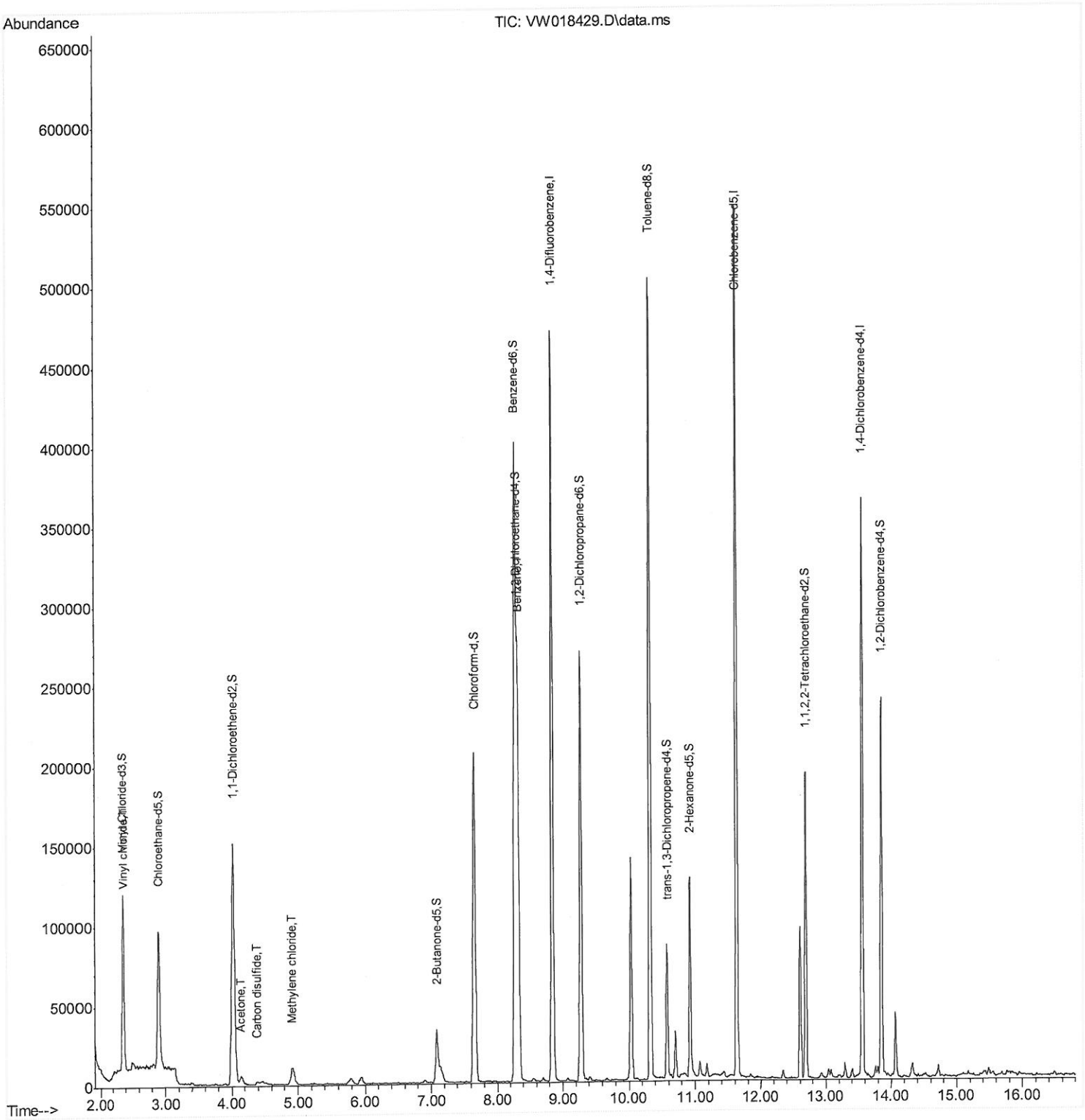
Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032321\
Data File : VW018429.D
Acq On : 23 Mar 2021 16:17
Operator : SY/VA
Sample : M1781-08
Misc : 5.62G/10ML/MSVOA_W/SOIL
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Mar 24 01:26:35 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
Quant Title : VOC Analysis
QLast Update : Wed Mar 24 01:23:39 2021
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
BG4N4

Manual Integrations APPROVED
SAM
3/26/2021 6:06:30 PM



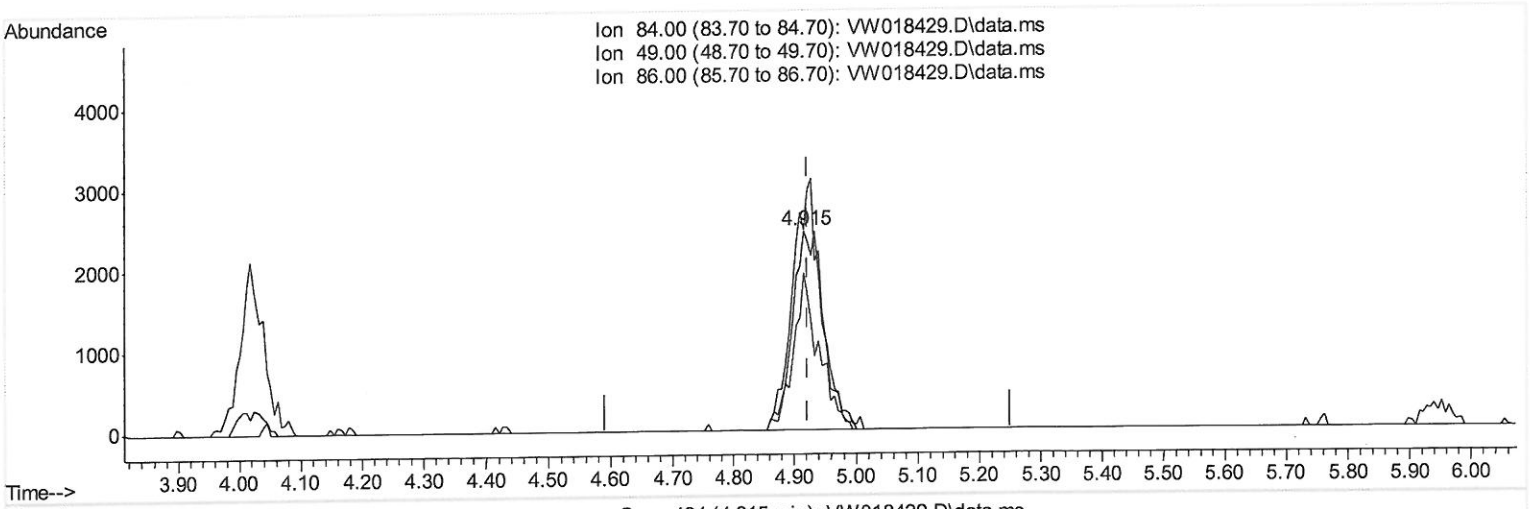
Quantitation Report (Qedit)

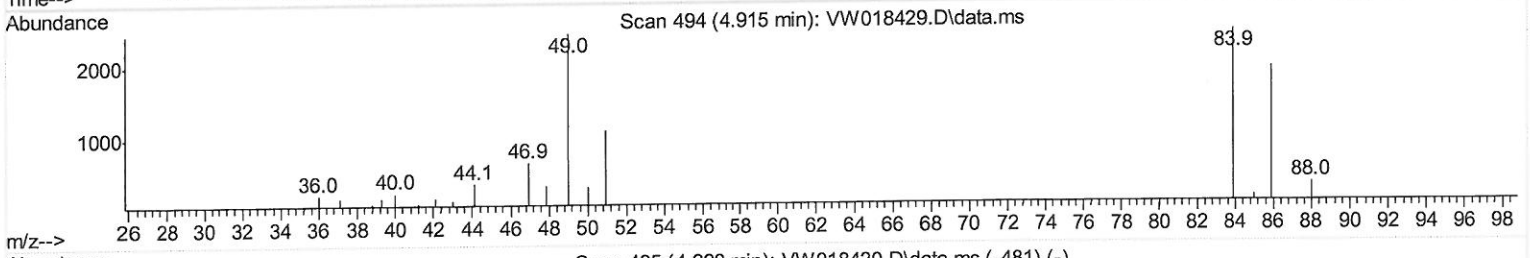
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032321\
Data File : VW018429.D
Acq On : 23 Mar 2021 16:17
Operator : SY/VA
Sample : M1781-08
Misc : 5.62G/10ML/MSVOA_W/SOIL
ALS Vial : 12 Sample Multiplier: 1

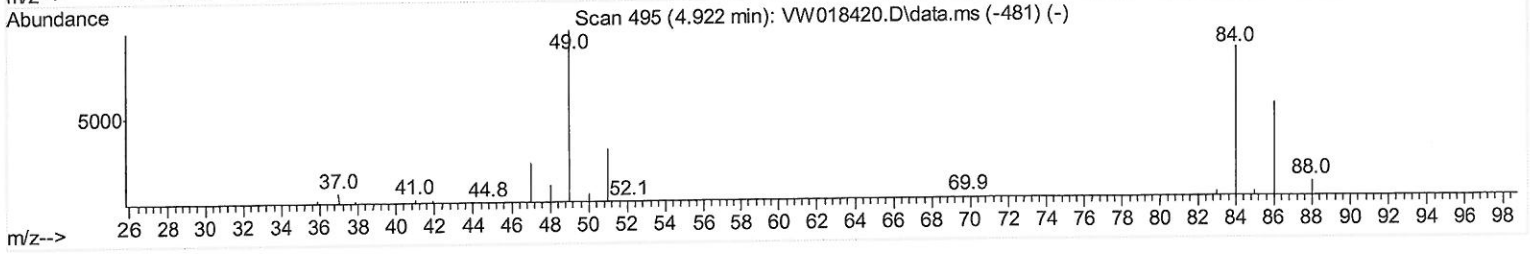
Quant Time: Mar 24 01:26:35 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
Quant Title : VOC Analysis
QLast Update : Wed Mar 24 01:23:39 2021
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
BG4N4

Manual Integrations APPROVED
SAM
3/26/2021 6:06:30 PM







TIC: VW018429.D\data.ms

(16) Methylene chloride (T)

4.915min (-0.006) 1.36 ug/L m

response 8532

Ion	Exp%	Act%
84.00	100.00	100.00
49.00	106.30	100.20
86.00	65.90	78.93
0.00	0.00	0.00

JMQ 3/30/21

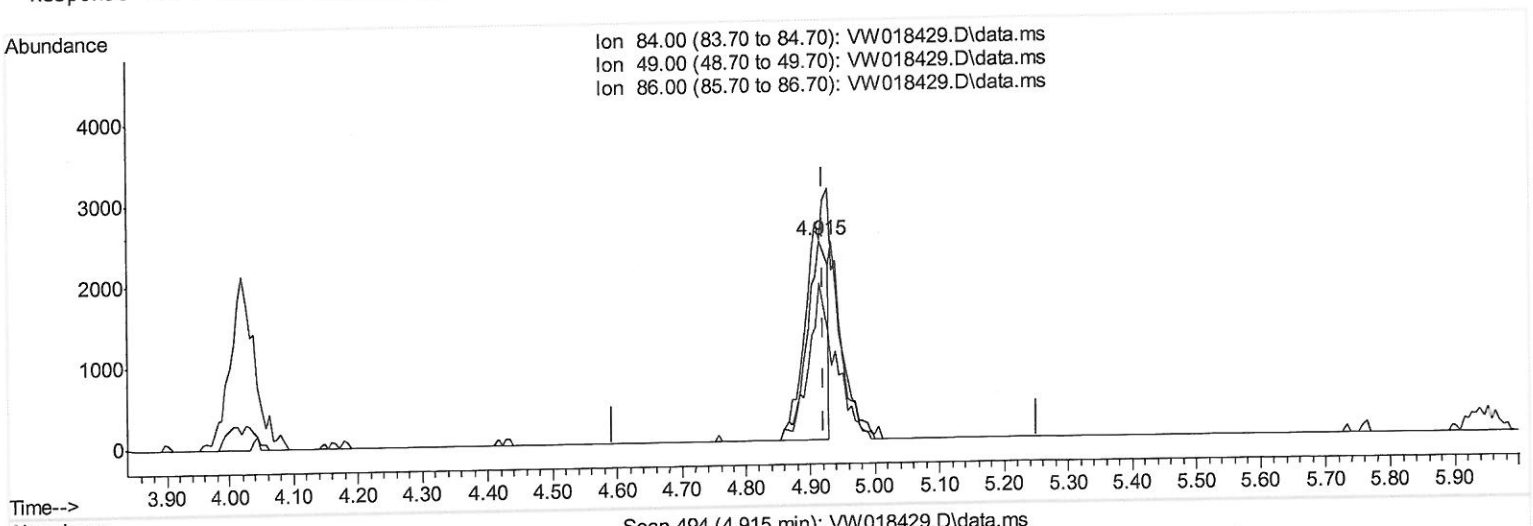
Quantitation Report (Qedit)

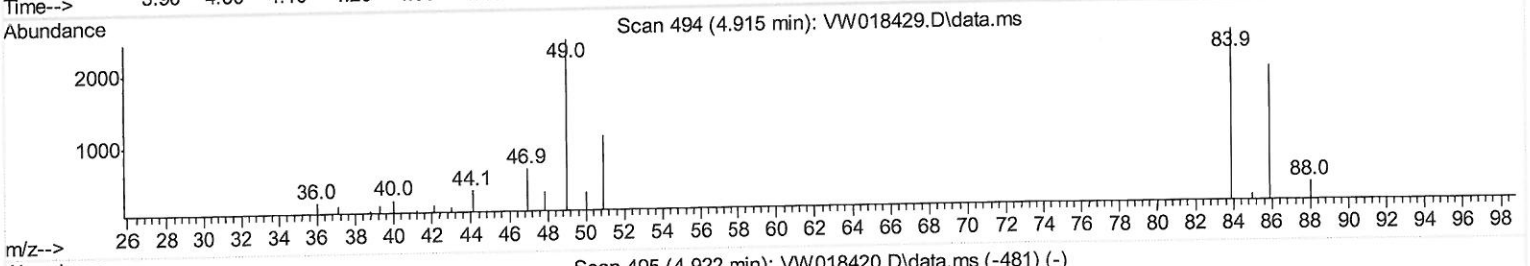
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032321\
Data File : VW018429.D
Acq On : 23 Mar 2021 16:17
Operator : SY/VA
Sample : M1781-08
Misc : 5.62G/10ML/MSVOA_W/SOIL
ALS Vial : 12 Sample Multiplier: 1

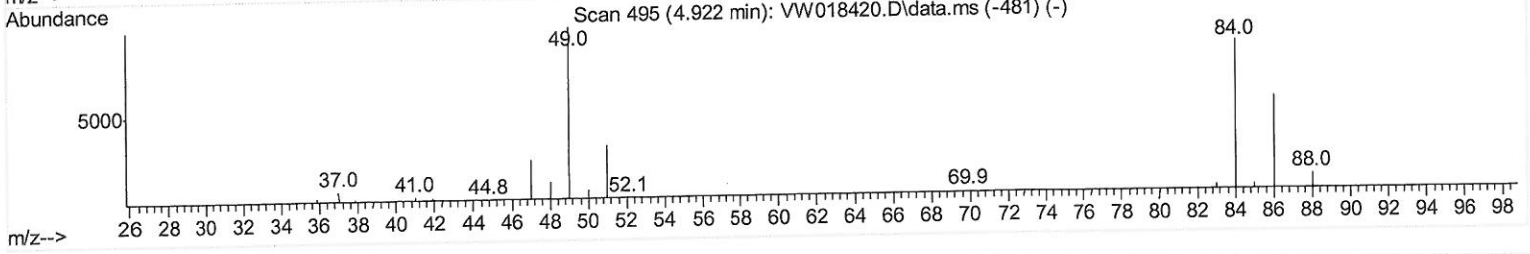
Quant Time: Mar 24 01:26:35 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
Quant Title : VOC Analysis
QLast Update : Wed Mar 24 01:23:39 2021
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
BG4N4

Manual Integrations APPROVED
SAM
3/26/2021 6:06:30 PM







TIC: VW018429.D\data.ms

(16) Methylene chloride (T)

4.915min (-0.006) 0.84 ug/L

response 5297

Ion	Exp%	Act%
84.00	100.00	100.00
49.00	106.30	100.20
86.00	65.90	78.93
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032321\
Data File : VW018429.D
Acq On : 23 Mar 2021 16:17
Operator : SY/VA
Sample : M1781-08
Misc : 5.62G/10ML/MSVOA_W/SOIL
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Mar 24 01:26:35 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
Quant Title : VOC Analysis
QLast Update : Wed Mar 24 01:23:39 2021
Response via : Initial Calibration

Instrument : MSVOA_W
ClientSampleId : BG4N4

Manual Integrations APPROVED
SAM
3/26/2021 6:06:30 PM

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	383876	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	295551	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.554	152	89100	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	126479	23.68	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 94.72%			
7) Chloroethane-d5	2.891	69	117961	25.23	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 100.92%			
10) 1,1-Dichloroethene-d2	4.019	63	156601	16.98	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 67.92%			
20) 2-Butanone-d5	7.086	46	55866	46.97	ug/L	0.01
Spiked Amount 50.000	Range 20 - 135		Recovery = 93.94%			
24) Chloroform-d	7.653	84	210041	21.48	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 85.92%			
26) 1,2-Dichloroethane-d4	8.305	65	125426	21.98	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 87.92%			
29) Benzene-d6	8.275	84	399571	25.43	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 101.72%			
33) 1,2-Dichloropropane-d6	9.274	67	115422	25.47	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 101.88%			
37) Toluene-d8	10.323	98	337901	22.34	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 89.36%			
38) trans-1,3-Dichloroprop...	10.579	79	44957	19.23	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 76.92%			
39) 2-Hexanone-d5	10.927	63	43909	49.51	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 99.02%			
48) 1,1,2,2-Tetrachloroeth...	12.695	84	91831	22.65	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 90.60%			
61) 1,2-Dichlorobenzene-d4	13.853	152	58855	18.58	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 74.32%#			
Target Compounds						Qvalue
5) Vinyl chloride	2.367	62	3911	0.54	ug/L #	7
13) Acetone	4.141	43	10900	12.76	ug/L	66
14) Carbon disulfide	4.379	76	3669	0.25	ug/L	98
16) Methylene chloride	4.915	84	8532m	1.36	ug/L	
34) Benzene	8.323	78	179066	10.46	ug/L	100

JMD 3/30/21

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