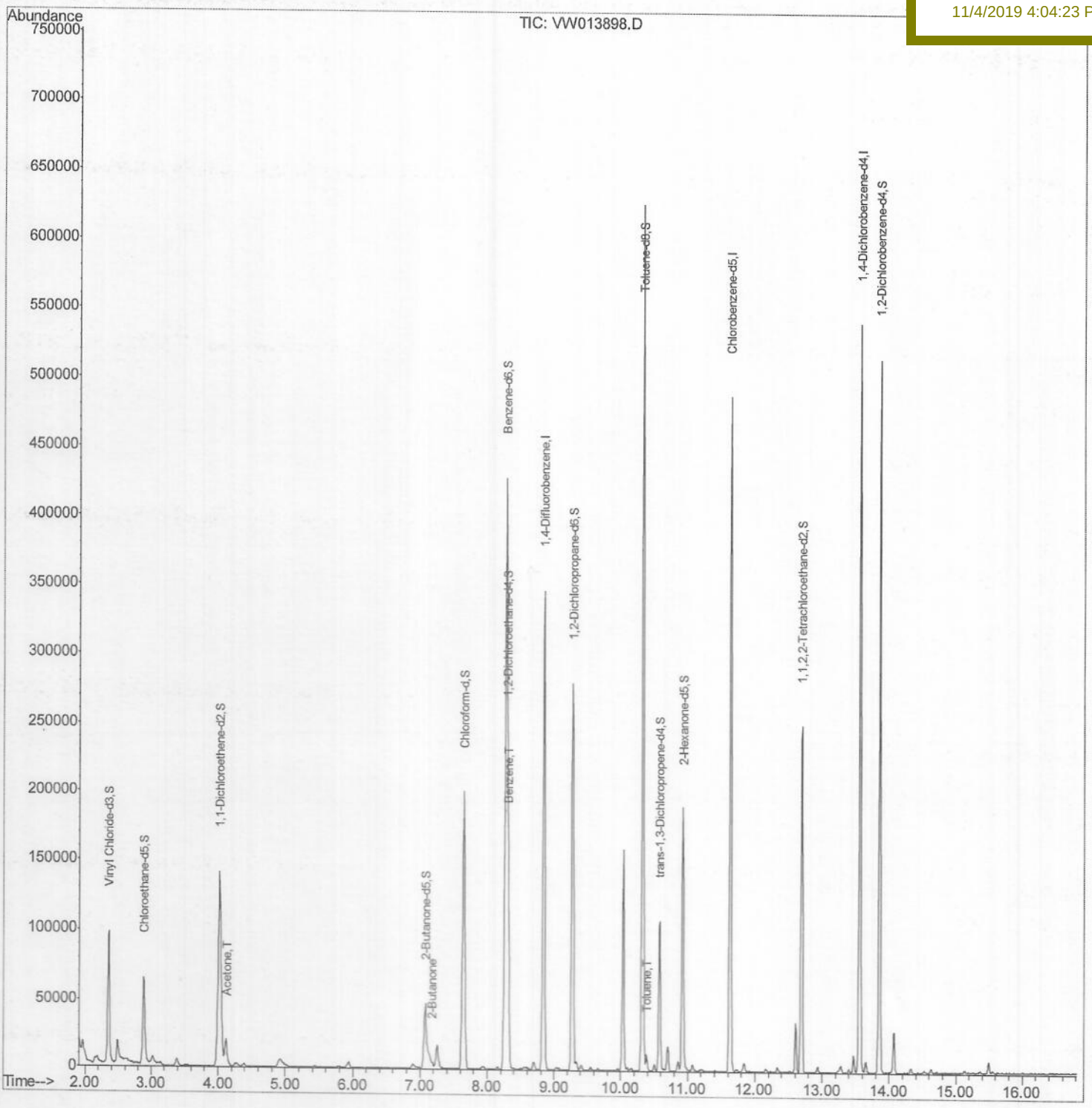
Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW110119\
Data File : VW013898.D
Acq On : 01 Nov 2019 14:59
Operator : SY/VA
Sample : K5552-16
Misc : 3.03G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Nov 02 00:38:53 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110119S.M
Quant Title : VOC Analysis
QLast Update : Sat Nov 02 00:12:22 2019
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
GAQC9

Manual Integrations APPROVED
MMDadoda
11/4/2019 4:04:23 PM



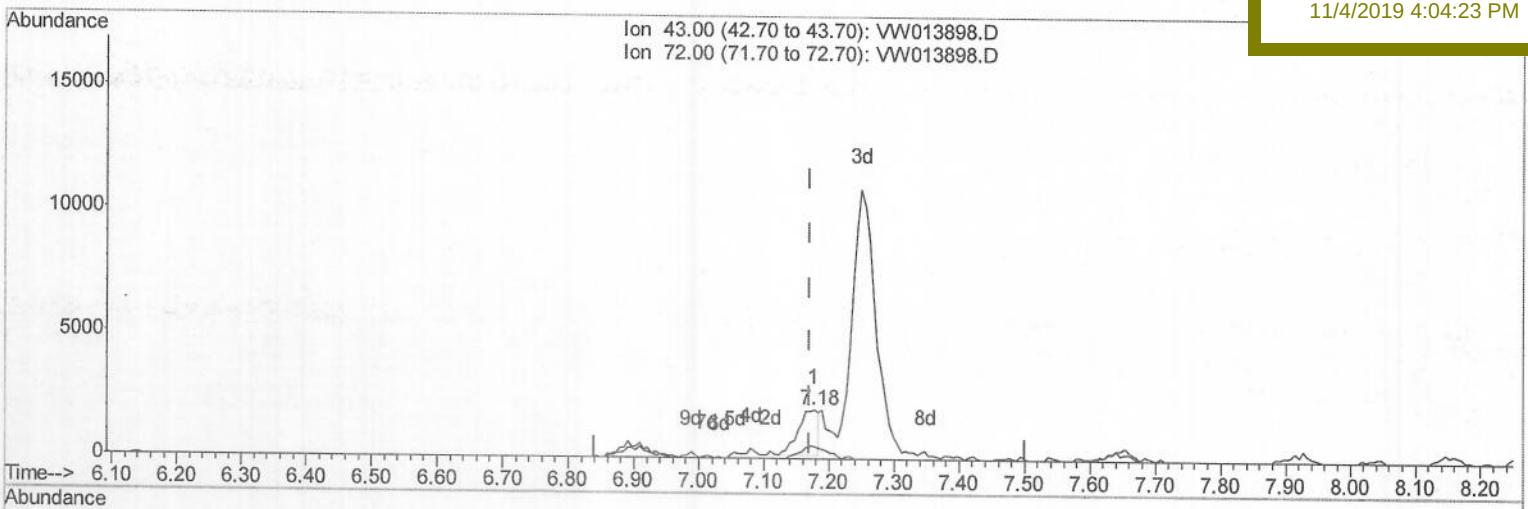
Quantitation Report (Qedit)

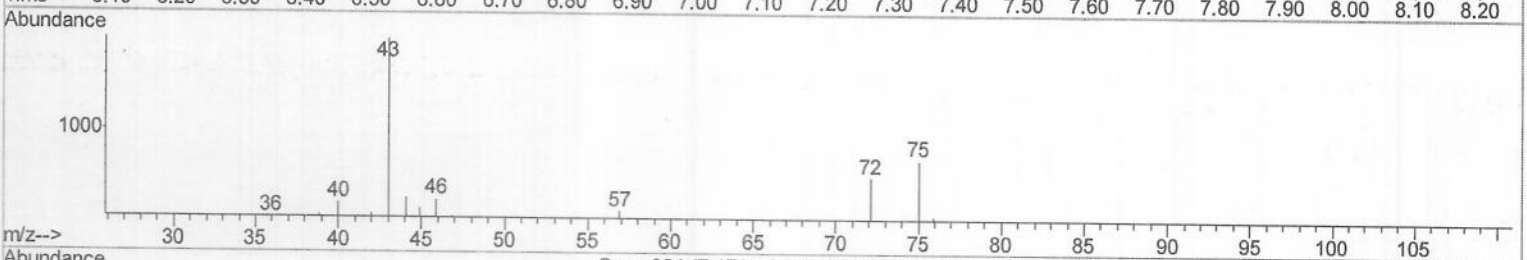
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW110119\
Data File : VW013898.D
Acq On : 01 Nov 2019 14:59
Operator : SY/VA
Sample : K5552-16
Misc : 3.03G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

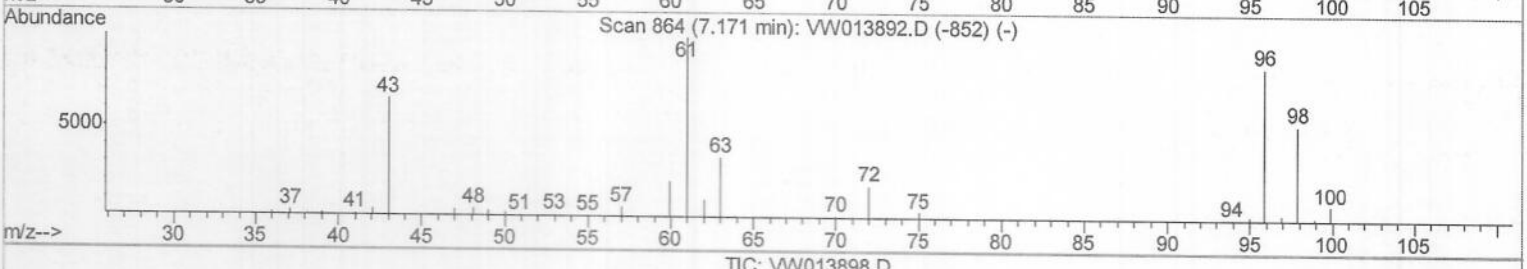
Quant Time: Nov 02 00:17:06 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110119S.M
Quant Title : VOC Analysis
QLast Update : Sat Nov 02 00:12:22 2019
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
GAQC9

Manual Integrations APPROVED
MMDadoda
11/4/2019 4:04:23 PM







TIC: VW013898.D

(21) 2-Butanone

7.177min (+0.006) 1.76ug/L

response 3996

Ion	Exp%	Act%
43.00	100	100
72.00	27.20	38.01
0.00	0.00	0.00
0.00	0.00	0.00

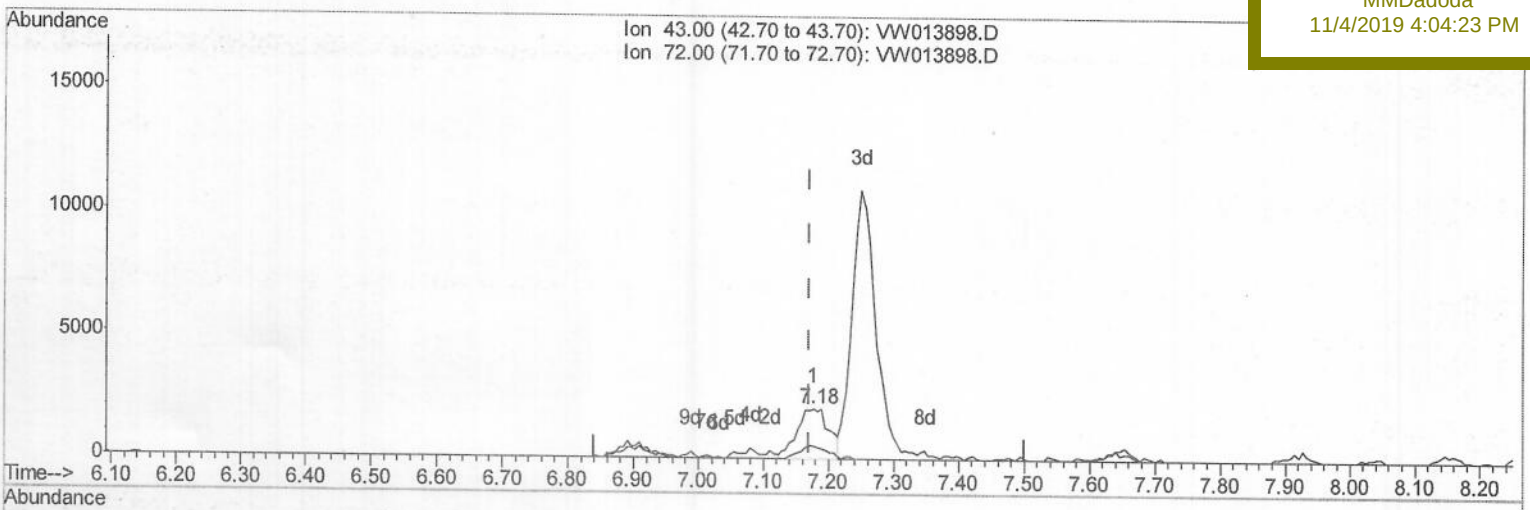
Quantitation Report (Qedit)

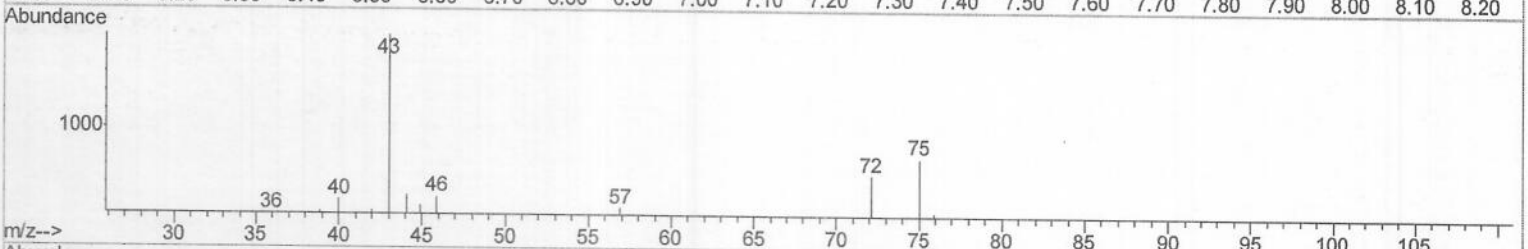
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW110119\
Data File : VW013898.D
Acq On : 01 Nov 2019 14:59
Operator : SY/VA
Sample : K5552-16
Misc : 3.03G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

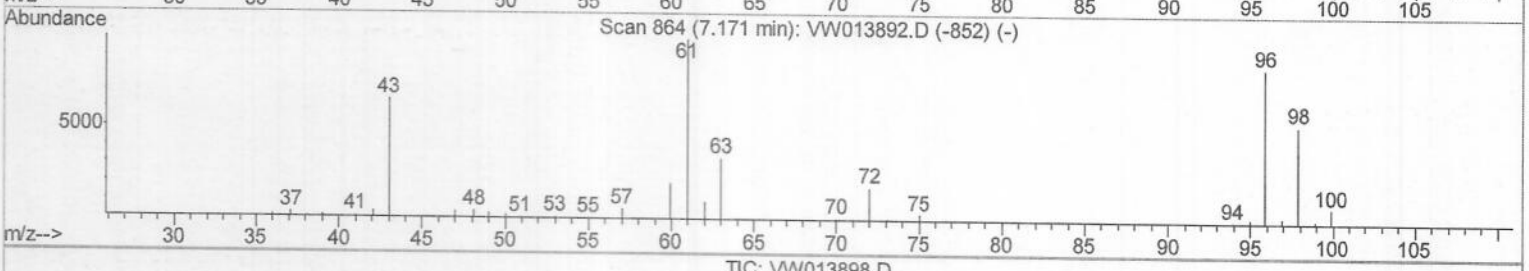
Quant Time: Nov 02 00:17:06 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110119S.M
Quant Title : VOC Analysis
QLast Update : Sat Nov 02 00:12:22 2019
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
GAQC9

Manual Integrations APPROVED
MMDadoda
11/4/2019 4:04:23 PM







TIC: VW013898.D

(21) 2-Butanone
7.177min (+0.006) 3.01ug/L m > 11/04/19 SY
response 6834

Ion	Exp%	Act%
43.00	100	100
72.00	27.20	22.23
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW110119\
Data File : VW013898.D
Acq On : 01 Nov 2019 14:59
Operator : SY/VA
Sample : K5552-16
Misc : 3.03G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Nov 02 00:38:53 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110119S.M
Quant Title : VOC Analysis
QLast Update : Sat Nov 02 00:12:22 2019
Response via : Initial Calibration

Instrument : MSVOA_W
ClientSampleId : GAQC9

Manual Integrations APPROVED
MMDadoda
11/4/2019 4:04:23 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	303651	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	295259	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	153912	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.35	65	104773	22.18	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 88.72%			
7) Chloroethane-d5	2.89	69	83549	22.13	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 88.52%			
10) 1,1-Dichloroethene-d2	4.02	63	155635	16.17	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 64.68%			
20) 2-Butanone-d5	7.07	46	83030	48.84	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 97.68%			
24) Chloroform-d	7.65	84	210260	21.98	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 87.92%			
26) 1,2-Dichloroethane-d4	8.30	65	123119	23.91	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 95.64%			
29) Benzene-d6	8.27	84	450438	22.77	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 91.08%			
33) 1,2-Dichloropropane-d6	9.27	67	138700	23.16	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 92.64%			
37) Toluene-d8	10.32	98	420696	22.42	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 89.68%			
38) trans-1,3-Dichloropropene-	10.58	79	62283	22.78	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 91.12%			
39) 2-Hexanone-d5	10.92	63	67387	49.54	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 99.08%			
48) 1,1,2,2-Tetrachloroethane-	12.69	84	128308	24.23	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 96.92%			
61) 1,2-Dichlorobenzene-d4	13.85	152	145016	23.81	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 95.24%			
Target Compounds						Qvalue
13) Acetone	4.12	43	34129	20.611	ug/L	100
21) 2-Butanone	7.18	43	6834m	3.007	ug/L	
34) Benzene	8.32	78	8234	0.384	ug/L	100
44) Toluene	10.38	91	8730	0.379	ug/L	97

> 11 low in sy

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