Quantitation Report (Qedit)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011821\
Data File : VW017927.D
Acq On : 18 Jan 2021 14:45
Operator : SY/VA
Sample : M1099-16
Misc : 6.80G/10ML/MSVOA_W/SOIL
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Jan 19 07:20:44 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM011821S.M
Quant Title : VOC Analysis
QLast Update : Tue Jan 19 06:55:11 2021
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
F1C12

Manual Integrations APPROVED
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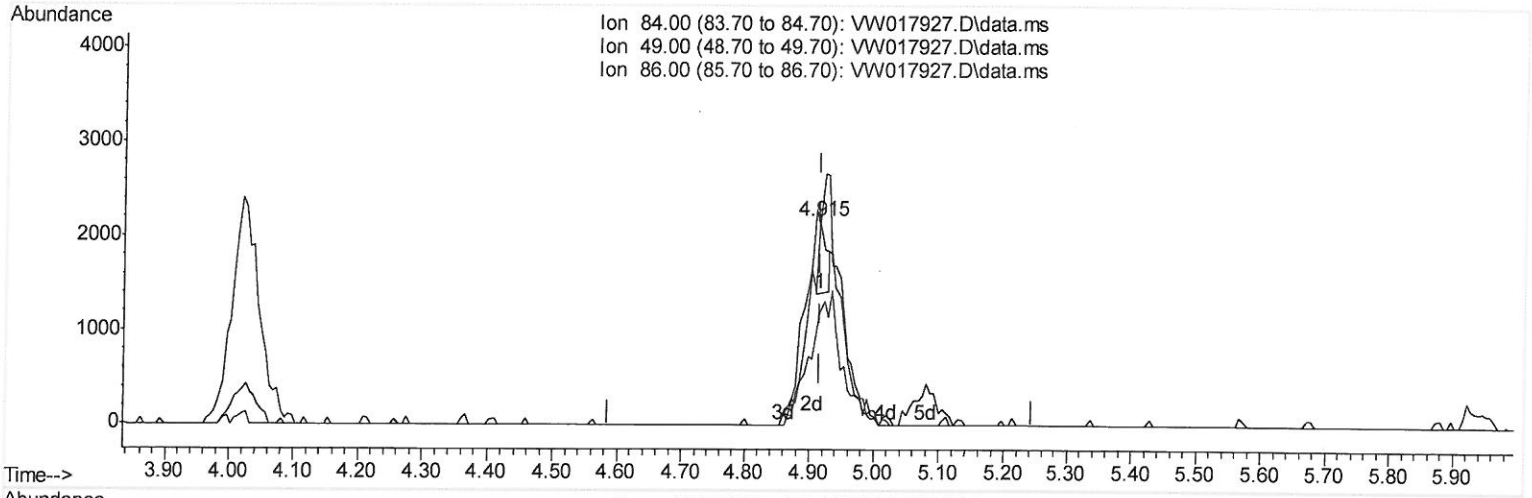
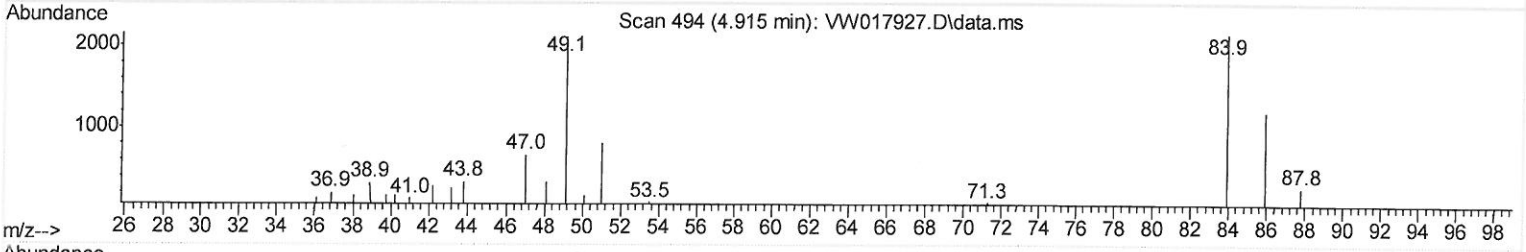
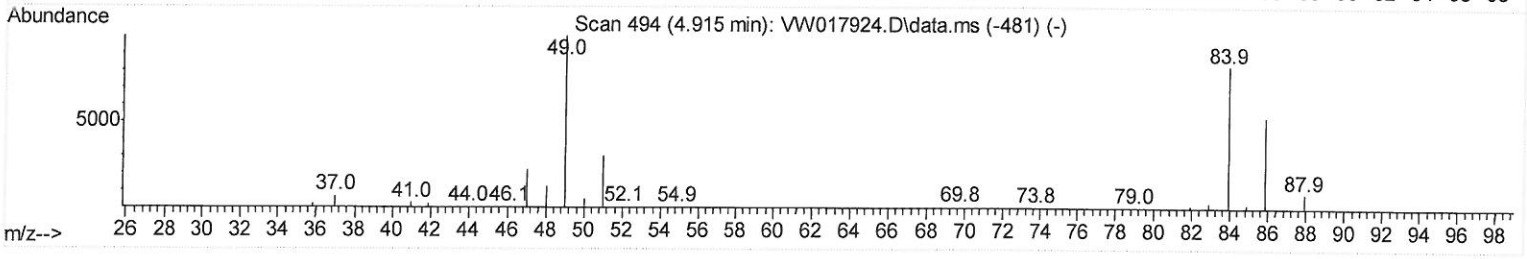
1/20/2021 4:57:51 PM







TIC: VW017927.D\data.ms

(16) Methylene chloride (T)

4.915min (-0.000) 0.11 ug/L

response 607

Ion	Exp%	Act%
84.00	100.00	100.00
49.00	116.00	97.91
86.00	63.60	55.29
0.00	0.00	0.00

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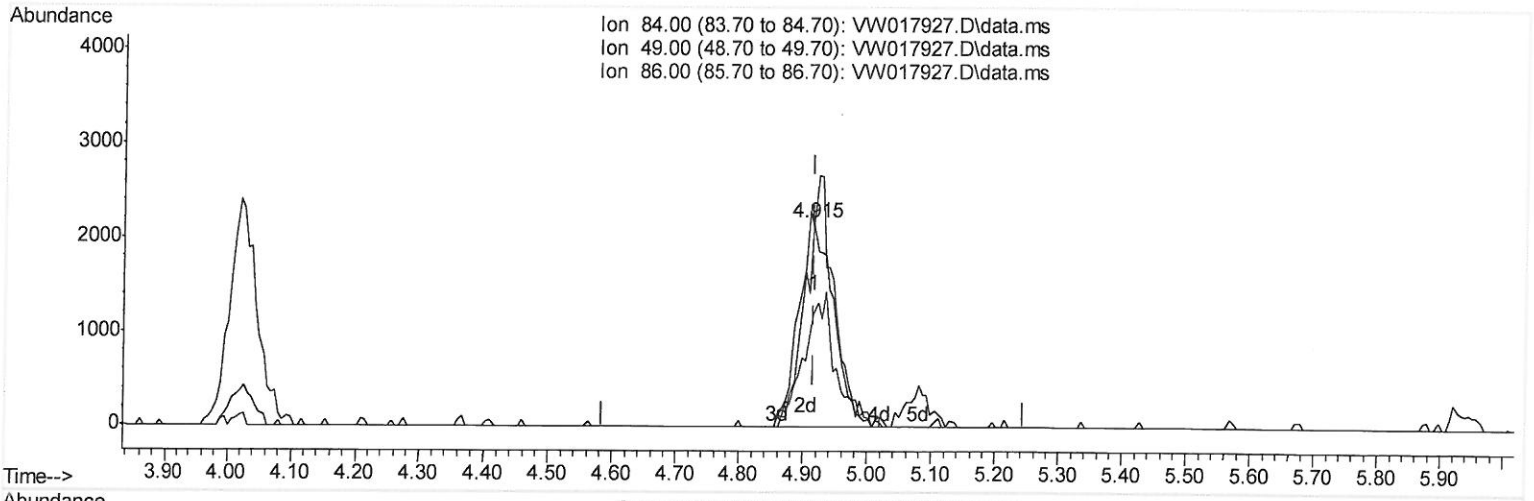

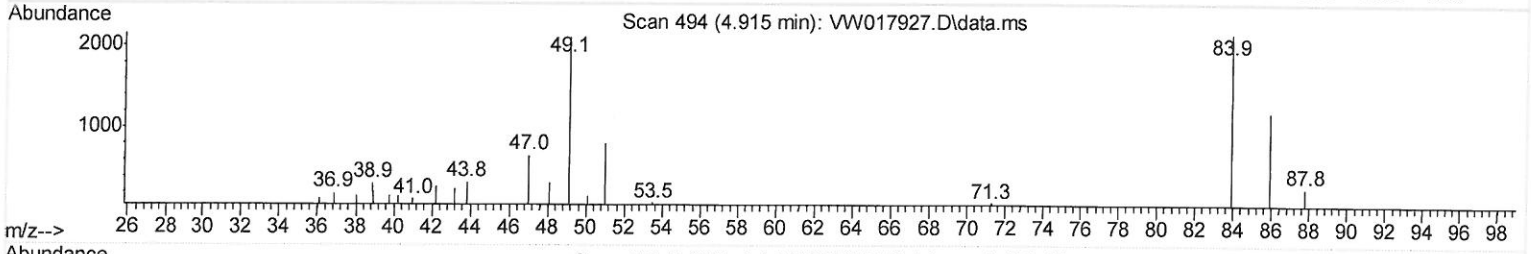

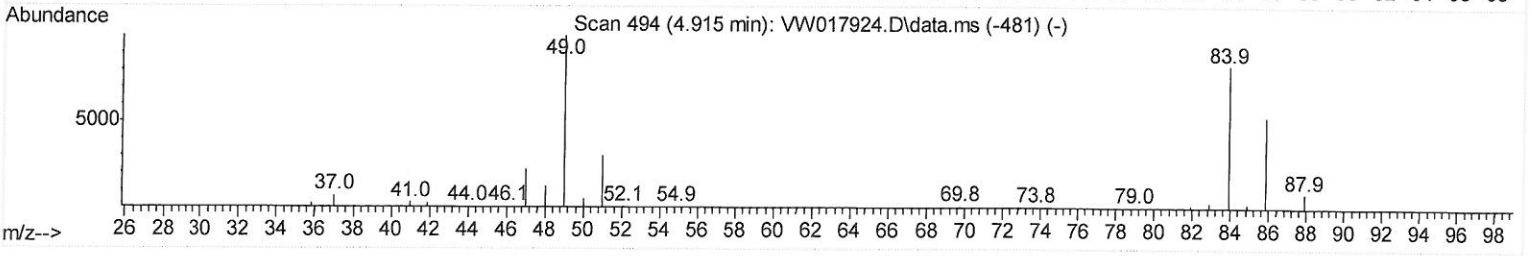

TIC: VW017927.D\data.ms

(16) Methylene chloride (T)

4.915min (-0.000) 1.35 ug/L m

response 7339

Ion	Exp%	Act%
84.00	100.00	100.00
49.00	116.00	97.91
86.00	63.60	55.29
0.00	0.00	0.00

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Quant Title : VOC Analysis
QLast Update : Tue Jan 19 06:55:11 2021
Response via : Initial Calibration

Instrument : MSVOA_W
ClientSampleId : F1C12

Manual Integrations APPROVED
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	375256	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	314277	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	123238	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	136468	23.17	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 92.68%			
7) Chloroethane-d5	2.891	69	110805	22.79	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 91.16%			
10) 1,1-Dichloroethene-d2	4.019	63	180265	16.94	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 67.76%			
20) 2-Butanone-d5	7.074	46	65504	45.99	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 91.98%			
24) Chloroform-d	7.647	84	237456	23.19	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 92.76%			
26) 1,2-Dichloroethane-d4	8.305	65	143224	24.73	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 98.92%			
29) Benzene-d6	8.275	84	459145	25.53	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 102.12%			
33) 1,2-Dichloropropane-d6	9.274	67	138012	26.96	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 107.84%			
37) Toluene-d8	10.323	98	421256	24.94	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 99.76%			
38) trans-1,3-Dichloroprop...	10.579	79	56674	24.24	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 96.96%			
39) 2-Hexanone-d5	10.926	63	48231	52.56	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 105.12%			
48) 1,1,2,2-Tetrachloroeth...	12.694	84	109533	24.06	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 96.24%			
61) 1,2-Dichlorobenzene-d4	13.853	152	102652	23.94	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 95.76%			
Target Compounds						Qvalue
13) Acetone	4.123	43	43139	43.00	ug/L	93
14) Carbon disulfide	4.391	76	21701	1.42	ug/L	95
16) Methylene chloride	4.915	84	7339m	1.35	ug/L	
21) 2-Butanone	7.177	43	11653	7.48	ug/L	82
34) Benzene	8.323	78	8327	0.45	ug/L	100
44) Toluene	10.390	91	8587	0.42	ug/L	93
52) Chlorobenzene	11.658	112	309686	23.39	ug/L	96
54) m,p-Xylene	11.835	106	6872	0.77	ug/L	89
55) o-xylene	12.164	106	2846	0.34	ug/L	94
57) Isopropylbenzene	12.463	105	70889	3.07	ug/L	99
63) 1,3-Dichlorobenzene	13.499	146	24088	3.12	ug/L	92
64) 1,4-Dichlorobenzene	13.578	146	82330	10.62	ug/L	99

01/28/21 SY

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

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