Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW121719\

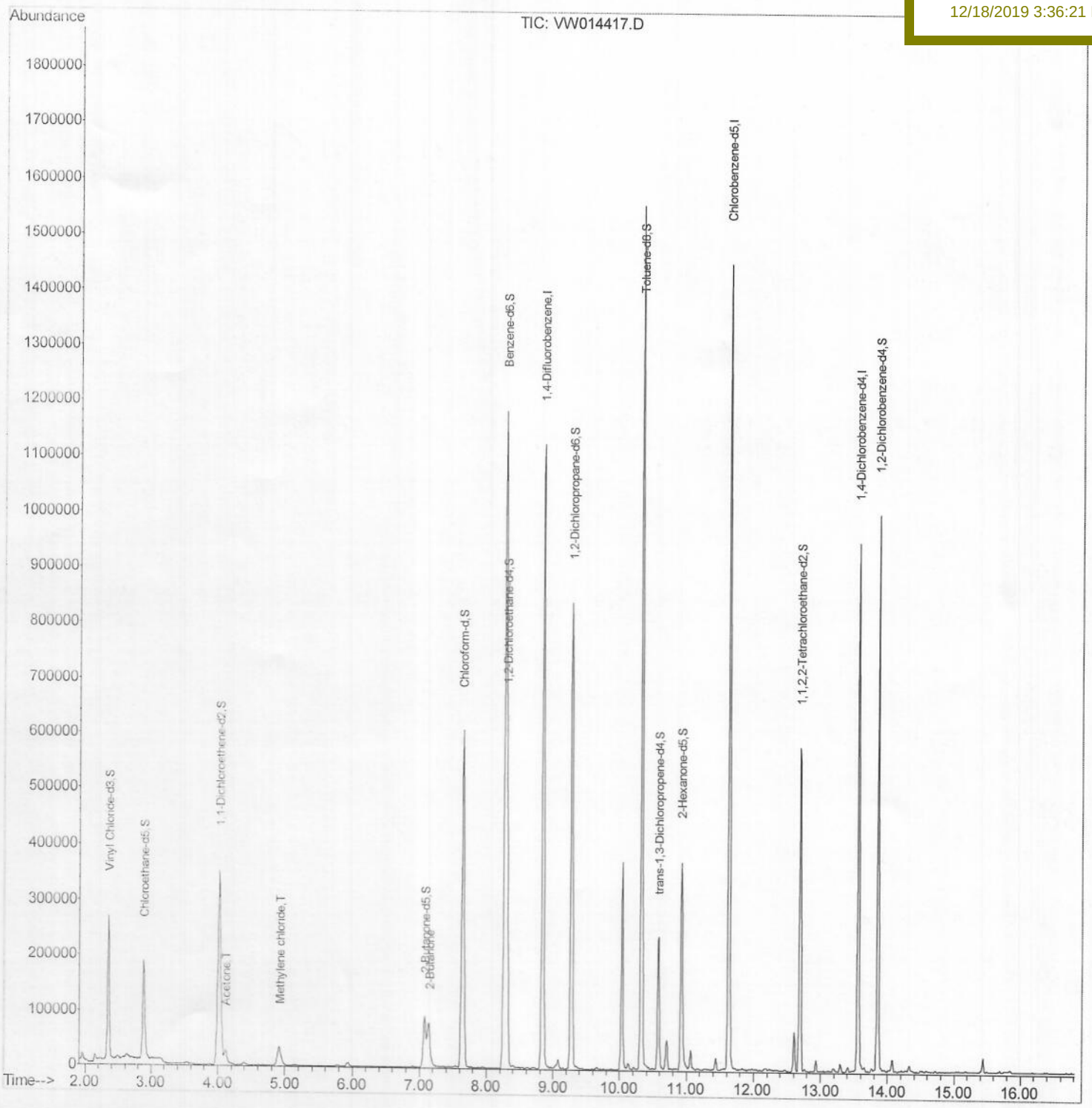
Quantitation Report (QT Reviewed)

Data File : VW014417.D
Acq On : 18 Dec 2019 02:39
Operator : SY/VA
Sample : K6257-05
Misc : 5.90G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Dec 18 05:33:23 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.M
Quant Title : VOC Analysis
QLast Update : Wed Dec 18 03:31:53 2019
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
BFEW5

Manual Integrations APPROVED
MMDadoda
12/18/2019 3:36:21 PM



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW121719\

Quantitation Report (Qedit)

Data File : VW014417.D
Acq On : 18 Dec 2019 02:39
Operator : SY/VA
Sample : K6257-05
Misc : 5.90G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Dec 18 03:36:07 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.M
Quant Title : VOC Analysis
QLast Update : Wed Dec 18 03:31:53 2019
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
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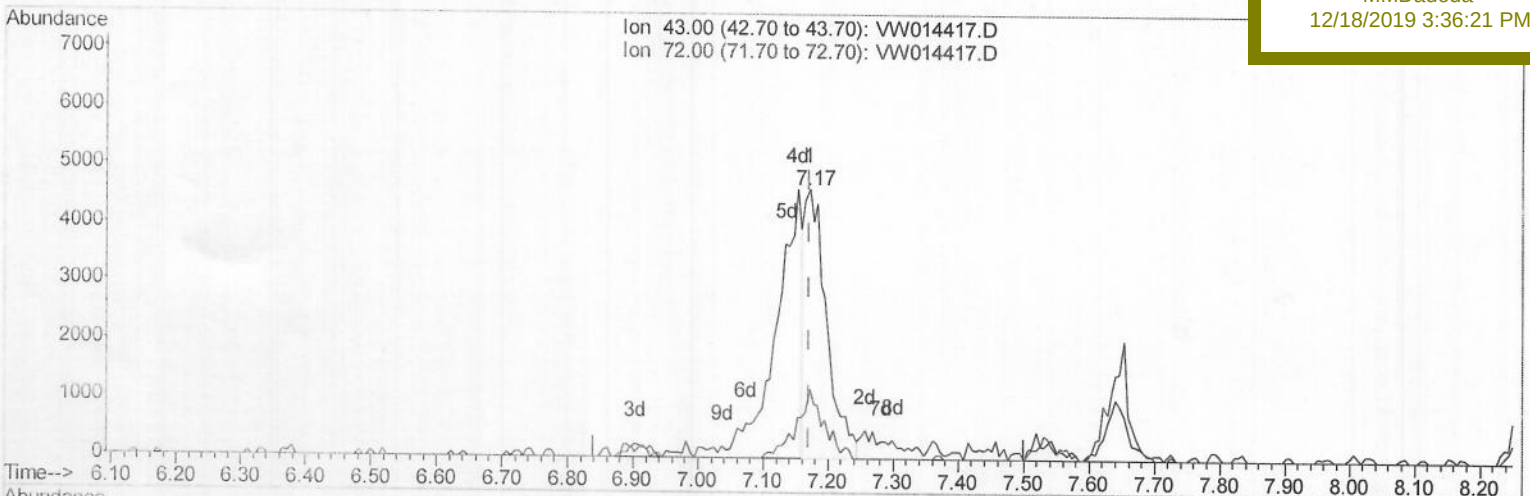
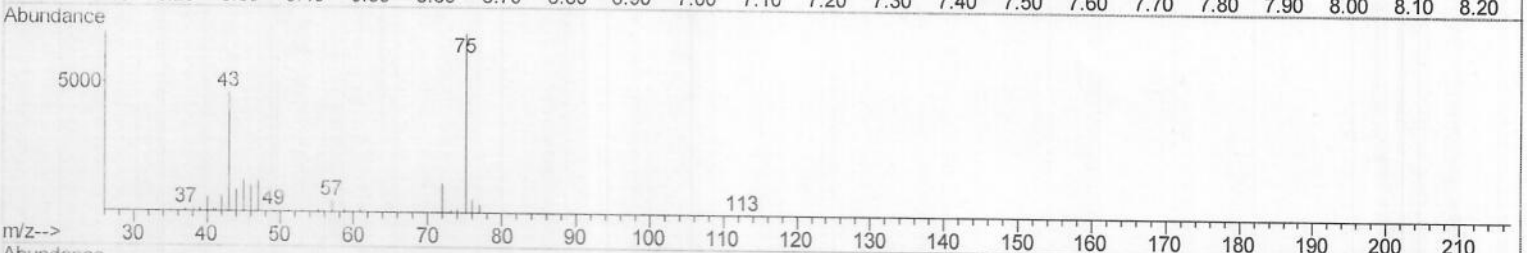
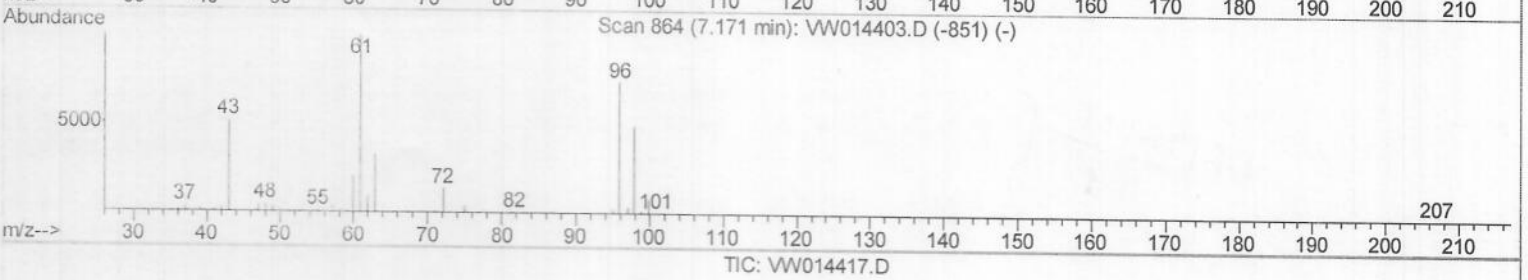
Manual Integrations APPROVED
MMDadoda
12/18/2019 3:36:21 PM







TIC: VW014417.D

(21) 2-Butanone

7.171min (-0.000) 2.26ug/L

response 10795

Ion	Exp%	Act%
43.00	100	100
72.00	28.10	20.71
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW121719\

Quantitation Report (Qedit)

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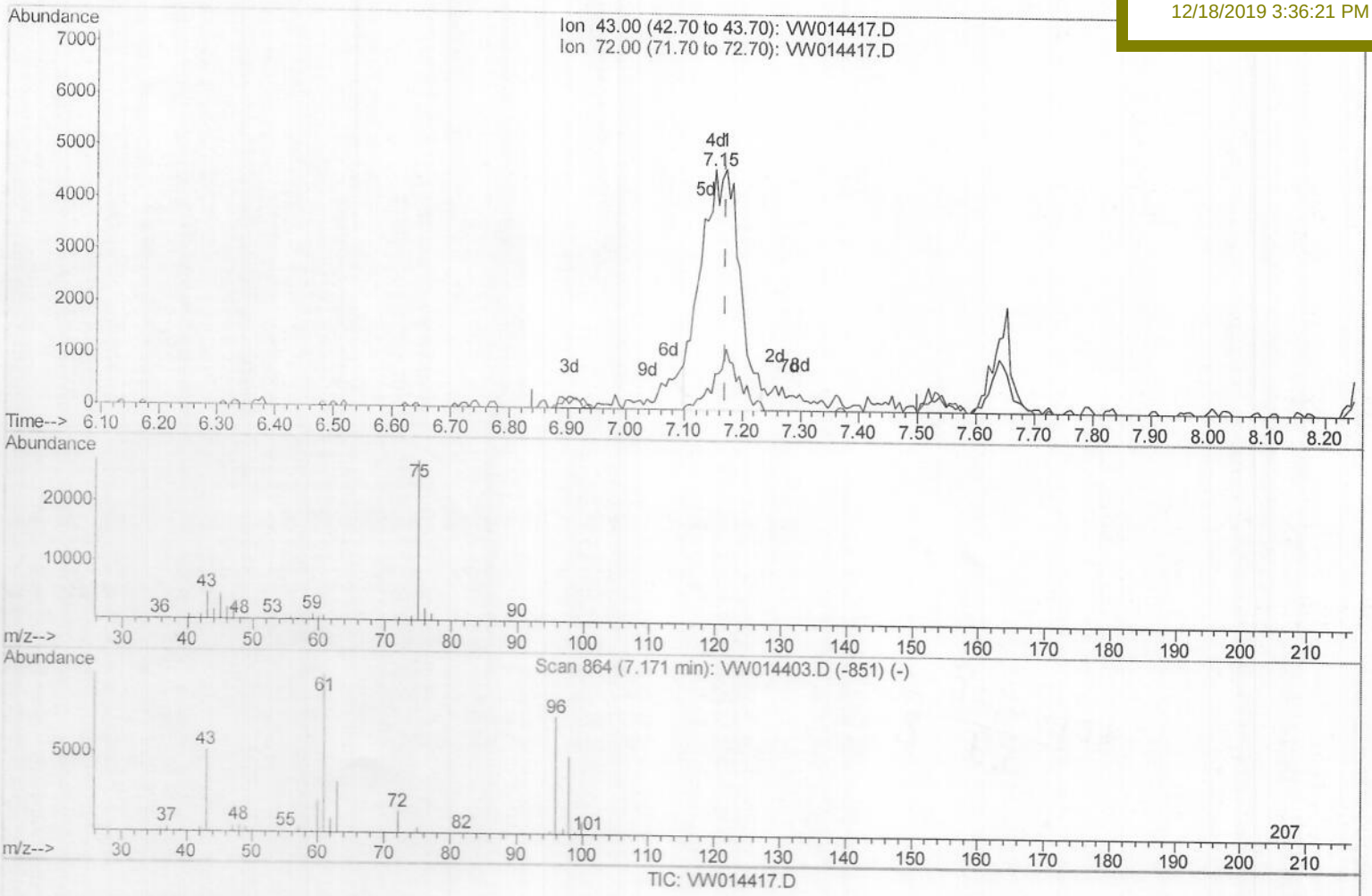
Quant Title : VOC Analysis
QLast Update : Wed Dec 18 03:31:53 2019
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
BFEW5

Manual Integrations APPROVED
MMDadoda
12/18/2019 3:36:21 PM



TIC: VW014417.D

(21) 2-Butanone

7.153min (-0.019) 4.48ug/L m > 12/18/19 SY

response 21376

Ion	Exp%	Act%
43.00	100	100
72.00	28.10	10.46#
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW121719\

Quantitation Report (QT Reviewed)

Data File : VW014417.D
Acq On : 18 Dec 2019 02:39
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Quant Title : VOC Analysis
QLast Update : Wed Dec 18 03:31:53 2019
Response via : Initial Calibration

Instrument : MSVOA_W
ClientSampleId : BFEW5

Manual Integrations APPROVED
MMDadoda
12/18/2019 3:36:21 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	934759	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	817294	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	261130	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.35	65	281271	19.87	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 79.48%			
7) Chloroethane-d5	2.89	69	243805	23.17	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 92.68%			
10) 1,1-Dichloroethene-d2	4.02	63	401314	16.05	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 64.20%			
20) 2-Butanone-d5	7.07	46	160071	43.40	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 86.80%			
24) Chloroform-d	7.64	84	633251	26.61	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 106.44%			
26) 1,2-Dichloroethane-d4	8.30	65	343351	27.52	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 110.08%			
29) Benzene-d6	8.27	84	1244931	25.99	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 103.96%			
33) 1,2-Dichloropropane-d6	9.27	67	413583	28.06	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 112.24%			
37) Toluene-d8	10.32	98	1044175	24.11	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 96.44%			
38) trans-1,3-Dichloropropene-	10.58	79	138632	22.42	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 89.68%			
39) 2-Hexanone-d5	10.92	63	128090	43.71	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 87.42%			
48) 1,1,2,2-Tetrachloroethane-	12.69	84	301141	25.08	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 100.32%			
61) 1,2-Dichlorobenzene-d4	13.85	152	270017	27.06	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 108.24%			
Target Compounds						Qvalue
13) Acetone	4.12	43	44913	12.629	ug/L	98
16) Methylene chloride	4.92	84	31045	2.166	ug/L	90
21) 2-Butanone	7.15	43	21376m	4.477	ug/L	

12/18/19 SY

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