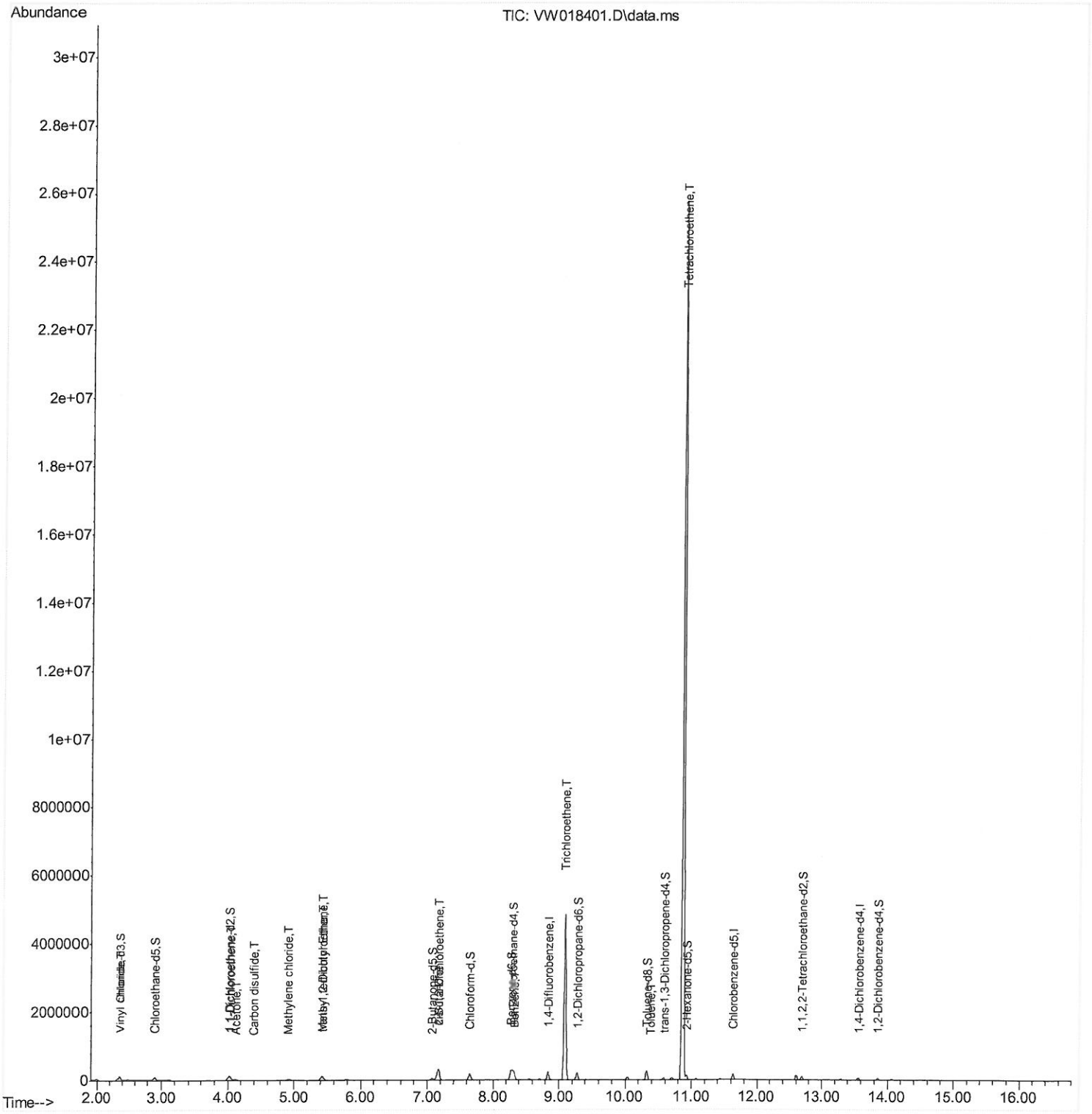
Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW031921\
Data File : VW018401.D
Acq On : 19 Mar 2021 21:16
Operator : SY/VA
Sample : M1698-13
Misc : 5.42G/10ML/MSVOA_W/SOIL
ALS Vial : 39 Sample Multiplier: 1

Quant Time: Mar 20 03:59:41 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
Quant Title : VOC Analysis
QLast Update : Sat Mar 20 03:58:53 2021
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
BG4L1

Manual Integrations APPROVED
MMDadoda
3/22/2021 4:14:31 PM



Quantitation Report (Qedit)

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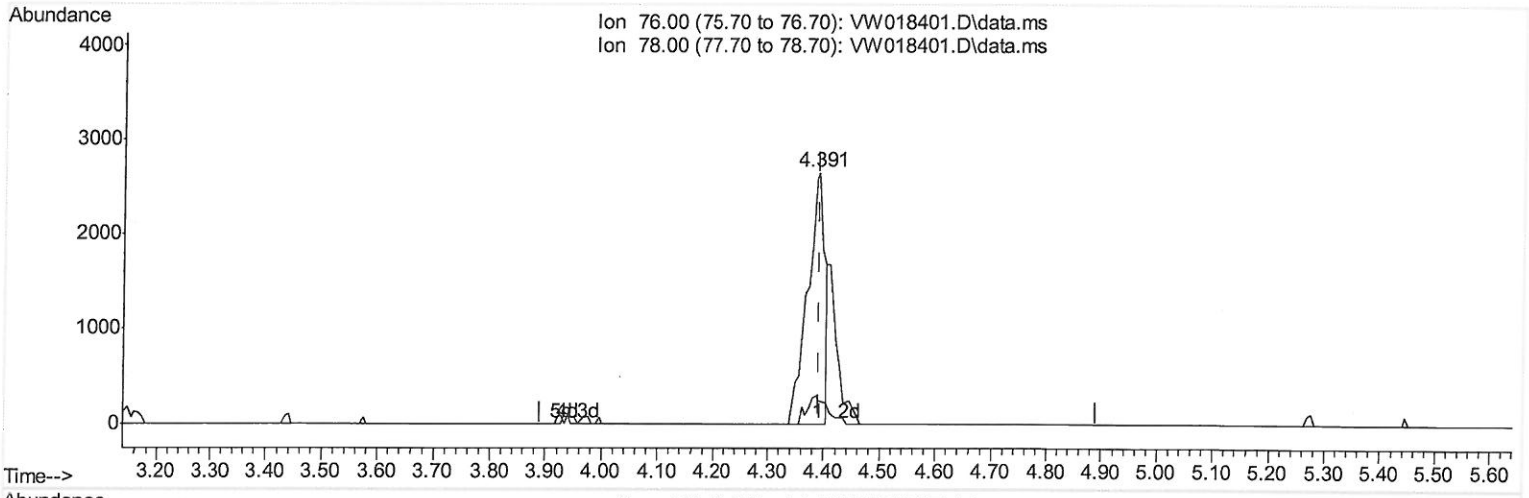

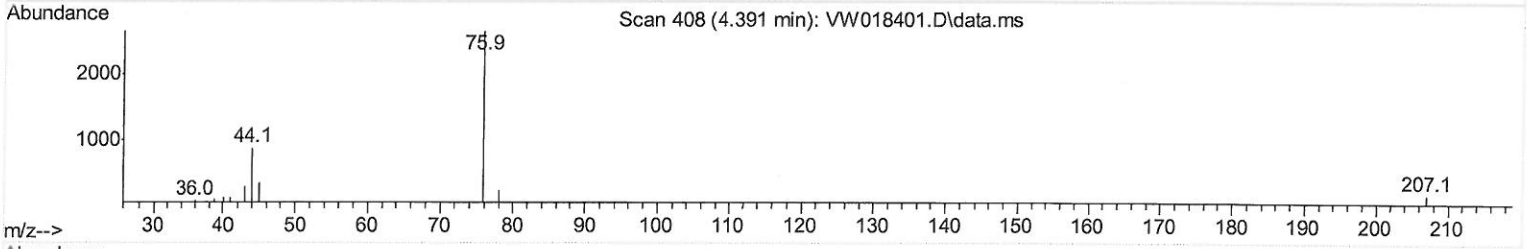

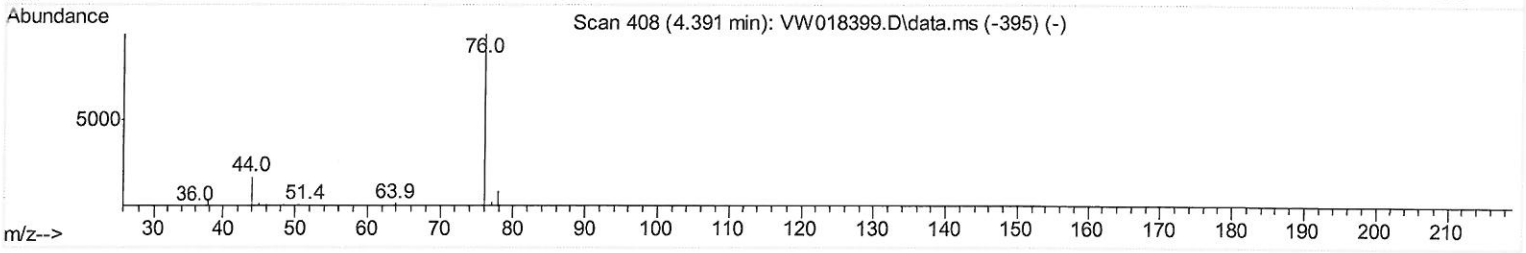

TIC: VW018401.D\data.ms

(14) Carbon disulfide (T)

4.391min (-0.000) 0.75 ug/L

response 5690

Ion	Exp%	Act%
76.00	100.00	100.00
78.00	9.30	8.94
0.00	0.00	0.00
0.00	0.00	0.00

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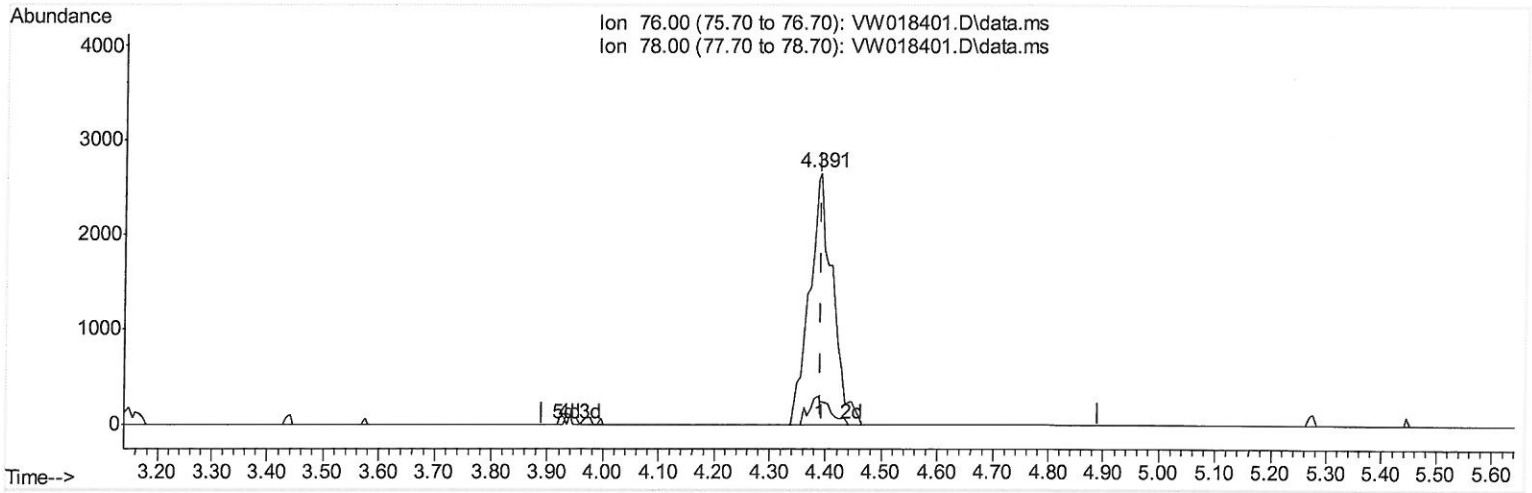
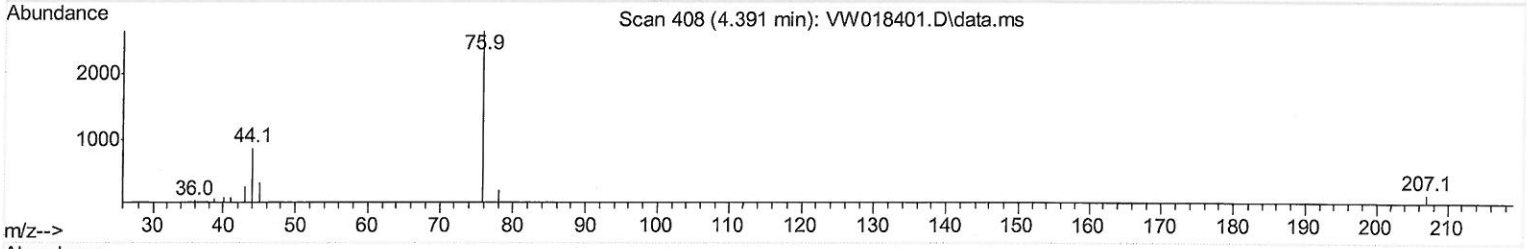
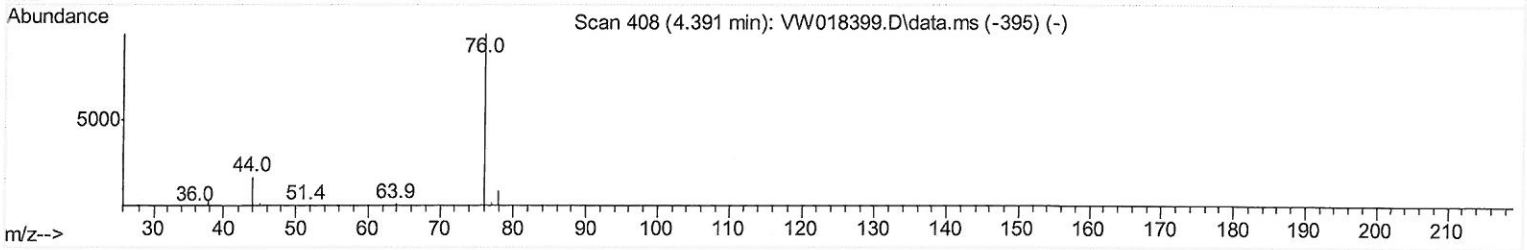
Manual Integrations APPROVED
MMDadoda
3/22/2021 4:14:31 PM







TIC: VW018401.D\data.ms

(14) Carbon disulfide (T)

4.391min (-0.000) 1.00 ug/L m

response 7581

Ion	Exp%	Act%
76.00	100.00	100.00
78.00	9.30	8.94
0.00	0.00	0.00
0.00	0.00	0.00

> MD
3/30/21

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QLast Update : Sat Mar 20 03:58:53 2021
Response via : Initial Calibration

Instrument : MSVOA_W
ClientSampleId : BG4L1

Manual Integrations APPROVED
MMDadoda
3/22/2021 4:14:31 PM

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	200208	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	88335	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	14914	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	128528	46.13	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 184.52%#			
7) Chloroethane-d5	2.891	69	119386	48.95	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 195.80%#			
10) 1,1-Dichloroethene-d2	4.025	63	133291	27.71	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 110.84%#			
20) 2-Butanone-d5	7.074	46	83024	133.85	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 267.70%#			
24) Chloroform-d	7.647	84	176602	34.63	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 138.52%			
26) 1,2-Dichloroethane-d4	8.305	65	127688	42.89	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 171.56%#			
29) Benzene-d6	8.275	84	299257	63.73	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 254.92%#			
33) 1,2-Dichloropropane-d6	9.274	67	89844	66.33	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 265.32%#			
37) Toluene-d8	10.323	98	171376	37.90	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 151.60%#			
38) trans-1,3-Dichloroprop...	10.579	79	29210	41.81	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 167.24%#			
39) 2-Hexanone-d5	10.927	63	43778	165.14	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 330.28%#			
48) 1,1,2,2-Tetrachloroeth...	12.695	84	46101	38.05	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 152.20%#			
61) 1,2-Dichlorobenzene-d4	13.853	152	12739	24.03	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 96.12%			
Target Compounds						Qvalue
5) Vinyl chloride	2.367	62	4705	1.24	ug/L #	1
12) 1,1-Dichloroethene	4.044	96	20255	8.06	ug/L #	1
13) Acetone	4.123	43	65899	147.89	ug/L	98
14) Carbon disulfide	4.391	76	7581m	1.00	ug/L	
16) Methylene chloride	4.915	84	26111	7.95	ug/L	97
17) Methyl tert-butyl Ether	5.428	73	120308	32.77	ug/L	97
18) trans-1,2-Dichloroethene	5.434	96	28932	10.43	ug/L	87
21) 2-Butanone	7.165	43	21662	30.60	ug/L	93
22) cis-1,2-Dichloroethene	7.171	96	177508	60.83	ug/L	98
34) Benzene	8.323	78	160328	31.34	ug/L	100
35) Trichloroethene	9.091	95	1605350	1135.83	ug/L	99
44) Toluene	10.384	91	2289	0.39	ug/L	94
47) Tetrachloroethene	10.866	164	5012006	4670.18	ug/L	97

? MD 3/30/21

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