr 09 03:12:58 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 09 03:11:49 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	452755	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	375078	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	141263	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	114609	18.19	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 72.76%			
7) Chloroethane-d5	2.898	69	98515	17.86	ug/L	0.01
Spiked Amount 25.000	Range 30 - 150		Recovery = 71.44%			
10) 1,1-Dichloroethene-d2	4.025	63	135235	12.43	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 49.72%			
20) 2-Butanone-d5	7.086	46	65597	46.77	ug/L	0.01
Spiked Amount 50.000	Range 20 - 135		Recovery = 93.54%			
24) Chloroform-d	7.653	84	203895	17.68	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 70.72%			
26) 1,2-Dichloroethane-d4	8.305	65	126462	18.79	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 75.16%			
29) Benzene-d6	8.275	84	396609	19.89	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 79.56%			
33) 1,2-Dichloropropane-d6	9.274	67	114652	19.93	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 79.72%			
37) Toluene-d8	10.323	98	368279	19.18	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 76.72%			
38) trans-1,3-Dichloroprop...	10.579	79	44751	15.09	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 60.36%			
39) 2-Hexanone-d5	10.927	63	50136	44.54	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 89.08%			
48) 1,1,2,2-Tetrachloroeth...	12.695	84	109780	21.34	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 85.36%			
61) 1,2-Dichlorobenzene-d4	13.853	152	88067	17.54	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 70.16%#			
Target Compounds						
5) Vinyl chloride	2.367	62	27292	3.17	ug/L	Qvalue 87
13) Acetone	4.129	43	13029	12.93	ug/L	99
14) Carbon disulfide	4.391	76	34118	1.99	ug/L	99
16) Methylene chloride	4.928	84	13498m	1.82	ug/L	99
44) Toluene	10.384	91	7281	0.29	ug/L	99

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 4/12/21

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